

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027228.D
 Acq On : 6 Jun 2017 1:09
 Operator : SJ/MA
 Sample : I3407-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MS

Manual Integrations
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 6/6/2017 5:14:26 PM

Quant Time: Jun 06 11:00:40 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	59216	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	276589	20.00	ng	0.00
38) Acenaphthene-d10	15.16	164	176202	20.00	ng	0.00
63) Phenanthrene-d10	17.91	188	391941	20.00	ng	0.00
75) Chrysene-d12	22.30	240	448469	20.00	ng	0.00
86) Perylene-d12	26.00	264	421232	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	192346	49.57	ng	0.00
7) Phenol-d6	7.70	99	174172	30.58	ng	0.00
23) Nitrobenzene-d5	9.73	82	356743	81.11	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	269278	116.05	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	898842	71.36	ng	0.00
78) Terphenyl-d14	20.49	244	1210470	68.85	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.16	88	18823	11.70	ng	# 77
3) Pyridine	4.55	79	44889	9.05	ng	# 71
4) n-Nitrosodimethylamine	4.46	42	26149	14.24	ng	# 60
6) Aniline	7.89	93	128637	17.93	ng	# 89
8) 2-Chlorophenol	8.14	128	126220	30.80	ng	# 89
9) Benzaldehyde	7.72	77	75238	19.10	ng	# 1
10) Phenol	7.72	94	66443	11.41	ng	# 78
11) bis(2-Chloroethyl)ether	7.98	93	156580	32.77	ng	# 84
12) 1,3-Dichlorobenzene	8.46	146	146298	31.65	ng	# 91
13) 1,4-Dichlorobenzene	8.61	146	150776	31.79	ng	# 95
14) 1,2-Dichlorobenzene	8.93	146	147769	31.94	ng	# 94
15) Benzyl Alcohol	8.79	79	87887	21.90	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.09	45	214147	31.32	ng	# 89
17) 2-Methylphenol	8.98	107	98460	23.91	ng	# 85
18) Hexachloroethane	9.66	117	80522	50.40	ng	# 31
19) n-Nitroso-di-n-propylamine	9.36	70	135903	34.10	ng	# 85
20) 3+4-Methylphenols	9.30	107	120490	21.12	ng	# 88
22) Acetophenone	9.39	105	340146	48.09	ng	# 81
24) Nitrobenzene	9.77	77	190307	37.98	ng	# 87
25) Isophorone	10.30	82	369907	35.77	ng	# 96
26) 2-Nitrophenol	10.49	139	78738	39.60	ng	# 74
27) 2,4-Dimethylphenol	10.53	122	157733	35.47	ng	# 90
28) bis(2-Chloroethoxy)methane	10.77	93	234052	34.95	ng	# 99
29) 2,4-Dichlorophenol	11.02	162	151831	37.40	ng	# 98
30) 1,2,4-Trichlorobenzene	11.24	180	156443	34.81	ng	# 95
31) Naphthalene	11.44	128	1030229	68.15	ng	# 99
32) Benzoic acid	10.60	122	26204m	15.12	ng	# 97
33) 4-Chloroaniline	11.54	127	152234	24.17	ng	# 88
34) Hexachlorobutadiene	11.72	225	90783	32.86	ng	# 97
35) Caprolactam	12.41	113	9051m	6.50	ng	# 90
36) 4-Chloro-3-methylphenol	12.61	107	169699	33.36	ng	# 90
37) 2-Methylnaphthalene	13.01	142	539327m	48.91	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	187173	34.10	ng	# 98
40) Hexachlorocyclopentadiene	13.34	237	180114	61.65	ng	# 97

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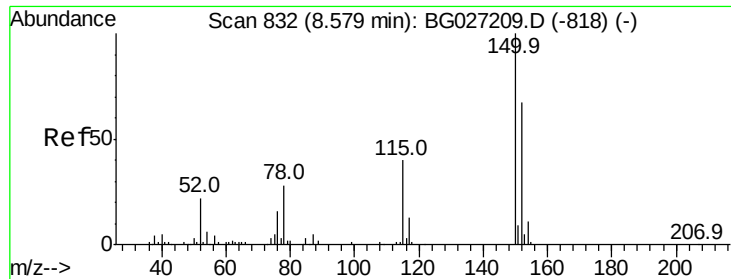
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	134688	40.45	nq	98
43) 2,4,5-Trichlorophenol	13.66	196	140198	37.63	nq	95
45) 1,1'-Biphenyl	13.99	154	518690	36.06	nq	97
46) 2-Chloronaphthalene	14.04	162	382129	35.44	nq	99
47) 2-Nitroaniline	14.23	65	119246	40.18	nq	# 80
48) Acenaphthylene	14.88	152	606660	33.24	nq	97
49) Dimethylphthalate	14.60	163	586670	41.97	nq	97
50) 2,6-Dinitrotoluene	14.72	165	105406	38.39	nq	# 77
51) Acenaphthene	15.22	154	452252	38.10	nq	100
52) 3-Nitroaniline	15.05	138	73542	27.46	nq	84
53) 2,4-Dinitrophenol	15.24	184	111614	81.07	nq	# 88
54) Dibenzofuran	15.55	168	614543	37.05	nq	92
55) 4-Nitrophenol	15.33	139	66500	29.38	nq	# 59
56) 2,4-Dinitrotoluene	15.50	165	141474	40.26	nq	# 85
57) Fluorene	16.20	166	496852	33.72	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.77	232	133653m	40.19	nq	
59) Diethylphthalate	15.95	149	506084	36.30	nq	99
60) 4-Chlorophenyl-phenylether	16.18	204	254908	34.35	nq	93
61) 4-Nitroaniline	16.21	138	103876	36.13	nq	# 63
62) Azobenzene	16.48	77	498881	38.61	nq	89
64) 4,6-Dinitro-2-methylphenol	16.26	198	80069	46.54	nq	91
65) n-Nitrosodiphenylamine	16.40	169	446164	36.31	nq	99
66) 4-Bromophenyl-phenylether	17.08	248	165304	35.63	nq	97
67) Hexachlorobenzene	17.21	284	173982	34.87	nq	90
68) Atrazine	17.34	200	150569	36.64	nq	97
69) Pentachlorophenol	17.54	266	229519	78.48	nq	97
70) Phenanthrene	17.95	178	774678	35.13	nq	95
71) Anthracene	18.04	178	792537	35.87	nq	98
72) Carbazole	18.31	167	705148	33.84	nq	95
73) Di-n-butylphthalate	18.83	149	851965	42.17	nq	# 94
74) Fluoranthene	19.94	202	886837	37.65	nq	94
76) Benzidine	20.11	184	6701	0.50	nq	# 93
77) Pyrene	20.30	202	905088	33.40	nq	97
79) Butylbenzylphthalate	21.19	149	382734	39.97	nq	91
80) Benzo(a)anthracene	22.28	228	906610	35.45	nq	96
81) 3,3'-Dichlorobenzidine	22.17	252	181004	18.19	nq	96
82) Chrysene	22.35	228	826706	33.67	nq	97
83) Bis(2-ethylhexyl)phthalate	22.15	149	551700	38.13	nq	100
84) Di-n-octyl phthalate	23.54	149	929172	38.77	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.27	276	1066284	35.86	nq	# 89
87) Benzo(b)fluoranthene	24.82	252	928812	35.55	nq	# 96
88) Benzo(k)fluoranthene	24.90	252	896008	34.96	nq	# 94
89) Benzo(a)pyrene	25.83	252	876994	35.66	nq	# 94
90) Dibenzo(a,h)anthracene	30.37	278	910096	35.35	nq	# 94
91) Benzo(g,h,i)perylene	31.62	276	871021	34.94	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

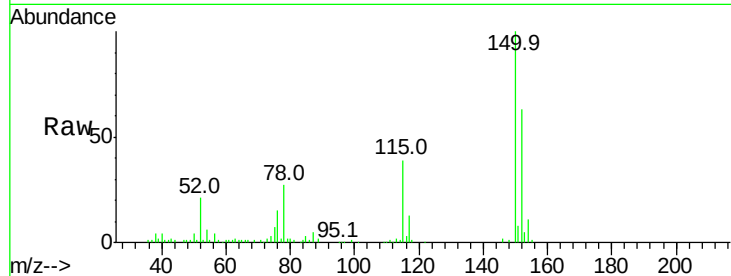
ClientSampleId :

S22-0025MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	114.0	171.0
115	62.4	48.1	72.1

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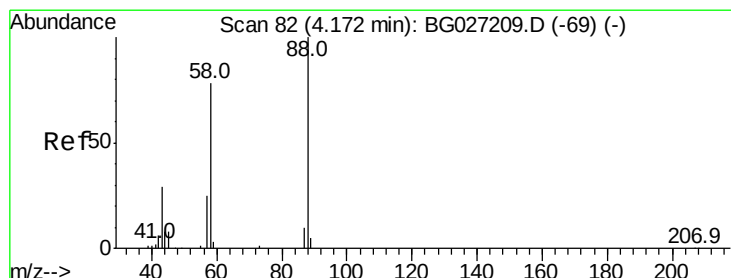
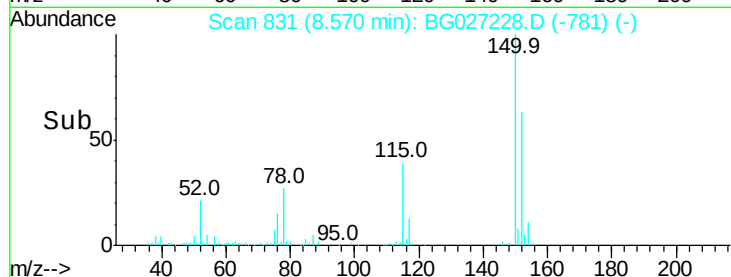
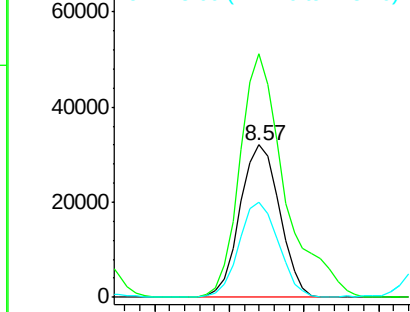


Abundance

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: 11.70 ng

RT: 4.16 min Scan# 81

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

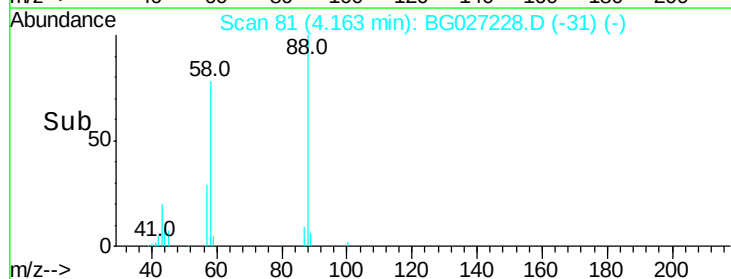
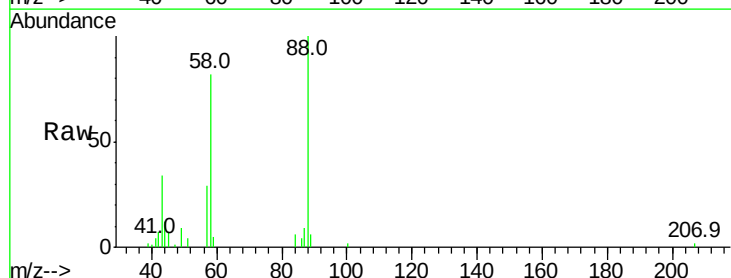
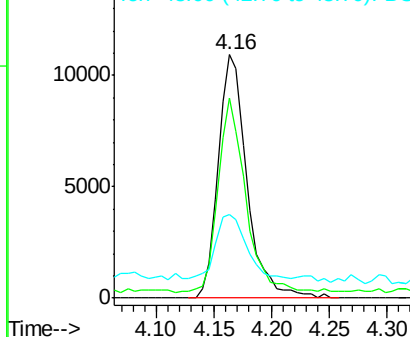
Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	79.4	119.2#
43	28.0	33.8	50.6#

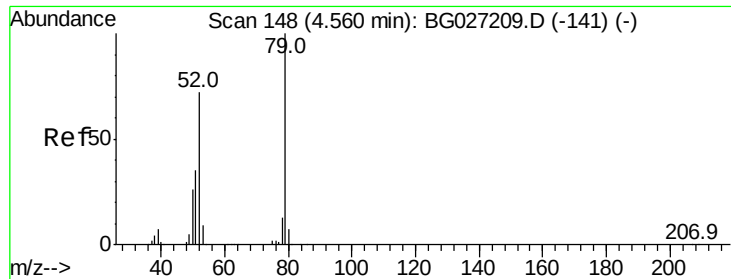
Abundance

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





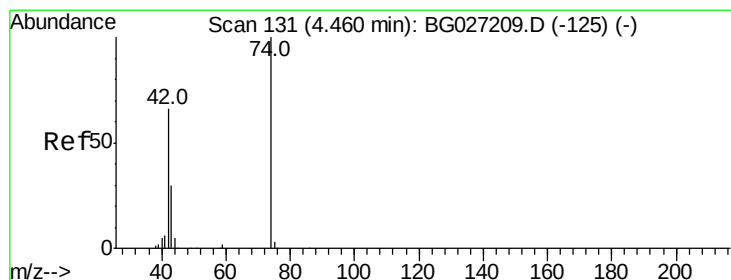
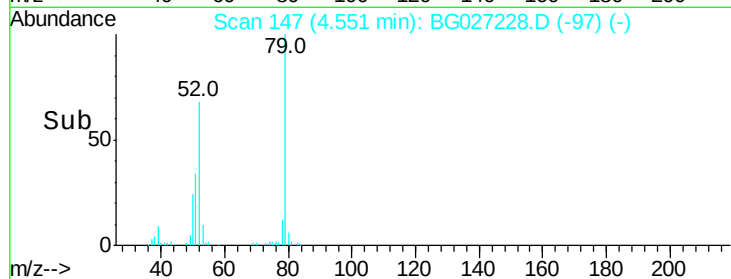
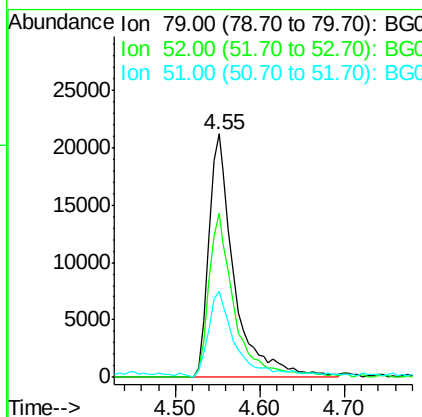
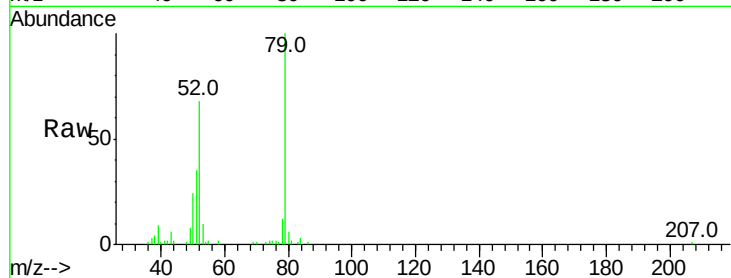
#3
Pvridine
Concen: 9.05 ng
RT: 4.55 min Scan# 147
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
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ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.7	77.8	116.6#
51	35.4	43.2	64.8#

