

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027229.D
 Acq On : 6 Jun 2017 1:48
 Operator : SJ/MA
 Sample : I3407-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Manual Integrations
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 6/6/2017 5:14:28 PM

Quant Time: Jun 06 05:20:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	51040	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	244457	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	161963	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	362717	20.00	ng	-0.01
75) Chrysene-d12	22.30	240	412935	20.00	ng	-0.01
86) Perylene-d12	26.01	264	390128	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	124753	37.30	ng	0.00
7) Phenol-d6	7.70	99	121353	24.72	ng	0.00
23) Nitrobenzene-d5	9.74	82	438250	112.75	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	190325	89.24	ng	0.00
44) 2-Fluorobiphenyl	13.79	172	1122799	96.98	ng	0.00
78) Terphenyl-d14	20.48	244	1561332	96.45	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.16	88	20492	14.78	ng	# 76
3) Pyridine	4.54	79	50776	11.88	ng	# 75
4) n-Nitrosodimethylamine	4.45	42	30368	19.18	ng	# 57
6) Aniline	7.89	93	112221	18.15	ng	# 92
8) 2-Chlorophenol	8.13	128	84171	23.83	ng	# 88
9) Benzaldehyde	7.72	77	120609	35.53	ng	# 1
10) Phenol	7.73	94	47472	9.45	ng	# 66
11) bis(2-Chloroethyl)ether	7.97	93	190020	46.13	ng	# 87
12) 1,3-Dichlorobenzene	8.46	146	176320	44.26	ng	# 91
13) 1,4-Dichlorobenzene	8.60	146	183660	44.92	ng	# 97
14) 1,2-Dichlorobenzene	8.93	146	181875	45.61	ng	# 92
15) Benzyl Alcohol	8.80	79	107580	31.10	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	9.08	45	264466	44.87	ng	# 89
17) 2-Methylphenol	8.98	107	89042	25.09	ng	# 87
18) Hexachloroethane	9.67	117	100104	72.69	ng	# 23
19) n-Nitroso-di-n-propylamine	9.36	70	165742	48.25	ng	# 85
20) 3+4-Methylphenols	9.31	107	100649	20.47	ng	# 87
22) Acetophenone	9.38	105	415884	66.52	ng	# 81
24) Nitrobenzene	9.78	77	233995	52.84	ng	# 86
25) Isophorone	10.30	82	452564	49.51	ng	# 96
26) 2-Nitrophenol	10.49	139	51809	31.32	ng	# 76
27) 2,4-Dimethylphenol	10.52	122	173880	44.25	ng	# 91
28) bis(2-Chloroethoxy)methane	10.77	93	293698	49.63	ng	# 99
29) 2,4-Dichlorophenol	11.02	162	103953	28.98	ng	# 96
30) 1,2,4-Trichlorobenzene	11.25	180	191828	48.29	ng	# 98
31) Naphthalene	11.45	128	1304190	97.62	ng	# 99
32) Benzoic acid	10.59	122	17464	13.37	ng	# 92
33) 4-Chloroaniline	11.53	127	107172	19.25	ng	# 87
34) Hexachlorobutadiene	11.72	225	112910	46.25	ng	# 98
35) Caprolactam	12.36	113	10354	8.41	ng	# 91
36) 4-Chloro-3-methylphenol	12.61	107	145234	32.30	ng	# 89
37) 2-Methylnaphthalene	13.01	142	695551m	71.37	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	235539	46.68	ng	# 98
40) Hexachlorocyclopentadiene	13.34	237	228844	85.21	ng	# 97

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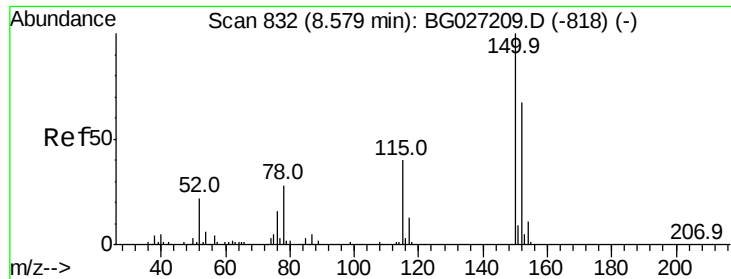
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	90836	29.68	nq	97
43) 2,4,5-Trichlorophenol	13.66	196	98376	28.73	nq	95
45) 1,1'-Biphenyl	13.99	154	656626	49.67	nq	97
46) 2-Chloronaphthalene	14.04	162	485223	48.96	nq	100
47) 2-Nitroaniline	14.23	65	158966	55.20	nq	# 78
48) Acenaphthylene	14.88	152	778818	46.43	nq	98
49) Dimethylphthalate	14.60	163	751762	58.51	nq	98
50) 2,6-Dinitrotoluene	14.72	165	141922	53.63	nq	# 71
51) Acenaphthene	15.22	154	538002	49.31	nq	99
52) 3-Nitroaniline	15.05	138	62312	25.76	nq	89
53) 2,4-Dinitrophenol	15.25	184	74661	65.04	nq	# 89
54) Dibenzofuran	15.55	168	791845	51.93	nq	92
55) 4-Nitrophenol	15.33	139	47109	24.05	nq	# 56
56) 2,4-Dinitrotoluene	15.50	165	191112	55.89	nq	# 84
57) Fluorene	16.20	166	644382	47.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.77	232	93577m	30.61	nq	
59) Diethylphthalate	15.95	149	670398	52.31	nq	97
60) 4-Chlorophenyl-phenylether	16.18	204	332360	48.72	nq	95
61) 4-Nitroaniline	16.21	138	135348	48.75	nq	# 65
62) Azobenzene	16.48	77	647119	54.48	nq	89
64) 4,6-Dinitro-2-methylphenol	16.26	198	54443	37.16	nq	86
65) n-Nitrosodiphenylamine	16.39	169	580738	51.07	nq	99
66) 4-Bromophenyl-phenylether	17.08	248	220908	51.46	nq	98
67) Hexachlorobenzene	17.20	284	234632	50.81	nq	92
68) Atrazine	17.34	200	204908	53.89	nq	97
69) Pentachlorophenol	17.55	266	158980	58.74	nq	98
70) Phenanthrene	17.95	178	1015470	49.76	nq	96
71) Anthracene	18.04	178	1038067	50.77	nq	99
72) Carbazole	18.30	167	913678	47.38	nq	96
73) Di-n-butylphthalate	18.84	149	1105462	59.12	nq	# 94
74) Fluoranthene	19.94	202	1157357	53.09	nq	95
76) Benzidine	20.11	184	131581	10.58	nq	97
77) Pyrene	20.30	202	1179733	47.28	nq	98
79) Butylbenzylphthalate	21.19	149	503861	57.15	nq	90
80) Benzo(a)anthracene	22.28	228	1193748	50.69	nq	96
81) 3,3'-Dichlorobenzidine	22.17	252	227981	24.89	nq	97
82) Chrysene	22.35	228	1088288	48.14	nq	96
83) Bis(2-ethylhexyl)phthalate	22.15	149	731281	54.89	nq	99
84) Di-n-octyl phthalate	23.54	149	1241274	56.25	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.28	276	1432764	52.33	nq	# 93
87) Benzo(b)fluoranthene	24.82	252	1231251	50.89	nq	# 96
88) Benzo(k)fluoranthene	24.90	252	1183205	49.85	nq	# 94
89) Benzo(a)pyrene	25.83	252	1172027	51.46	nq	# 95
90) Dibenzo(a,h)anthracene	30.37	278	1226634	51.45	nq	# 95
91) Benzo(g,h,i)perylene	31.63	276	1168710	50.61	nq	# 91

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



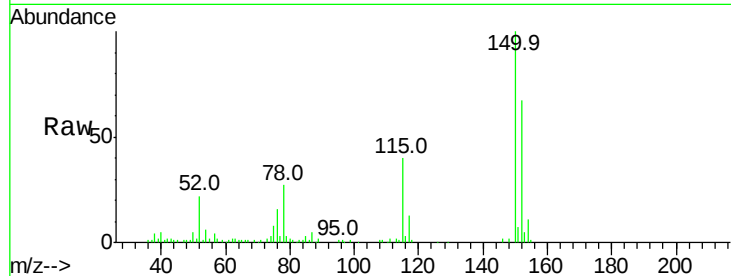
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
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S22-0025MSD

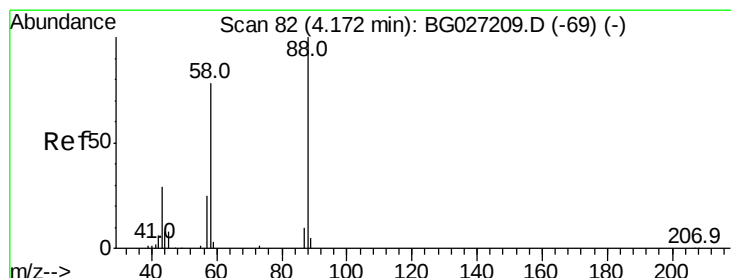
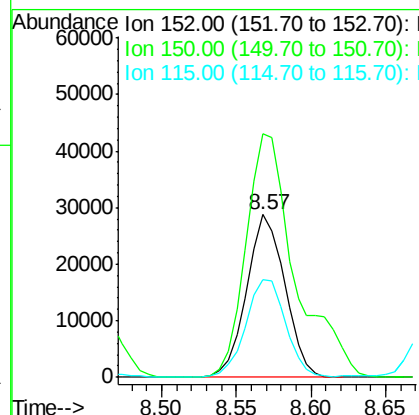
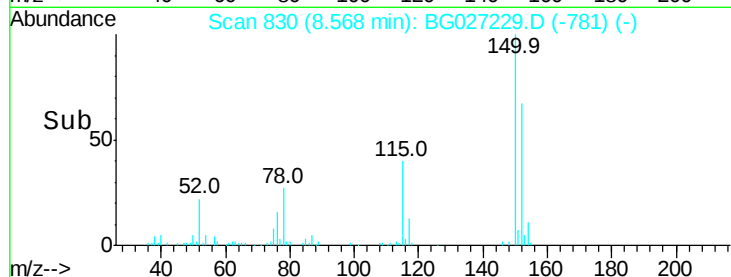
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	114.0	171.0
115	60.2	48.1	72.1

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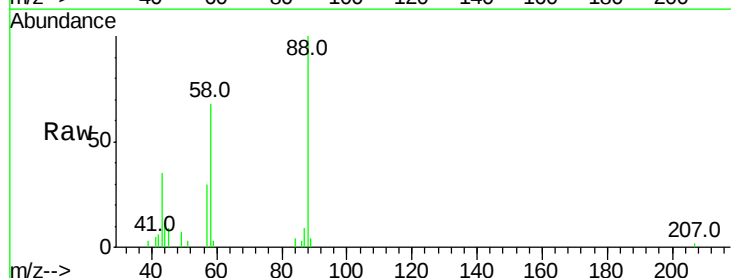


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

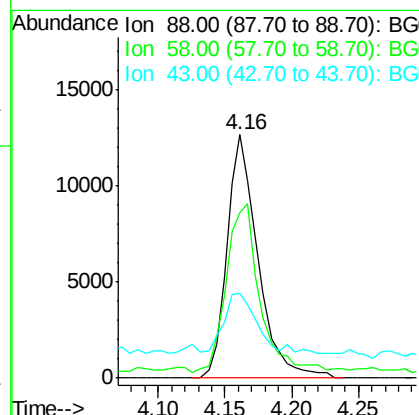
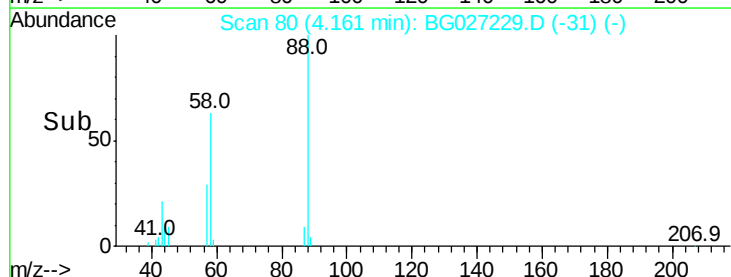


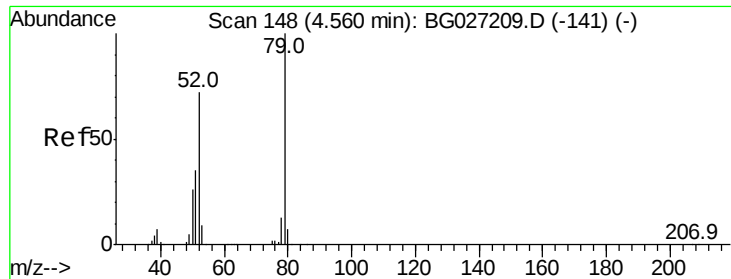
#2
1,4-Dioxane
Concen: 14.78 ng
RT: 4.16 min Scan# 80
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	79.4	119.2#
43	27.2	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: 11.88 ng

RT: 4.54 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

ClientSampleId :

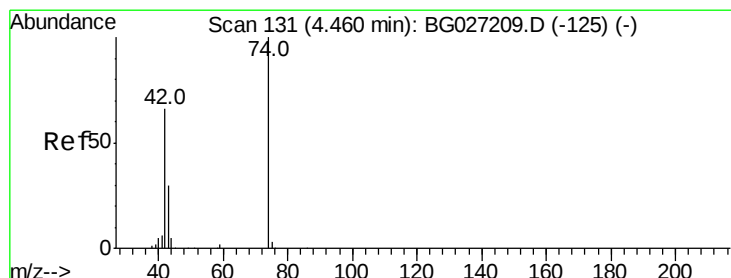
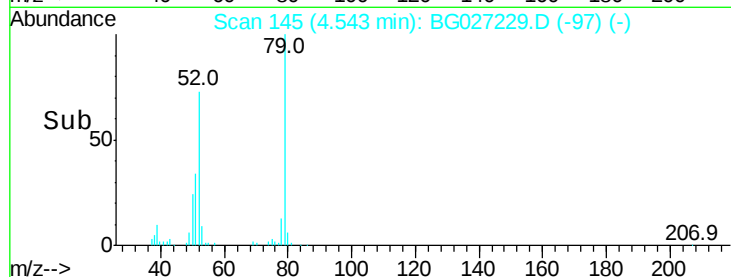
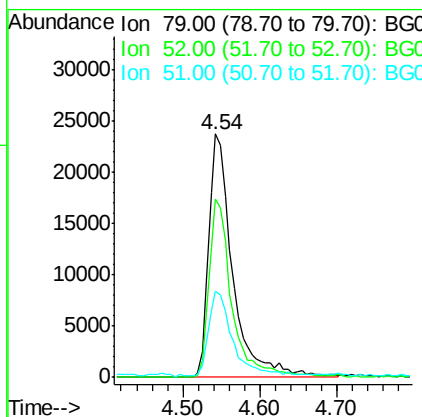
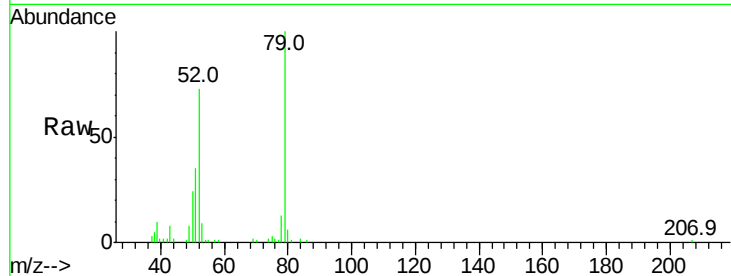
S22-0025MSD

Tot Ion: 79 Resp: 50776

Ion	Ratio	Lower	Upper
79	100		
52	73.1	77.8	116.6#
51	35.3	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 19.18 ng

RT: 4.45 min Scan# 129

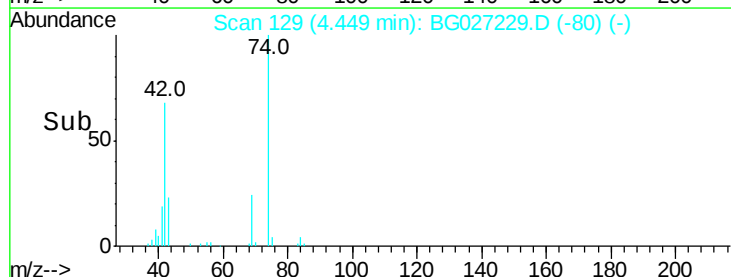
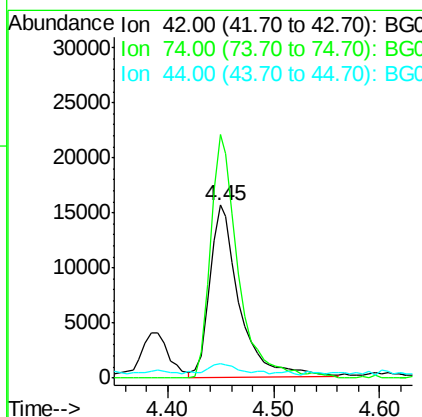
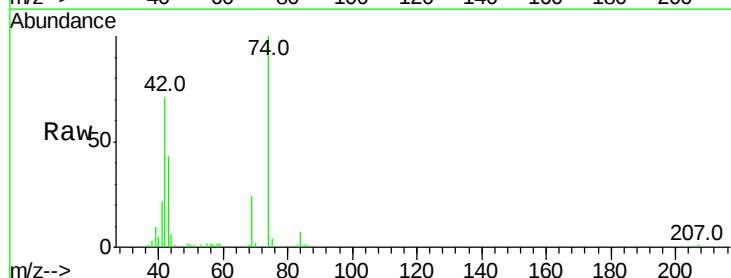
Delta R.T. -0.01 min

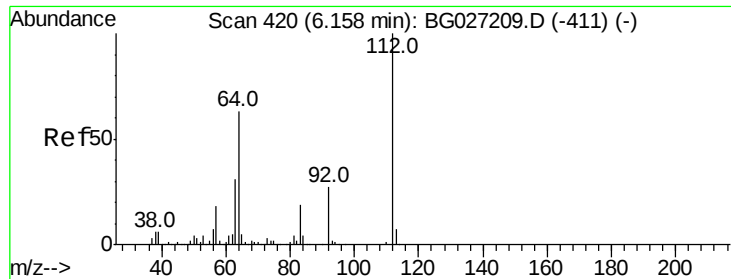
Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion: 42 Resp: 30368

Ion	Ratio	Lower	Upper
42	100		
74	140.8	76.7	115.1#
44	8.2	6.1	9.1





#5

2-Fluorophenol

Concen: 37.30 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

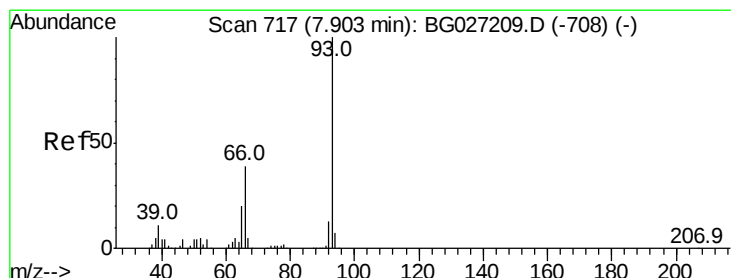
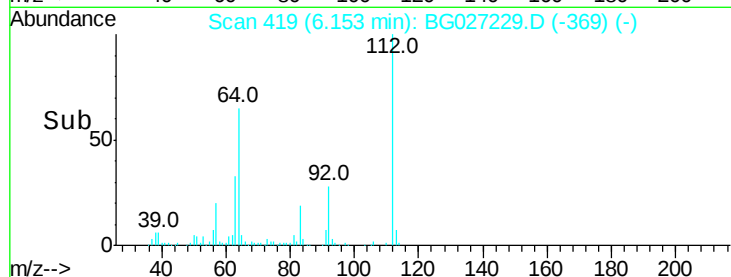
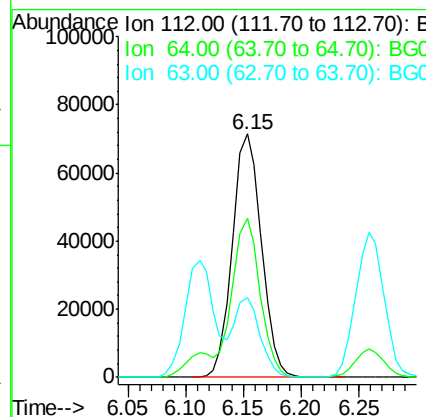
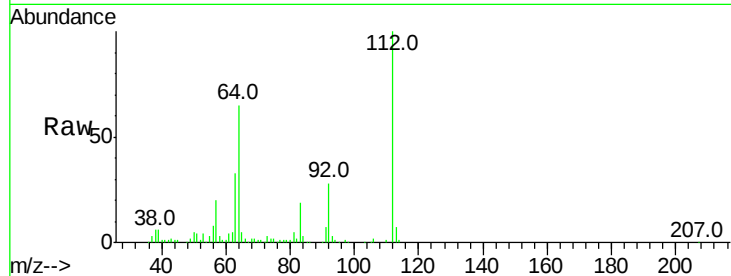
ClientSampleId :

S22-0025MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	65.2	61.8	92.6
63	32.6	37.2	55.8#

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#6

Aniline

Concen: 18.15 ng

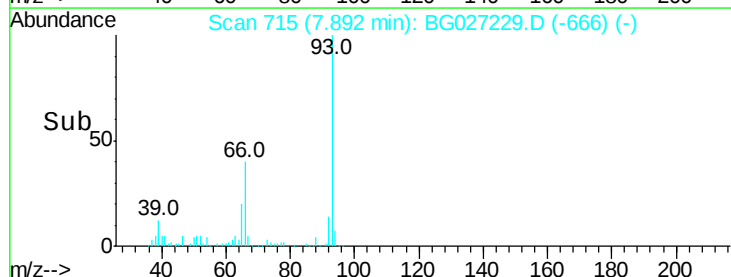
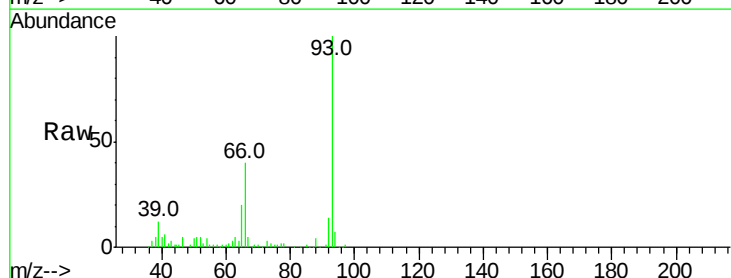
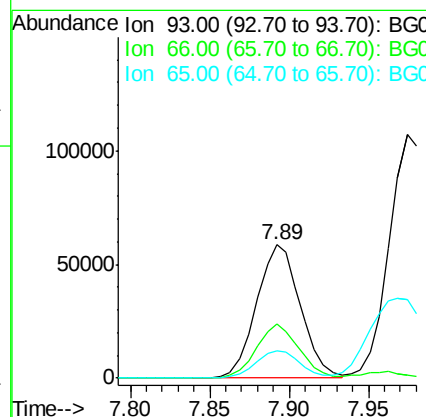
RT: 7.89 min Scan# 715

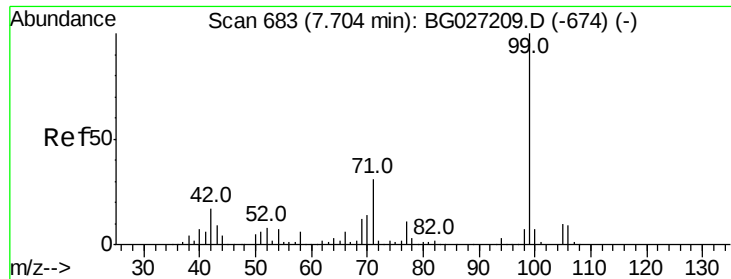
Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.3	35.4	53.2
65	20.4	21.2	31.8#





#7

Phenol-d6

Concen: 24.72 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

ClientSampleId :

S22-0025MSD

Tot Ion: 99 Resp: 121353

Ion Ratio Lower Upper

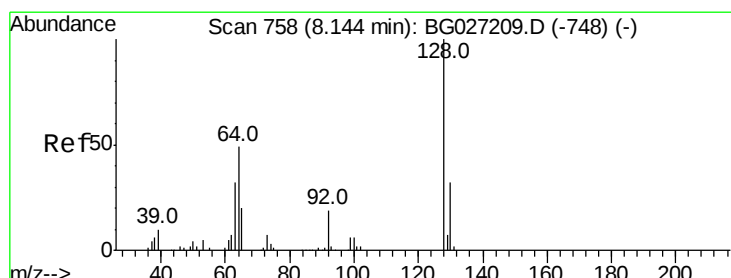
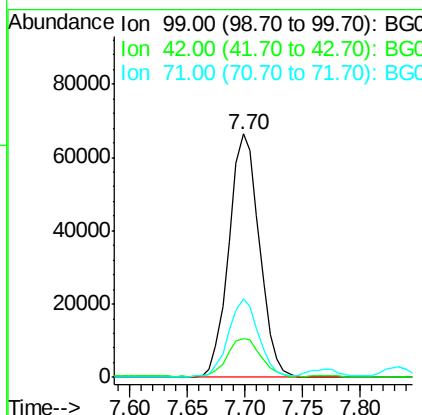
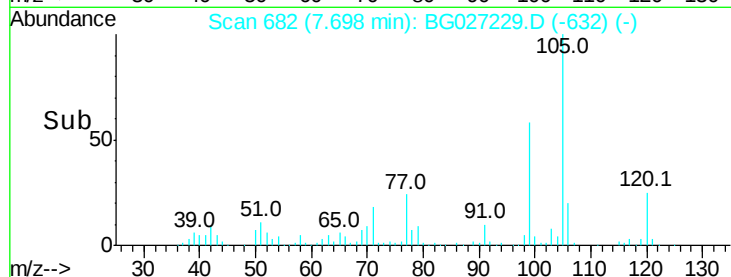
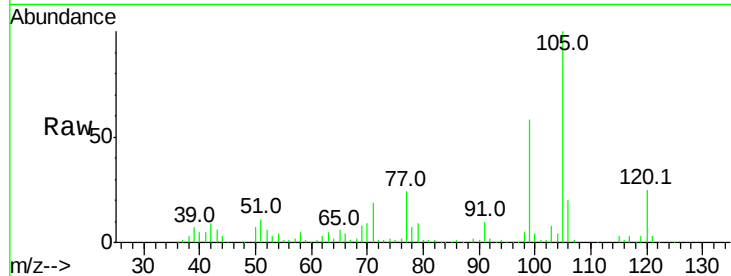
99 100

42 16.2 20.5 30.7#

71 32.0 37.6 56.4#

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#8

2-Chlorophenol

Concen: 23.83 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

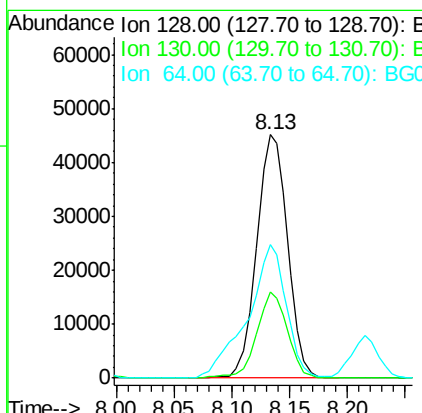
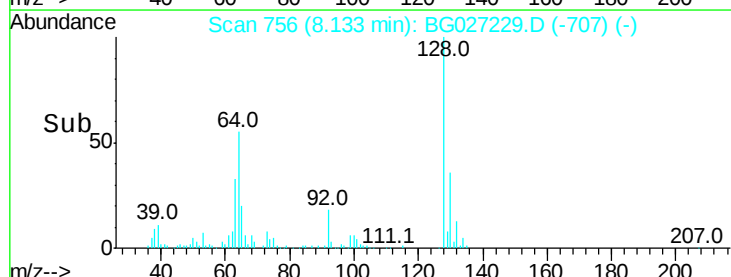
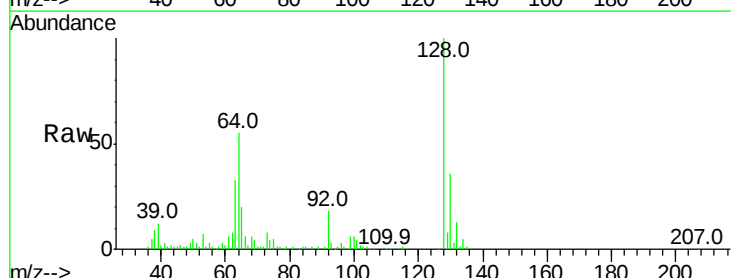
Tgt Ion: 128 Resp: 84171

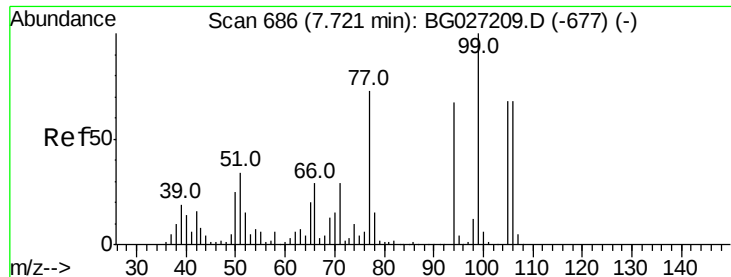
Ion Ratio Lower Upper

128 100

130 35.6 11.4 51.4

64 54.9 46.6 86.6





#9

Benzaldehyde

Concen: 35.53 ng

RT: 7.72 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

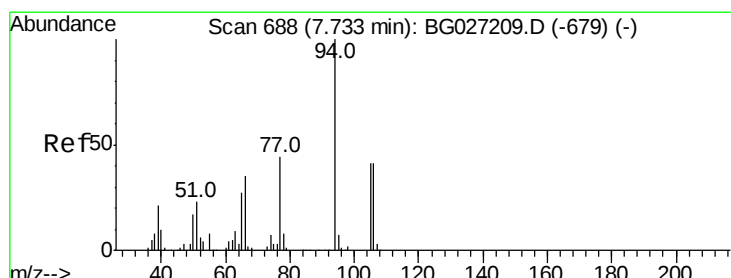
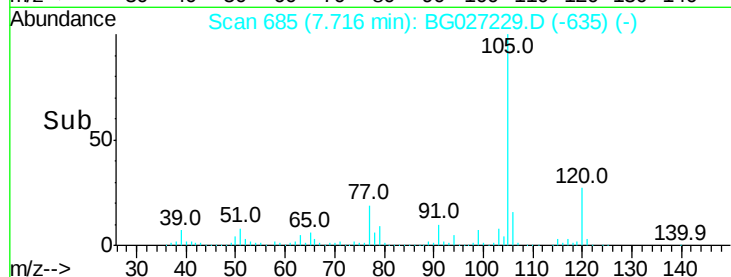
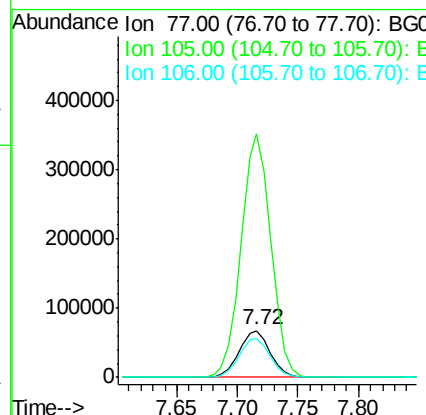
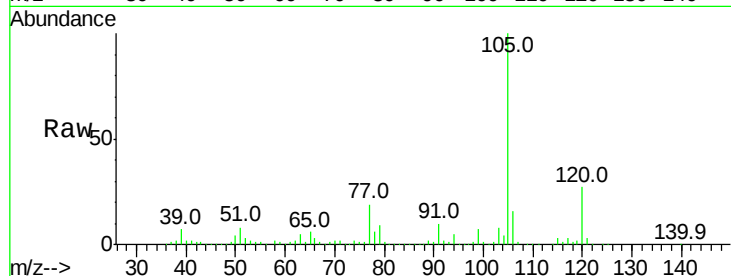
ClientSampleId :