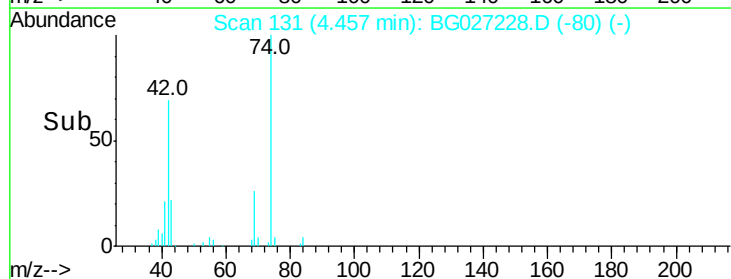
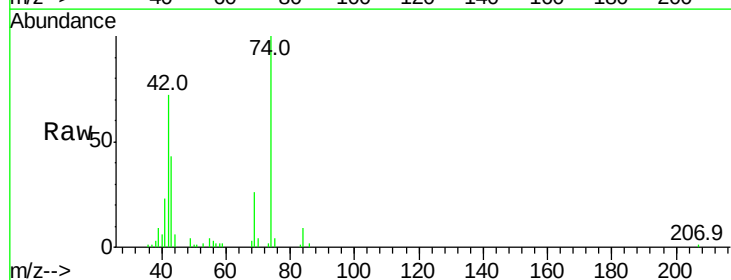
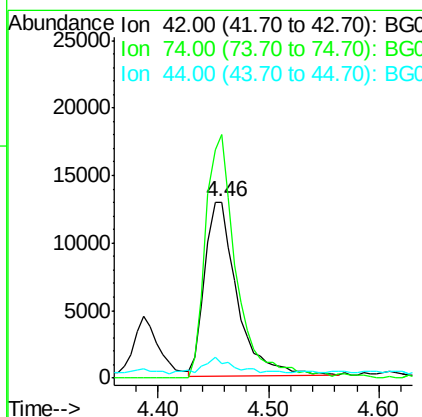
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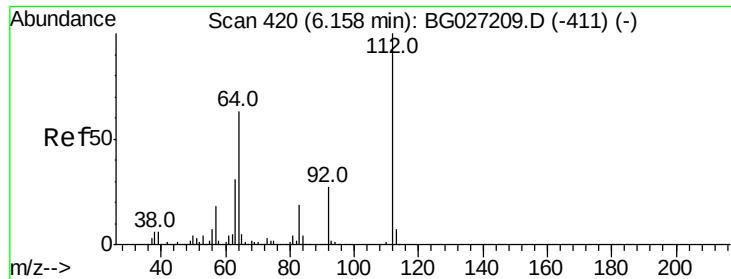
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#4
n-Nitrosodimethylamine
Concen: 14.24 ng
RT: 4.46 min Scan# 131
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.2	76.7	115.1#
44	8.6	6.1	9.1





#5

2-Fluorophenol

Concen: 49.57 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

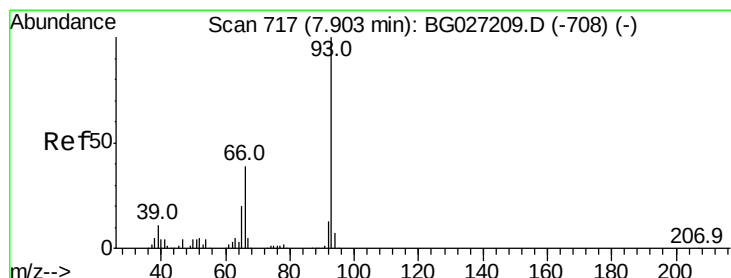
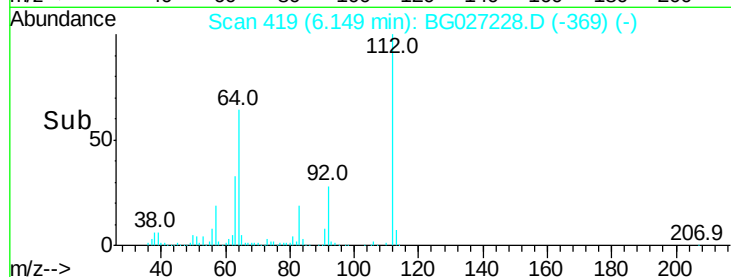
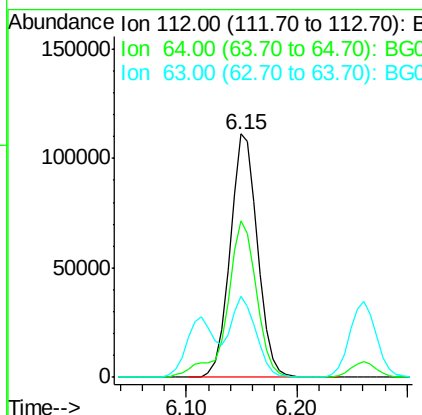
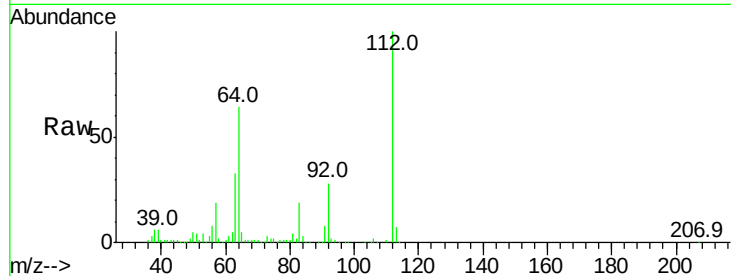
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Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	64.4	61.8	92.6
63	33.1	37.2	55.8#

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#6

Aniline

Concen: 17.93 ng

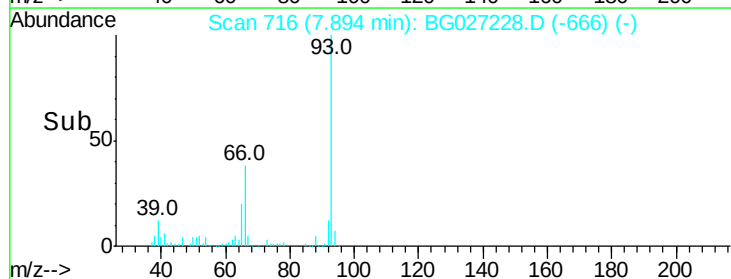
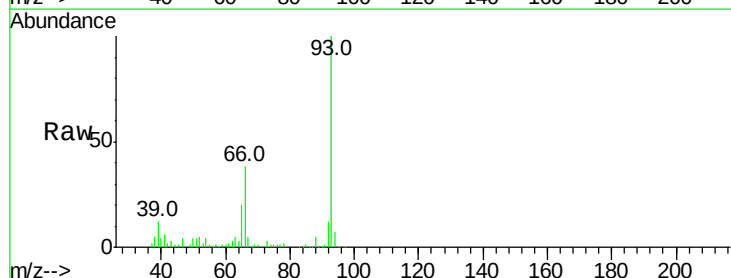
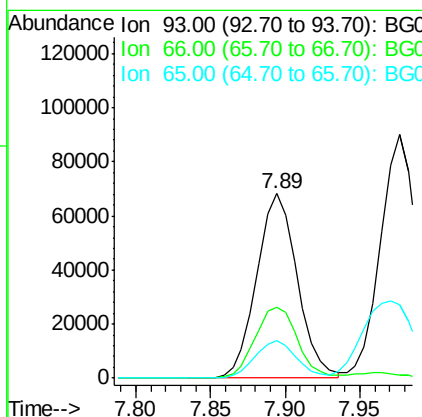
RT: 7.89 min Scan# 716

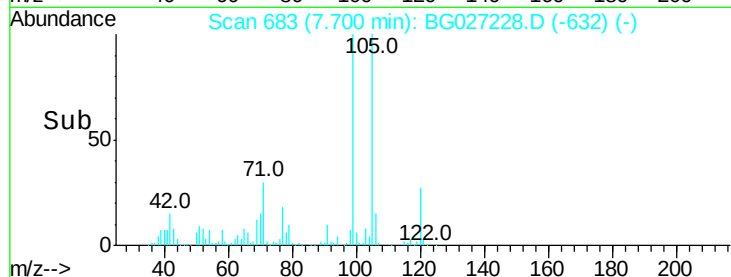
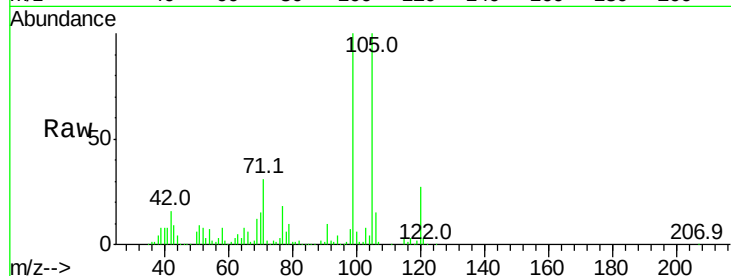
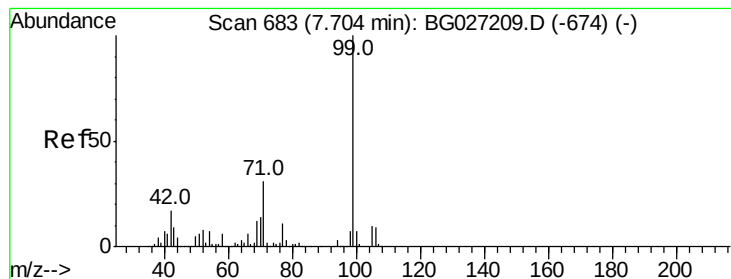
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Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	38.1	35.4	53.2
65	20.2	21.2	31.8#





#7

Phenol-d6

Concen: 30.58 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tot Ion:	99	Resp:	174172
Ion Ratio	Lower	Upper	
99	100		
42	15.6	20.5	30.7#
71	30.7	37.6	56.4#

Instrument :

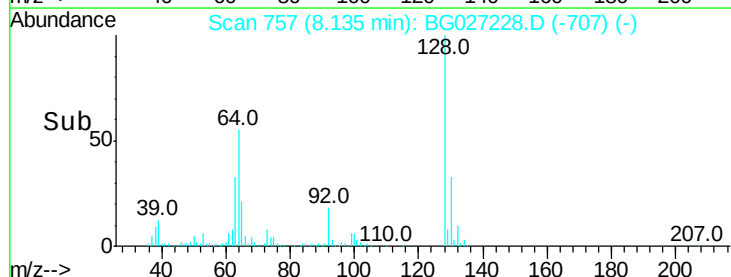
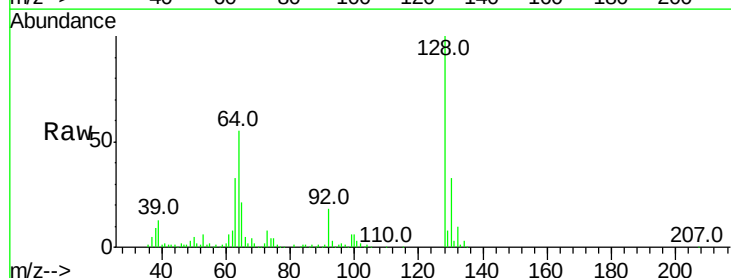
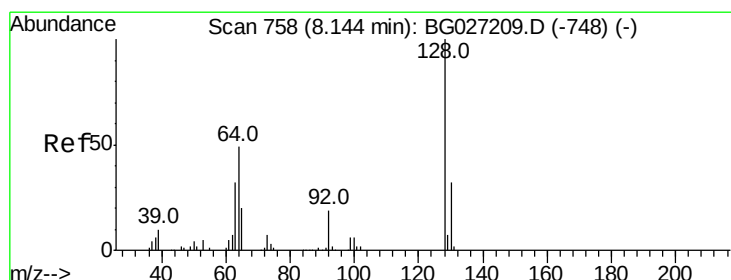
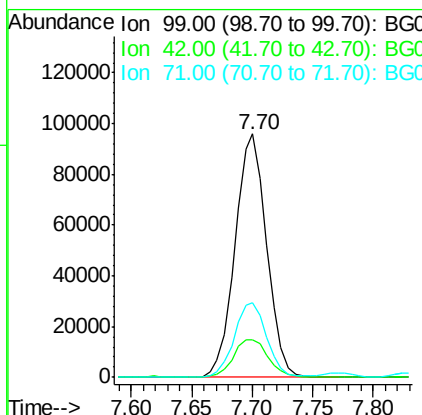
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#8

2-Chlorophenol

Concen: 30.80 ng

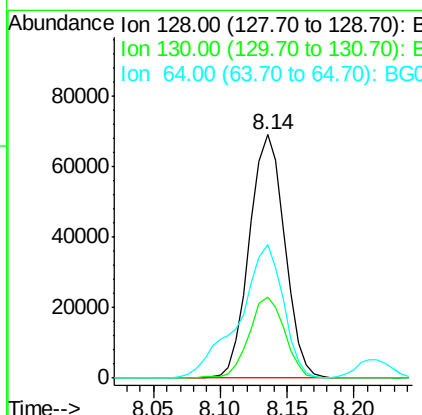
RT: 8.14 min Scan# 757

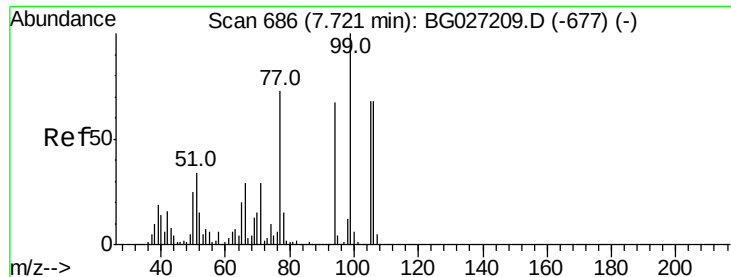
Delta R.T. -0.01 min

Lab File: BG027228.D

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Tgt Ion:	128	Resp:	126220
Ion Ratio	Lower	Upper	
128	100		
130	33.5	11.4	51.4
64	55.0	46.6	86.6





#9

Benzaldehyde

Concen: 19.10 ng

RT: 7.72 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

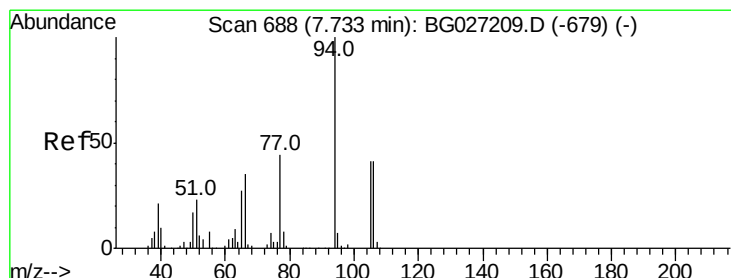
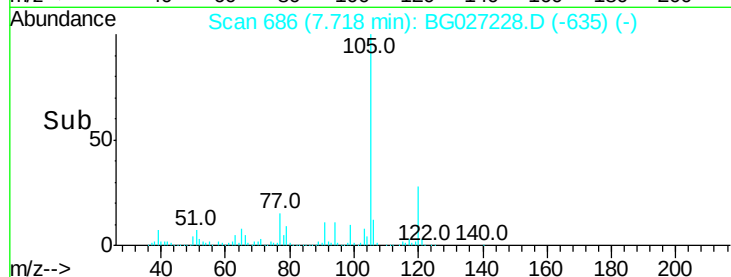
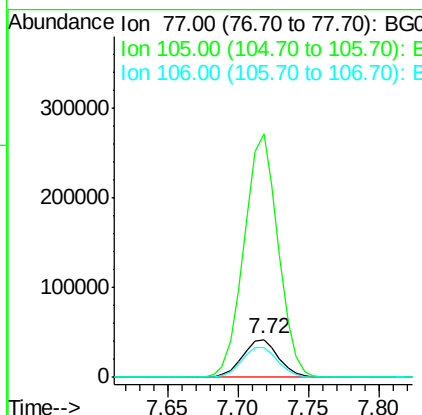
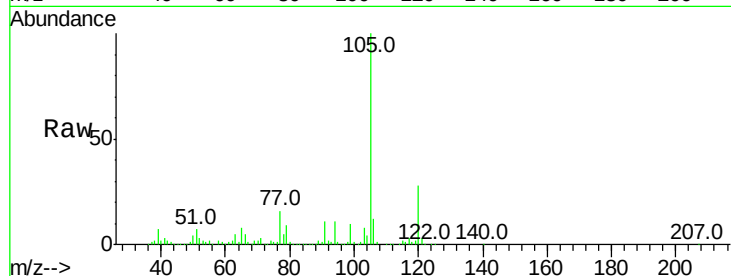
ClientSampleId :

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Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	644.3	60.9	100.9#	
106	78.8	55.1	95.1	

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#10

Phenol

Concen: 11.41 ng

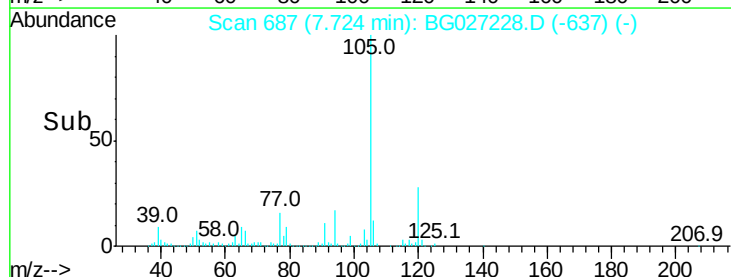
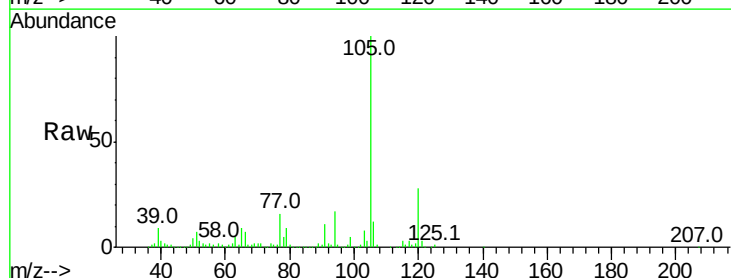
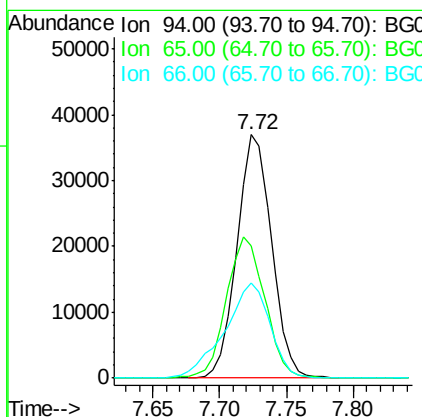
RT: 7.72 min Scan# 687

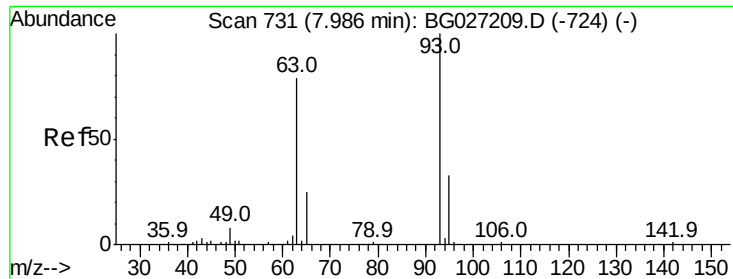
Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	54.1	20.6	60.6	
66	39.2	35.5	75.5	





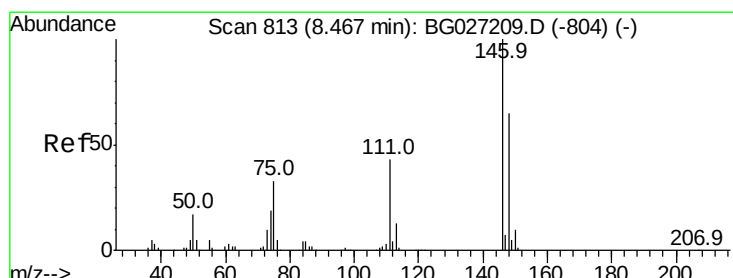
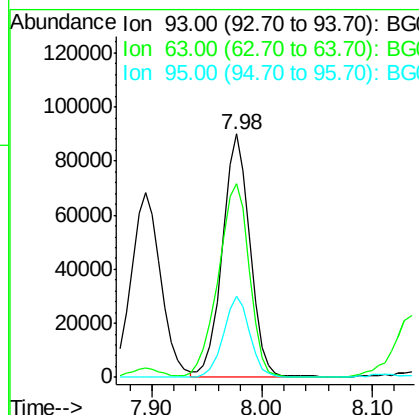
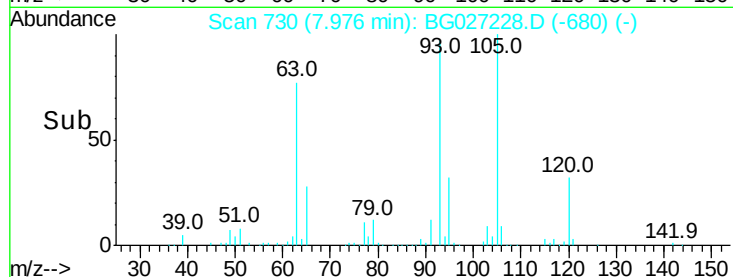
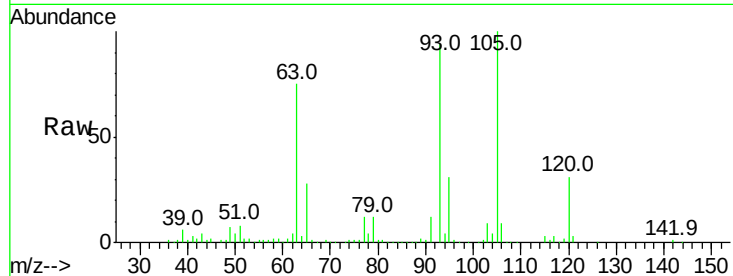
#11
bis(2-Chloroethyl)ether
Concen: 32.77 ng
RT: 7.98 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion:	93	Resp:	156580
Ion Ratio	Lower	Upper	
93	100		
63	79.5	78.5	118.5
95	33.5	9.8	49.8

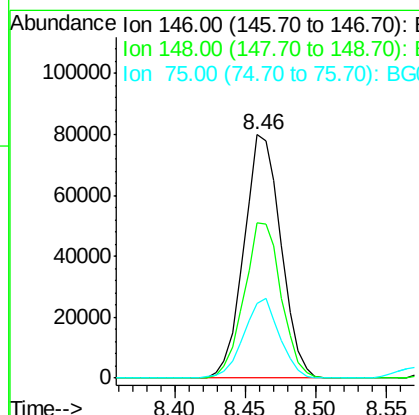
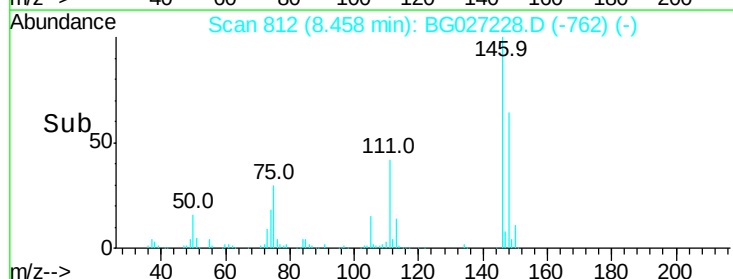
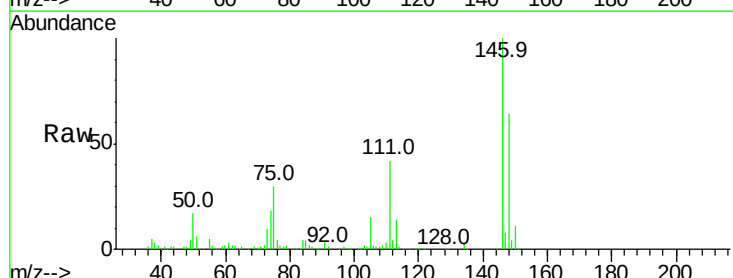
Manual Integrations
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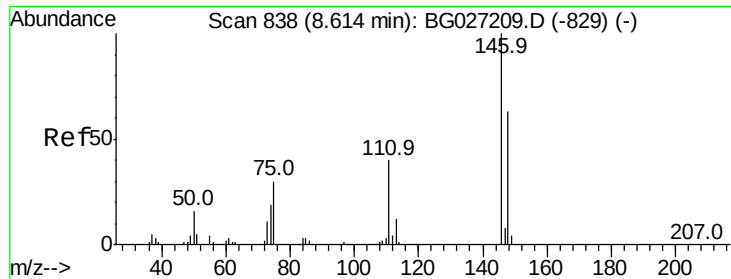
mohammad
6/6/2017 5:14:26 PM



#12
1,3-Dichlorobenzene
Concen: 31.65 ng
RT: 8.46 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion:	146	Resp:	146298
Ion Ratio	Lower	Upper	
146	100		
148	63.6	49.2	73.8
75	30.4	33.4	50.2#





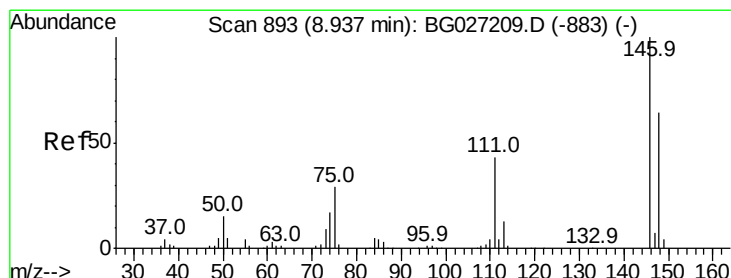
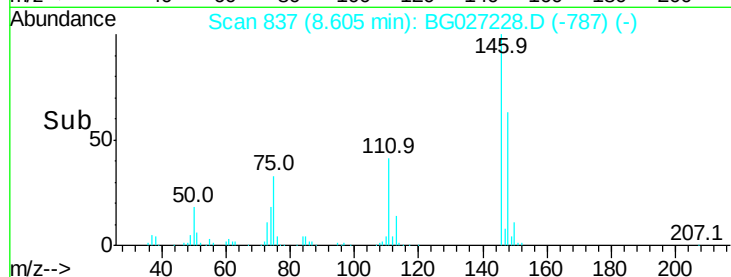
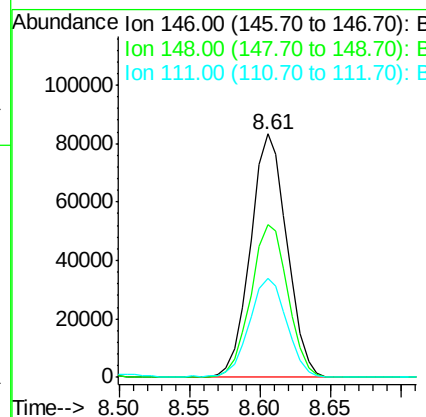
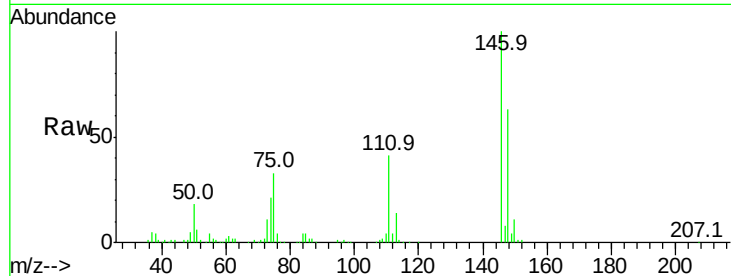
#13
1,4-Dichlorobenzene
Concen: 31.79 ng
RT: 8.61 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	150776		
148	62.6	52.2	78.2	
111	40.7	37.0	55.6	