S22-0025MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	518.0	60.9	100.9#
106	82.0	55.1	95.1

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#10

Phenol

Concen: 9.45 ng

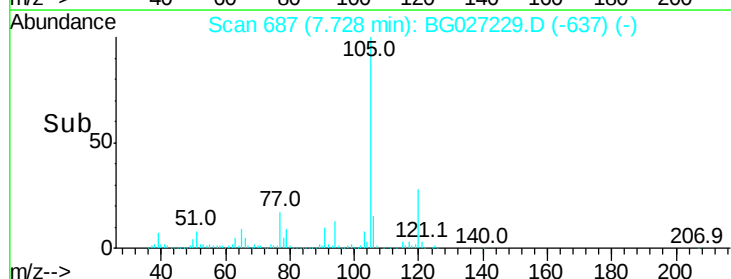
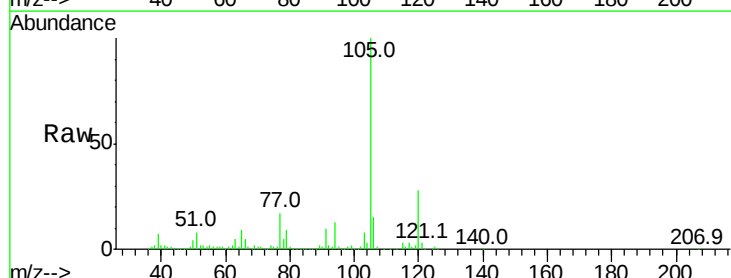
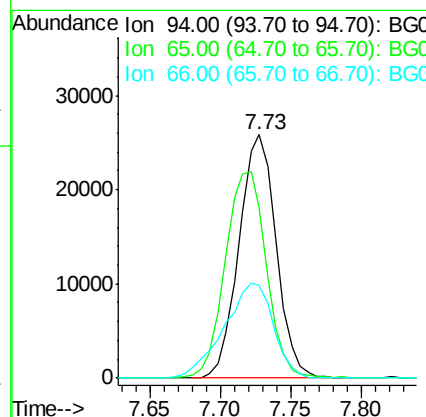
RT: 7.73 min Scan# 687

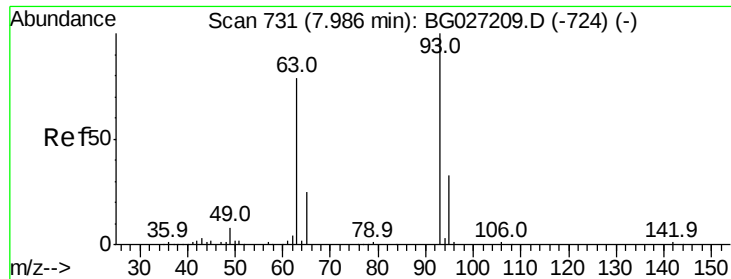
Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	69.9	20.6	60.6#
66	38.0	35.5	75.5





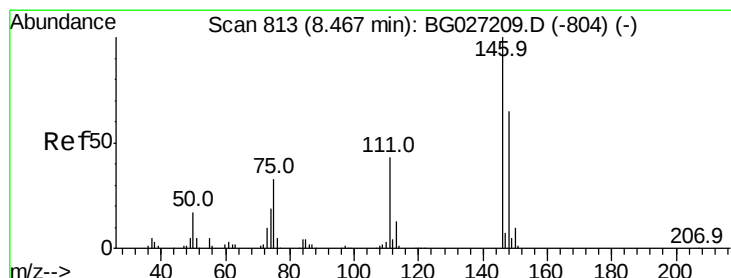
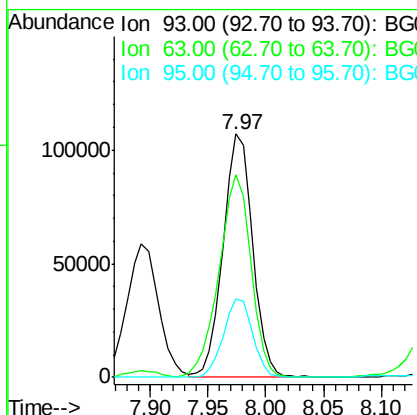
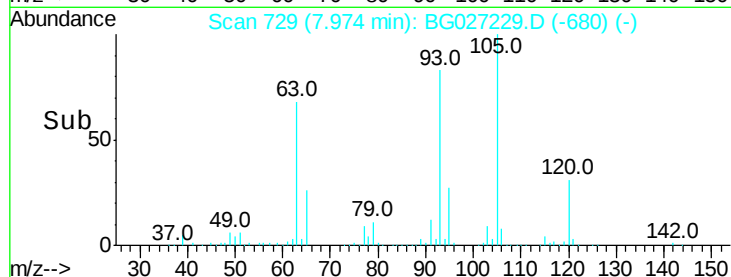
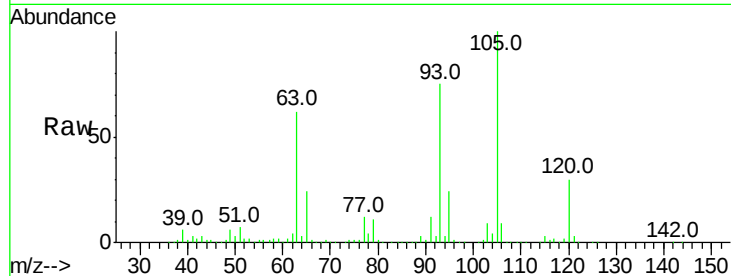
#11
bis(2-Chloroethyl)ether
Concen: 46.13 ng
RT: 7.97 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampled :
S22-0025MSD

Tot Ion:	93	Resp:	190020
Ion Ratio	Lower	Upper	
93	100		
63	83.3	78.5	118.5
95	32.4	9.8	49.8

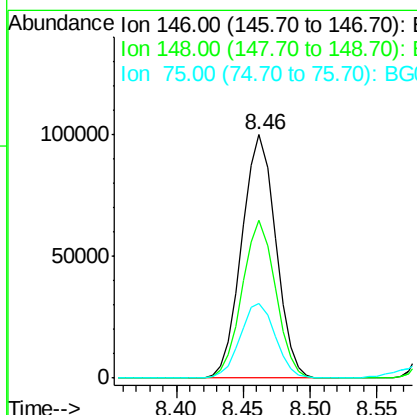
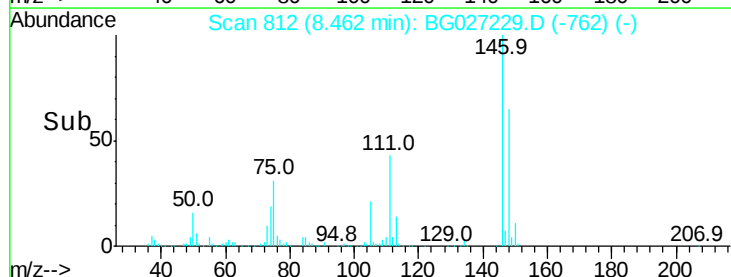
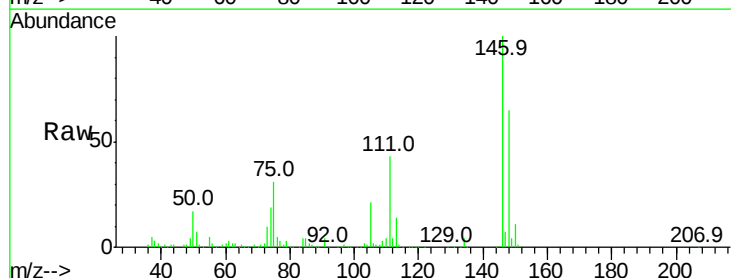
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 44.26 ng
RT: 8.46 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion:	146	Resp:	176320
Ion Ratio	Lower	Upper	
146	100		
148	64.6	49.2	73.8
75	30.9	33.4	50.2#





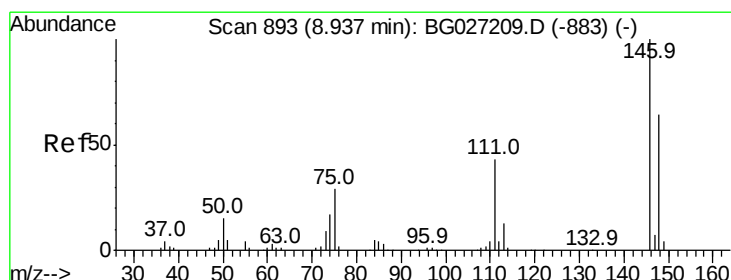
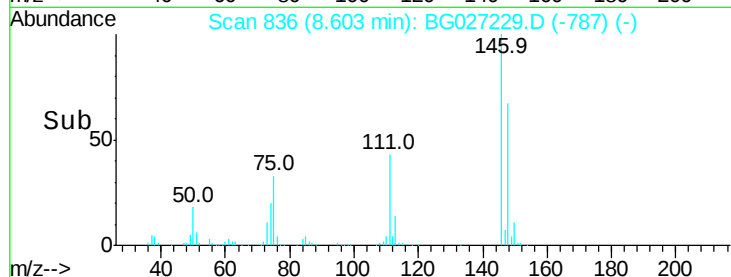
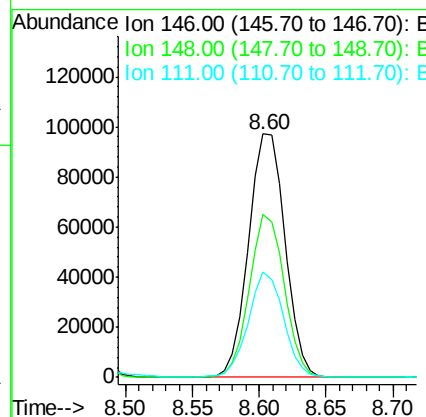
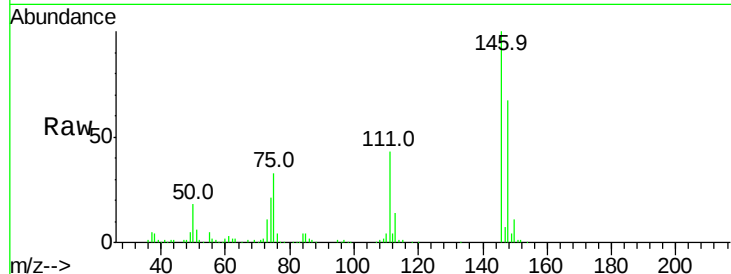
#13
1,4-Dichlorobenzene
Concen: 44.92 ng
RT: 8.60 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	183660		
148	67.1	52.2	78.2	
111	43.2	37.0	55.6	

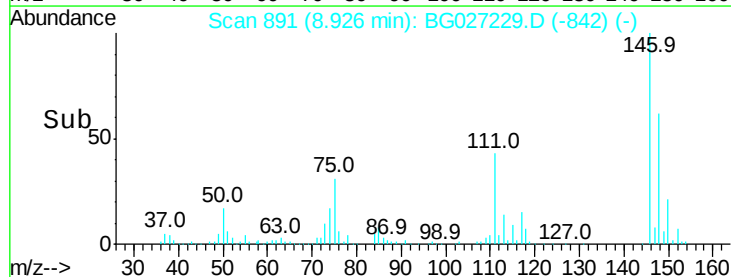
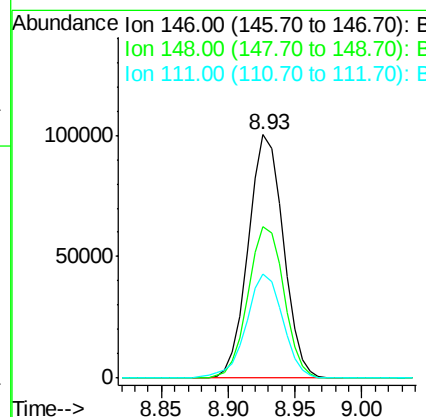
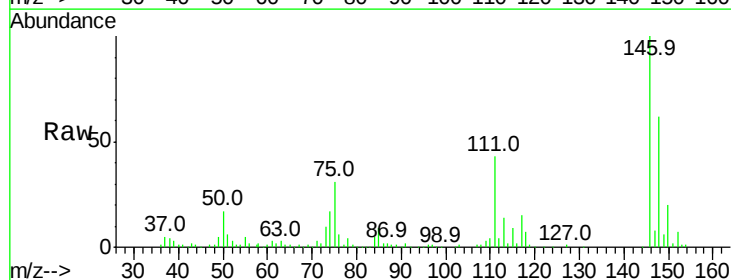
Manual Integrations
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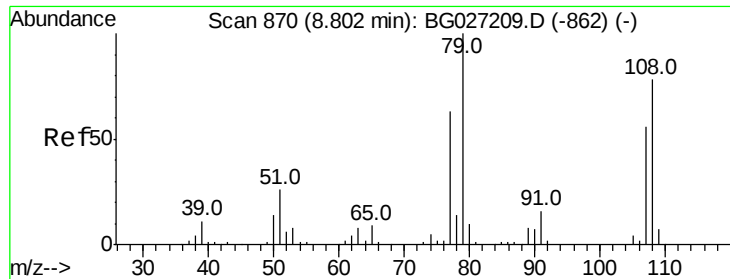
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#14
1,2-Dichlorobenzene
Concen: 45.61 ng
RT: 8.93 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	181875		
148	62.4	54.6	81.8	
111	42.9	39.7	59.5	





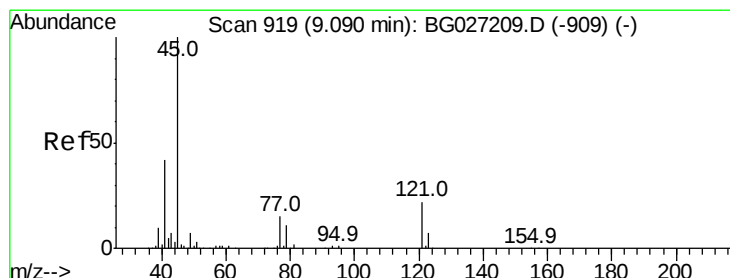
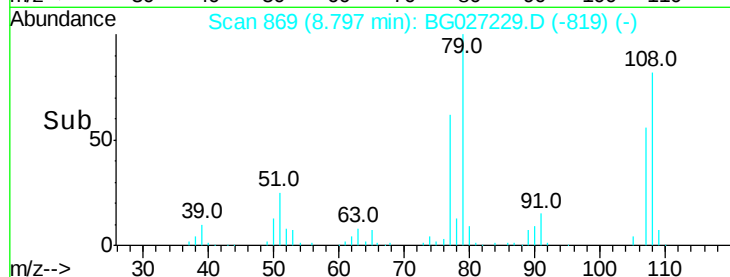
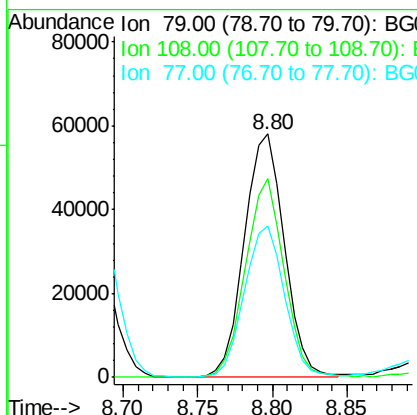
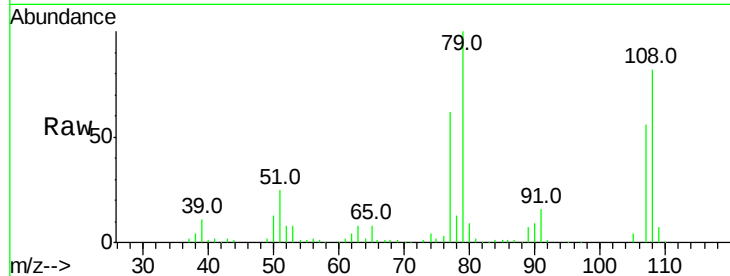
#15
Benzyl Alcohol
Concen: 31.10 ng
RT: 8.80 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.5	45.5	68.3
77	62.2	54.3	81.5

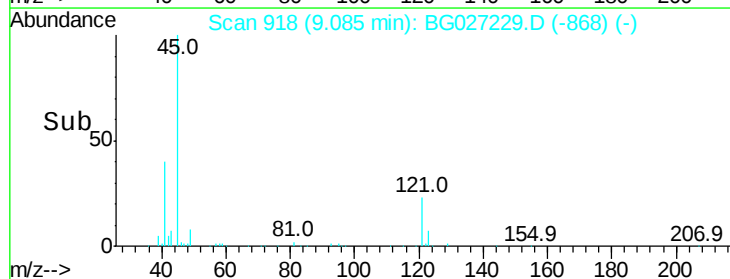
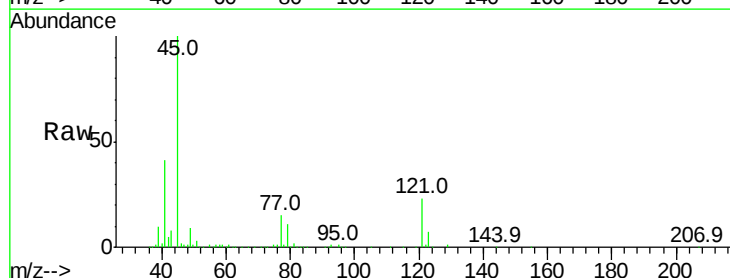
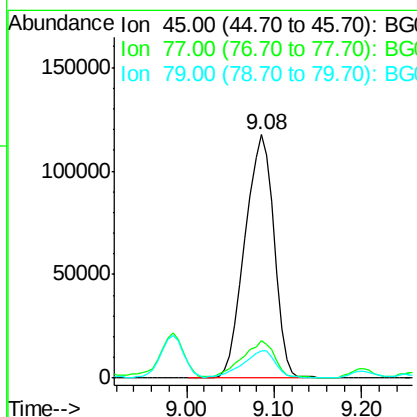
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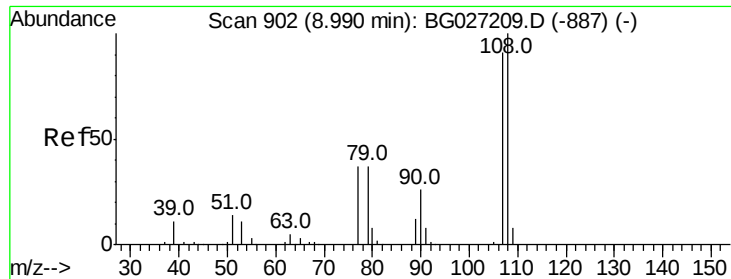
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.87 ng
RT: 9.08 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	30.6
79	11.5	0.0	28.5





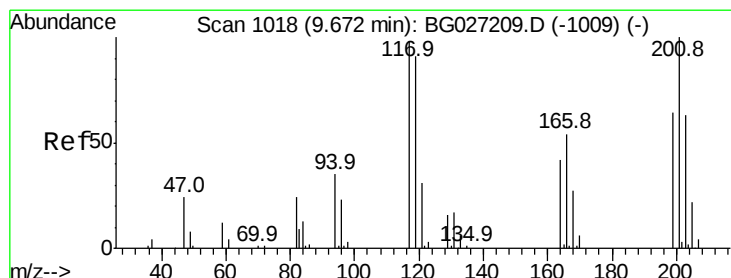
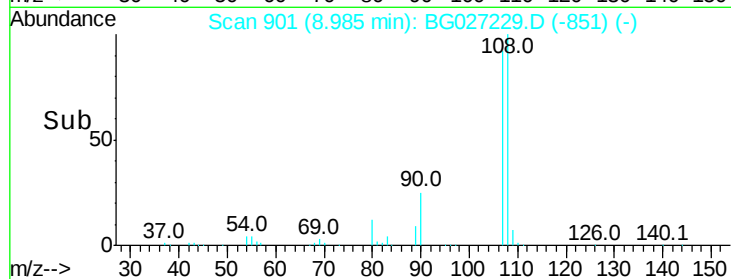
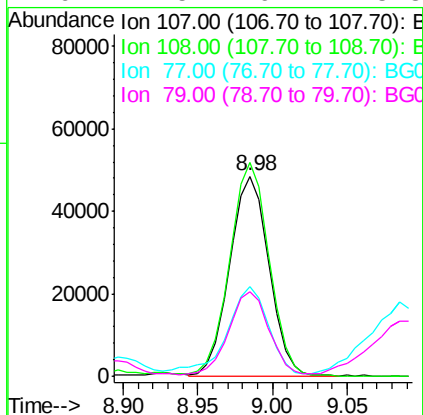
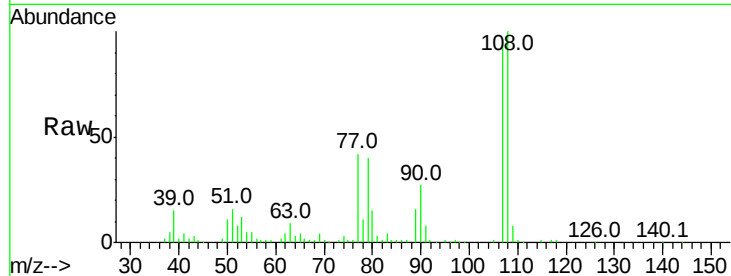
#17
2-Methylphenol
Concen: 25.09 ng
RT: 8.98 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.9	85.6	128.4
77	45.1	51.4	77.2#
79	42.5	49.2	73.8#

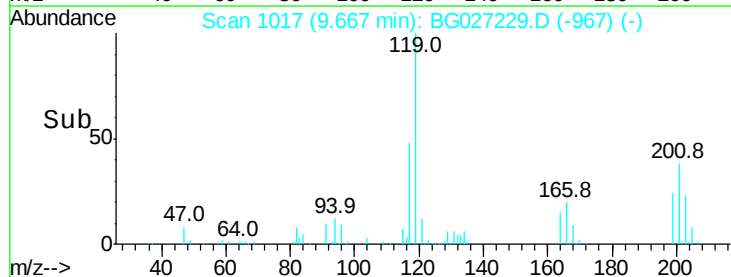
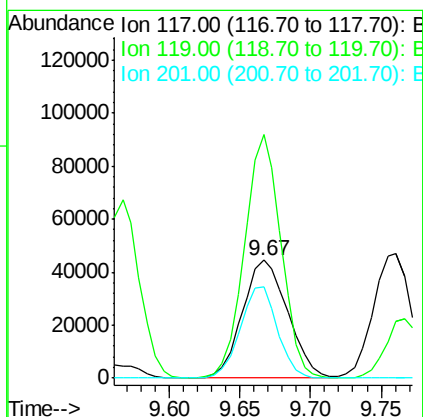
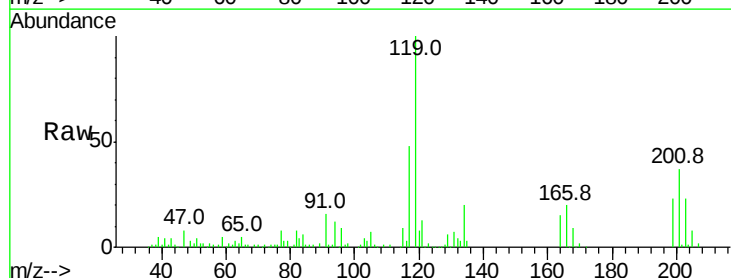
Manual Integrations
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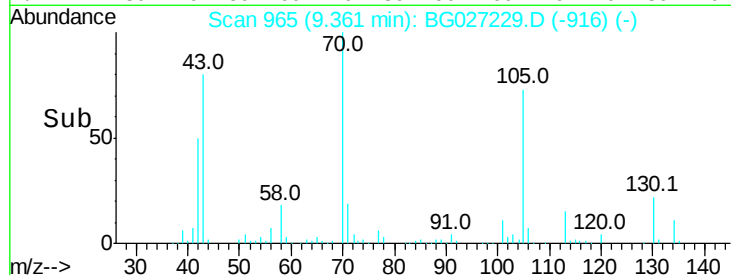
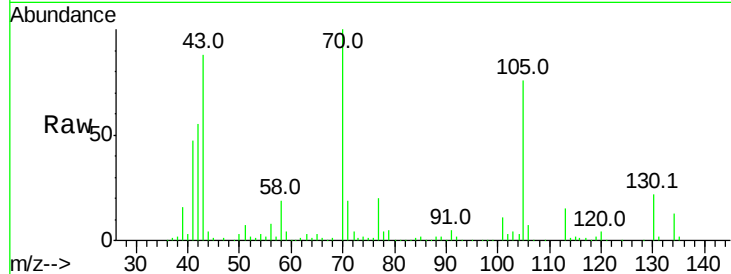
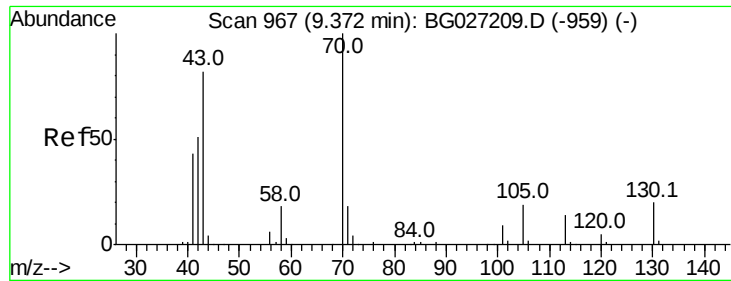
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#18
Hexachloroethane
Concen: 72.69 ng
RT: 9.67 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	206.9	69.8	104.6#
201	77.1	95.4	143.0#





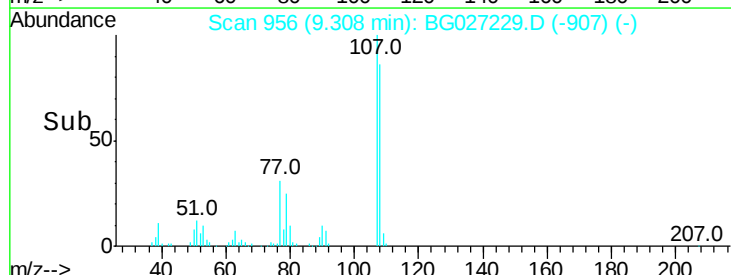
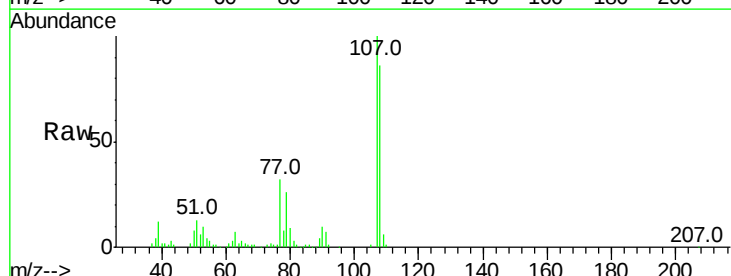
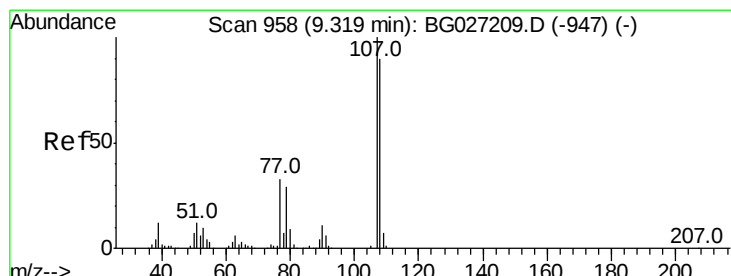
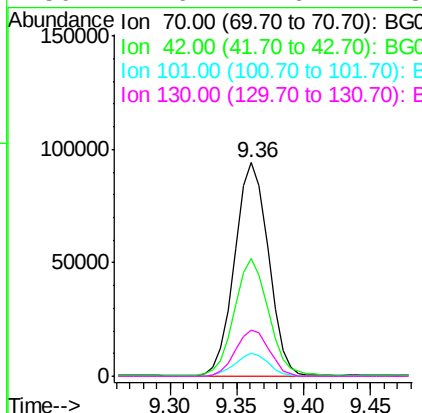
#19
n-Nitroso-di-n-propylamine
Concen: 48.25 ng
RT: 9.36 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.9	56.1	84.1#
101	10.6	7.5	11.3
130	21.6	14.6	21.8

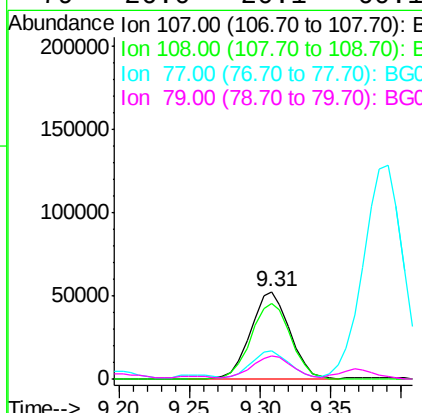
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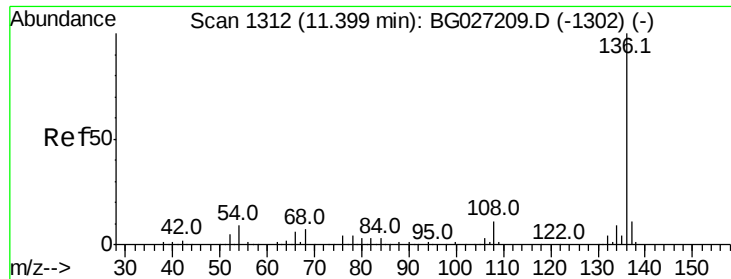
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#20
3+4-Methylphenols
Concen: 20.47 ng
RT: 9.31 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	70.8	110.8
77	31.7	25.8	65.8
79	26.0	20.1	60.1





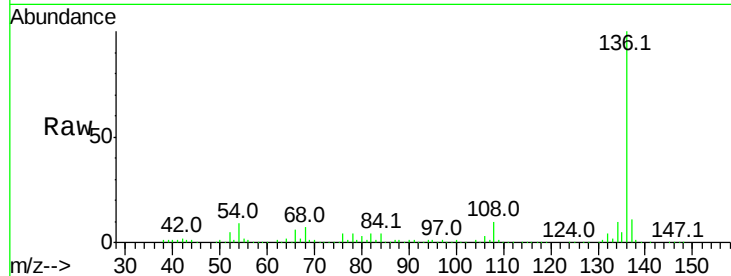
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

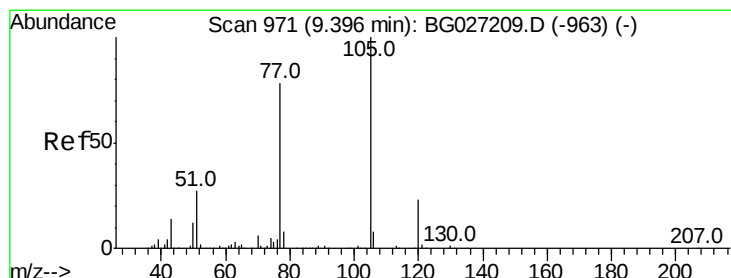
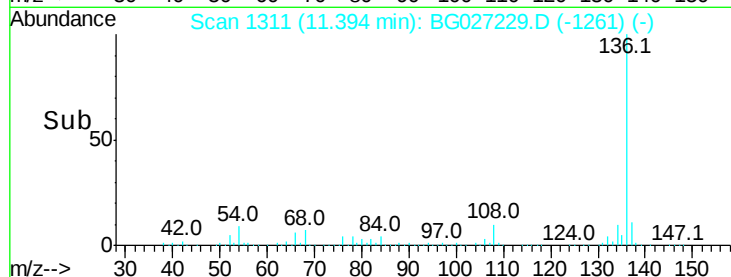
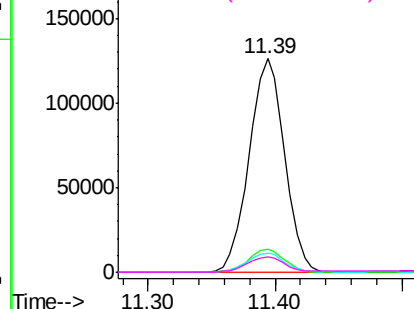
Tot Ion	Ratio	Resp	Lower	Upper
136	100	244457		
137	10.7	8.9	13.3	
54	9.1	9.3	13.9	
68	7.2	5.1	7.7	

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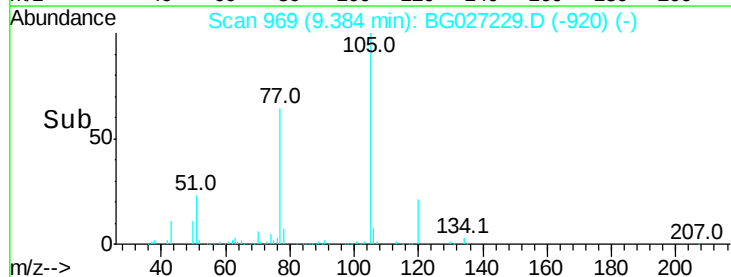
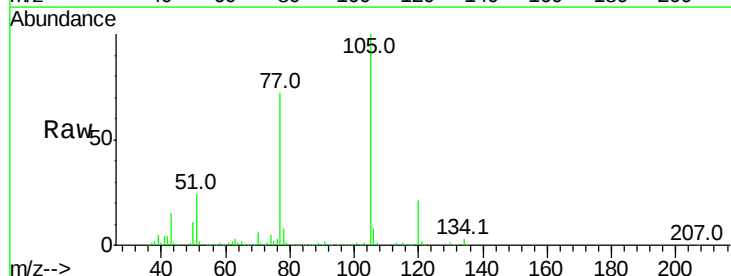
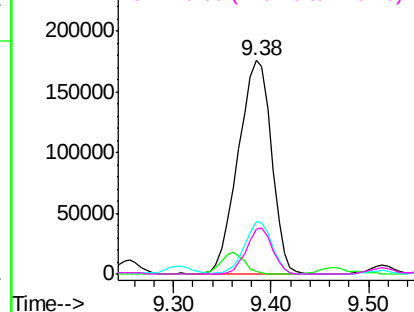
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

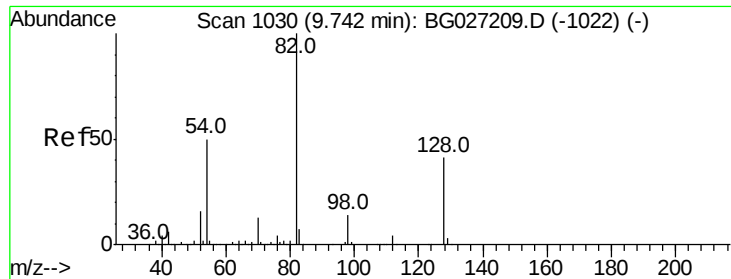


#22
Acetophenone
Concen: 66.52 ng
RT: 9.38 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	415884		
71	1.1	0.9	1.3	
51	24.5	34.0	51.0	
120	20.9	17.3	25.9	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





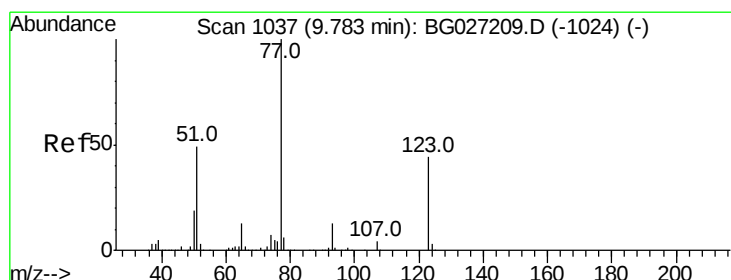
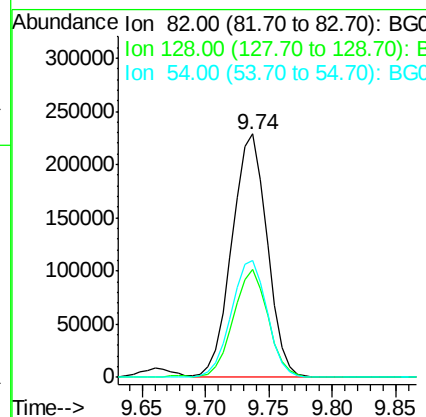
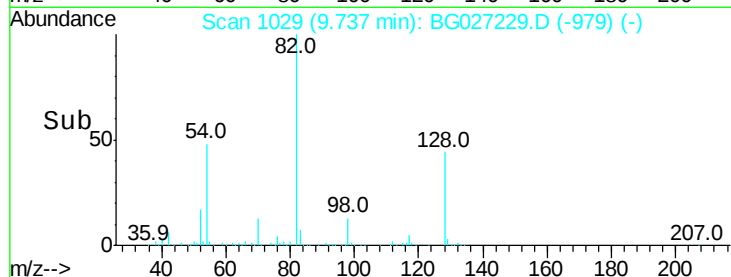
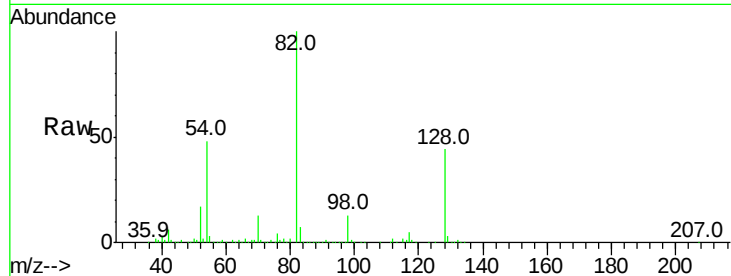
#23
Nitrobenzene-d5
Concen: 112.75 ng
RT: 9.74 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.1	26.4	39.6#	
54	48.2	49.4	74.2#	

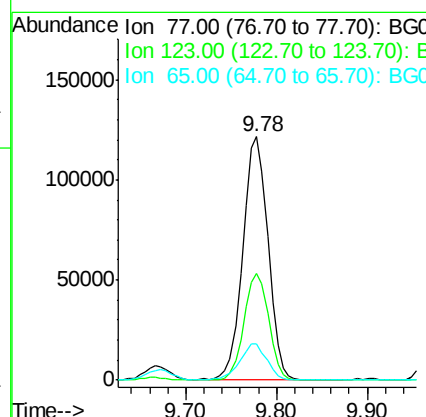
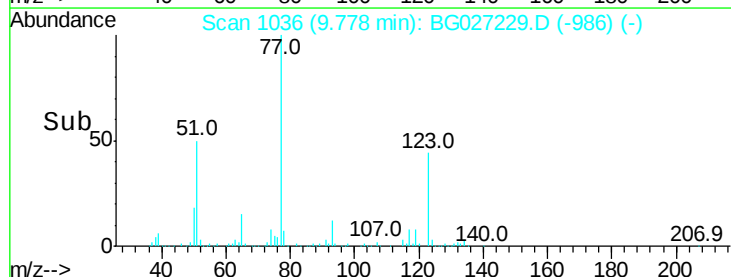
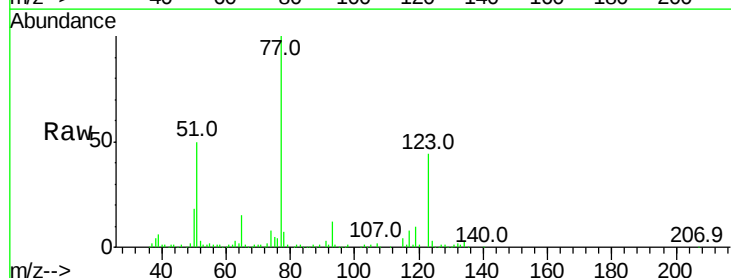
Manual Integrations
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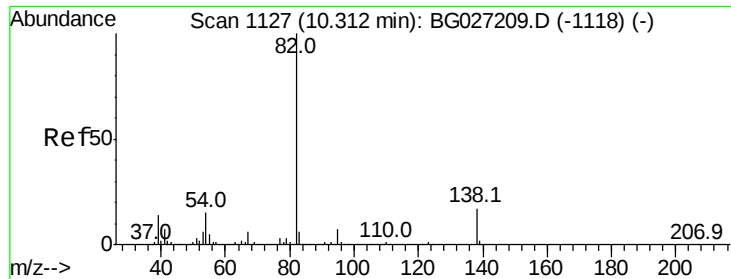
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#24
Nitrobenzene
Concen: 52.84 ng
RT: 9.78 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.0	26.1	39.1#	
65	14.7	12.4	18.6	





#25

Isophorone

Concen: 49.51 ng

RT: 10.30 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

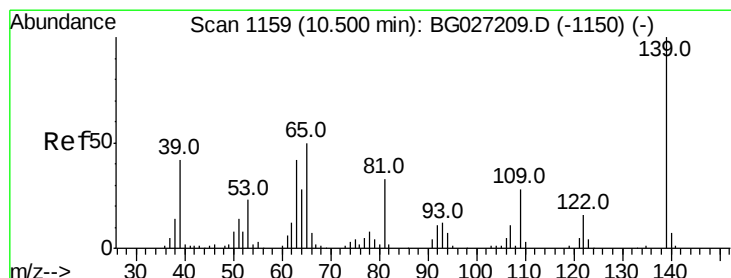
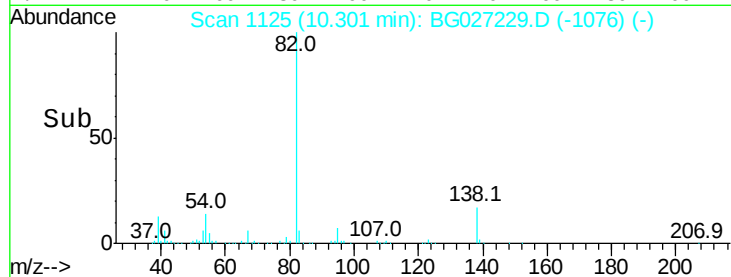
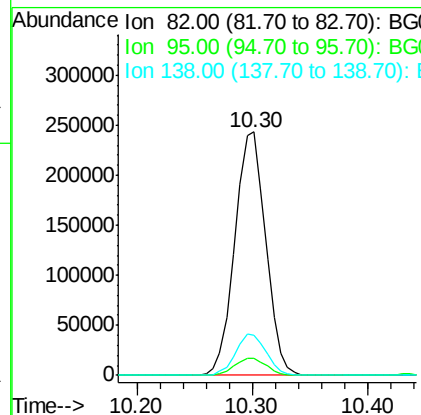
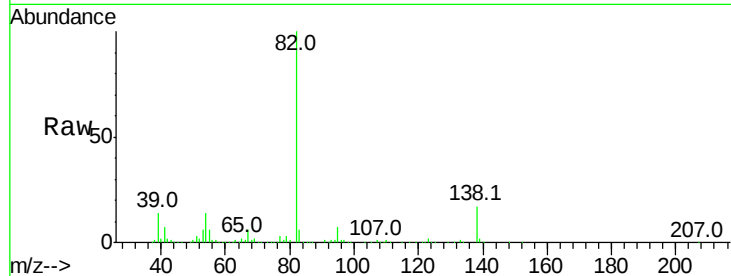
ClientSampleId :

S22-0025MSD

Tot Ion	82	Resp	452564
Ion	Ratio	Lower	Upper
82	100		
95	7.1	7.5	11.3#
138	16.6	12.3	18.5

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#26

2-Nitrophenol

Concen: 31.32 ng

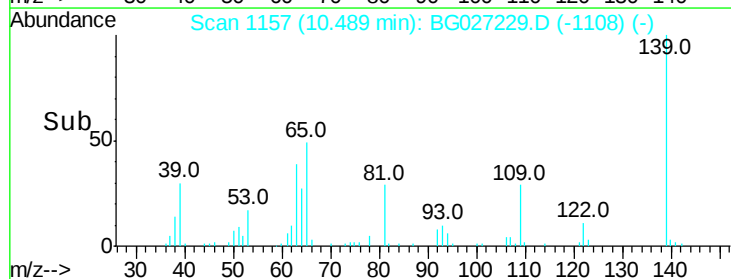
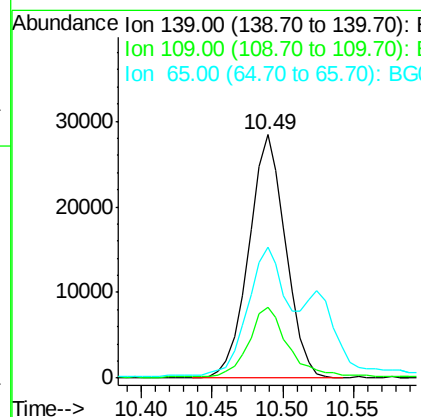
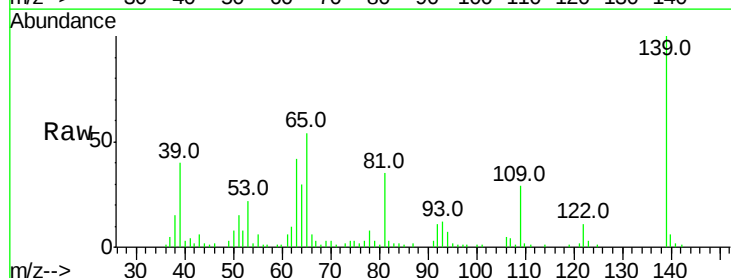
RT: 10.49 min Scan# 1157

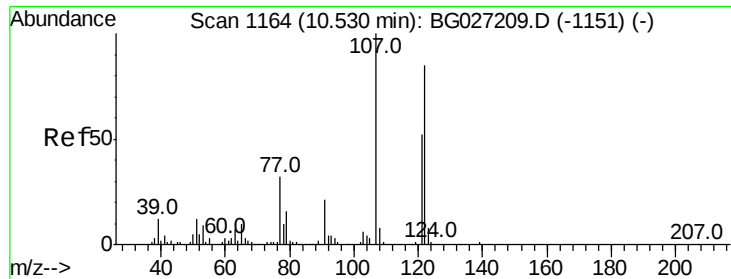
Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion	139	Resp	51809
Ion	Ratio	Lower	Upper
139	100		
109	28.9	38.6	58.0#
65	53.8	57.1	85.7#





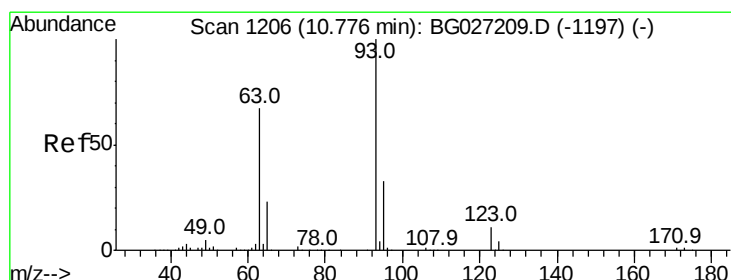
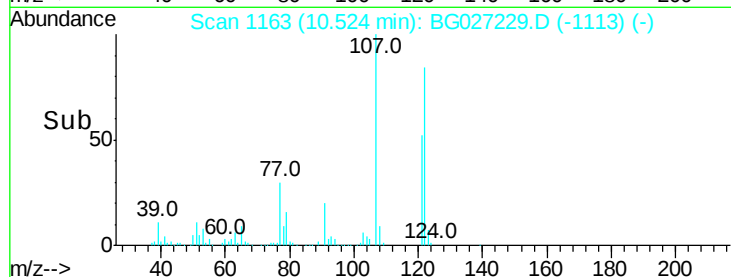
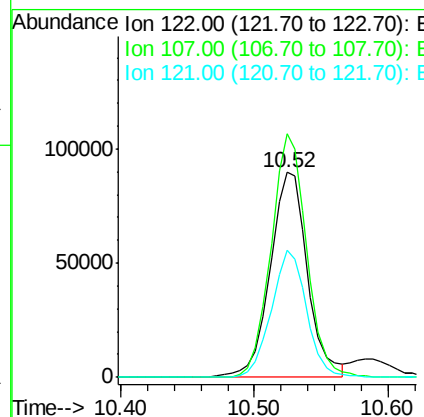
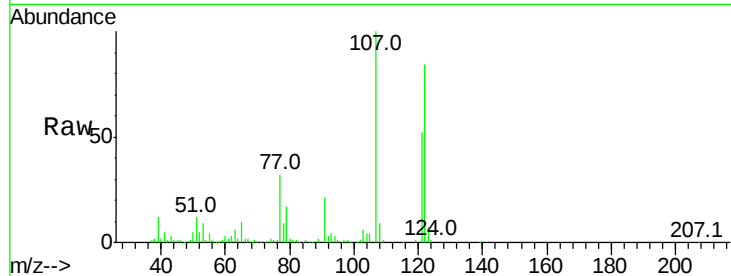
#27
 2,4-Dimethylphenol
 Concen: 44.25 ng
 RT: 10.52 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.7	104.2	156.4
121	61.9	46.0	69.0

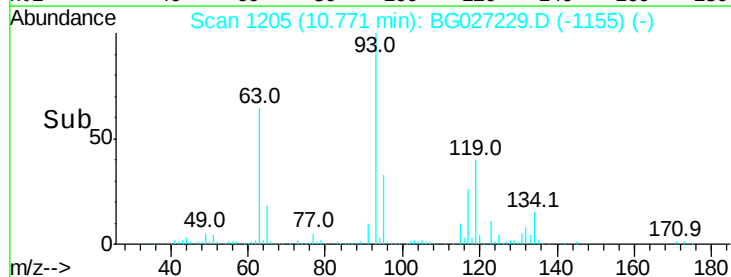
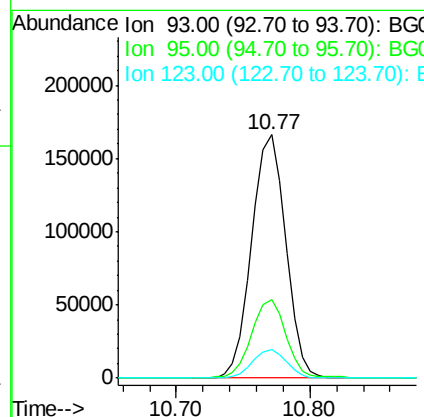
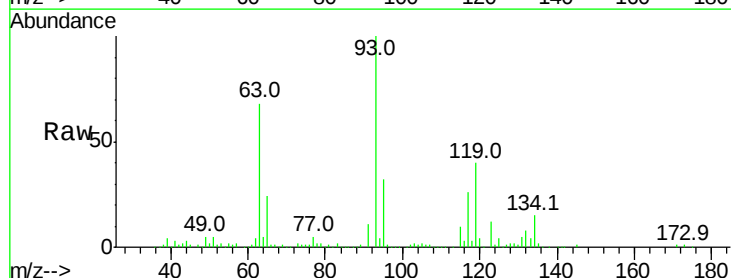
Manual Integrations
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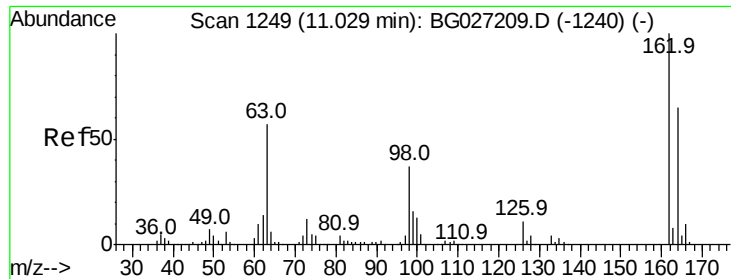
mohammad
 6/6/2017 5:14:28 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.63 ng
 RT: 10.77 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.7	38.5
123	11.6	8.3	12.5





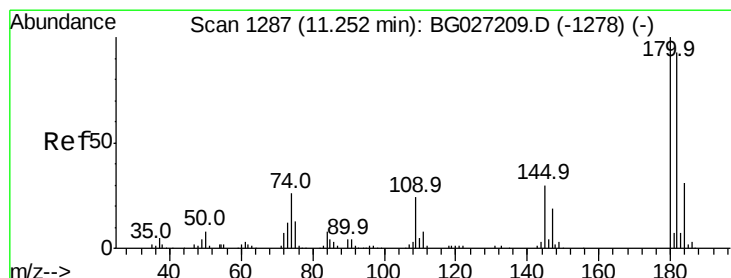
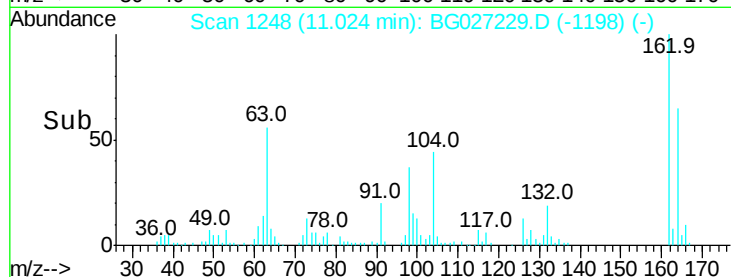
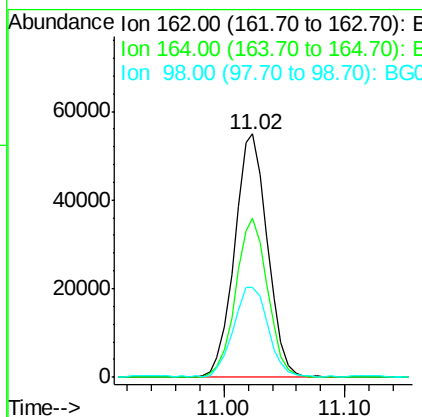
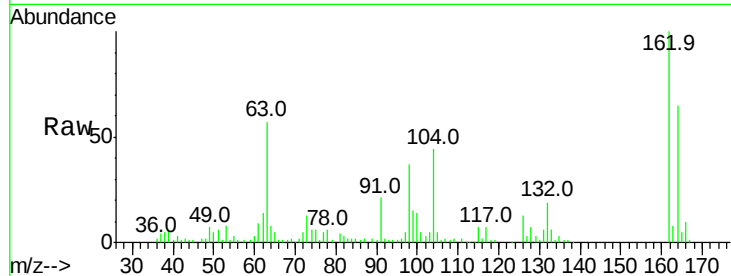
#29
 2,4-Dichlorophenol
 Concen: 28.98 ng
 RT: 11.02 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.3	42.4	82.4
98	37.1	20.3	60.3

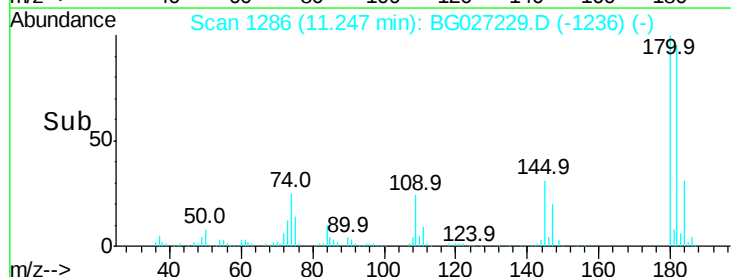
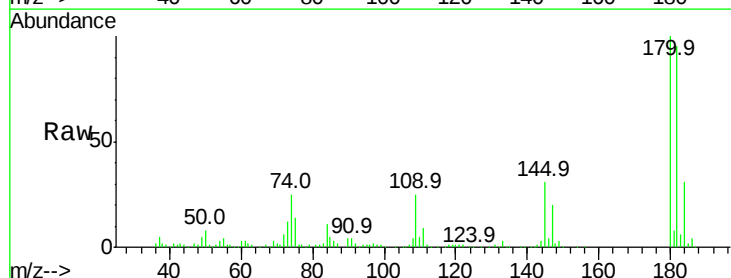
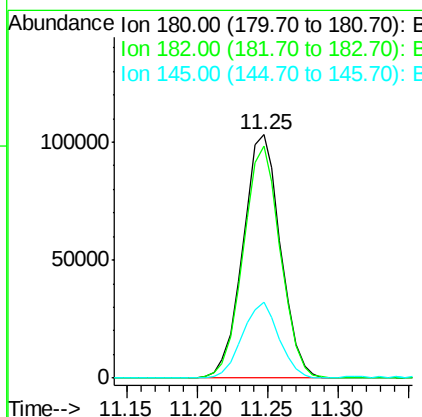
Manual Integrations
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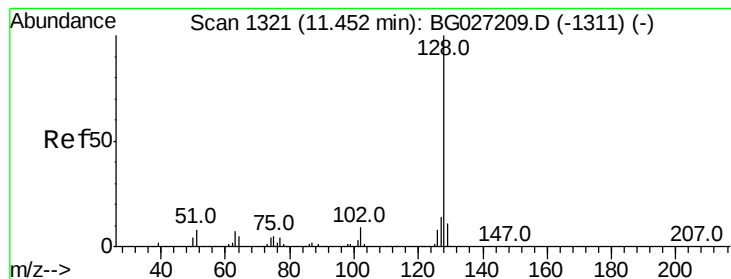
mohammad
 6/6/2017 5:14:28 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.29 ng
 RT: 11.25 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	77.0	115.4
145	31.1	23.4	35.0





#31

Naphthalene

Concen: 97.62 ng

RT: 11.45 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

ClientSampleId :

S22-0025MSD

Tot Ion:128 Resp: 1304190

Ion Ratio Lower Upper

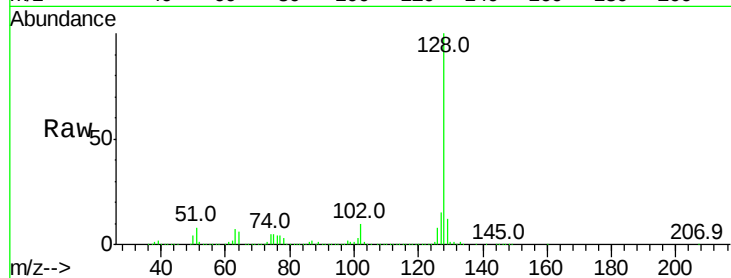
128 100

129 11.8 9.3 13.9

127 14.9 11.4 17.0

Manual Integrations
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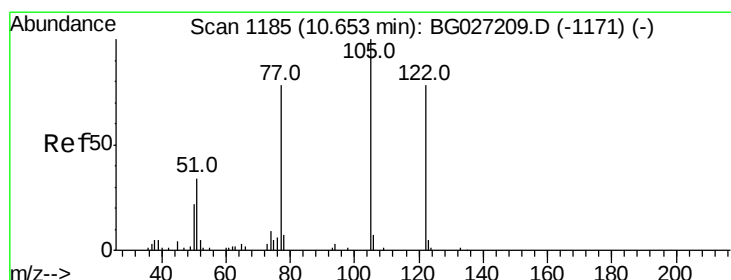
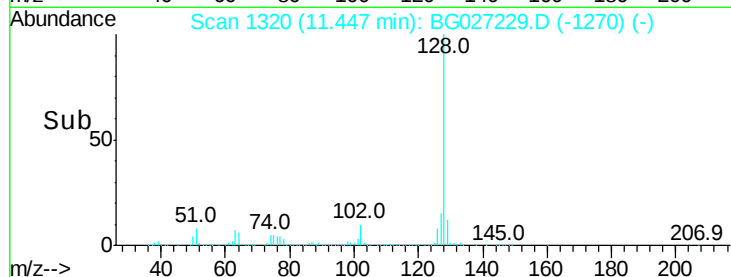
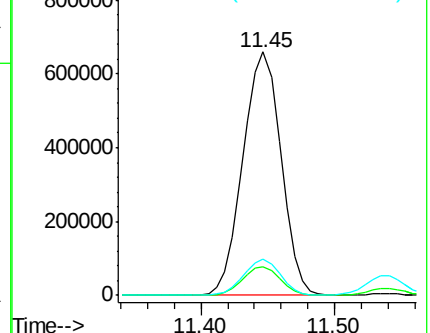
mohammad
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.37 ng

RT: 10.59 min Scan# 1174

Delta R.T. -0.06 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

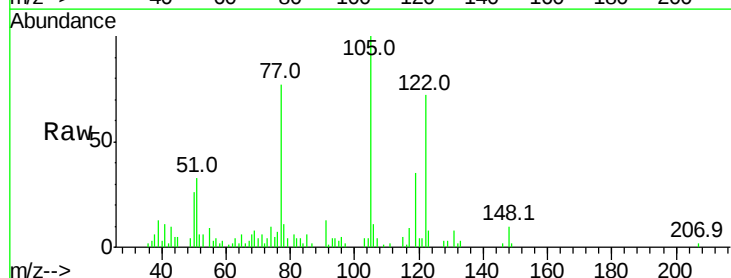
Tgt Ion:122 Resp: 17464

Ion Ratio Lower Upper

122 100

105 138.1 120.1 160.1

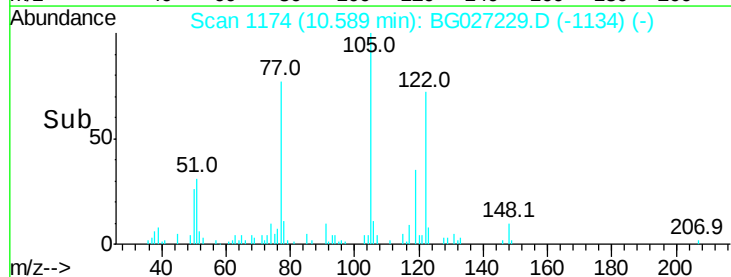
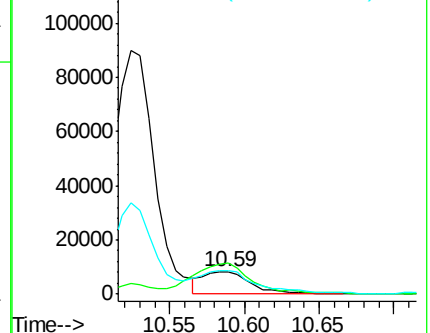
77 106.7 104.6 144.6