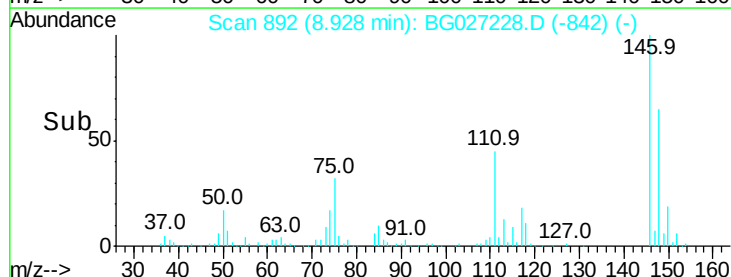
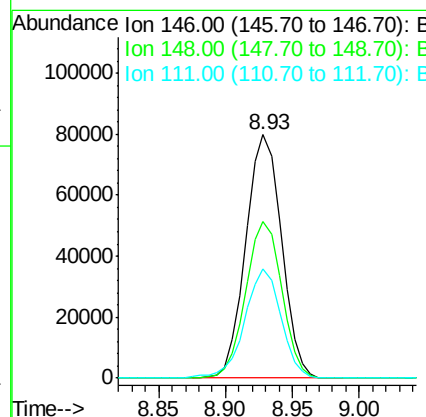
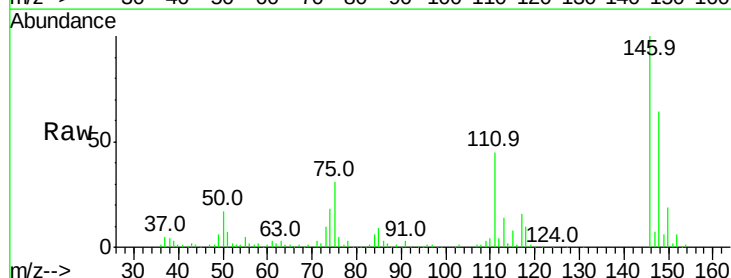
Manual Integrations
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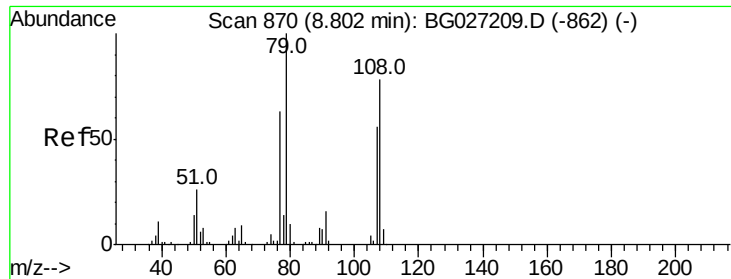
mohammad
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#14
1,2-Dichlorobenzene
Concen: 31.94 ng
RT: 8.93 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	147769		
148	64.2	54.6	81.8	
111	44.7	39.7	59.5	





#15

Benzyl Alcohol

Concen: 21.90 ng

RT: 8.79 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

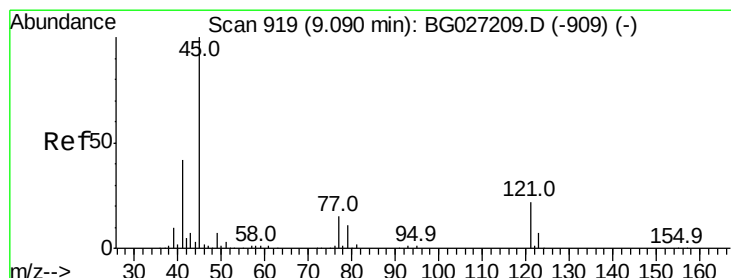
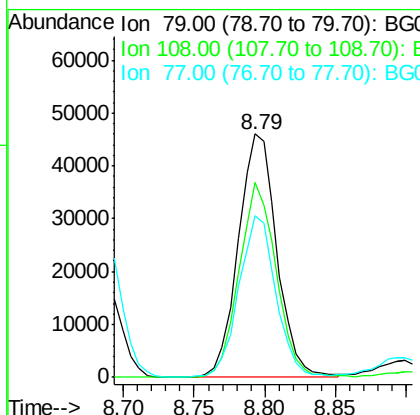
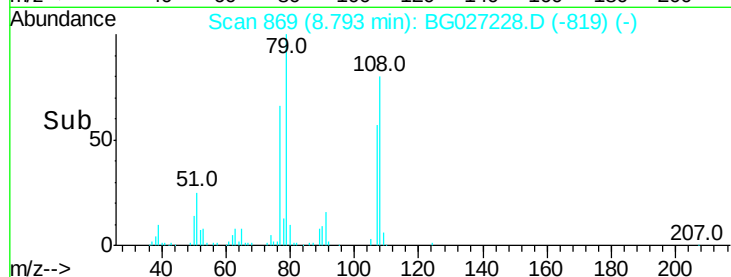
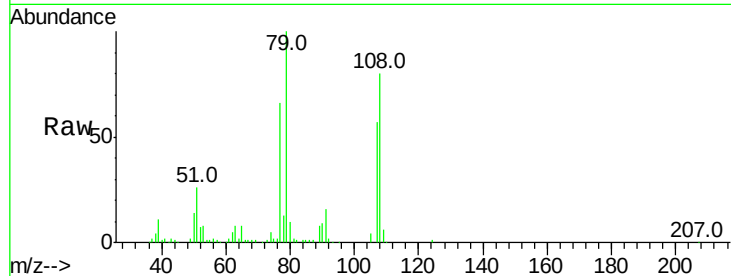
ClientSampleId :

S22-0025MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	45.5	68.3#
77	66.4	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.32 ng

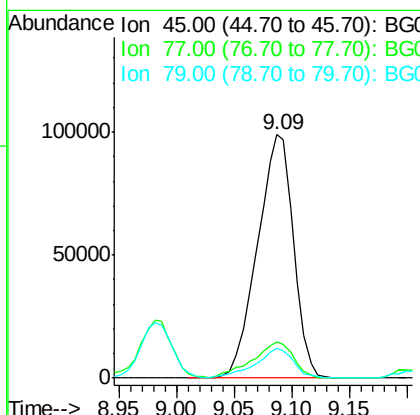
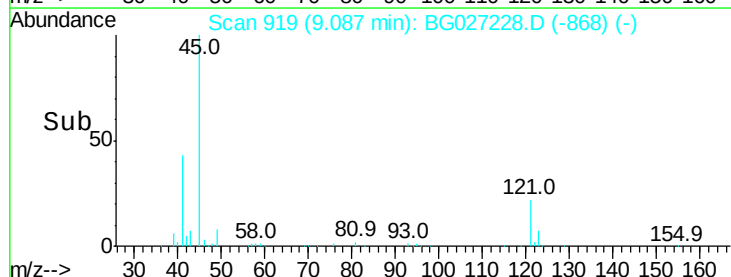
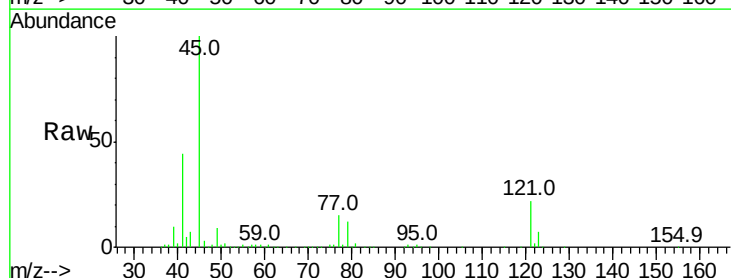
RT: 9.09 min Scan# 919

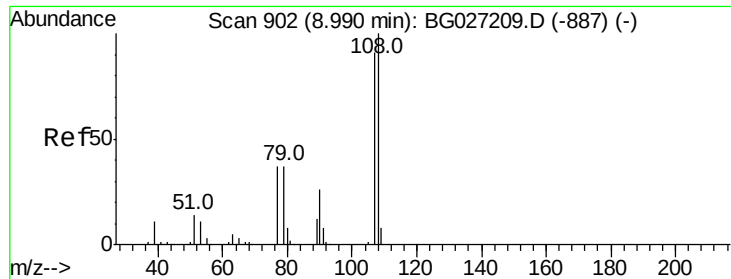
Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	30.6
79	12.2	0.0	28.5





#17

2-Methylphenol

Concen: 23.91 ng

RT: 8.98 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

S22-0025MS

Tot Ion:107 Resp: 98460

Ion Ratio Lower Upper

107 100

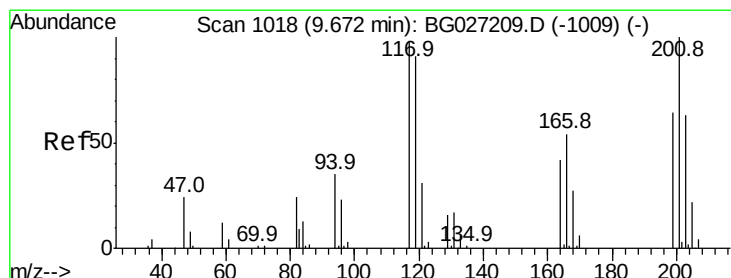
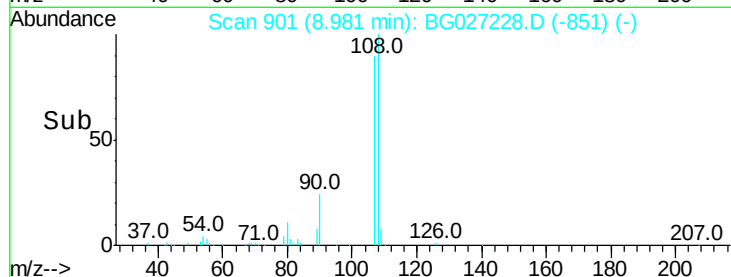
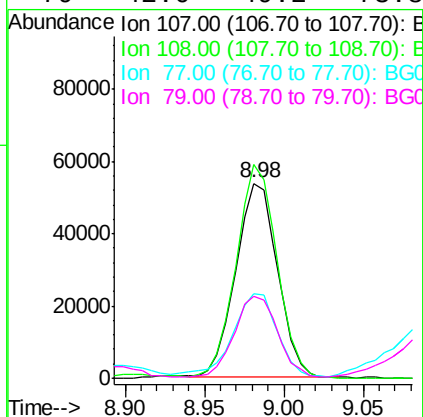
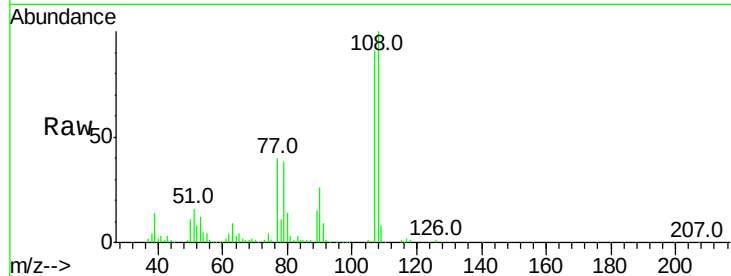
108 109.6 85.6 128.4

77 43.6 51.4 77.2#

79 42.0 49.2 73.8#

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#18

Hexachloroethane

Concen: 50.40 ng

RT: 9.66 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

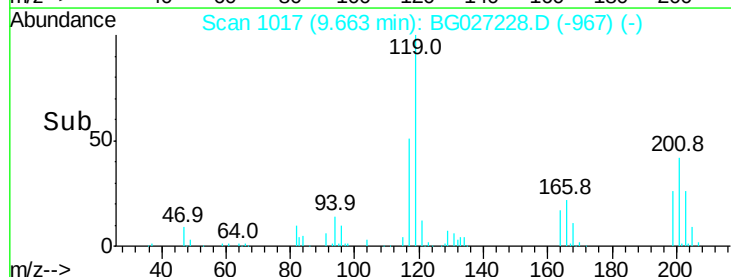
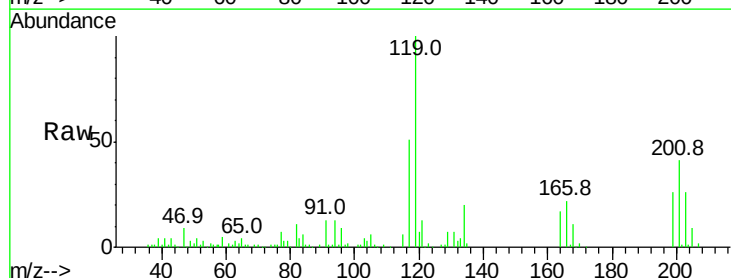
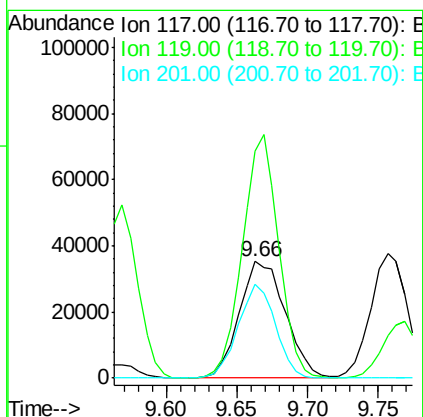
Tgt Ion:117 Resp: 80522

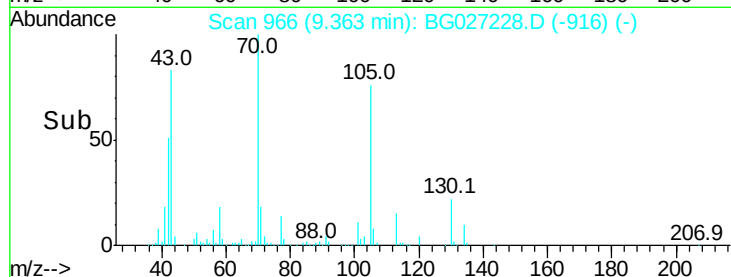
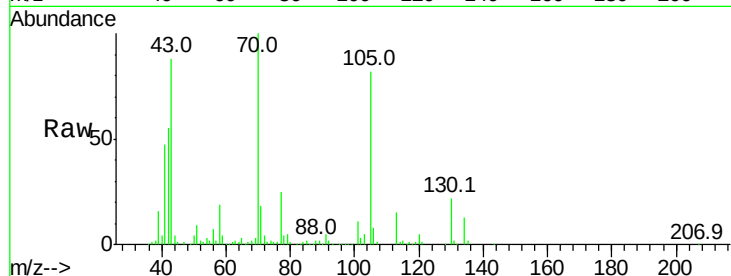
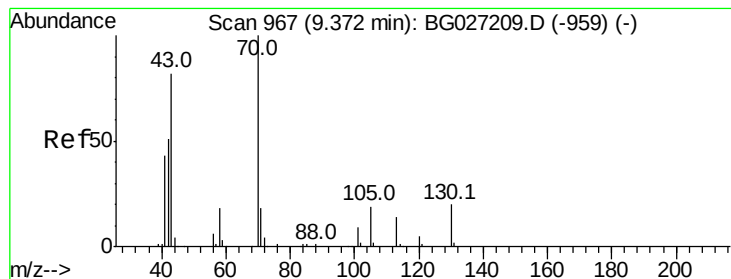
Ion Ratio Lower Upper

117 100

119 195.3 69.8 104.6#

201 80.7 95.4 143.0#





#19

n-Nitroso-di-n-propylamine

Concen: 34.10 ng

RT: 9.36 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

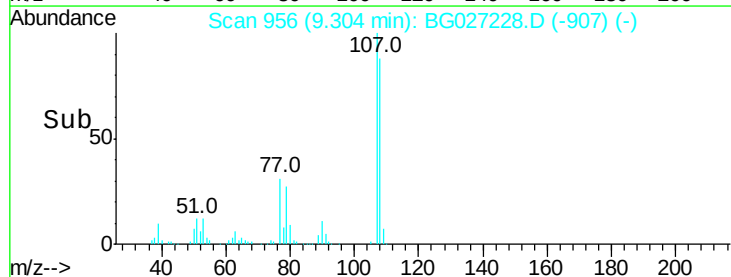
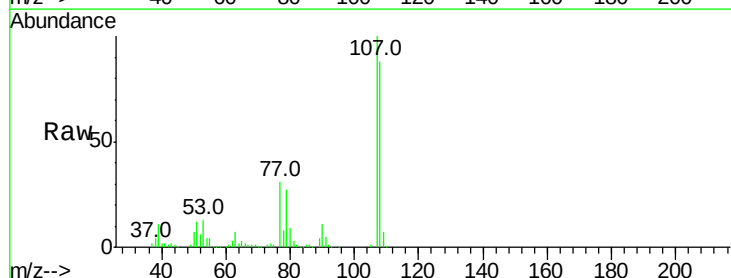
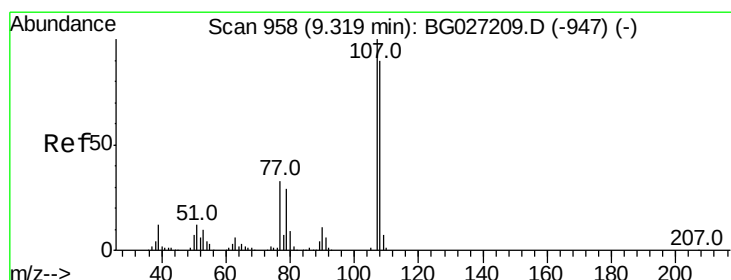
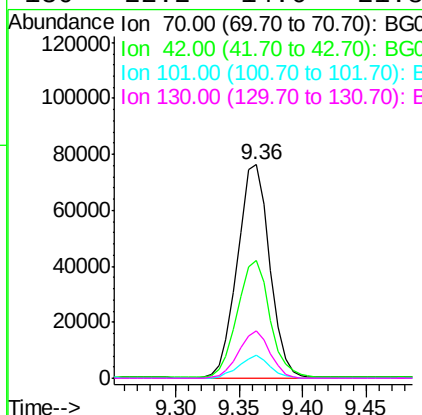
ClientSampleId :

S22-0025MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.0	56.1	84.1#
101	10.7	7.5	11.3
130	22.2	14.6	21.8#

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#20

3+4-Methylphenols

Concen: 21.12 ng

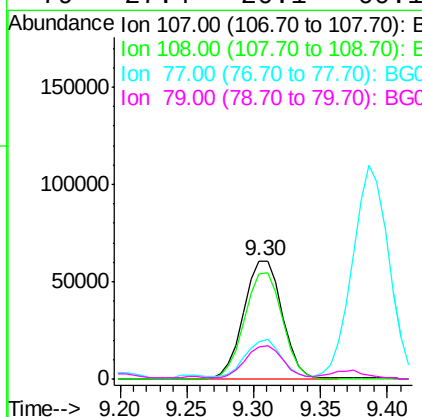
RT: 9.30 min Scan# 956

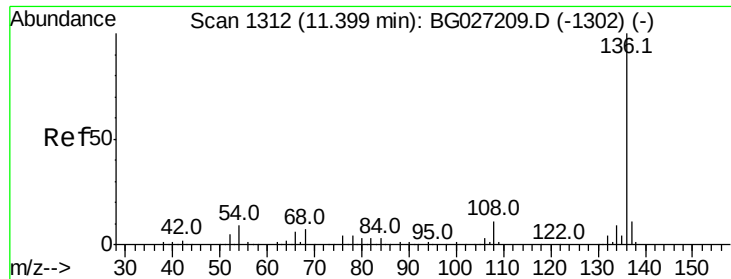
Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.8	110.8
77	31.1	25.8	65.8
79	27.4	20.1	60.1





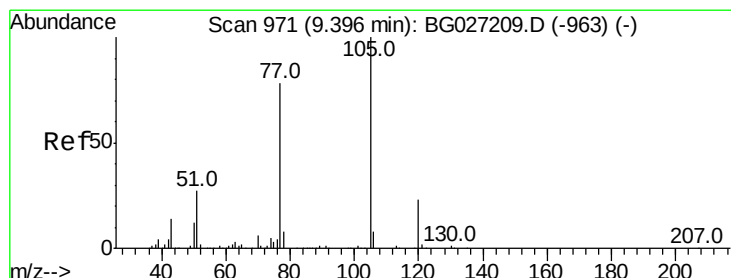
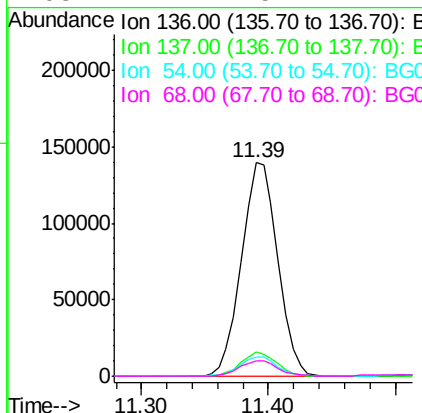
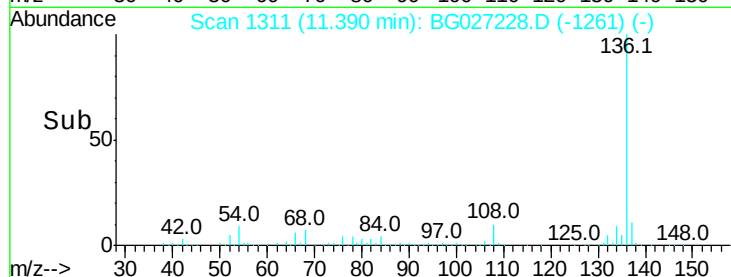
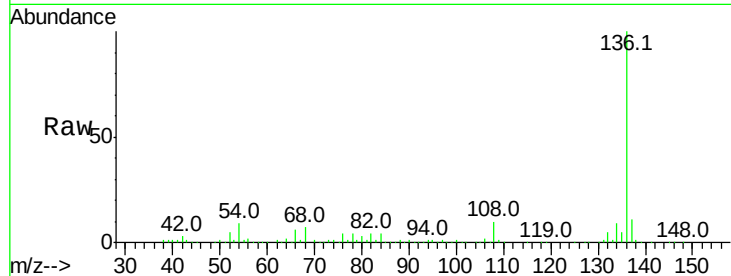
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	8.7	9.3	13.9	
68	7.4	5.1	7.7	

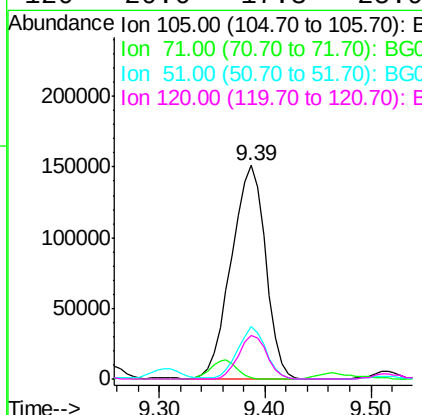
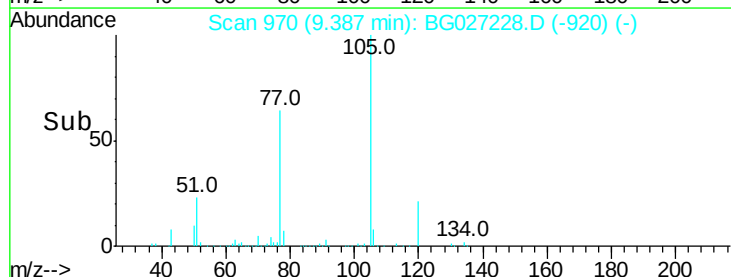
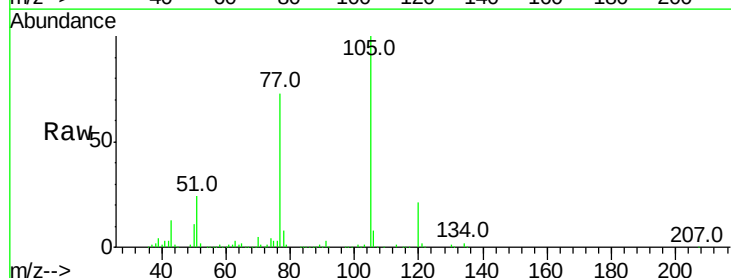
Manual Integrations
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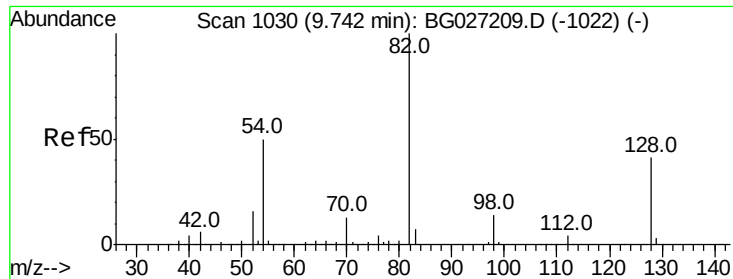
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#22
Acetophenone
Concen: 48.09 ng
RT: 9.39 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.9	1.3	
51	24.3	34.0	51.0	
120	20.6	17.3	25.9	





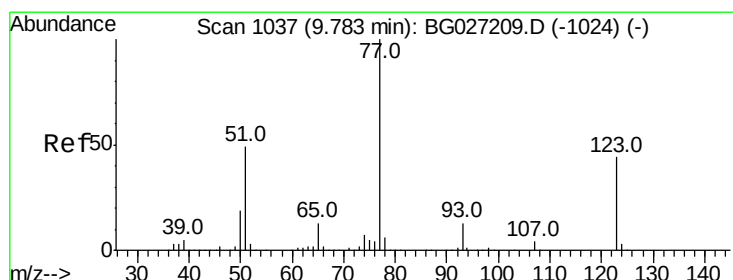
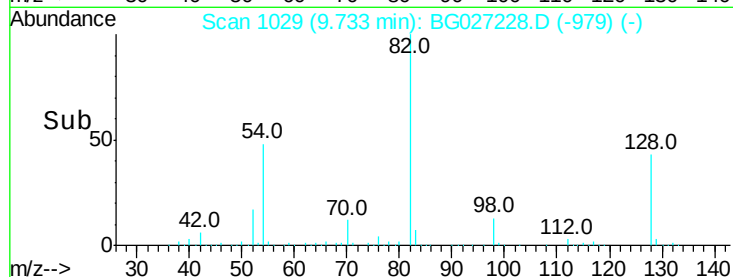
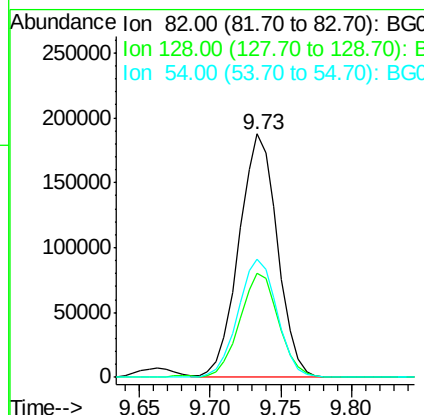
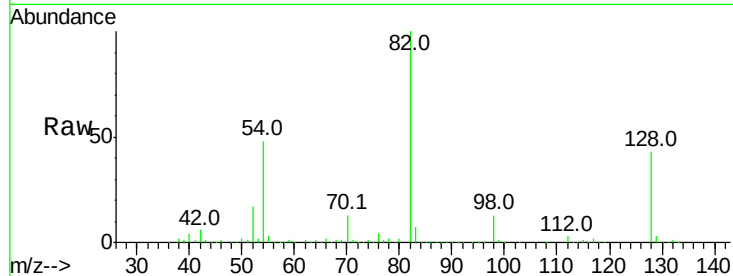
#23
 Nitrobenzene-d5
 Concen: 81.11 ng
 RT: 9.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	26.4	39.6#
54	48.4	49.4	74.2#