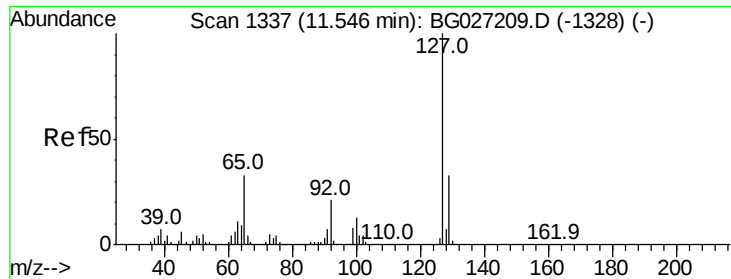


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





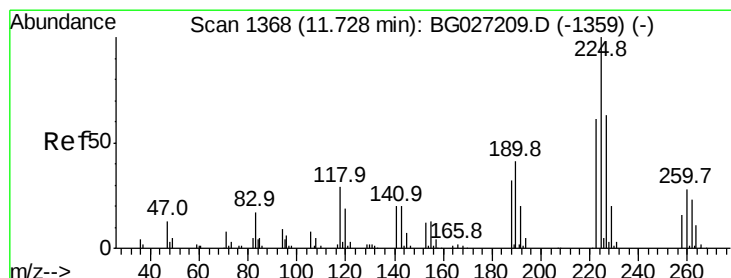
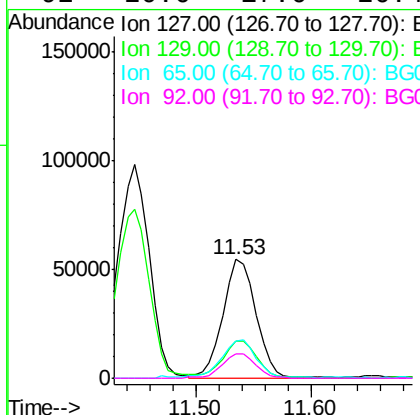
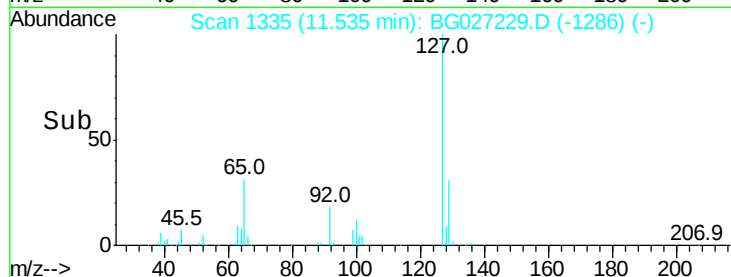
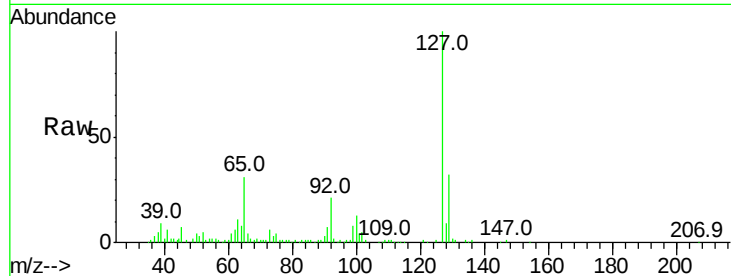
#33
4-Chloroaniline
Concen: 19.25 ng
RT: 11.53 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	23.6	35.4
65	31.5	37.7	56.5
92	20.6	17.6	26.4

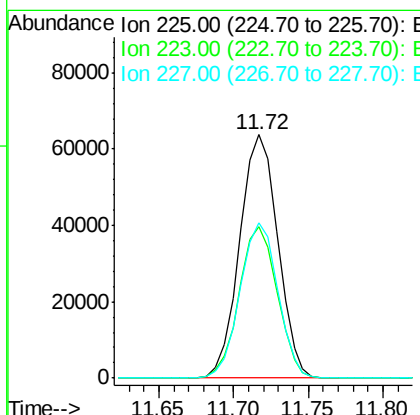
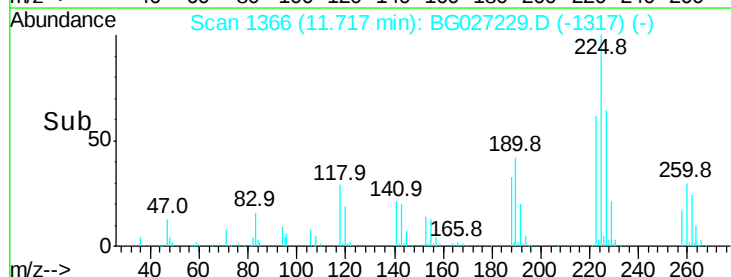
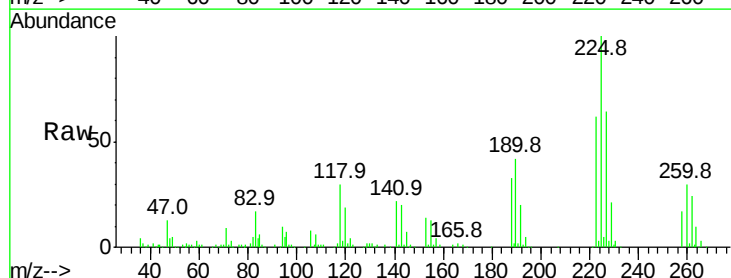
Manual Integrations
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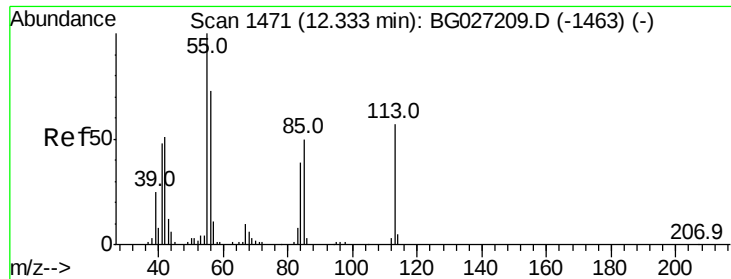
mohammad
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#34
Hexachlorobutadiene
Concen: 46.25 ng
RT: 11.72 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.7	76.1
227	63.7	49.0	73.6





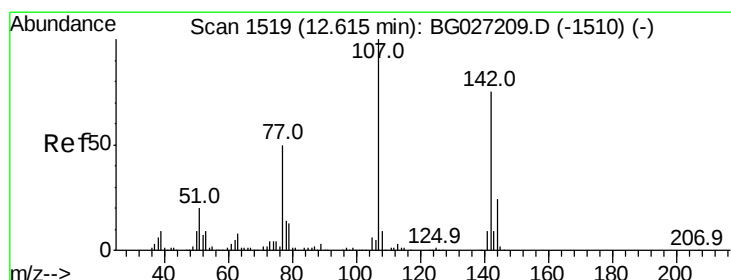
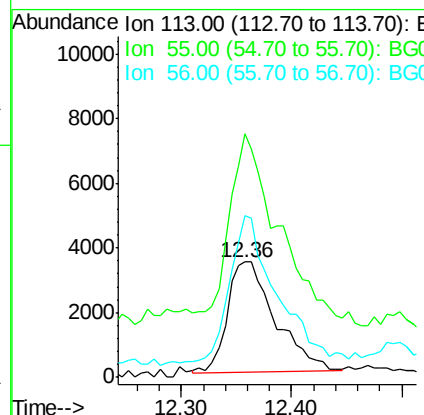
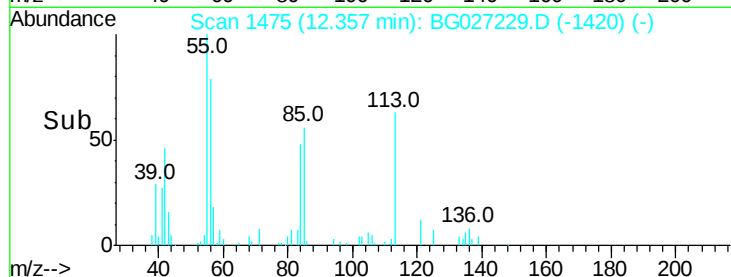
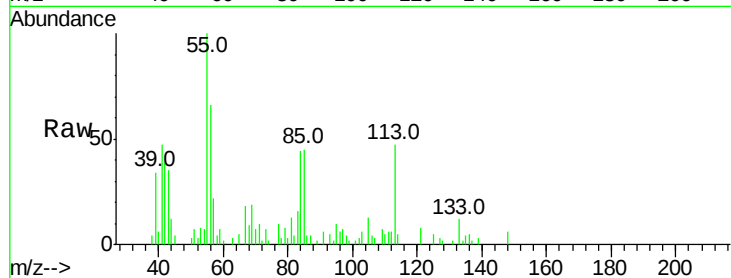
#35
 Caprolactam
 Concen: 8.41 ng
 RT: 12.36 min Scan# 1475
 Delta R.T. 0.02 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	211.4	198.6	238.6
56	140.5	140.4	180.4

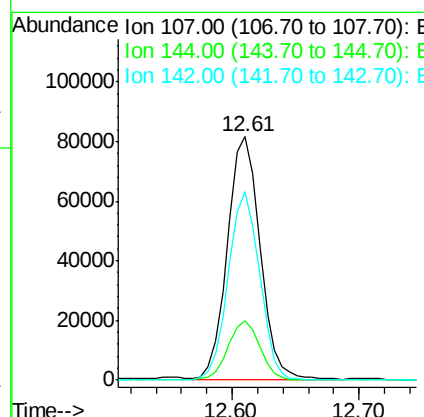
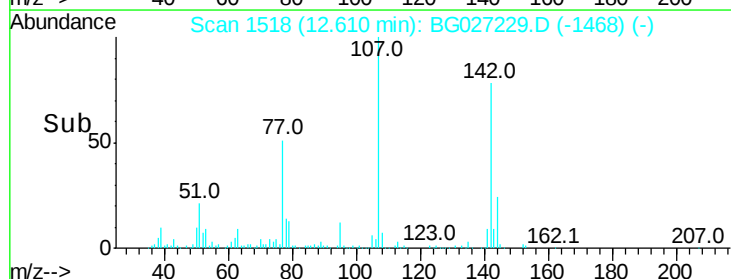
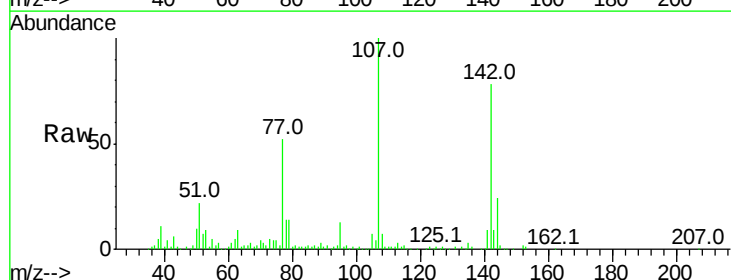
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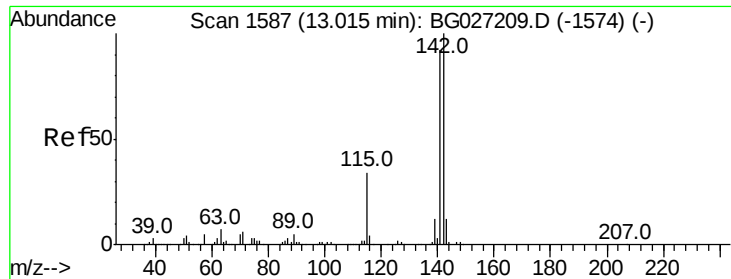
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 32.30 ng
 RT: 12.61 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	17.4	26.0
142	77.7	54.1	81.1





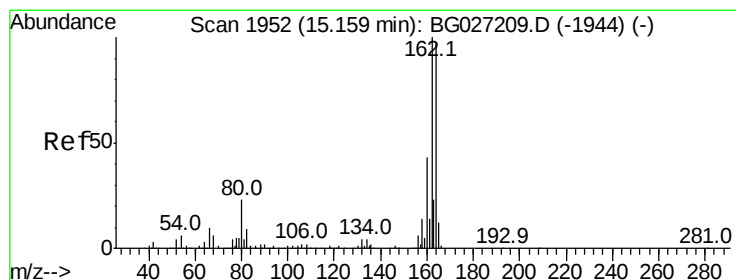
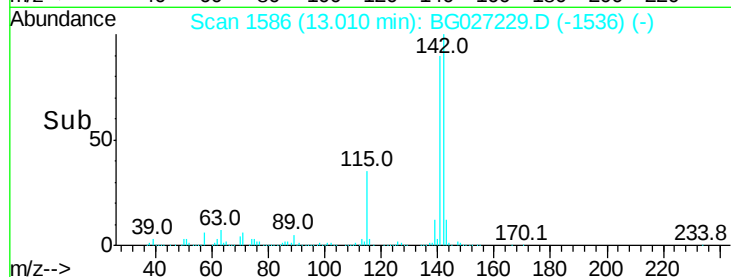
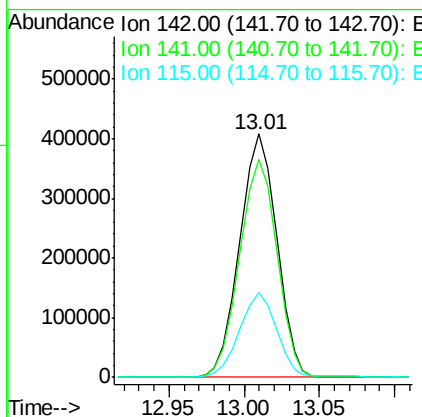
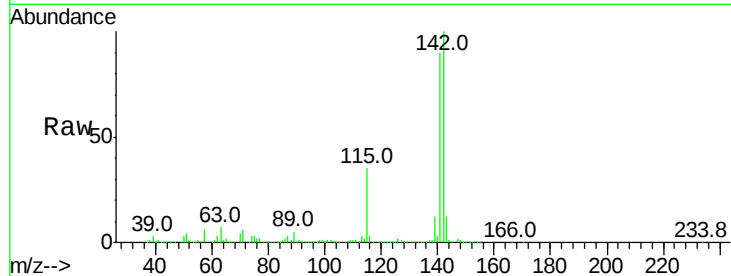
#37
2-Methylnaphthalene
Concen: 71.37 ng/ml
RT: 13.01 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.4	105.6
115	34.6	35.5	53.3

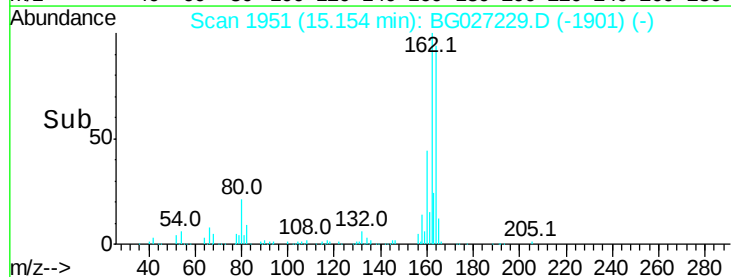
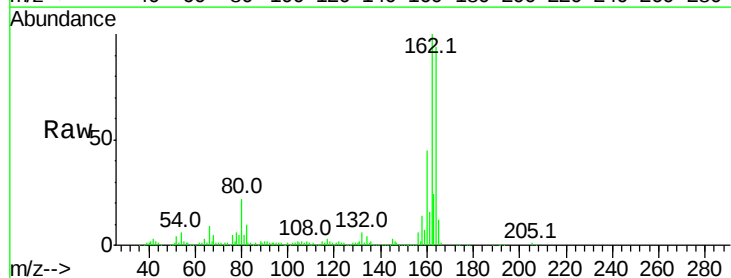
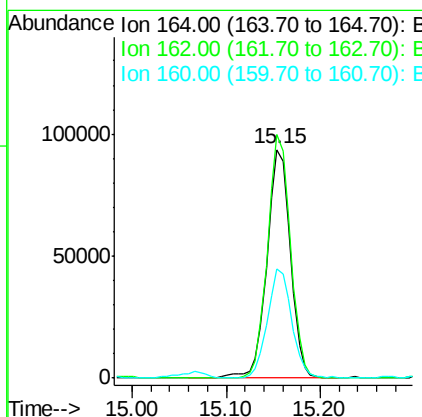
Manual Integrations
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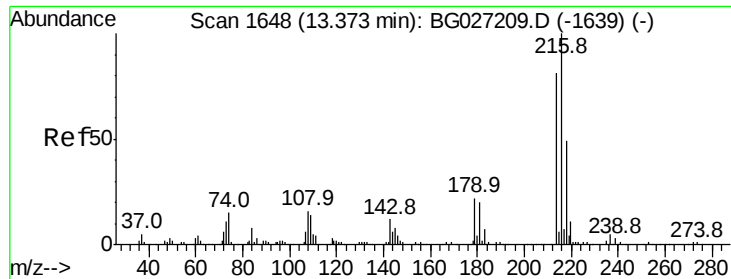
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	85.1	127.7
160	47.8	34.7	52.1





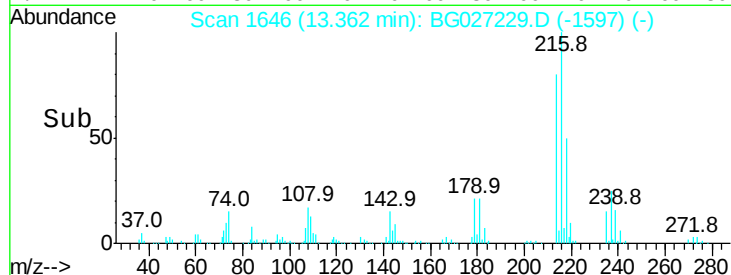
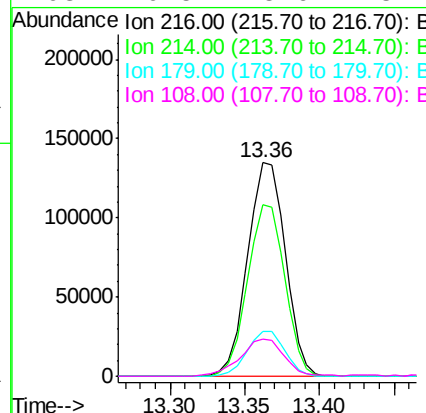
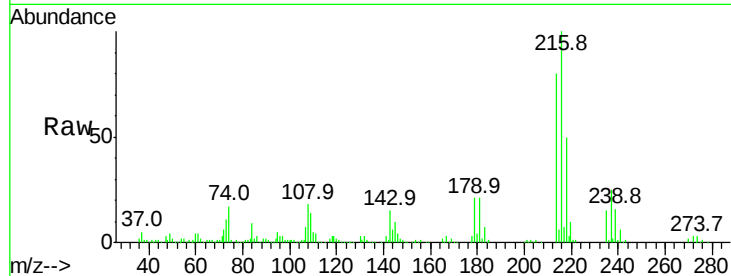
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.68 ng
 RT: 13.36 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	64.4	96.6
179	21.0	17.4	26.0
108	20.5	15.6	23.4

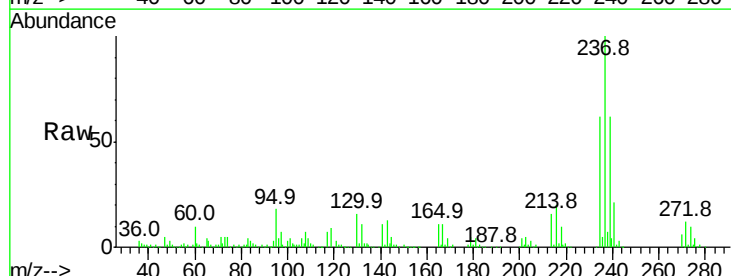
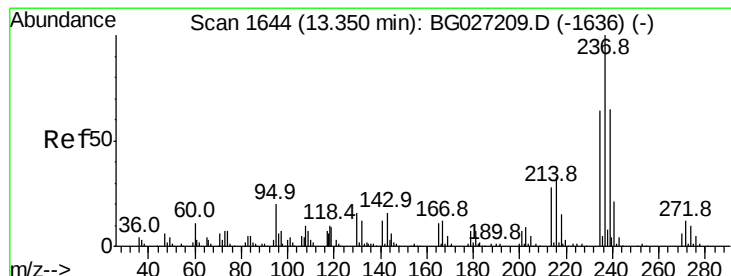
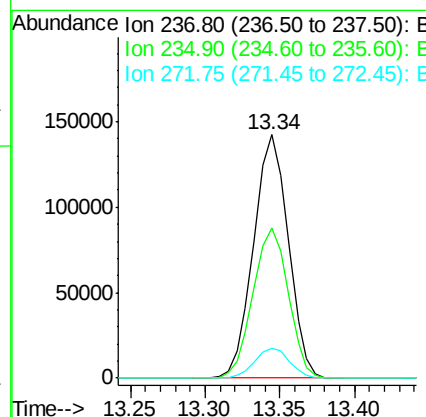
Manual Integrations
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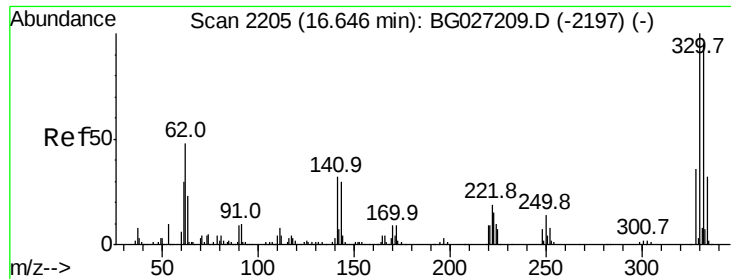
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#40
 Hexachlorocyclopentadiene
 Concen: 85.21 ng
 RT: 13.34 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	39.4	79.4
272	12.1	0.0	32.0





#41

2,4,6-Tribromophenol

Concen: 89.24 ng

RT: 16.64 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

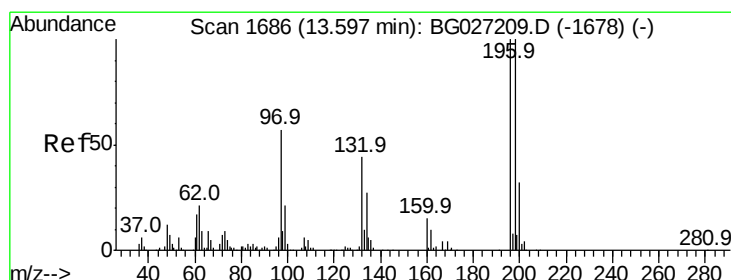
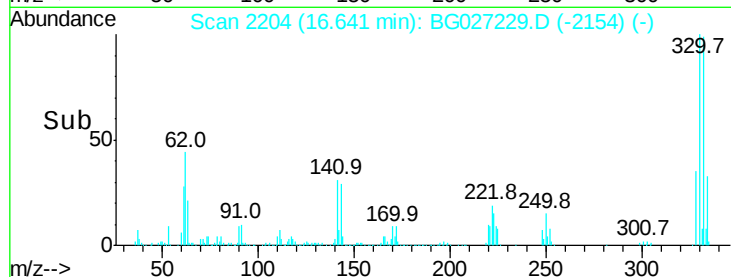
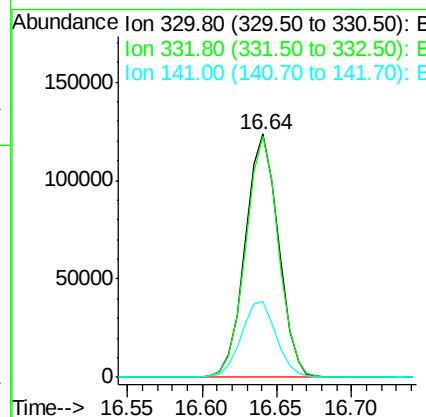
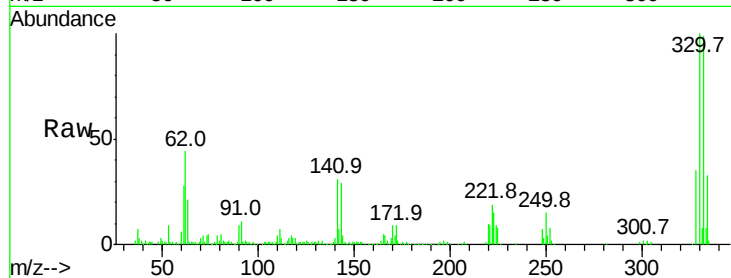
ClientSampleId :

S22-0025MSD

Tot Ion:	330	Resp:	190325
Ion Ratio		Lower	Upper
330	100		
332	97.5	77.3	115.9
141	32.7	32.1	48.1

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 29.68 ng

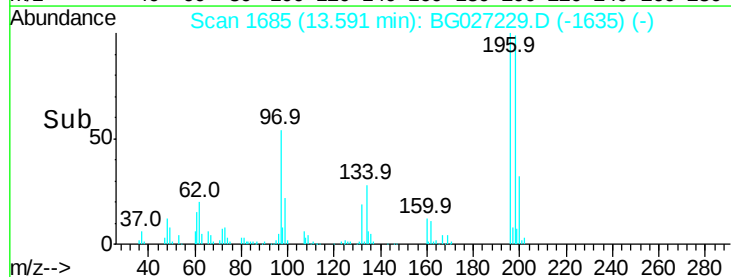
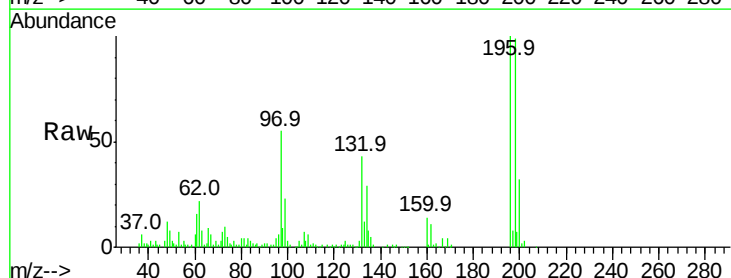
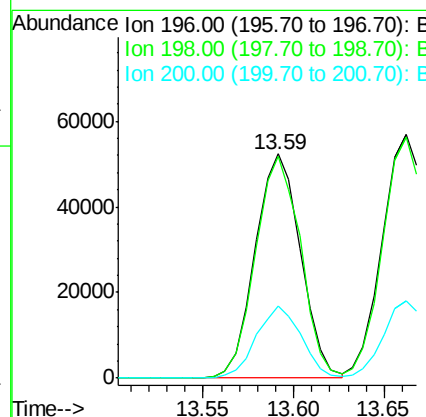
RT: 13.59 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion:	196	Resp:	90836
Ion Ratio		Lower	Upper
196	100		
198	99.3	81.4	122.2
200	32.3	27.0	40.6





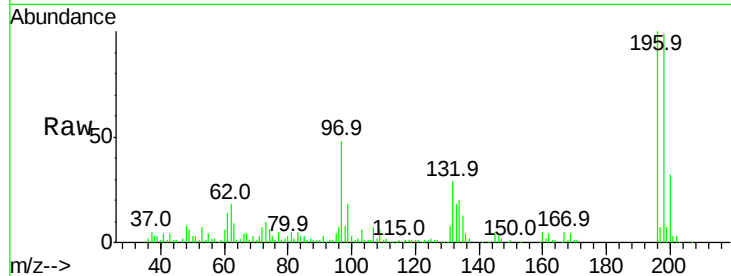
#43
 2,4,5-Trichlorophenol
 Concen: 28.73 ng
 RT: 13.66 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Tot Ion	196	Resp	98376
Ion Ratio	Lower	Upper	
196	100		
198	99.3	79.9	119.9
97	48.4	45.4	68.0
132	29.0	20.7	31.1

Manual Integrations
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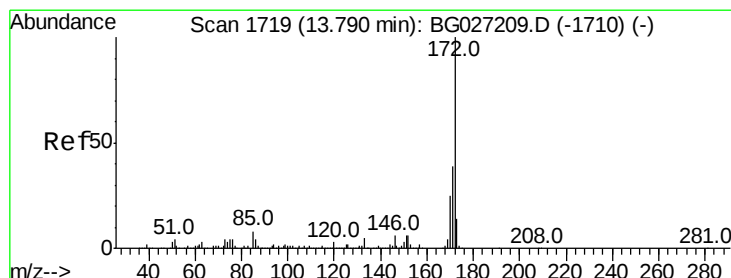
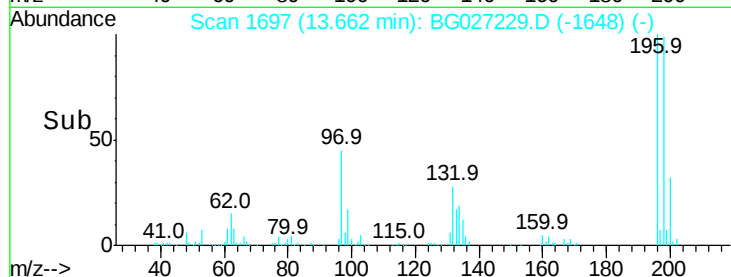
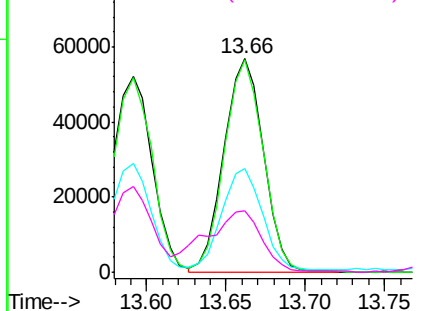
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.98 ng
 RT: 13.79 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

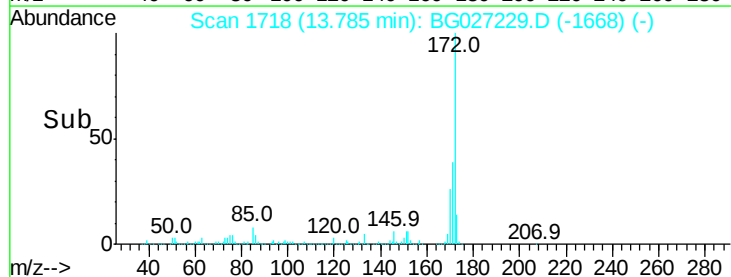
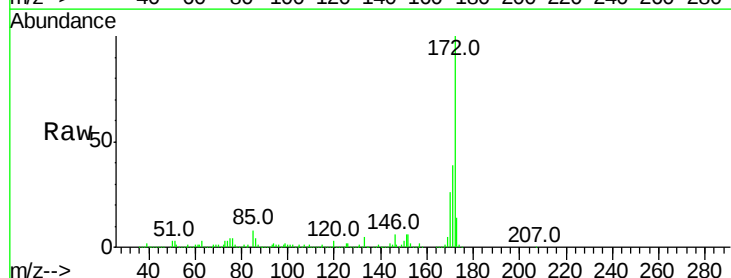
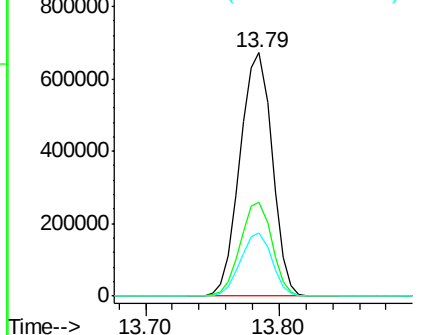
Tgt Ion	172	Resp	1122799
Ion Ratio	Lower	Upper	
172	100		
171	38.7	32.2	48.2
170	25.7	21.8	32.6