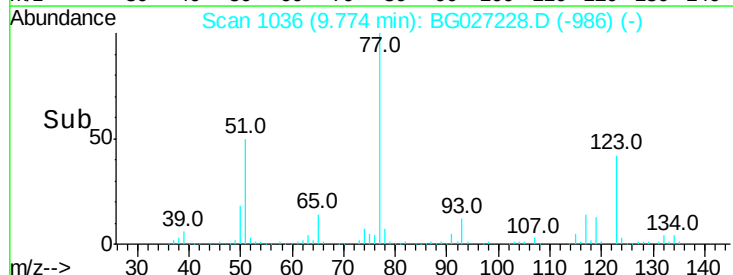
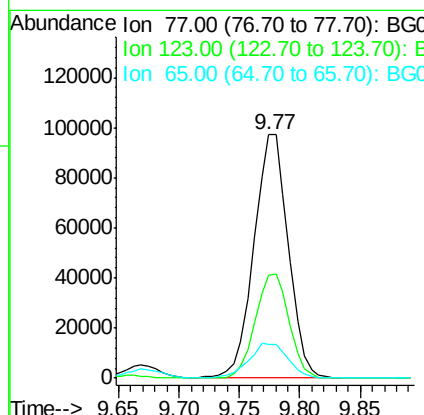
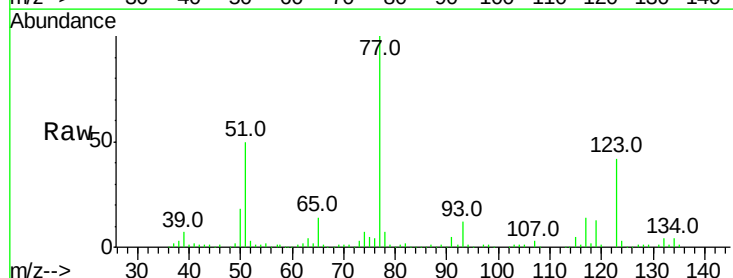
Manual Integrations
 APPROVED

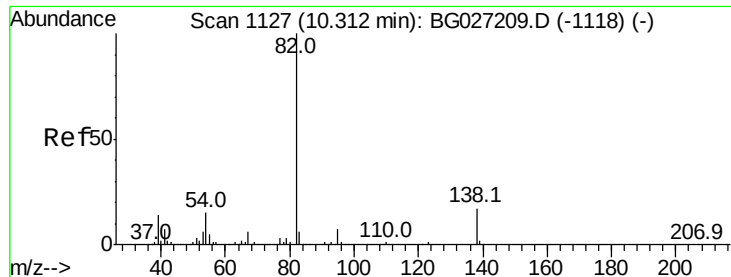
mohammad
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#24
 Nitrobenzene
 Concen: 37.98 ng
 RT: 9.77 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	26.1	39.1#
65	14.1	12.4	18.6





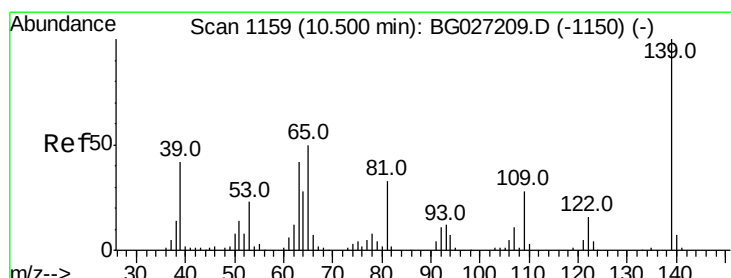
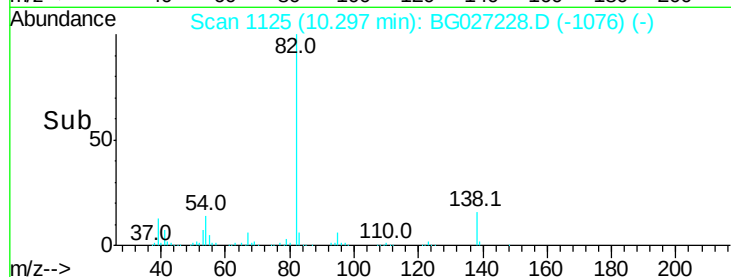
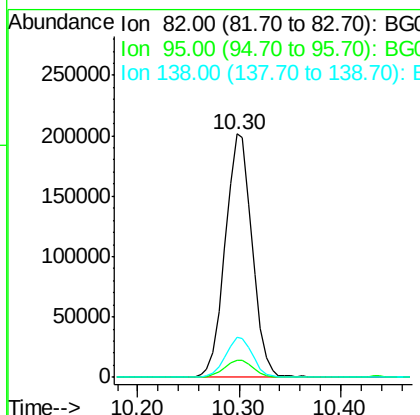
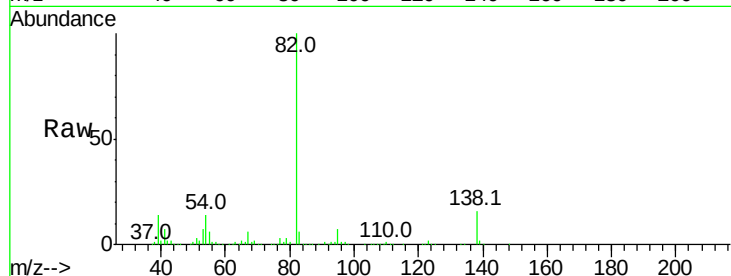
#25
Isophorone
Concen: 35.77 ng
RT: 10.30 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	7.5	11.3#
138	16.2	12.3	18.5

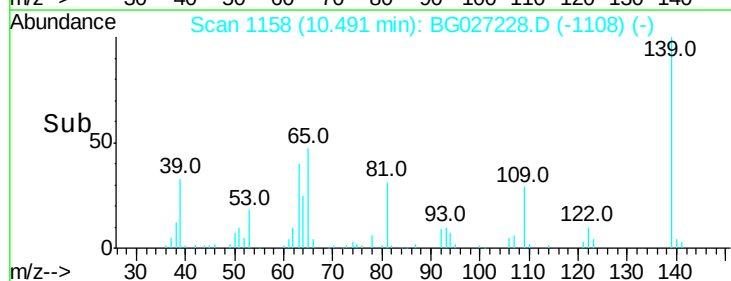
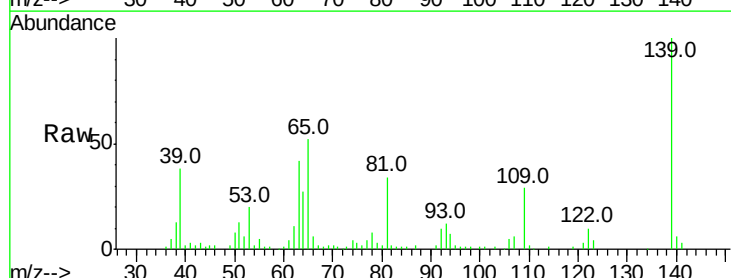
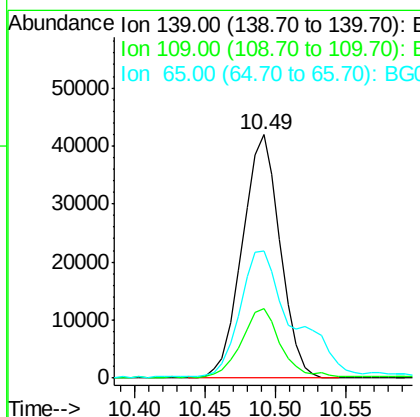
Manual Integrations
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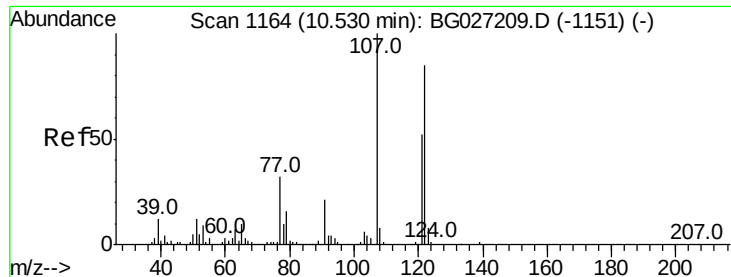
mohammad
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#26
2-Nitrophenol
Concen: 39.60 ng
RT: 10.49 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.6	38.6	58.0#
65	52.1	57.1	85.7#





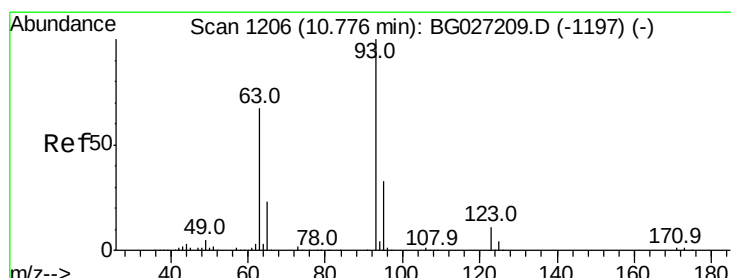
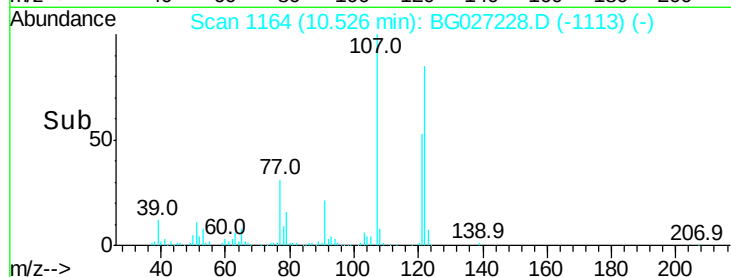
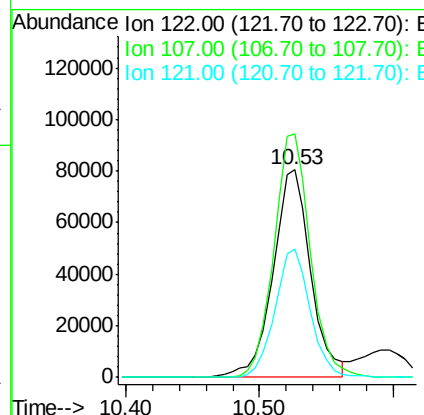
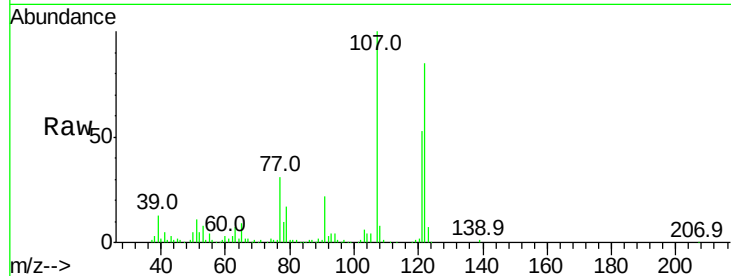
#27
2,4-Dimethylphenol
Concen: 35.47 ng
RT: 10.53 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	104.2	156.4
121	61.9	46.0	69.0

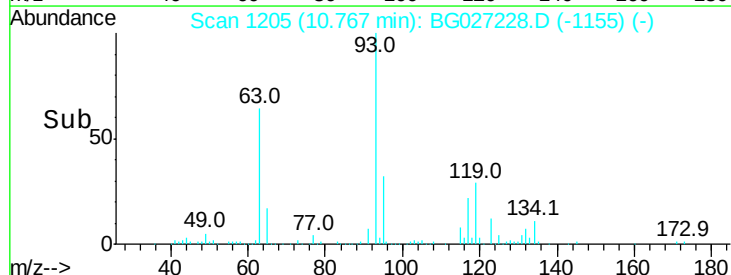
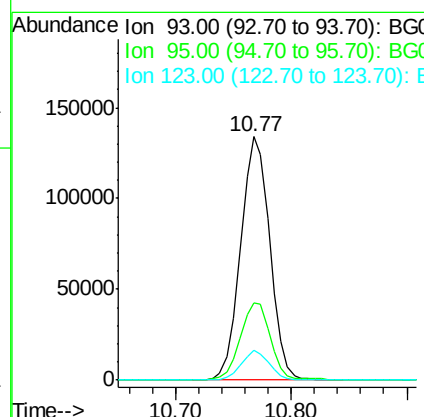
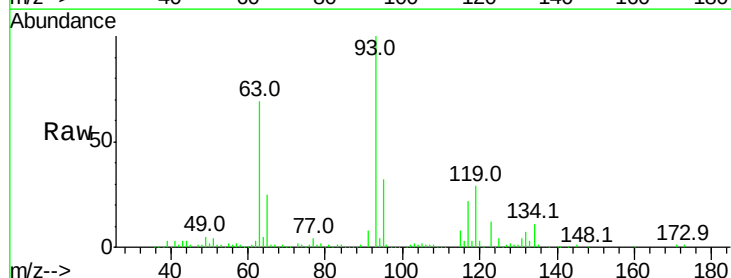
Manual Integrations
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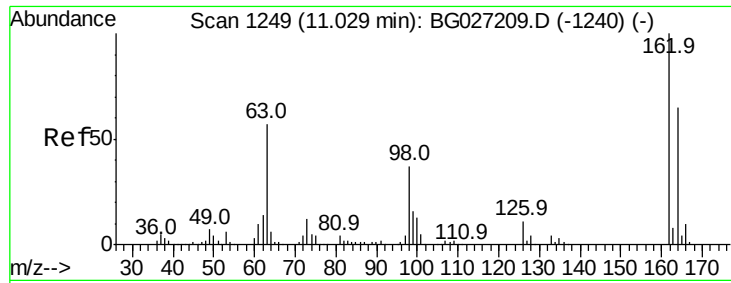
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 34.95 ng
RT: 10.77 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	12.0	8.3	12.5





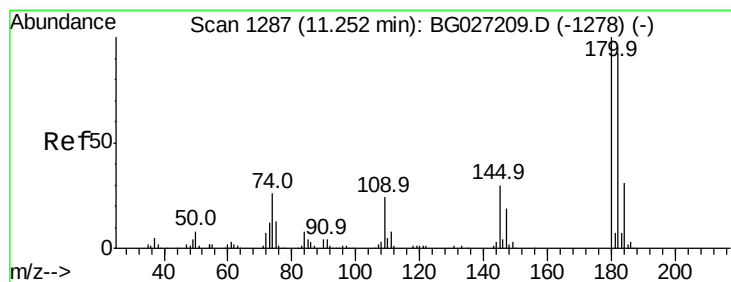
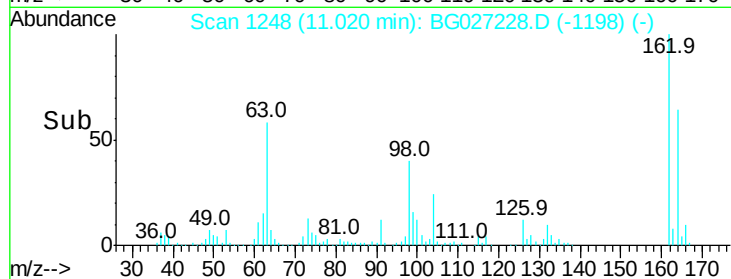
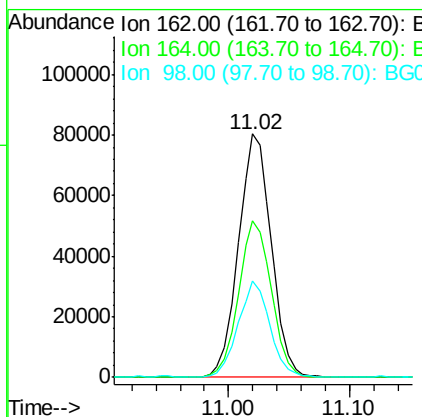
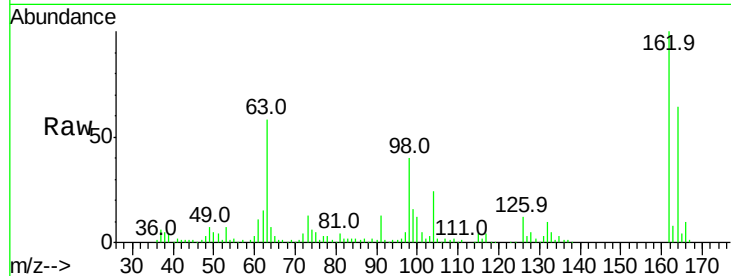
#29
2,4-Dichlorophenol
Concen: 37.40 ng
RT: 11.02 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	42.4	82.4
98	39.5	20.3	60.3