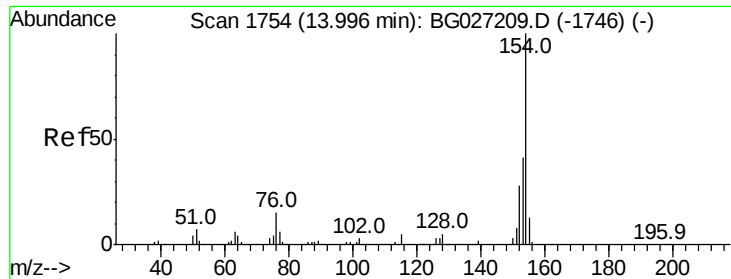
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





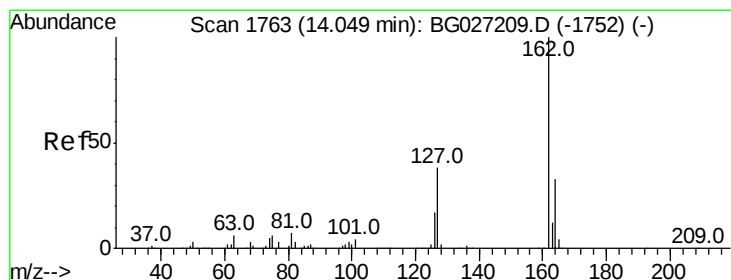
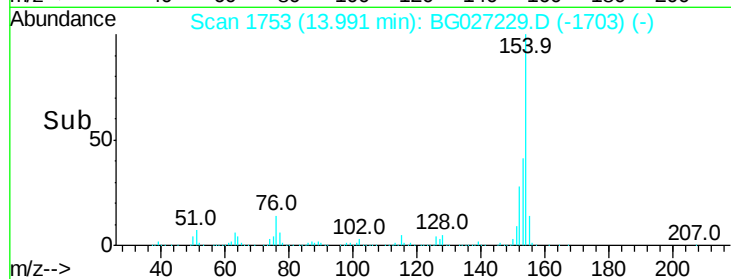
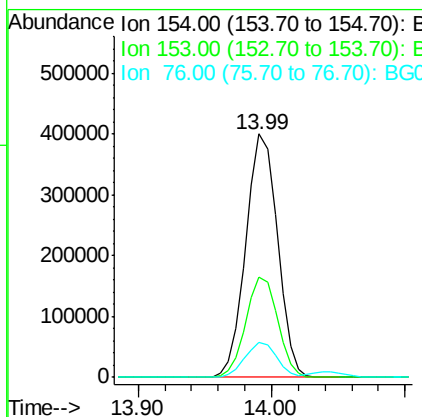
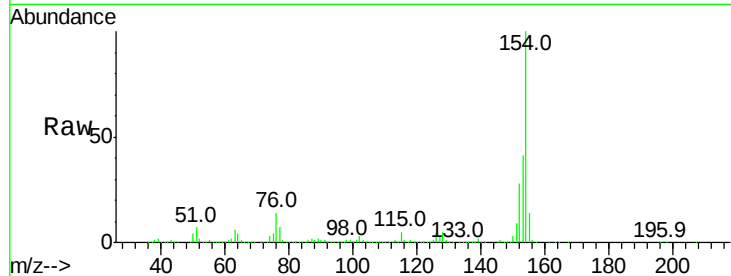
#45
 1,1'-Biphenyl
 Concen: 49.67 ng
 RT: 13.99 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.0	63.0
76	14.5	0.0	33.5

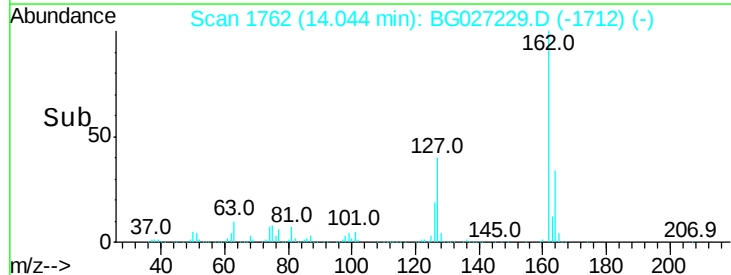
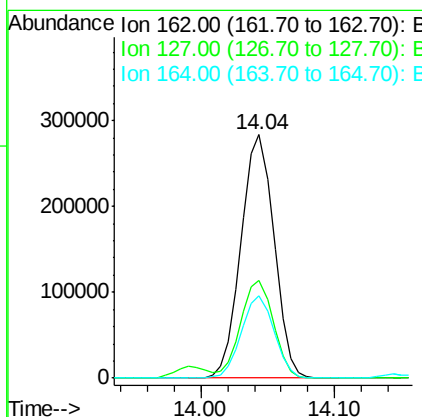
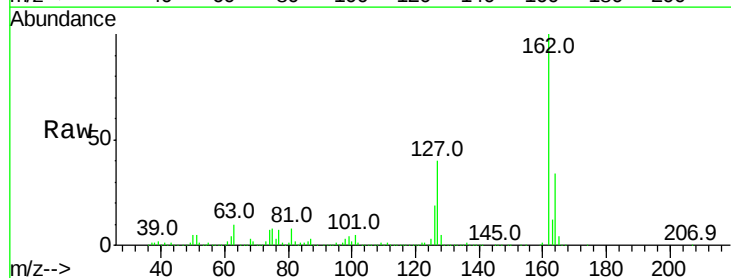
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 48.96 ng
 RT: 14.04 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.2	48.4
164	34.0	27.3	40.9





#47

2-Nitroaniline

Concen: 55.20 ng

RT: 14.23 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

ClientSampleId :

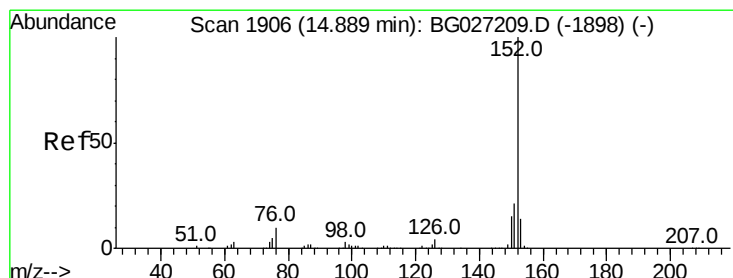
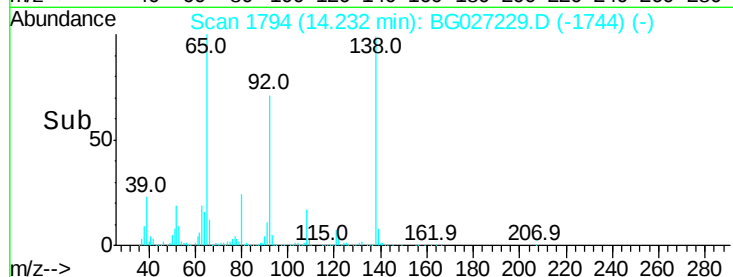
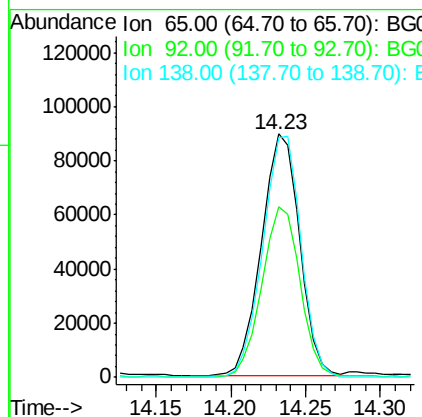
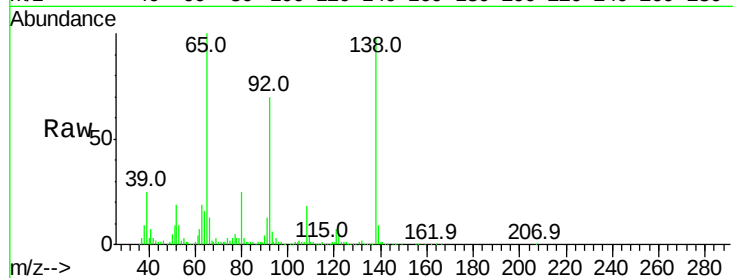
S22-0025MSD

Tot Ion: 65 Resp: 158966

Ion	Ratio	Lower	Upper
65	100		
92	70.3	49.0	73.4
138	98.4	58.6	87.8

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#48

Acenaphthylene

Concen: 46.43 ng

RT: 14.88 min Scan# 1905

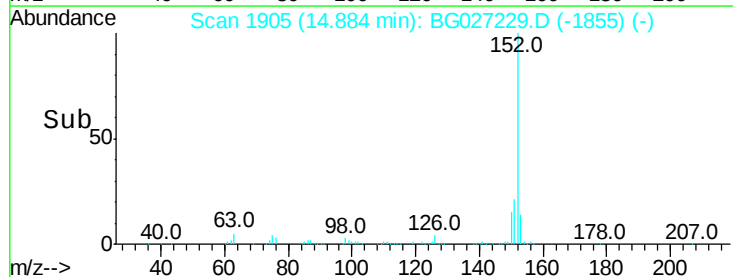
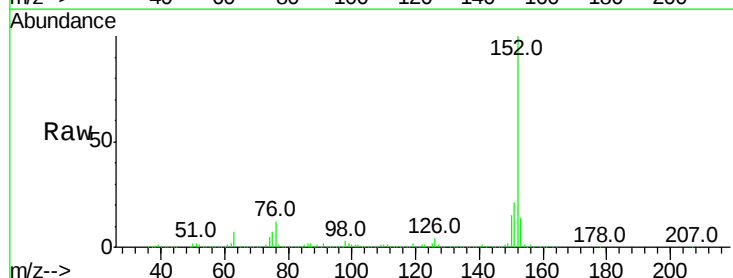
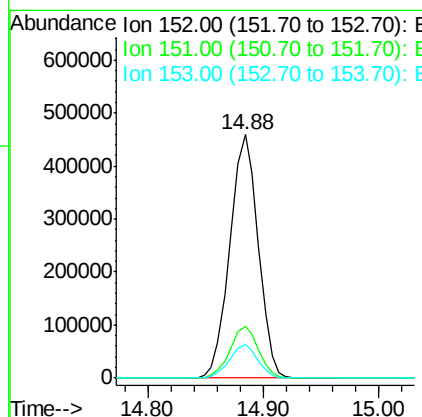
Delta R.T. -0.01 min

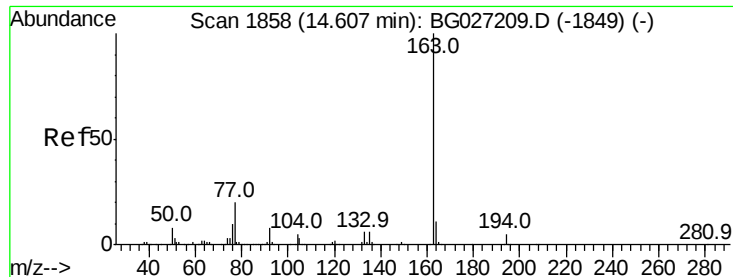
Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion: 152 Resp: 778818

Ion	Ratio	Lower	Upper
152	100		
151	21.3	18.2	27.2
153	14.0	11.3	16.9





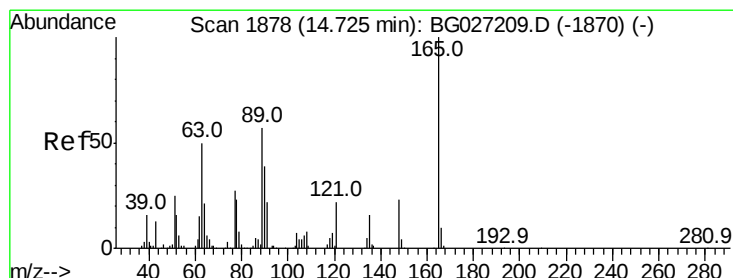
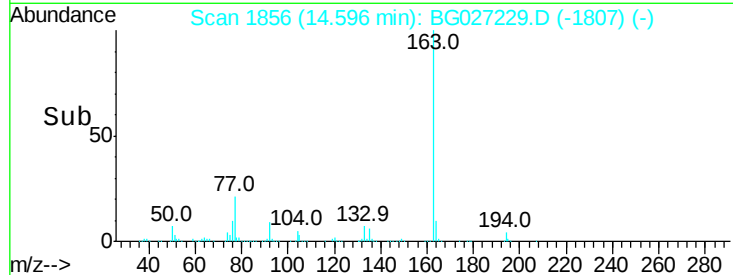
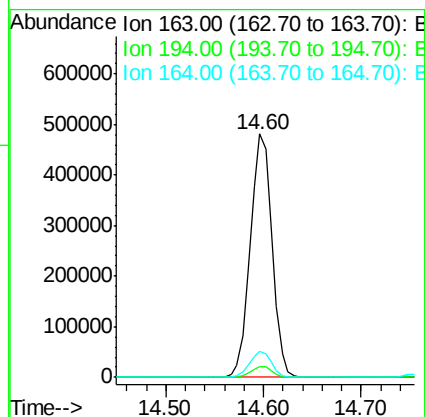
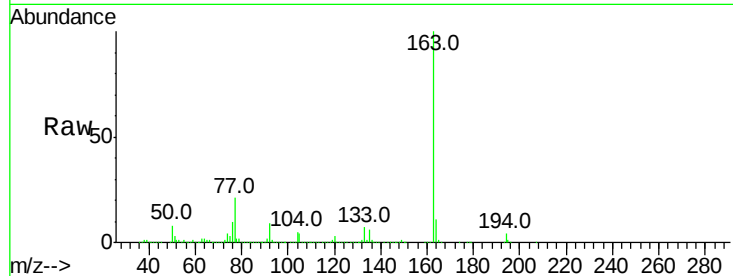
#49
Dimethylphthalate
Concen: 58.51 ng
RT: 14.60 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	751762		
194	4.5		3.8	5.6
164	10.6		9.3	13.9

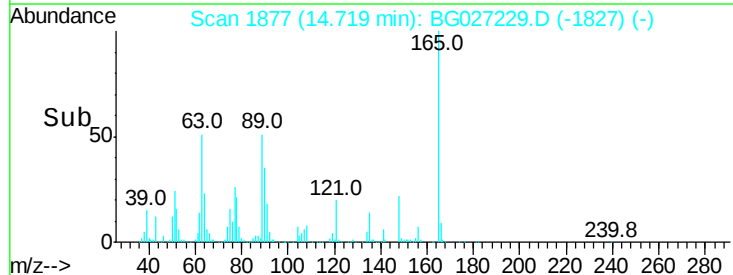
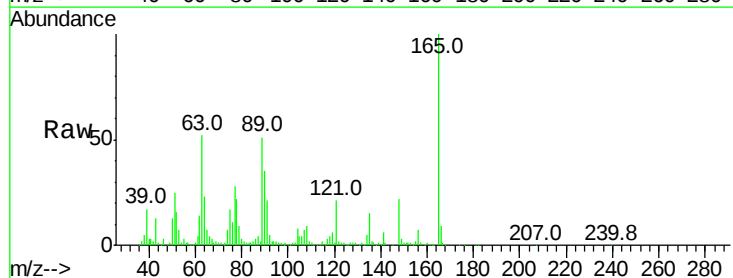
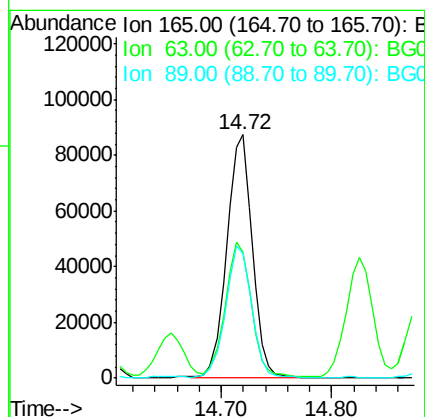
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#50
2,6-Dinitrotoluene
Concen: 53.63 ng
RT: 14.72 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141922		
63	51.8		63.9	95.9#
89	51.3		58.6	88.0#





#51

Acenaphthene

Concen: 49.31 ng

RT: 15.22 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

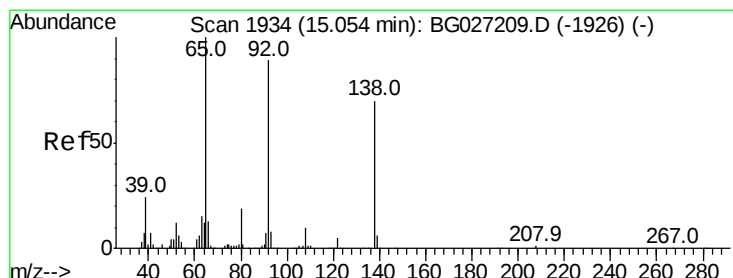
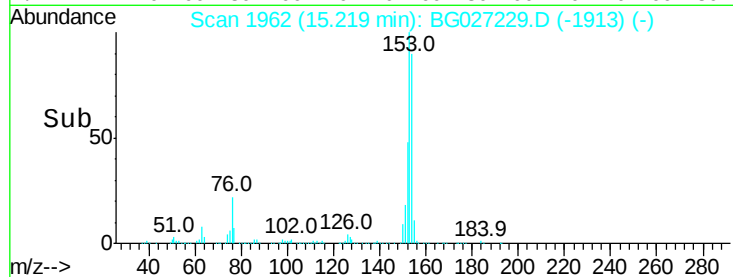
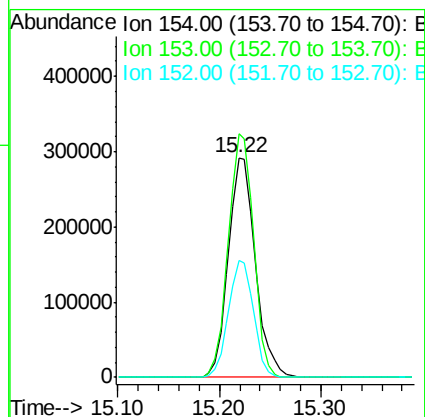
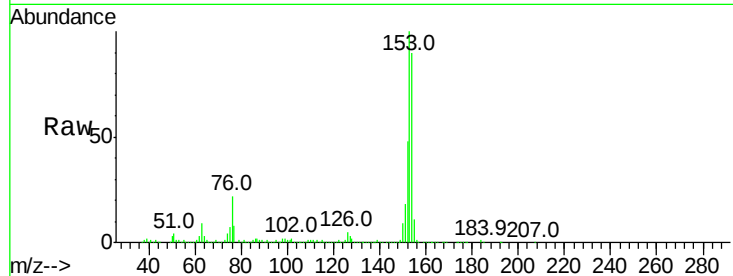
ClientSampleId :

S22-0025MSD

Tot Ion:	154	Resp:	538002
Ion Ratio	Lower	Upper	
154	100		
153	110.8	87.8	131.6
152	53.3	42.2	63.4

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#52

3-Nitroaniline

Concen: 25.76 ng

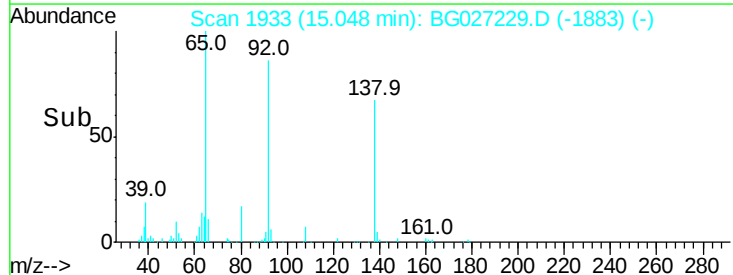
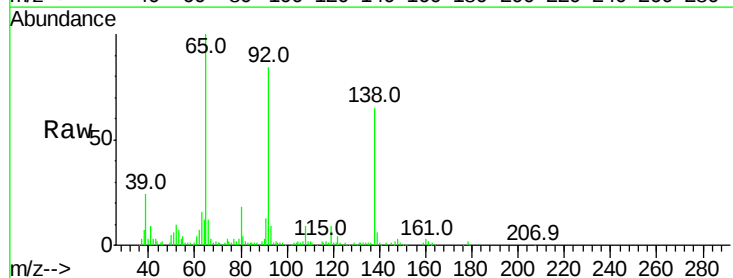
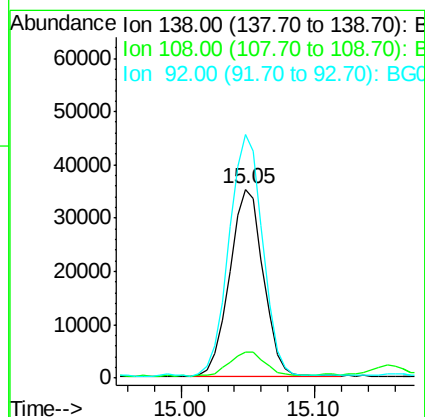
RT: 15.05 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion:	138	Resp:	62312
Ion Ratio	Lower	Upper	
138	100		
108	13.6	10.9	16.3
92	128.8	115.3	172.9





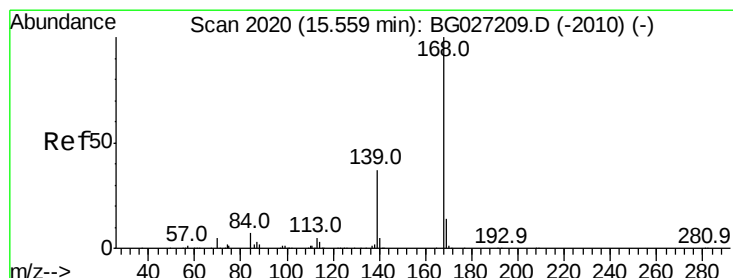
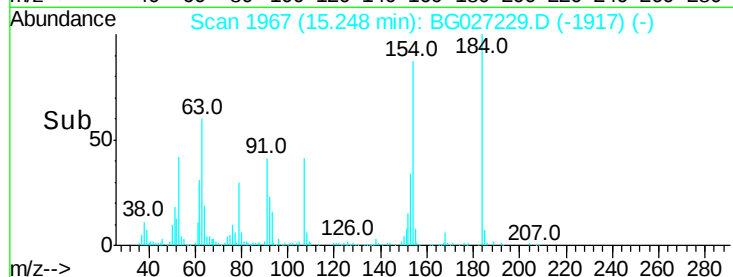
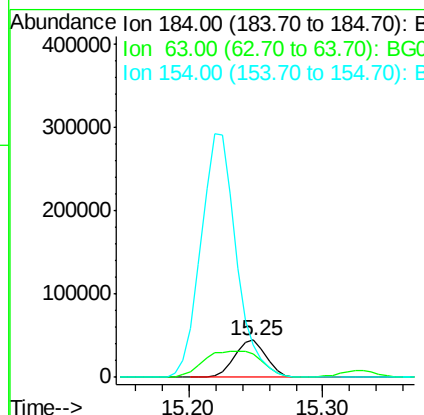
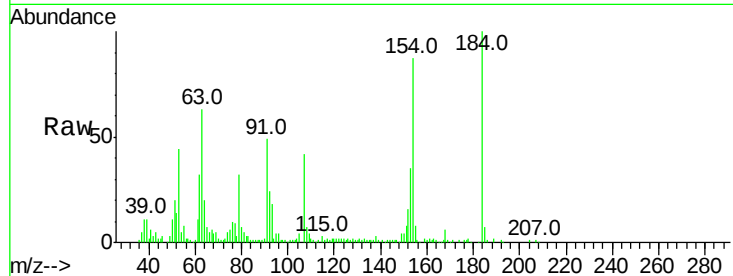
#53
2,4-Dinitrophenol
Concen: 65.04 ng
RT: 15.25 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.0	52.7	79.1
154	87.1	57.3	85.9

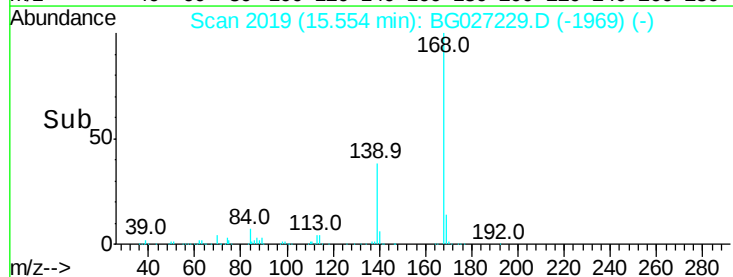
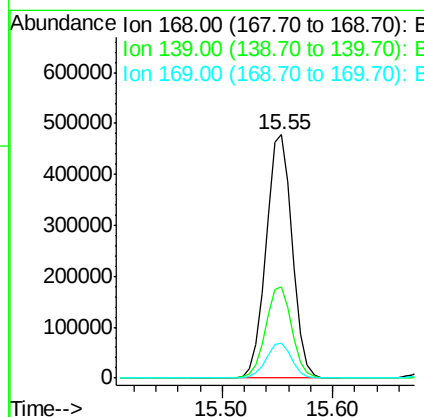
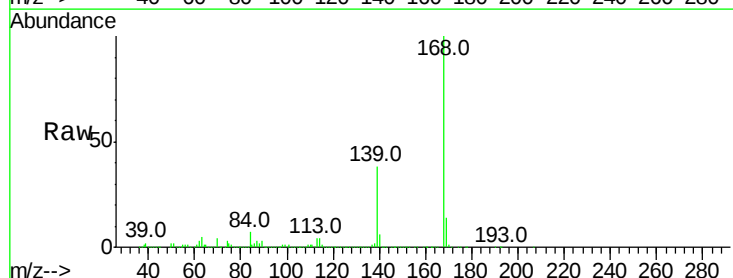
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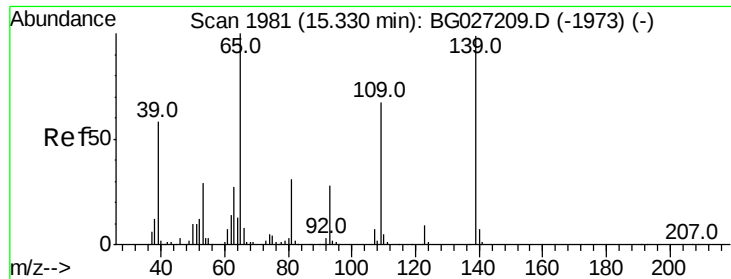
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#54
Dibenzofuran
Concen: 51.93 ng
RT: 15.55 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.5	35.3	52.9
169	14.1	11.5	17.3





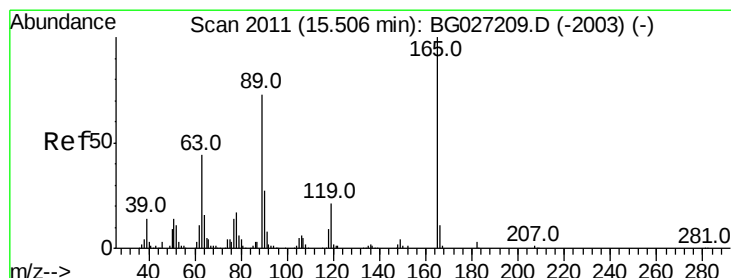
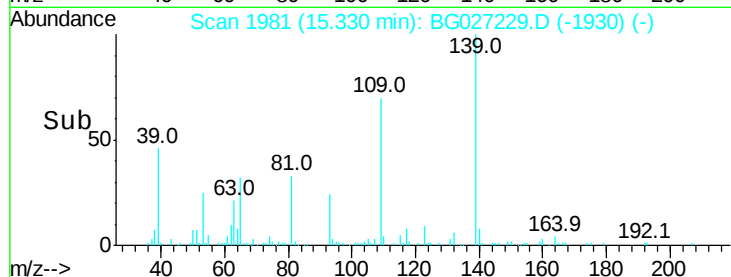
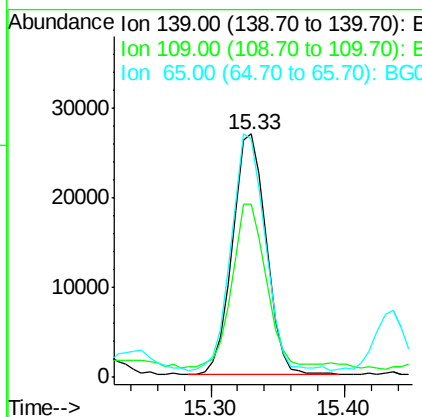
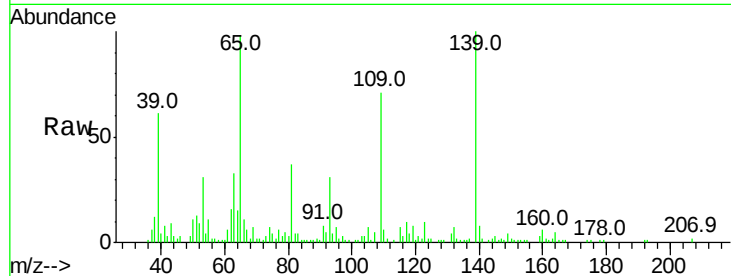
#55
4-Nitrophenol
Concen: 24.05 ng
RT: 15.33 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.2	101.2	141.2#
65	98.2	135.3	175.3#

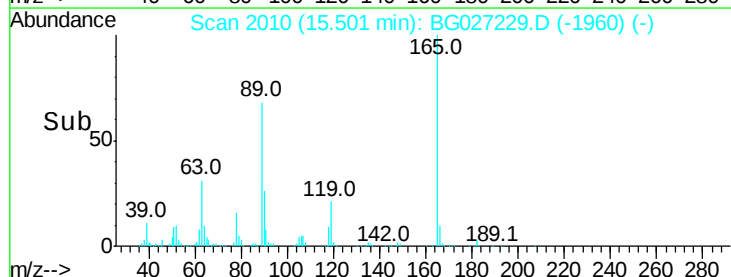
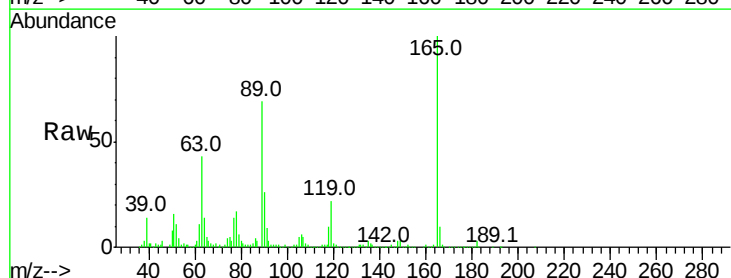
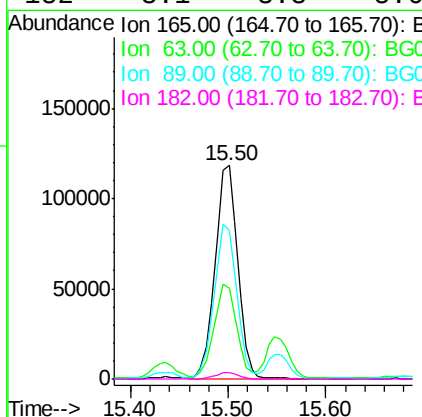
Manual Integrations
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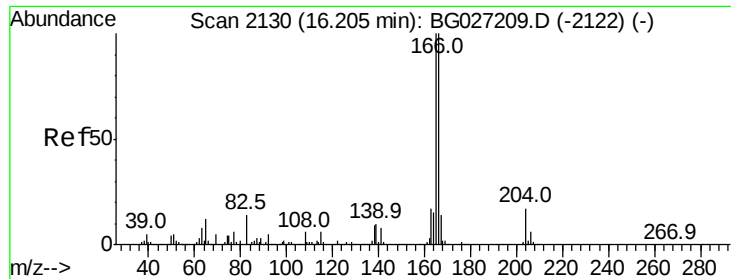
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#56
2,4-Dinitrotoluene
Concen: 55.89 ng
RT: 15.50 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.8	44.0	66.0#
89	69.3	67.3	100.9
182	3.1	3.8	5.6#