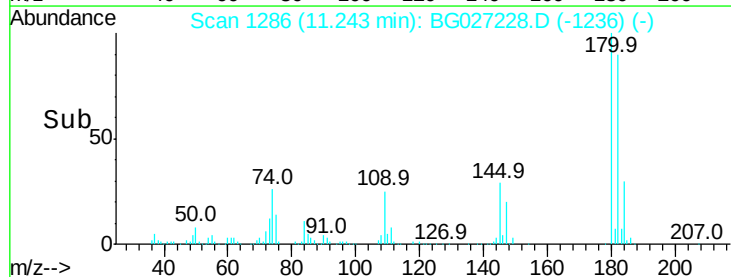
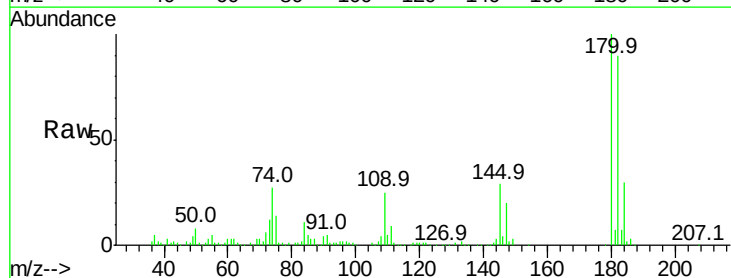
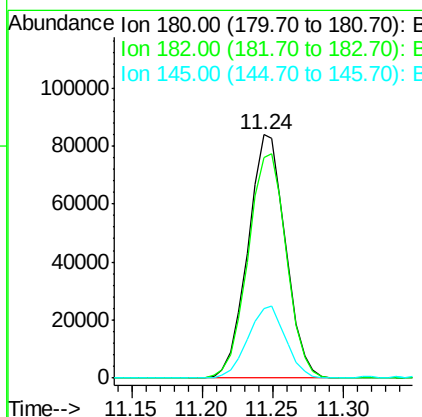
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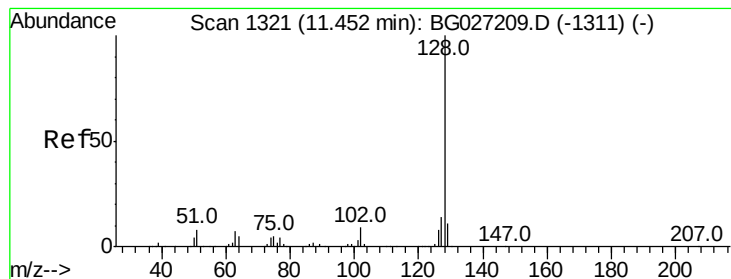
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 34.81 ng
RT: 11.24 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	90.4	77.0	115.4
145	28.8	23.4	35.0





#31

Naphthalene

Concen: 68.15 ng

RT: 11.44 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

S22-0025MS

Tot Ion:128 Resp: 1030229

Ion Ratio Lower Upper

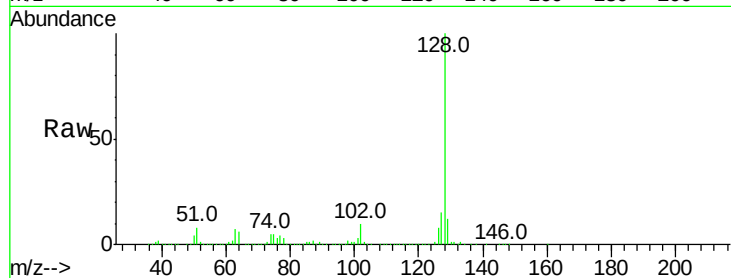
128 100

129 11.7 9.3 13.9

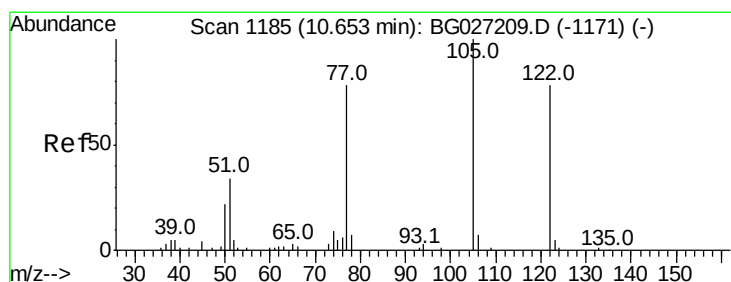
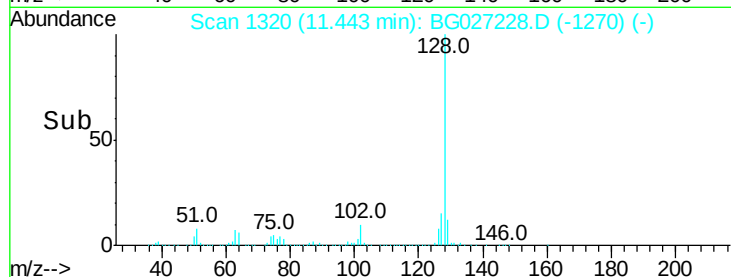
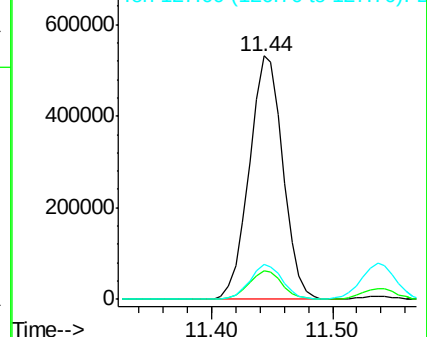
127 14.6 11.4 17.0

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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: 15.12 ng m

RT: 10.60 min Scan# 1176

Delta R.T. -0.06 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

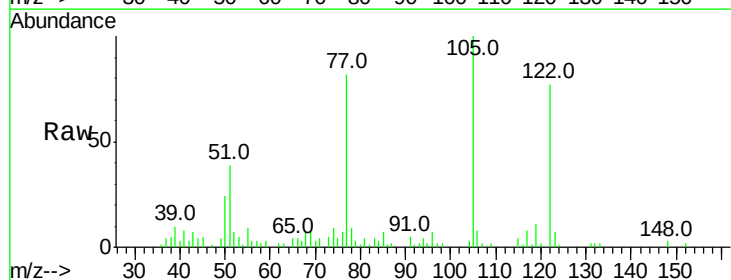
Tgt Ion:122 Resp: 26204

Ion Ratio Lower Upper

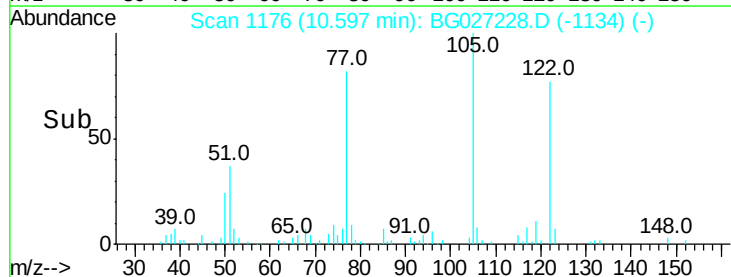
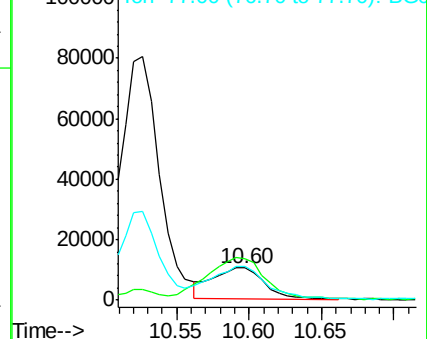
122 100

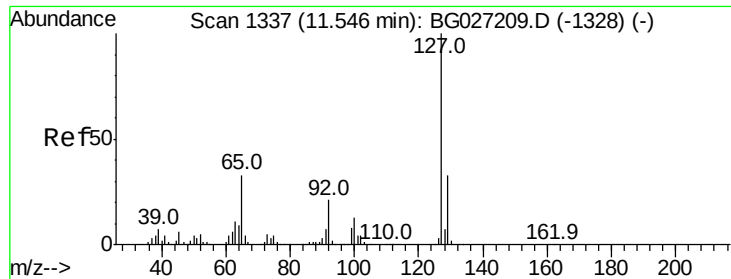
105 129.1 120.1 160.1

77 105.6 104.6 144.6



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





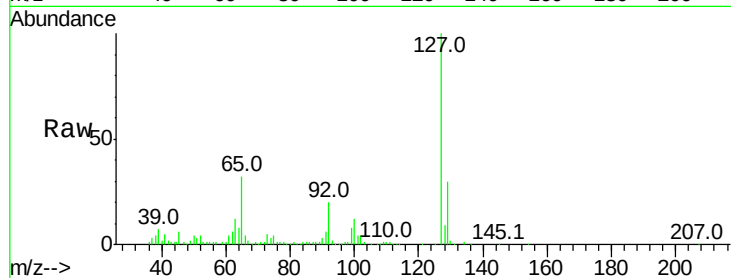
#33
4-Chloroaniline
Concen: 24.17 ng
RT: 11.54 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.4	23.6	35.4
65	31.8	37.7	56.5
92	20.2	17.6	26.4

Manual Integrations
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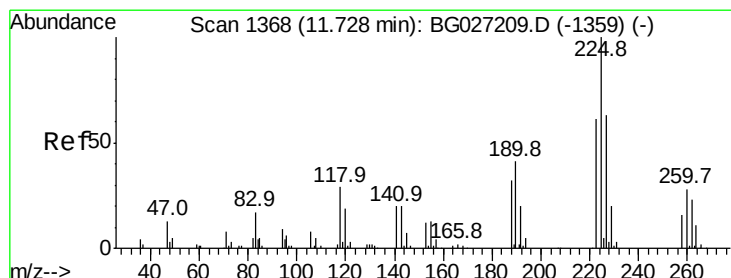
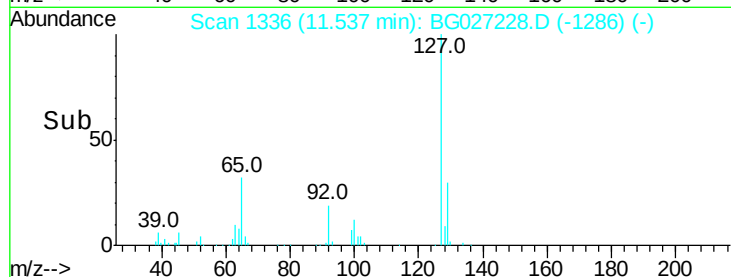
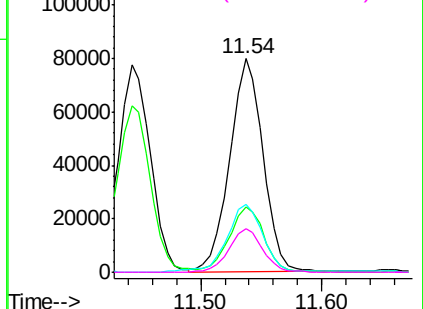
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 32.86 ng
RT: 11.72 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

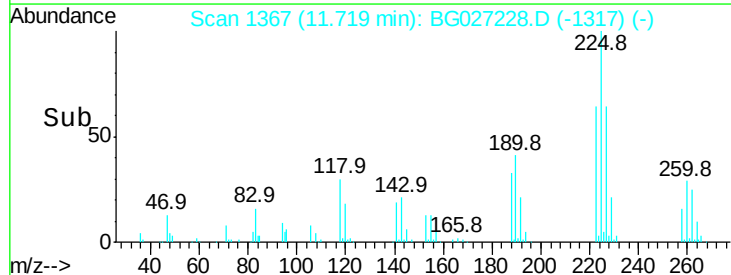
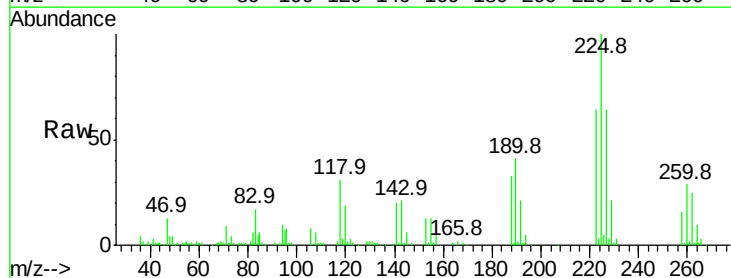
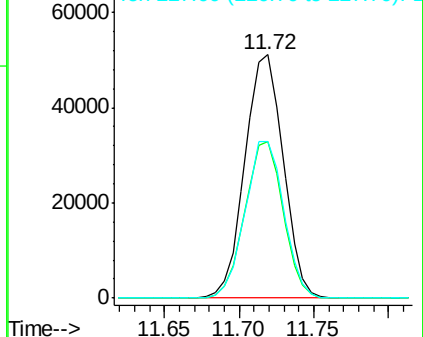
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.7	76.1
227	64.5	49.0	73.6