#57

Fluorene

Concen: 47.58 ng

RT: 16.20 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

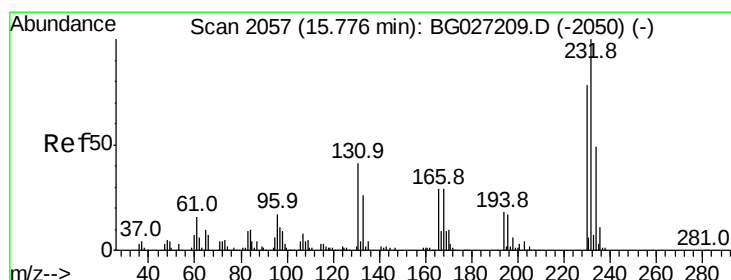
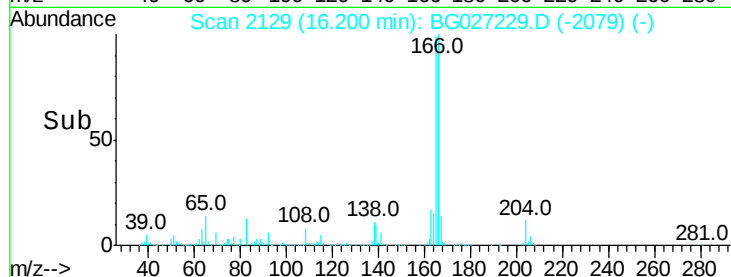
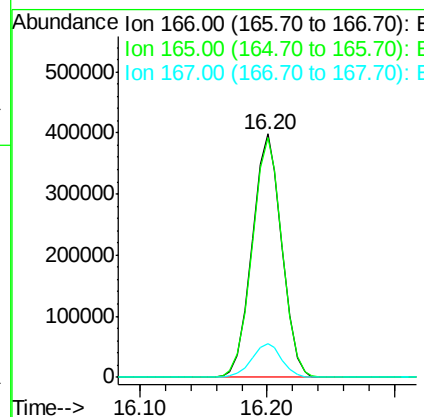
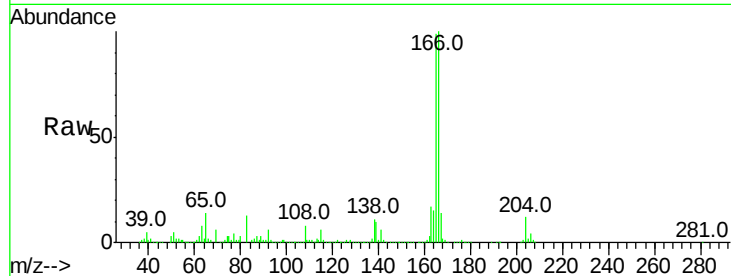
ClientSampleId :

S22-0025MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	644382		
165	98.7		78.6	117.8
167	13.8		11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 30.61 ng m

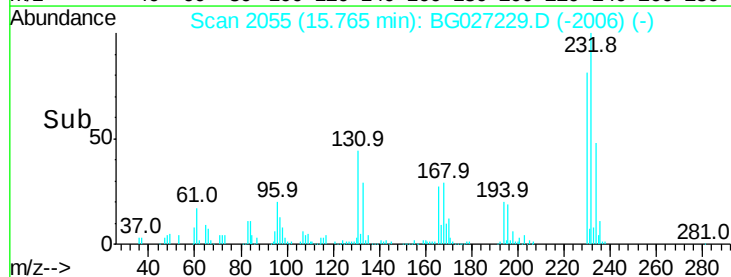
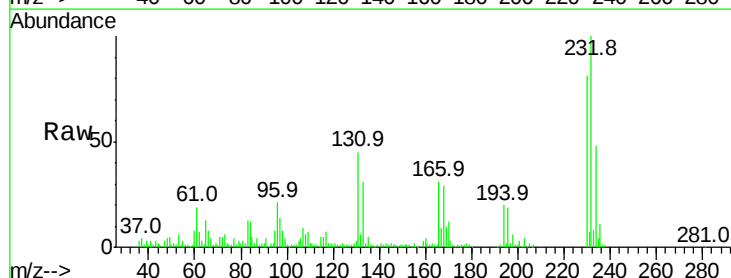
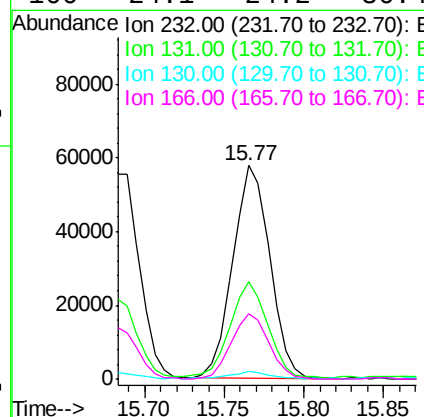
RT: 15.77 min Scan# 2055

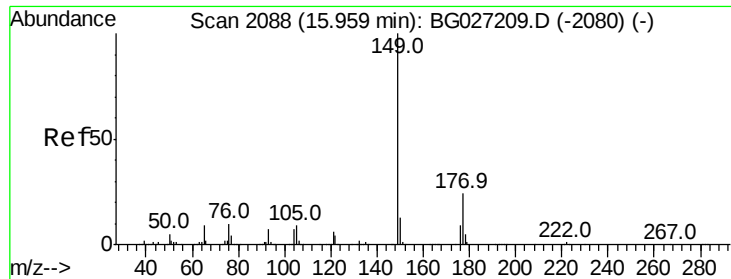
Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	93577		
131	38.0		34.9	52.3
130	3.2		2.3	3.5
166	24.1		24.2	36.4#





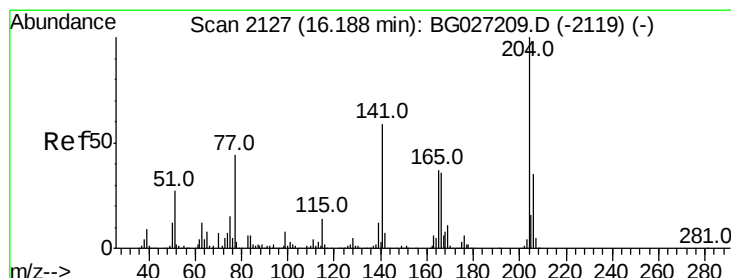
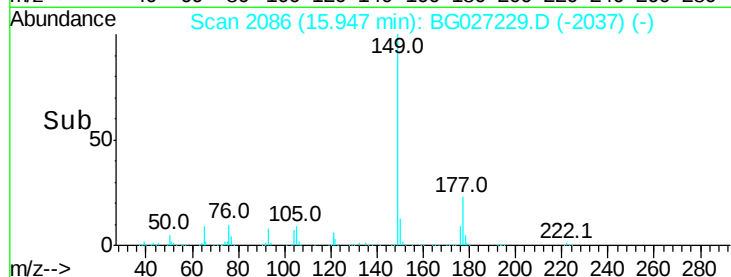
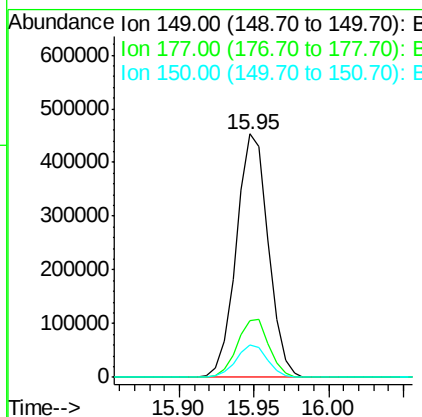
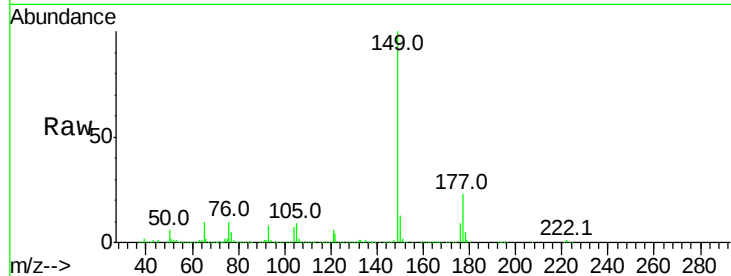
#59
Diethylphthalate
Concen: 52.31 ng
RT: 15.95 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.4	20.1	30.1	
150	13.3	10.2	15.2	

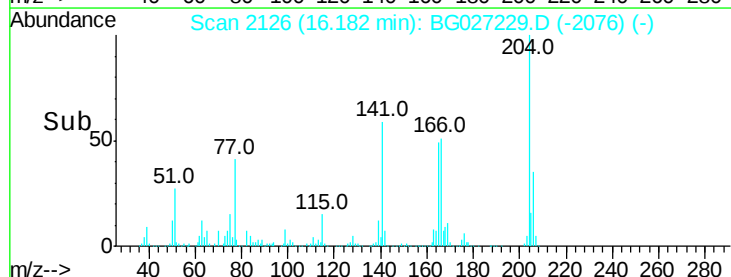
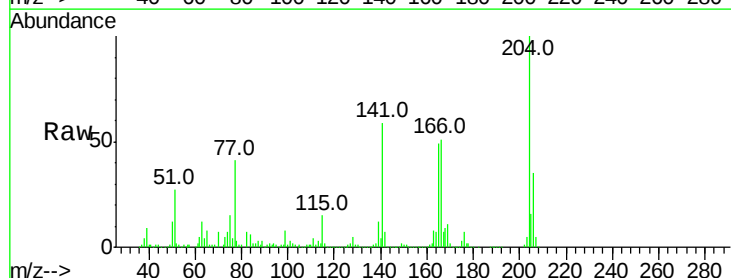
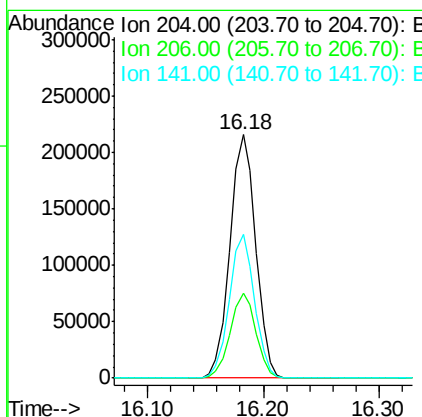
Manual Integrations
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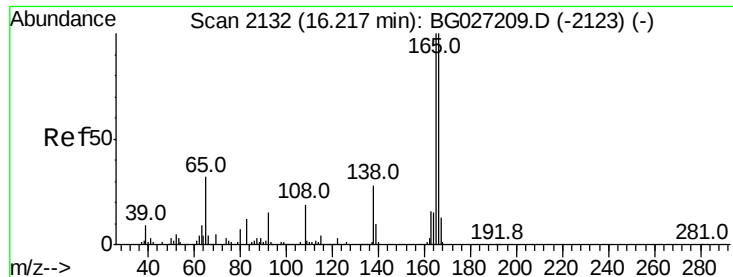
mohammad
6/6/2017 5:14:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.72 ng
RT: 16.18 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.0	30.1	45.1	
141	59.1	50.6	76.0	





#61

4-Nitroaniline

Concen: 48.75 ng

RT: 16.21 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

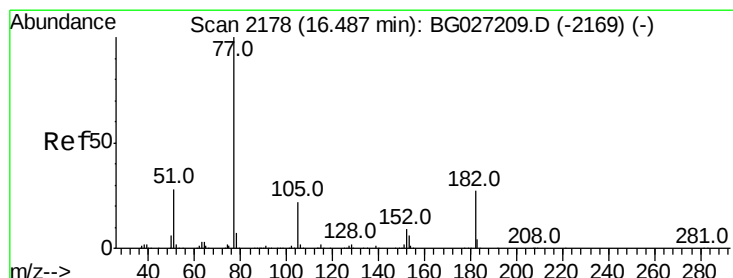
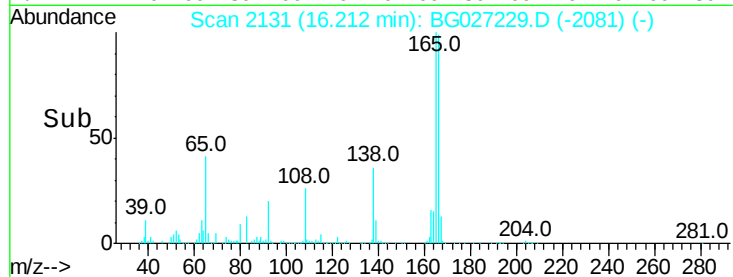
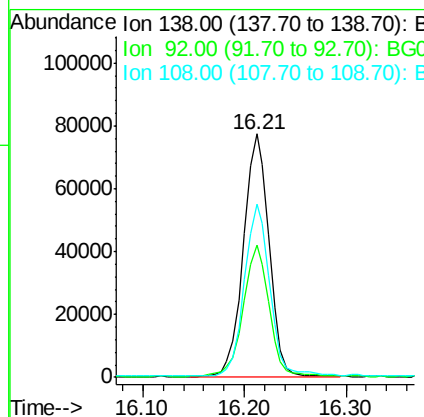
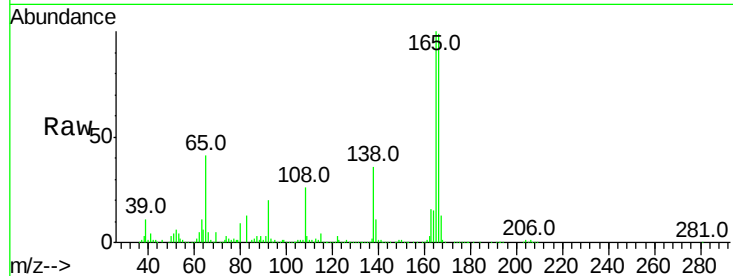
ClientSampleId :

S22-0025MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.5	44.2	84.2	
108	71.3	104.8	144.8	

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#62

Azobenzene

Concen: 54.48 ng

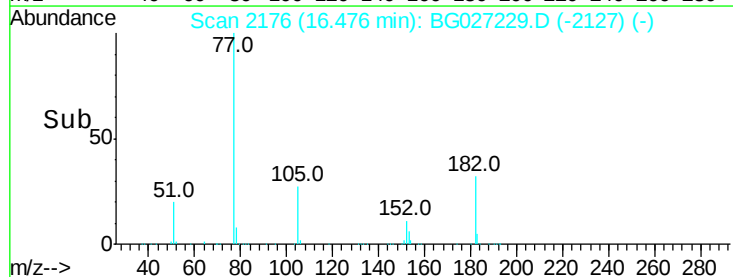
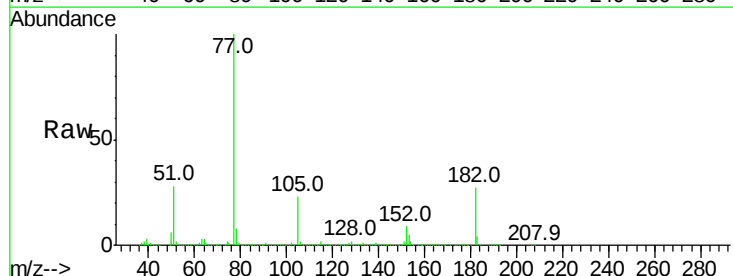
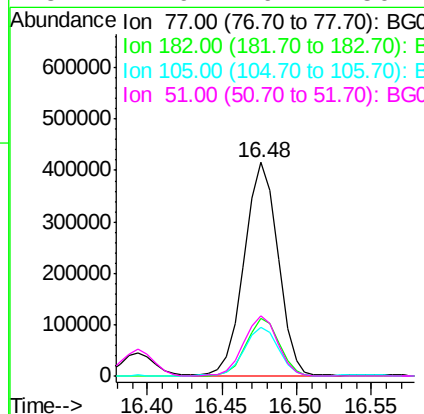
RT: 16.48 min Scan# 2176

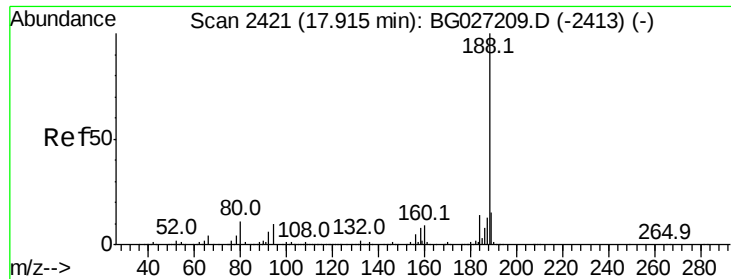
Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.8	4.7	44.7	
105	22.6	0.0	36.3	
51	27.9	16.4	56.4	





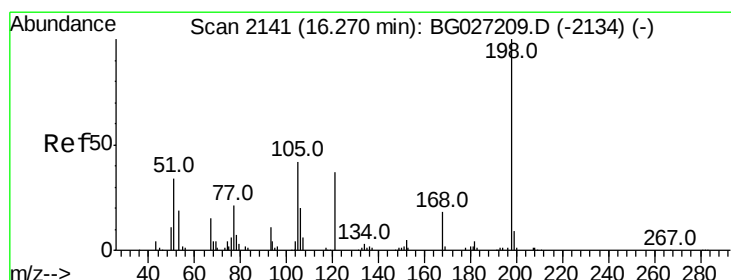
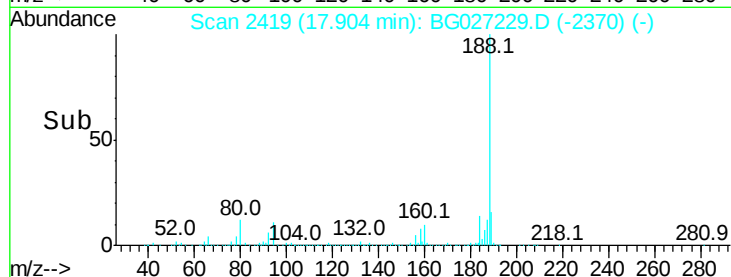
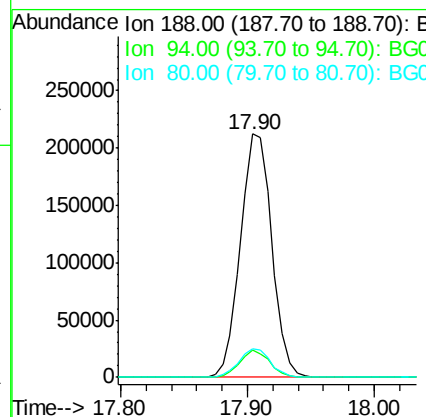
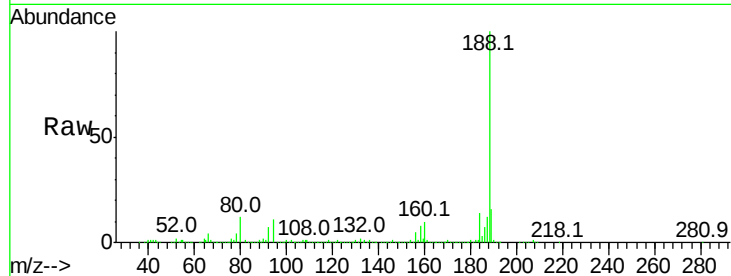
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	5.8	8.8#	
80	12.0	7.5	11.3#	

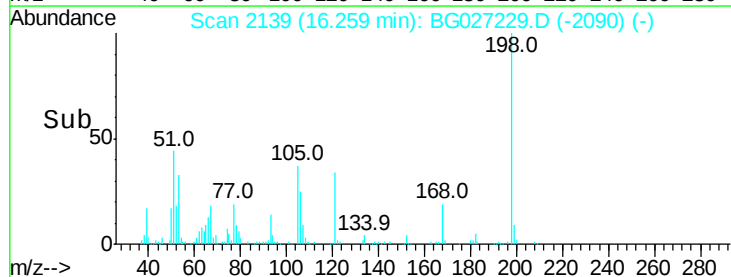
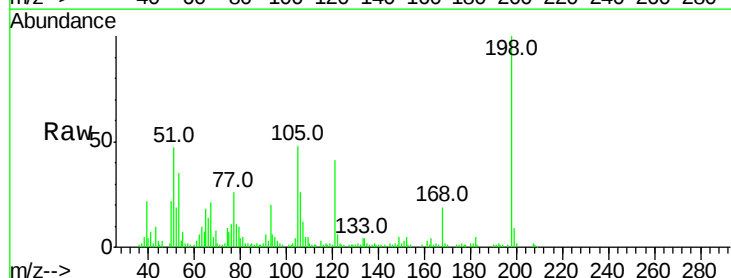
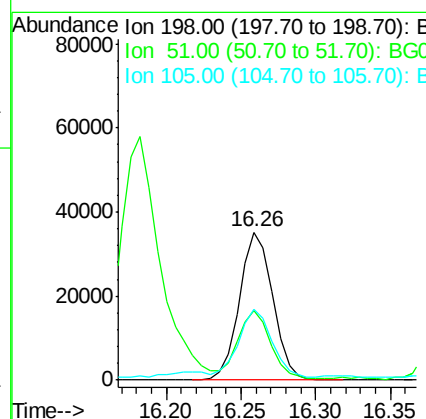
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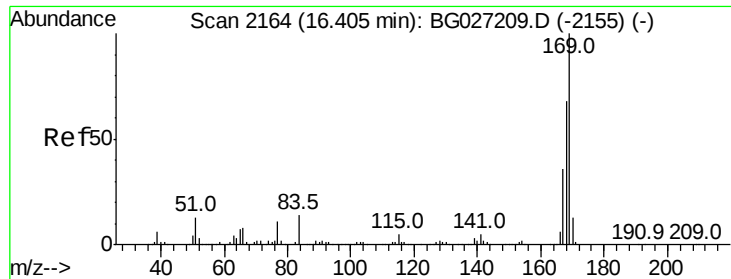
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.16 ng
RT: 16.26 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	46.9	22.6	62.6	
105	47.7	14.4	54.4	





#65

n-Nitrosodiphenylamine

Concen: 51.07 ng

RT: 16.39 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

ClientSampleId :

S22-0025MSD

Tot Ion:169 Resp: 580738

Ion Ratio Lower Upper

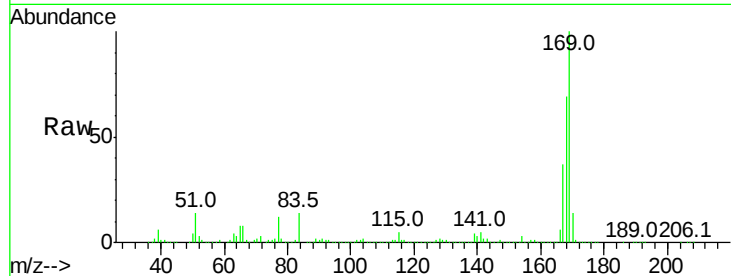
169 100

168 69.0 55.7 83.5

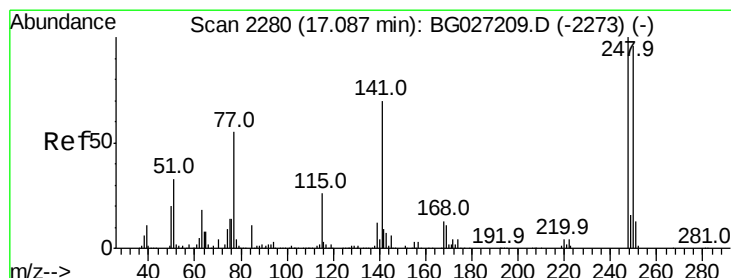
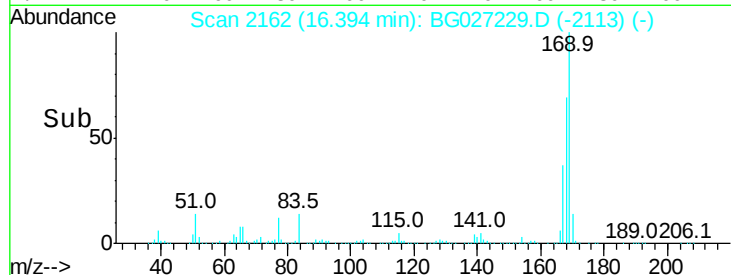
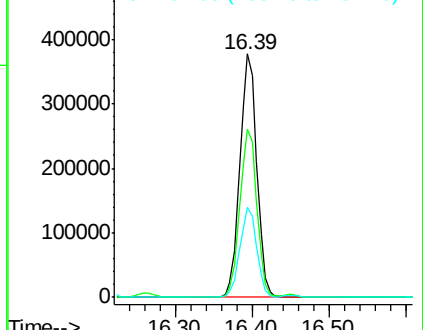
167 36.7 29.8 44.6

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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: 51.46 ng

RT: 17.08 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

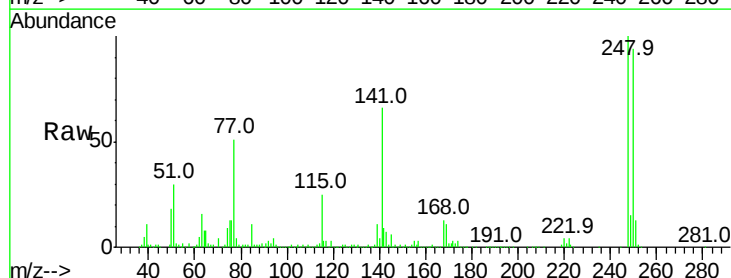
Tgt Ion:248 Resp: 220908

Ion Ratio Lower Upper

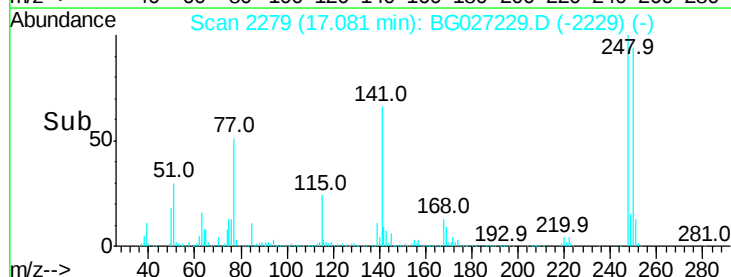
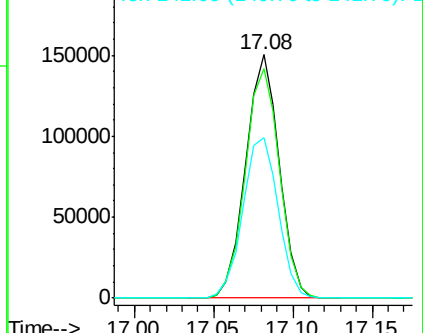
248 100

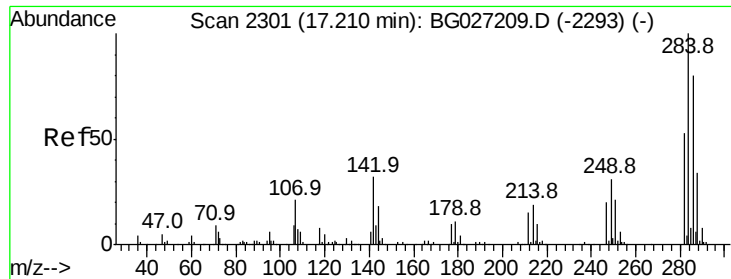
250 94.4 75.0 112.6

141 66.0 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: 50.81 ng

RT: 17.20 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

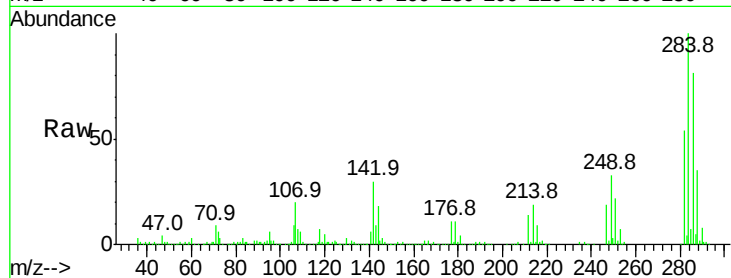
ClientSampleId :

S22-0025MSD

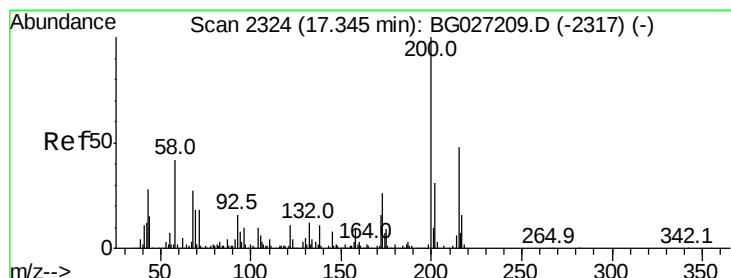
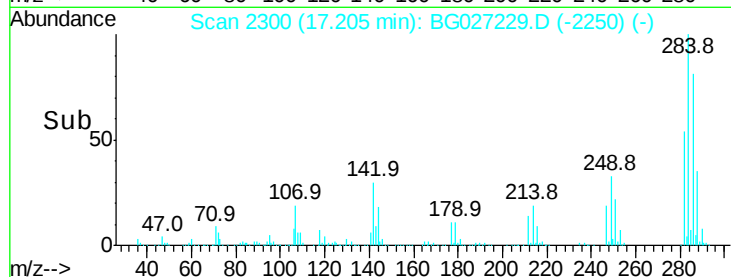
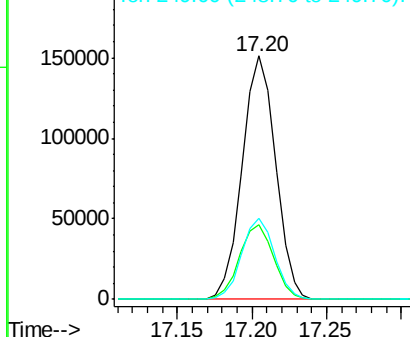
Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	30.5	29.9	44.9
249	33.4	29.2	43.8

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



#68

Atrazine

Concen: 53.89 ng

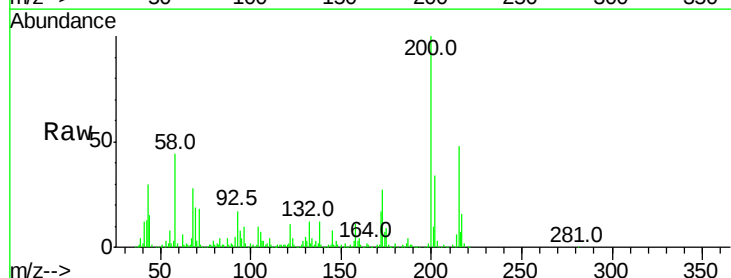
RT: 17.34 min Scan# 2323

Delta R.T. -0.01 min

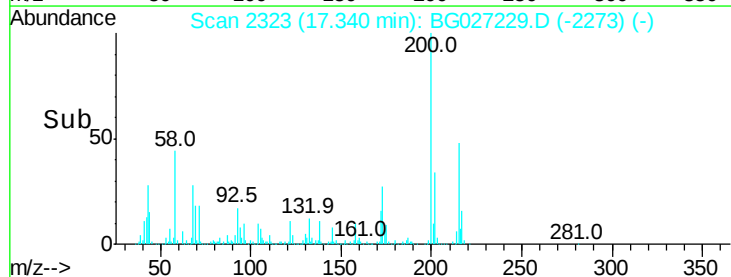
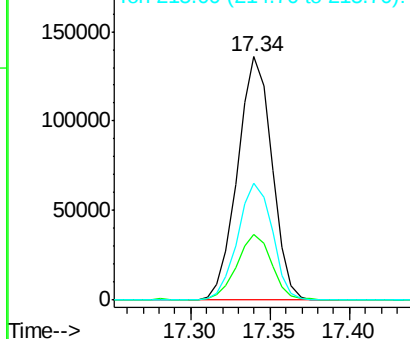
Lab File: BG027229.D

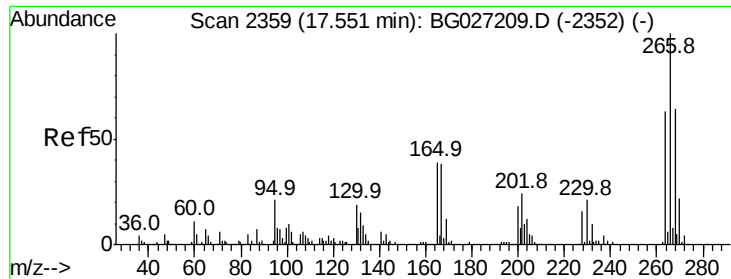
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	3.0	43.0
215	47.8	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





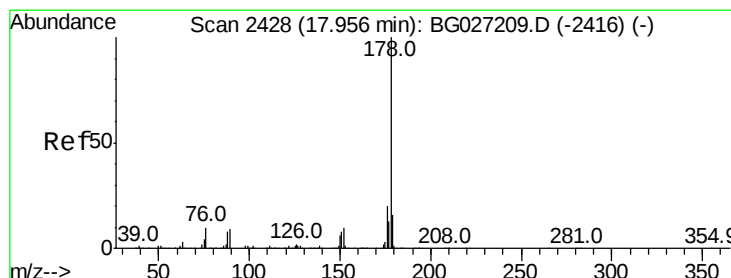
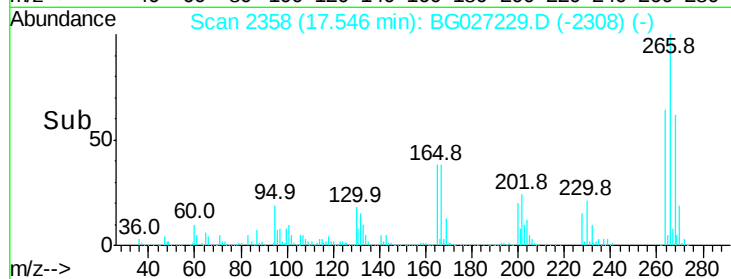
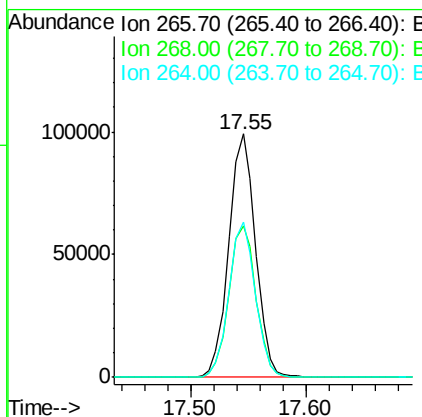
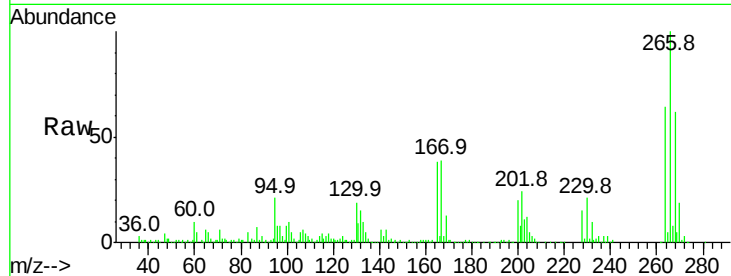
#69
 Pentachlorophenol
 Concen: 58.74 ng
 RT: 17.55 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Tot Ion:	266	Resp:	158980
Ion Ratio		Lower	Upper
266	100		
268	62.1	48.6	72.8
264	63.7	50.1	75.1

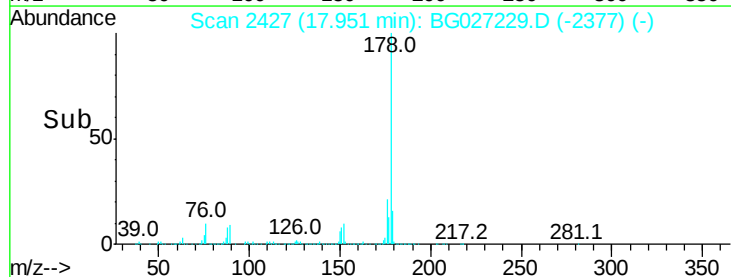
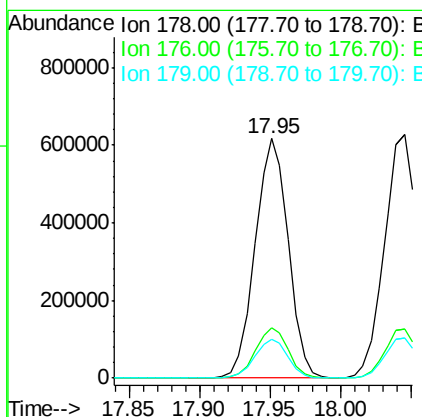
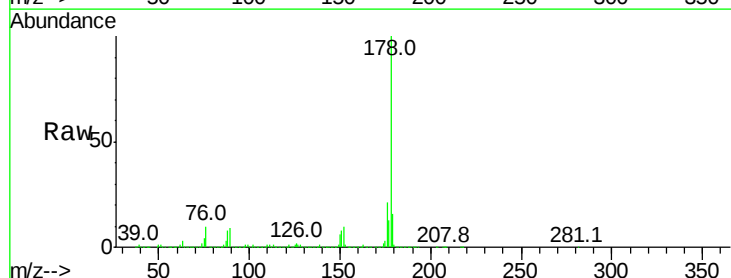
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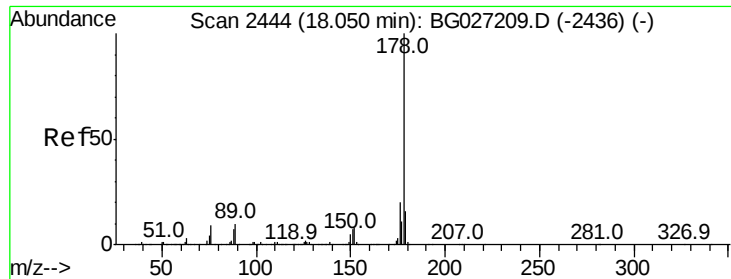
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#70
 Phenanthrene
 Concen: 49.76 ng
 RT: 17.95 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Tgt Ion:	178	Resp:	1015470
Ion Ratio		Lower	Upper
178	100		
176	20.8	17.7	26.5
179	16.5	15.0	22.6





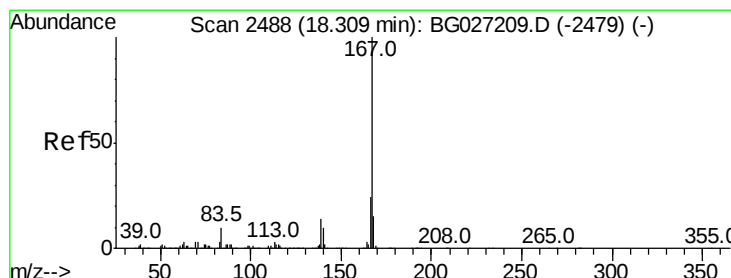
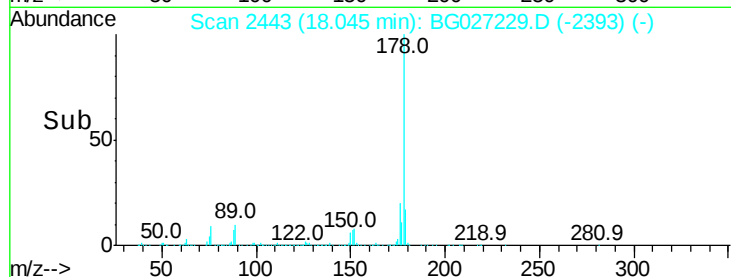
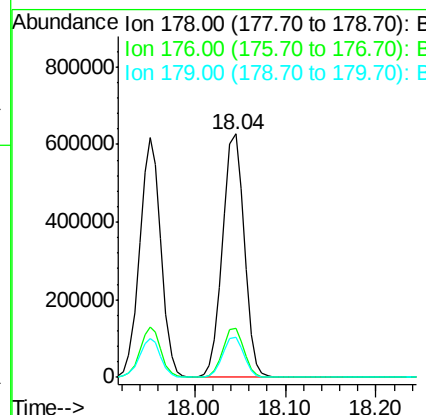
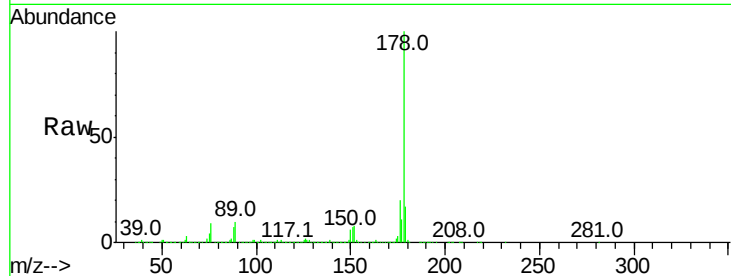
#71
 Anthracene
 Concen: 50.77 ng
 RT: 18.04 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.4	24.6
179	16.6	13.8	20.8

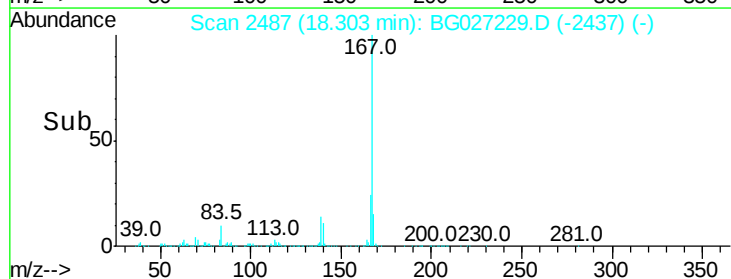
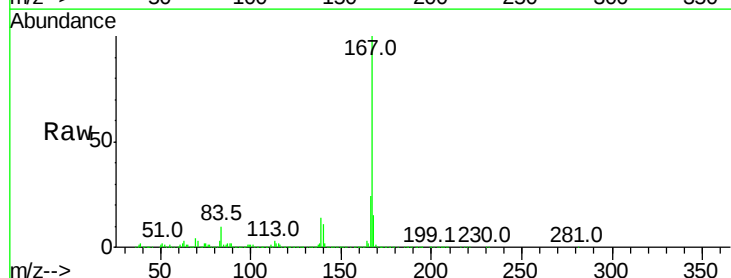
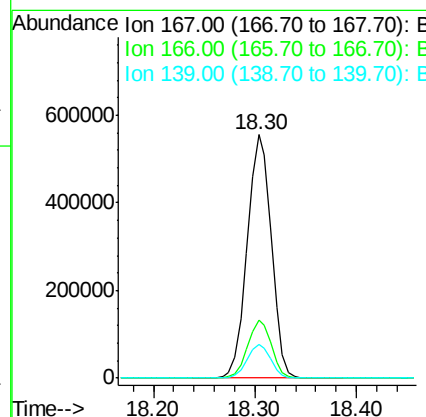
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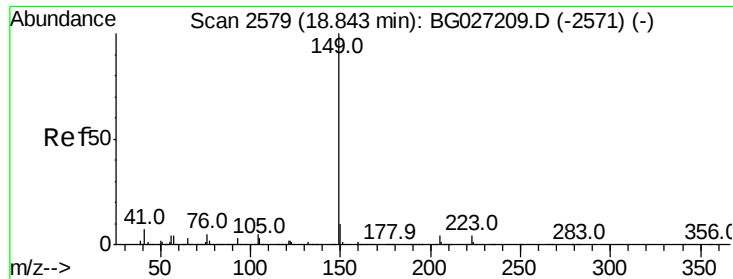
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#72
 Carbazole
 Concen: 47.38 ng
 RT: 18.30 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	20.2	30.2
139	14.1	12.8	19.2





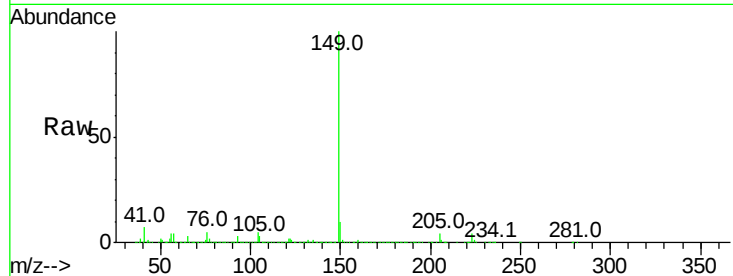
#73
Di-n-butylphthalate
Concen: 59.12 ng
RT: 18.84 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

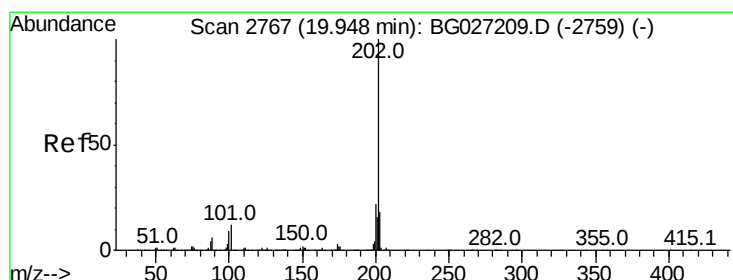
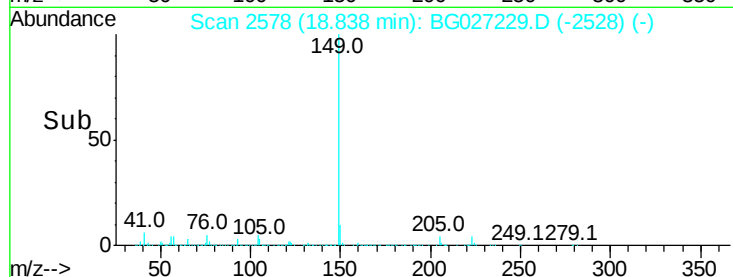
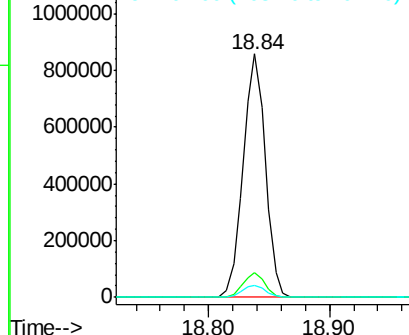
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	9.1	13.7
104	5.1	6.7	10.1

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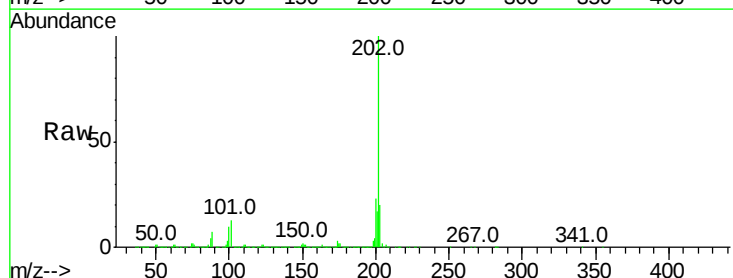


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

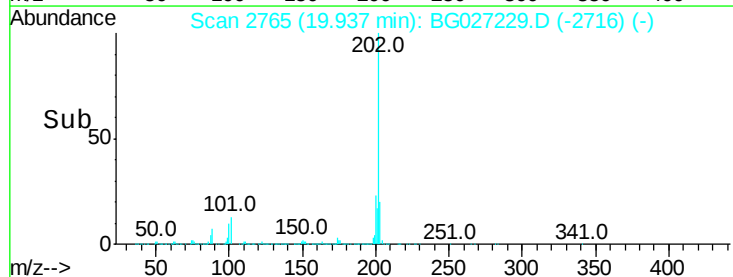
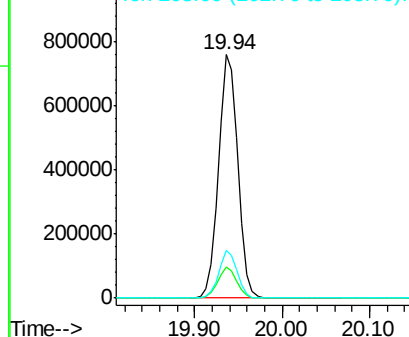


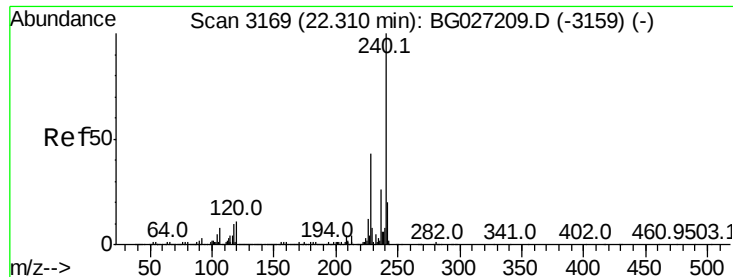
#74
Fluoranthene
Concen: 53.09 ng
RT: 19.94 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.1
203	19.5	1.3	41.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.30 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

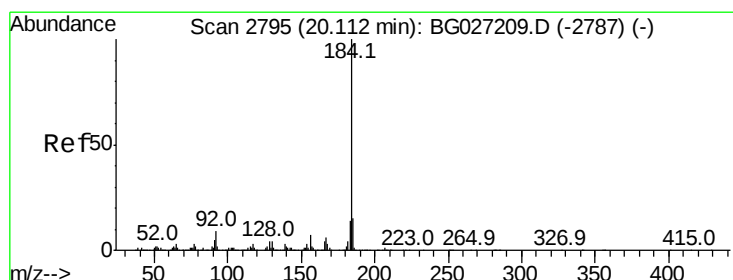
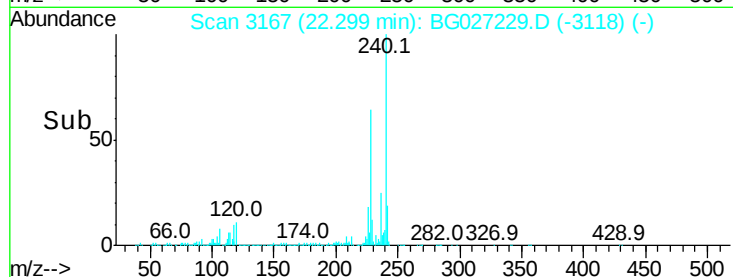
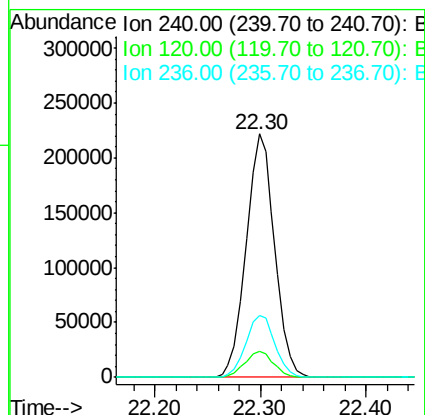
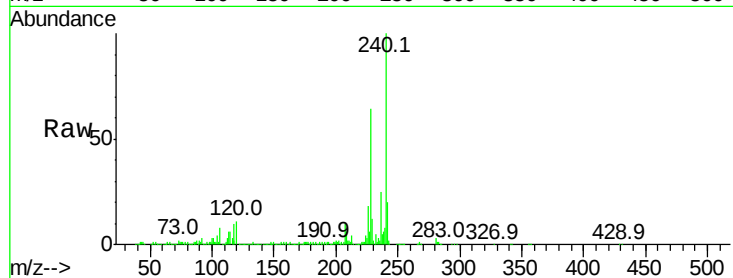
ClientSampleId :

S22-0025MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.7	8.5#
236	25.5	22.2	33.4

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#76

Benzidine

Concen: 10.58 ng

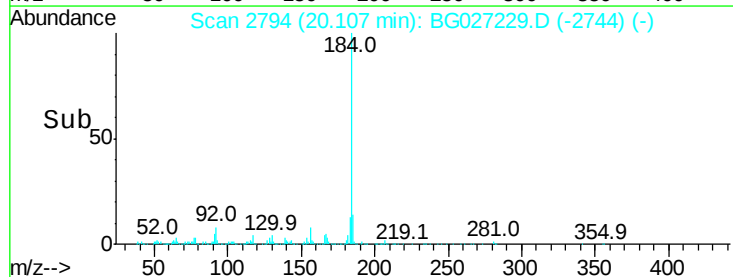
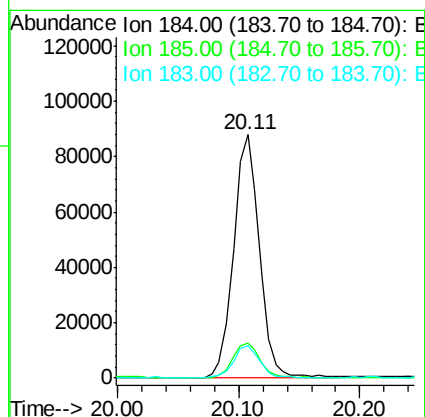
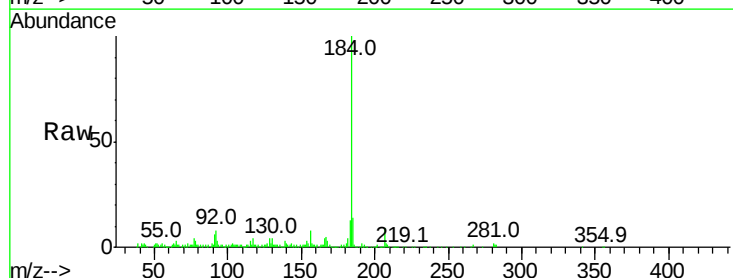
RT: 20.11 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.0	19.6
183	13.2	11.0	16.6





#77

Pvrene

Concen: 47.28 ng

RT: 20.30 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Instrument :

BNA_G

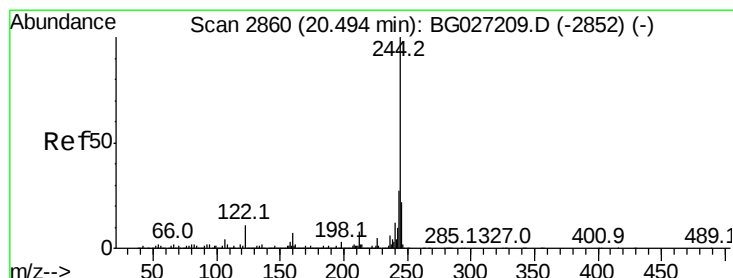
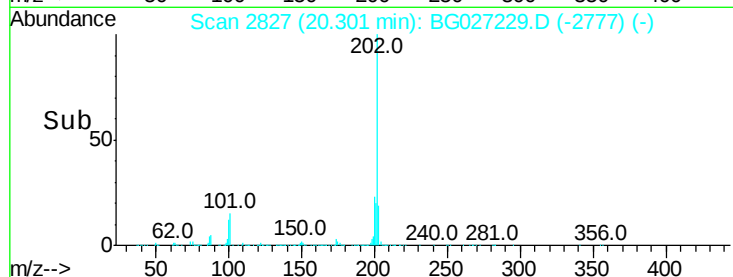
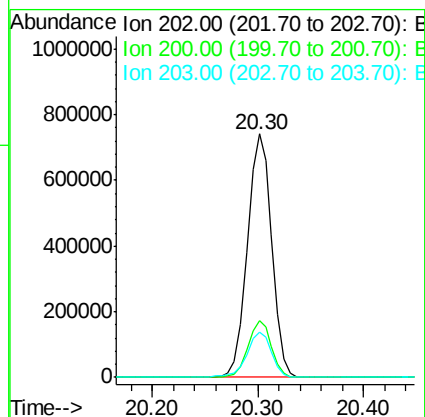
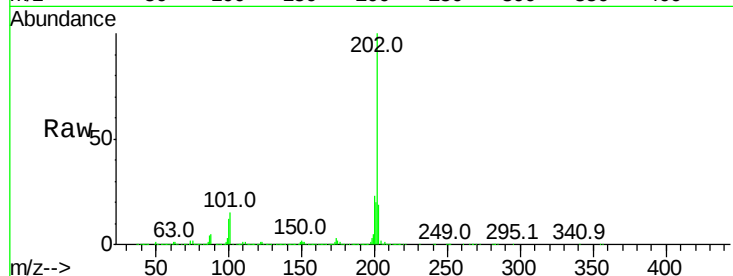
ClientSampleId :

S22-0025MSD

Tot Ion:	202	Resp:	1179733
Ion	Ratio	Lower	Upper
202	100		
200	23.3	19.6	29.4
203	18.8	15.8	23.8

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#78

Terphenyl-d14

Concen: 96.45 ng

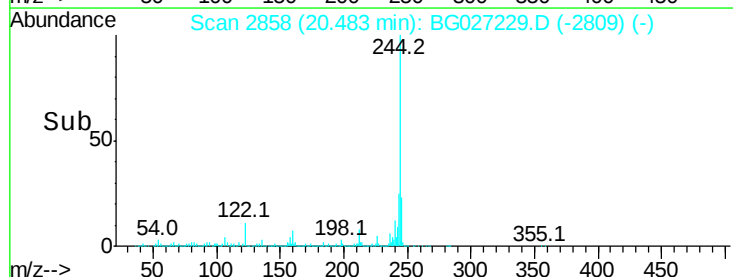
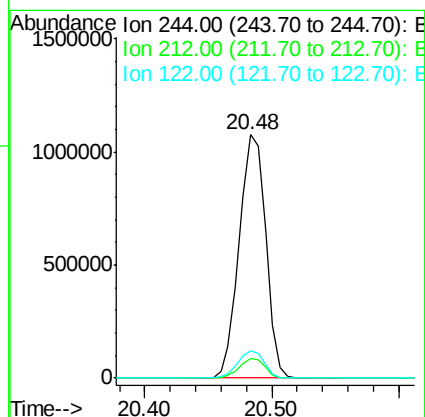
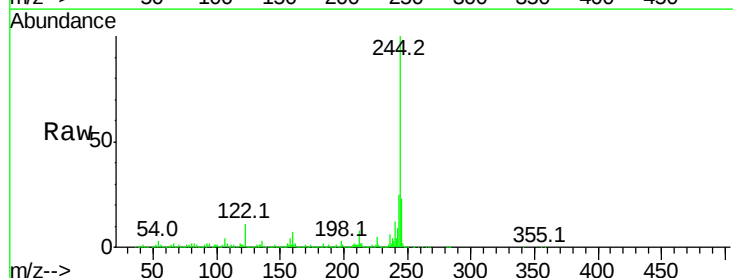
RT: 20.48 min Scan# 2858

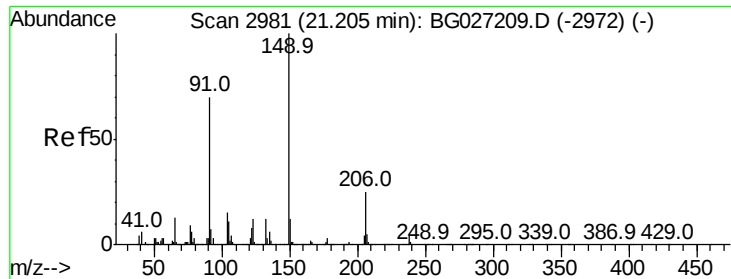
Delta R.T. -0.01 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion:	244	Resp:	1561332
Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	11.5	8.6	12.8





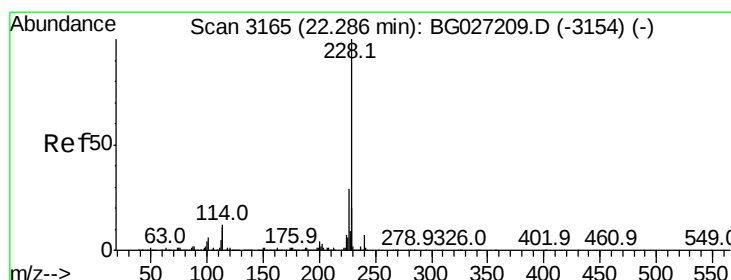
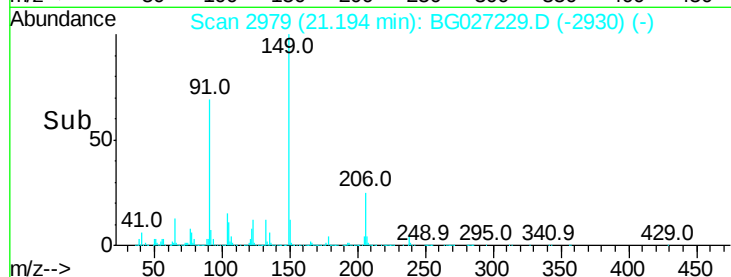
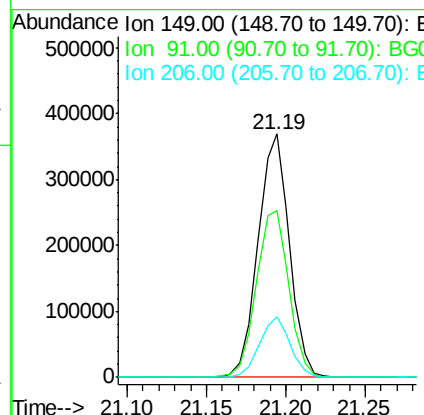
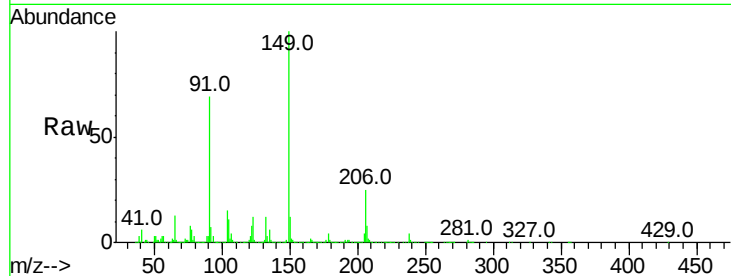
#79
Butylbenzylphthalate
Concen: 57.15 ng
RT: 21.19 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	68.8	63.5	95.3
206	24.7	21.0	31.6

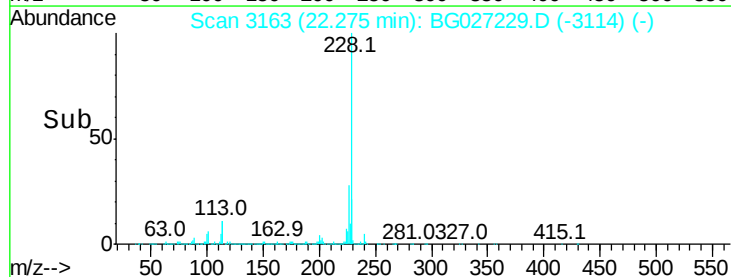
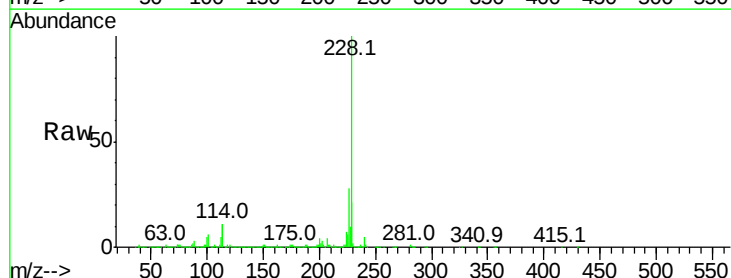
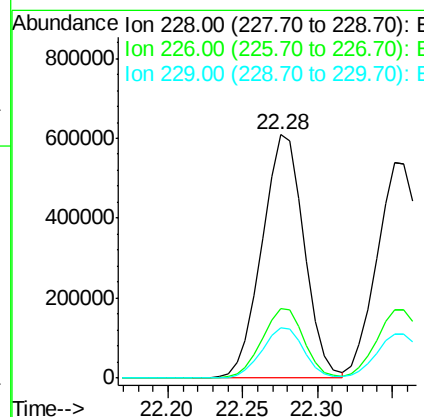
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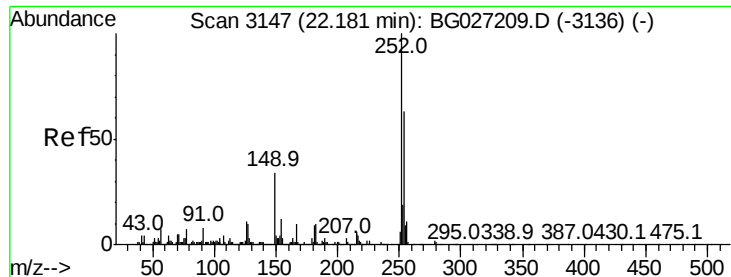
mohammad
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#80
Benzo(a)anthracene
Concen: 50.69 ng
RT: 22.28 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.5	24.9	37.3
229	20.9	18.2	27.2





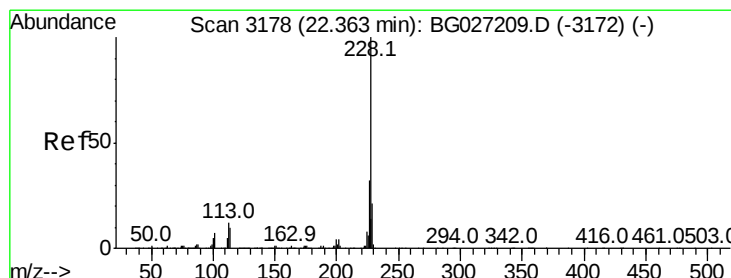
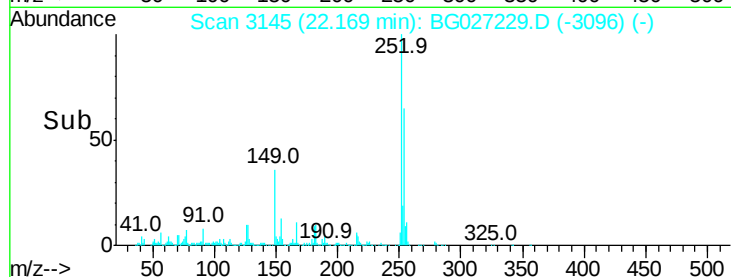
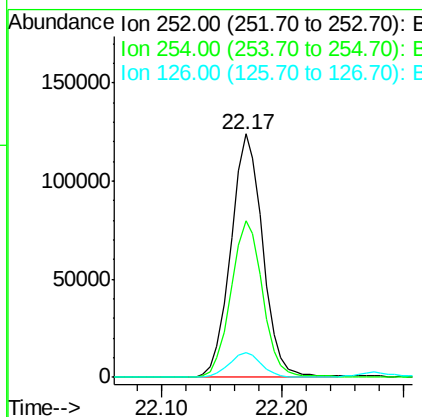
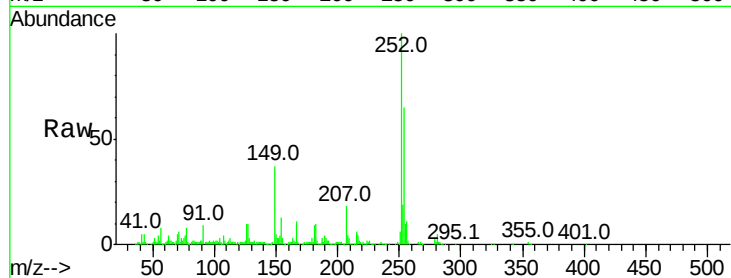
#81
 3,3'-Dichlorobenzidine
 Concen: 24.89 ng
 RT: 22.17 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Tot Ion:	252	Resp:	227981
Ion Ratio	Lower	Upper	
252	100		
254	64.5	53.1	79.7
126	10.2	7.0	10.4

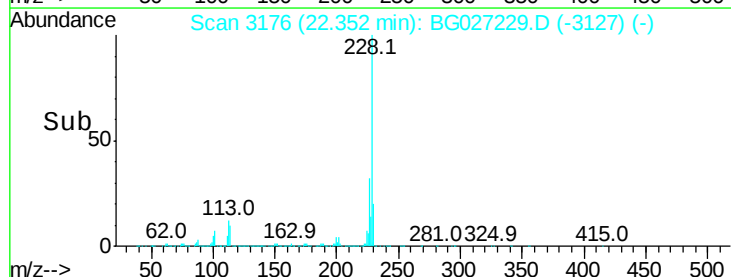
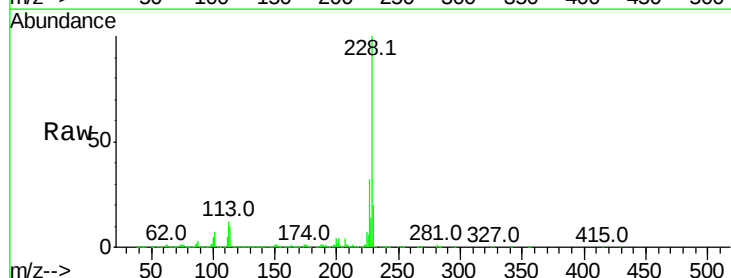
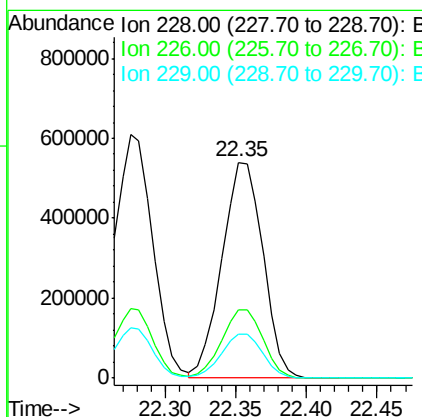
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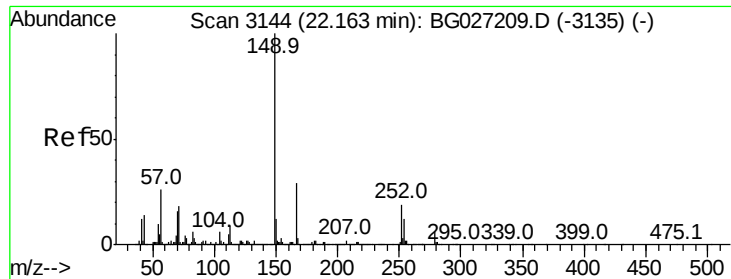
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#82
 Chrysene
 Concen: 48.14 ng
 RT: 22.35 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Tgt Ion:	228	Resp:	1088288
Ion Ratio	Lower	Upper	
228	100		
226	31.6	27.0	40.4
229	20.3	17.8	26.6





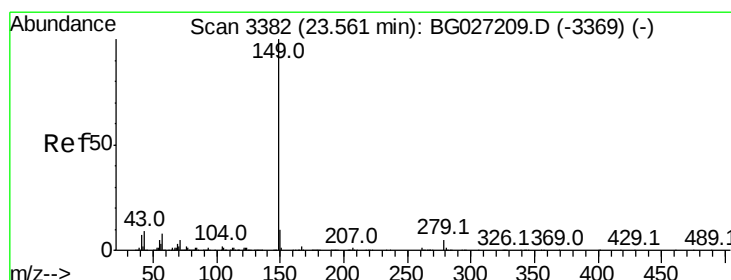
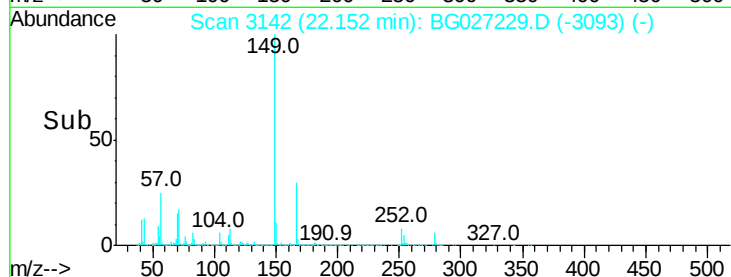
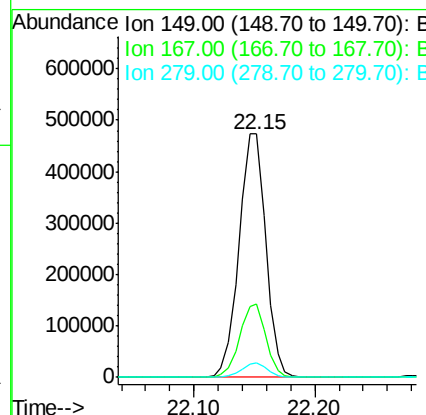
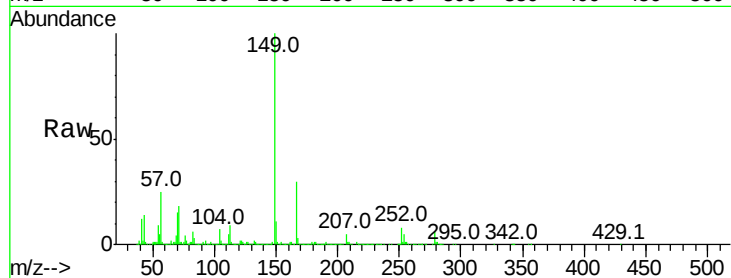
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.89 ng
 RT: 22.15 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.7	35.5
279	6.0	4.6	6.8

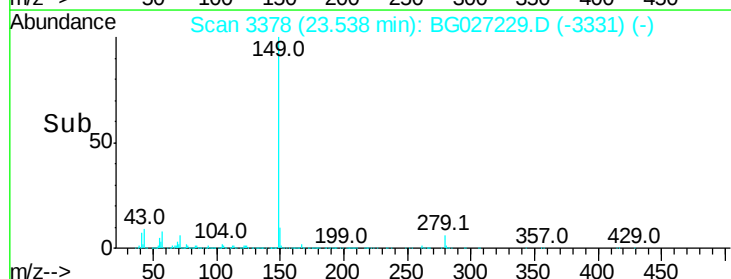
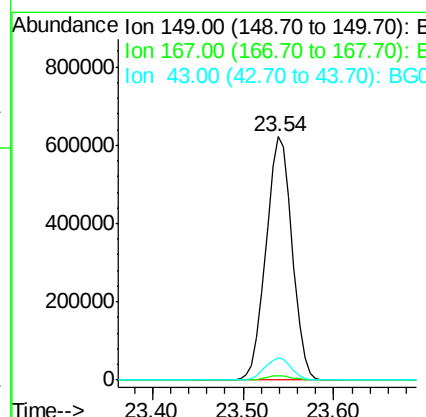
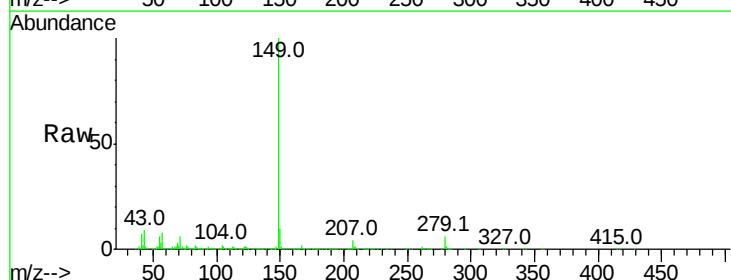
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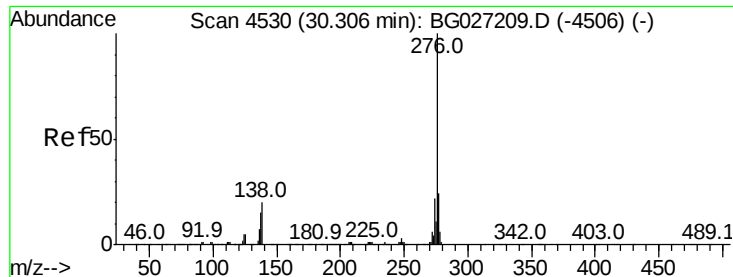
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 56.25 ng
 RT: 23.54 min Scan# 3378
 Delta R.T. -0.02 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.0	11.8	17.6





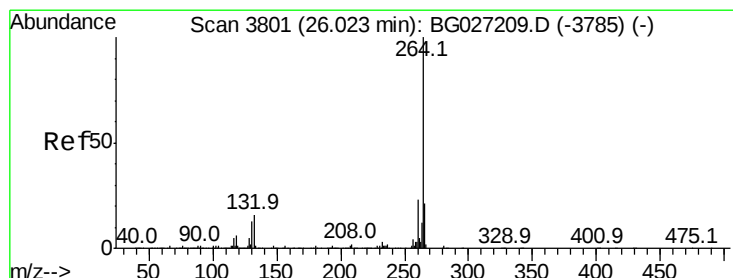
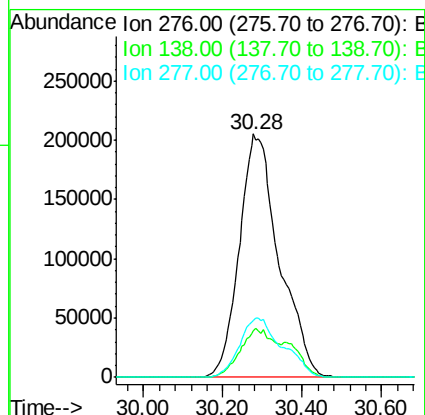
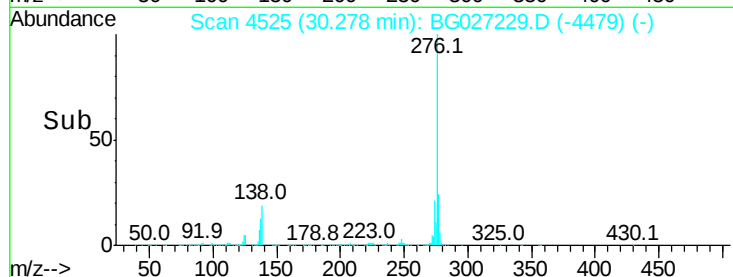
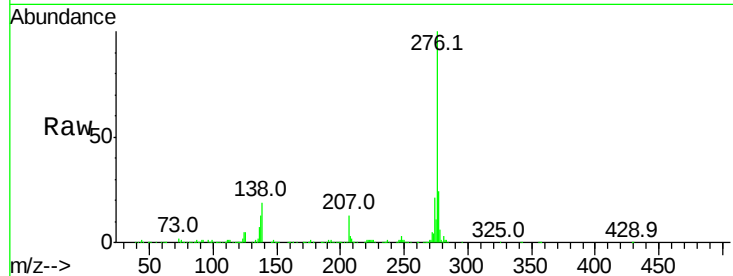
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.33 ng
RT: 30.28 min Scan# 4525
Delta R.T. -0.03 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.5	4.7	7.1#
277	26.3	20.6	31.0

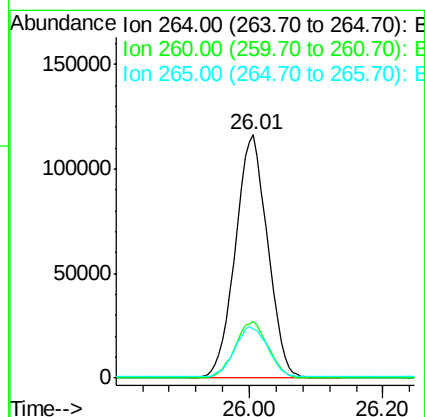
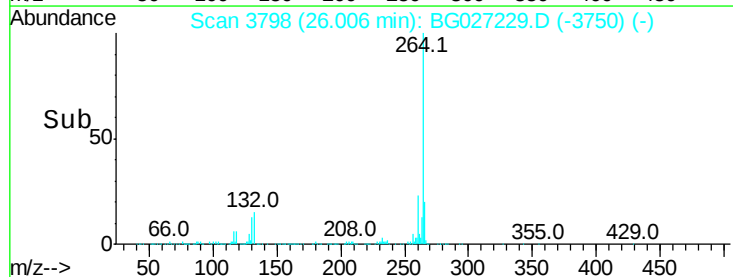
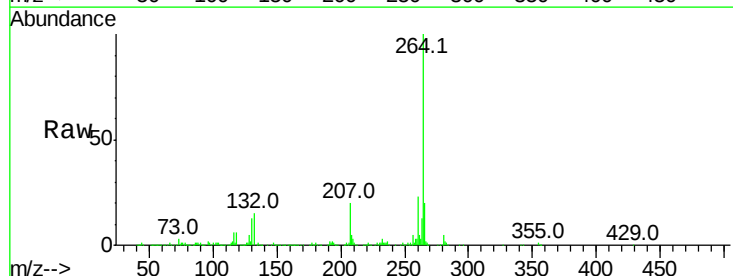
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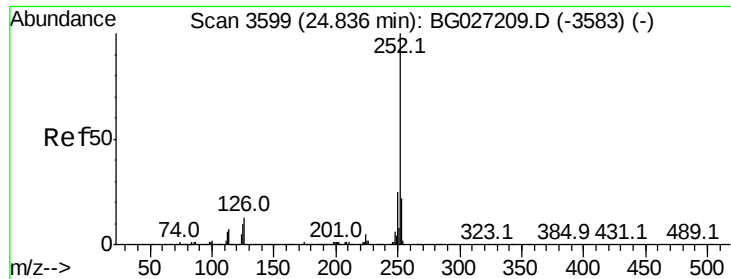
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 26.01 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	20.4	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 50.89 ng

RT: 24.82 min Scan# 3596

Delta R.T. -0.02 min

Lab File: BG027229.D

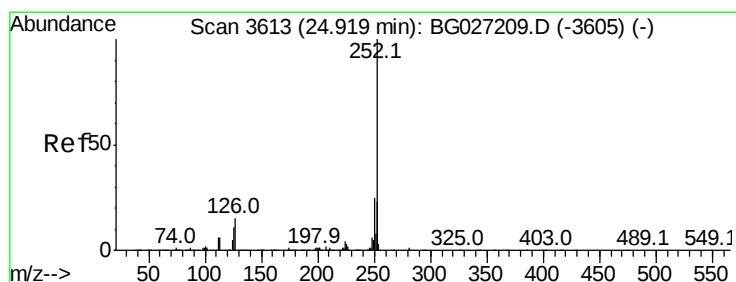
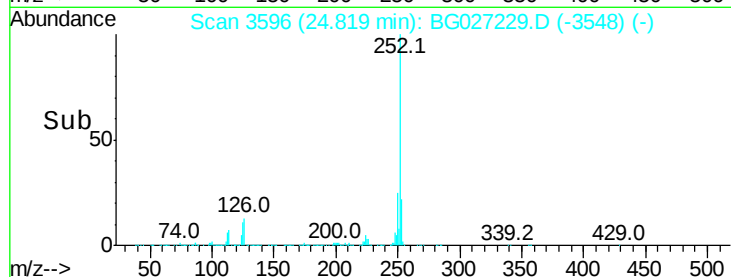
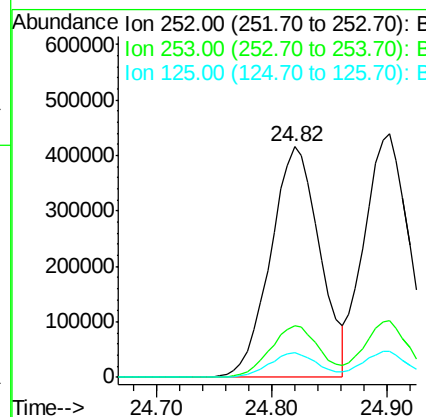
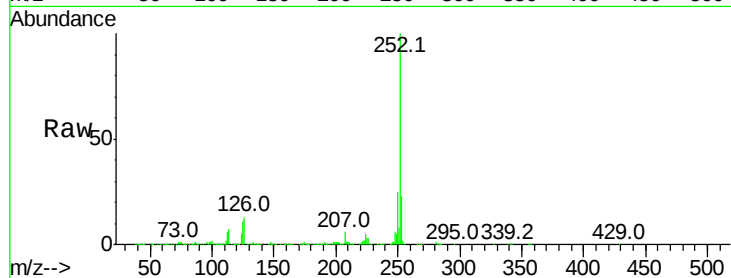
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	10.6	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 49.85 ng

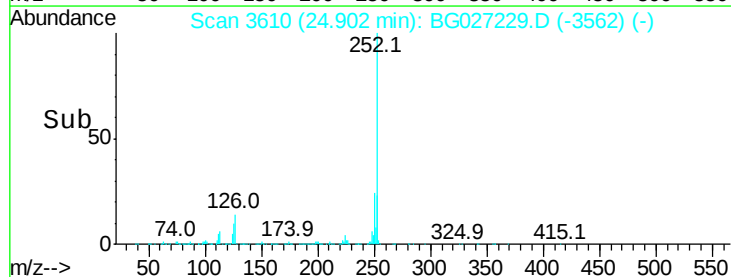
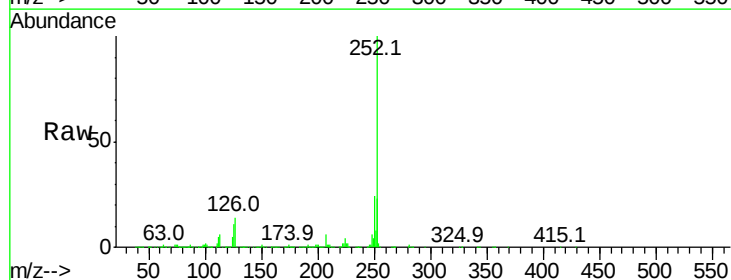
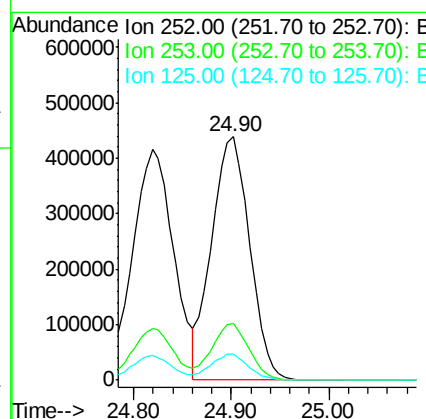
RT: 24.90 min Scan# 3610

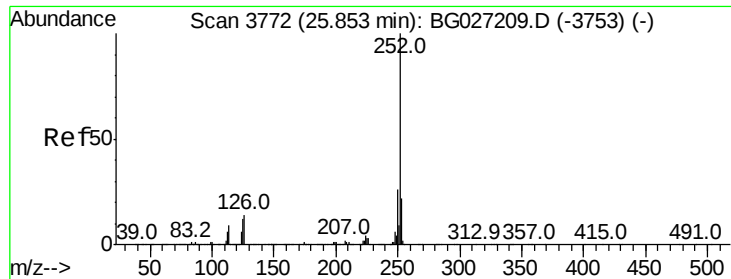
Delta R.T. -0.02 min

Lab File: BG027229.D

Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.2	30.2
125	10.5	5.1	7.7#





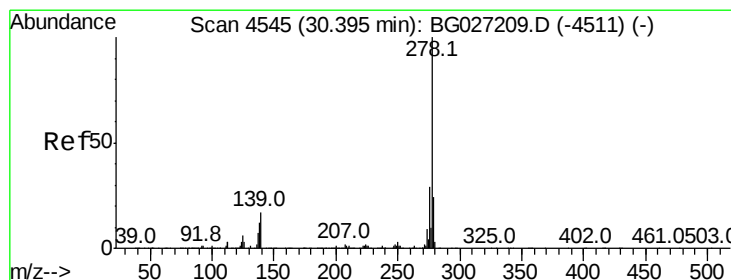
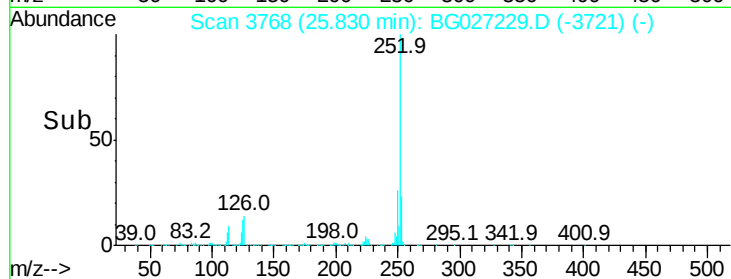
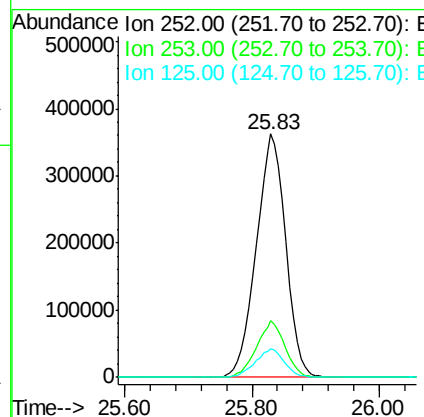
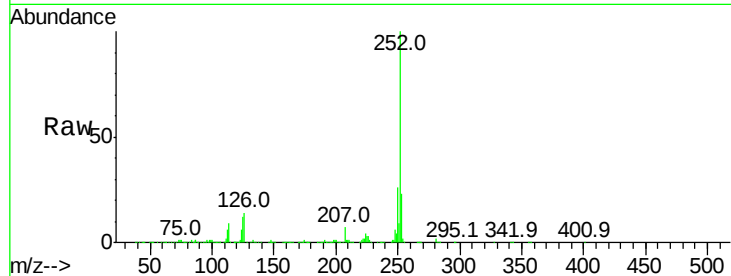
#89
Benzo(a)pyrene
Concen: 51.46 ng
RT: 25.83 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Instrument :
BNA_G
ClientSampleId :
S22-0025MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	11.9	5.4	8.0

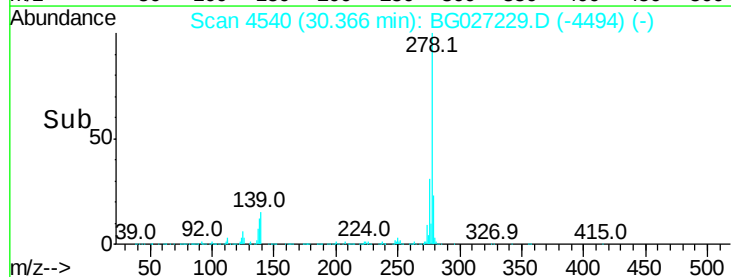
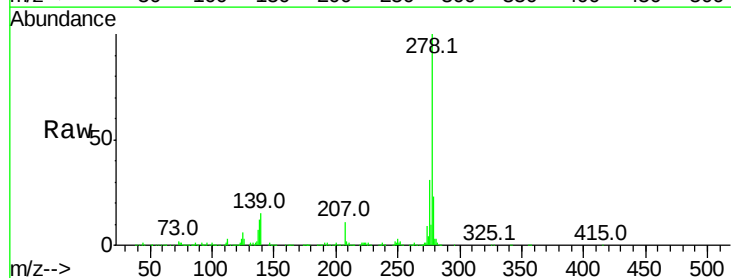
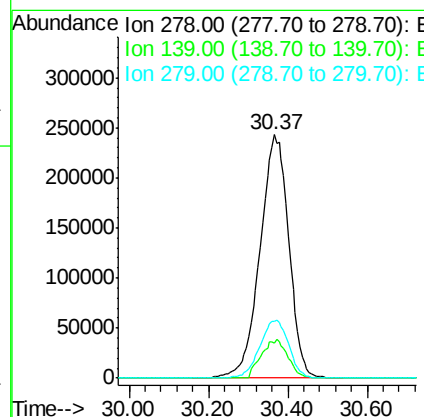
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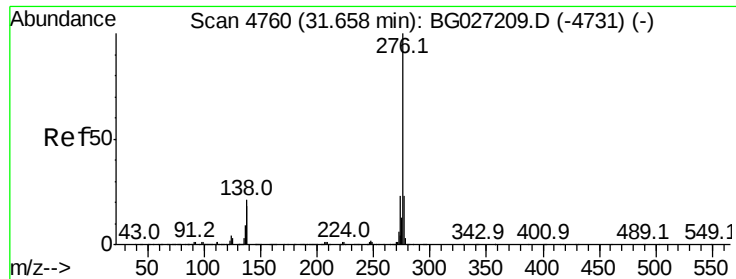
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 51.45 ng
RT: 30.37 min Scan# 4540
Delta R.T. -0.03 min
Lab File: BG027229.D
Acq: 6 Jun 2017 1:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	7.7	11.5
279	23.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 50.61 ng
 RT: 31.63 min Scan# 4755
 Delta R.T. -0.03 min
 Lab File: BG027229.D
 Acq: 6 Jun 2017 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	20.9	8.1	12.1#

Manual Integrations
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