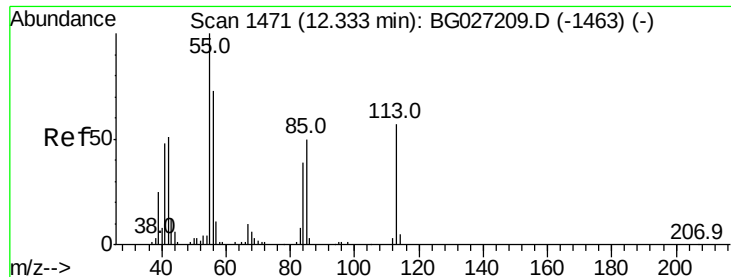
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 6.50 ng/mL

RT: 12.41 min Scan# 1485

Delta R.T. 0.08 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

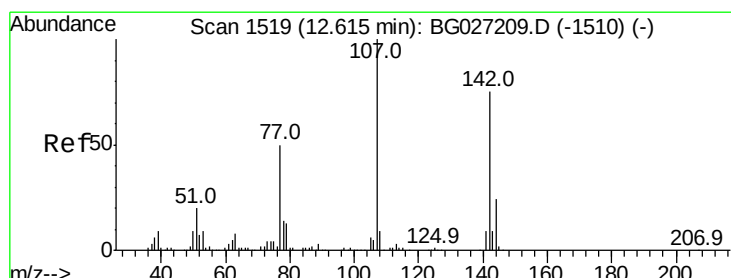
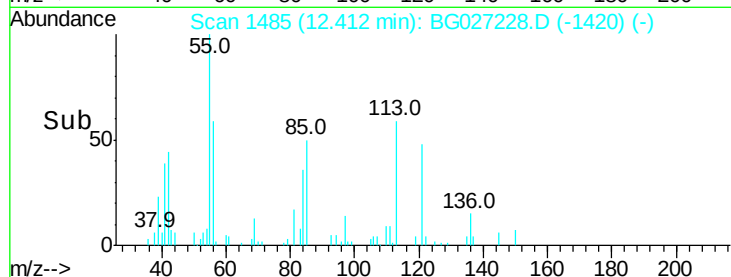
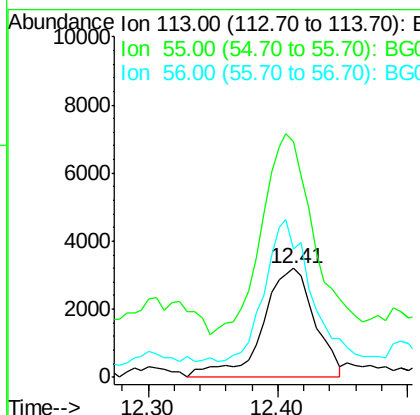
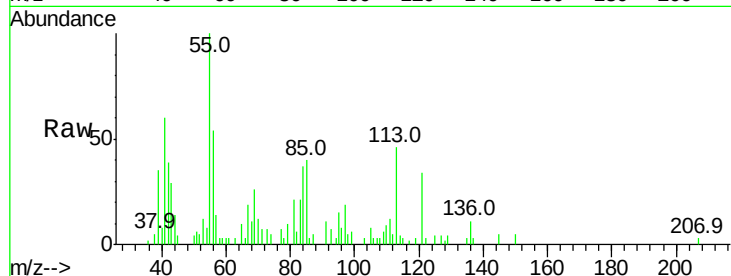
ClientSampleID :

S22-0025MS

Tot Ion:	113	Resp:	9051
Ion Ratio	Lower	Upper	
113	100		
55	216.6	198.6	238.6
56	117.8	140.4	180.4

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#36

4-Chloro-3-methylphenol

Concen: 33.36 ng/mL

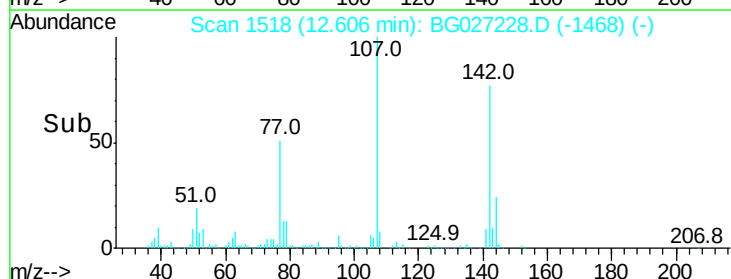
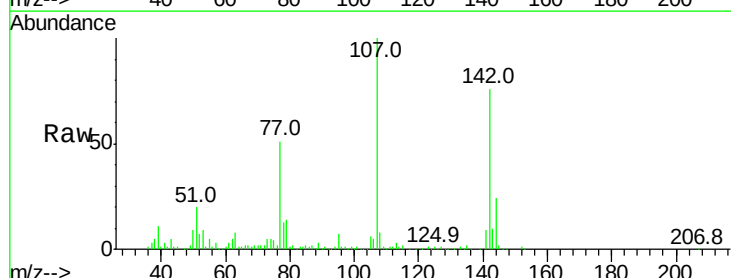
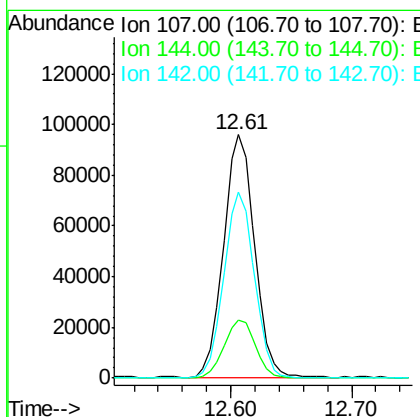
RT: 12.61 min Scan# 1518

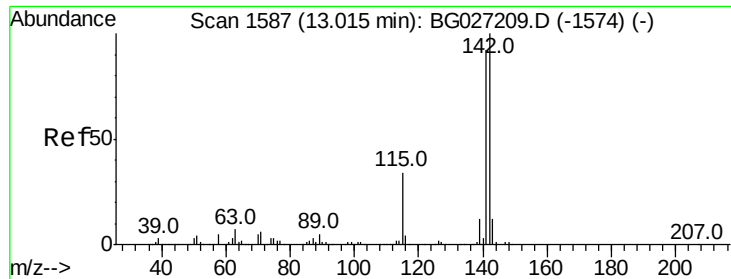
Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion:	107	Resp:	169699
Ion Ratio	Lower	Upper	
107	100		
144	24.0	17.4	26.0
142	76.5	54.1	81.1





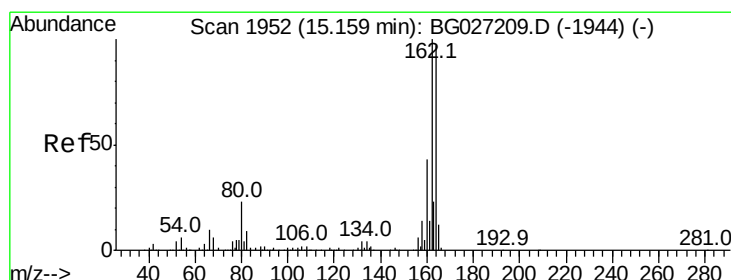
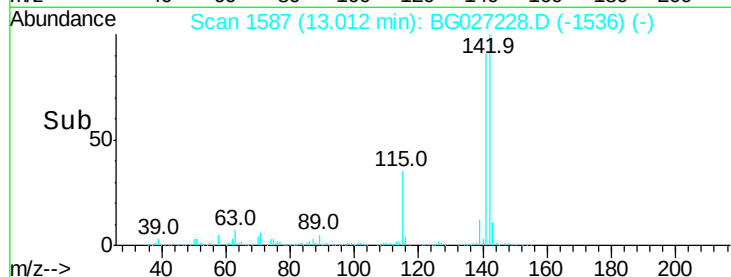
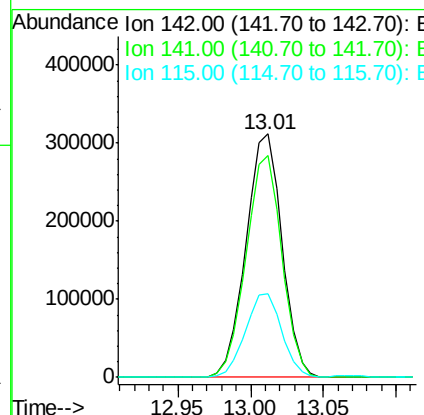
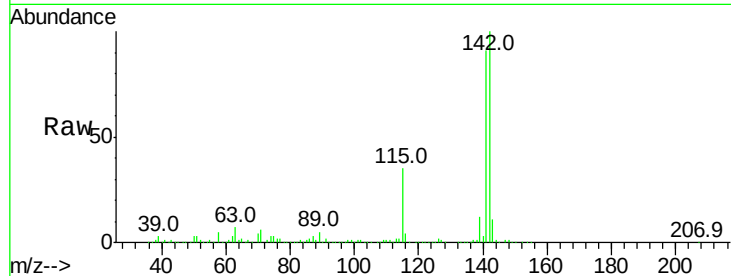
#37
2-Methylnaphthalene
Concen: 48.91 ng
RT: 13.01 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	539327		
141	91.1	70.4	105.6	
115	34.6	35.5	53.3	

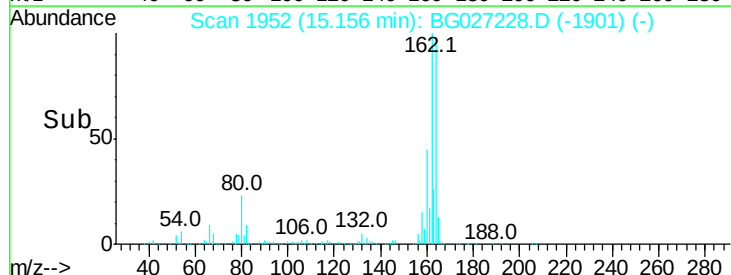
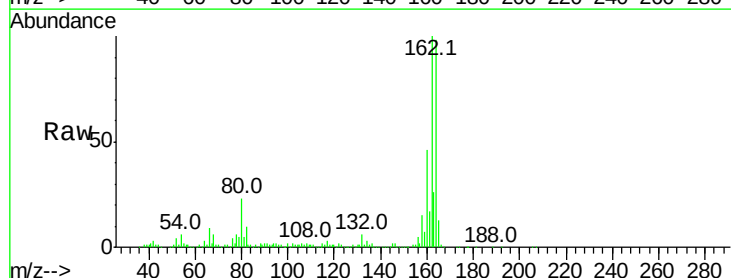
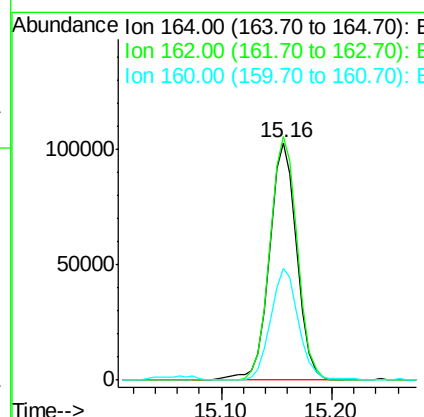
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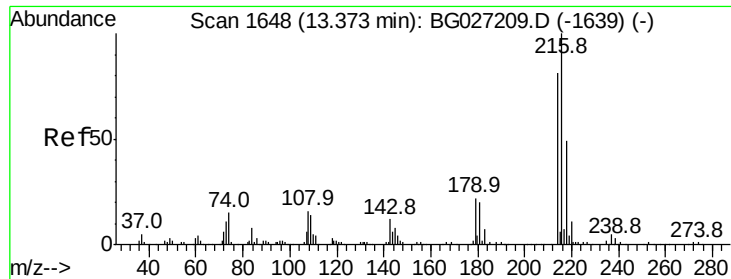
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.16 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	176202		
162	102.6	85.1	127.7	
160	47.1	34.7	52.1	





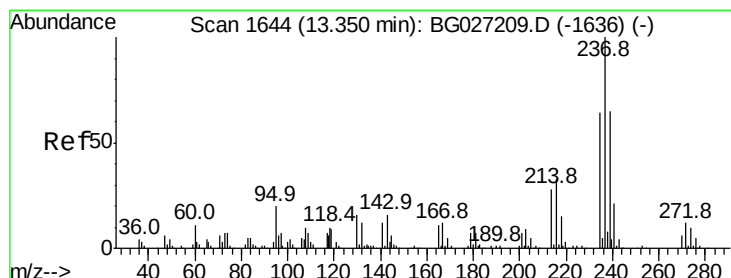
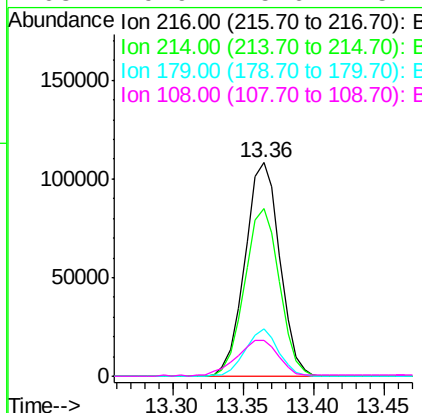
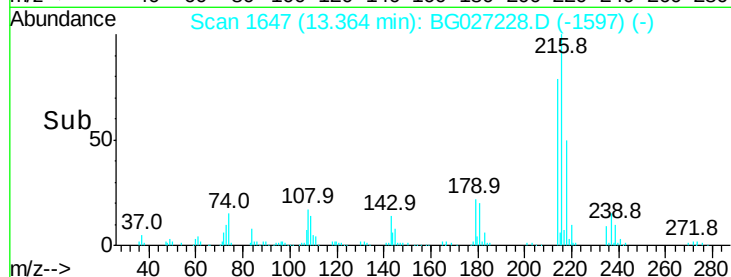
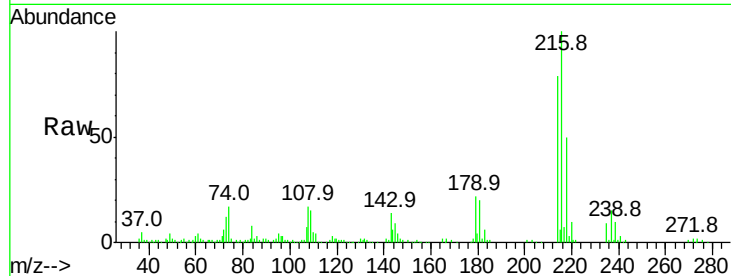
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.10 ng
 RT: 13.36 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.5	64.4	96.6
179	21.1	17.4	26.0
108	19.9	15.6	23.4

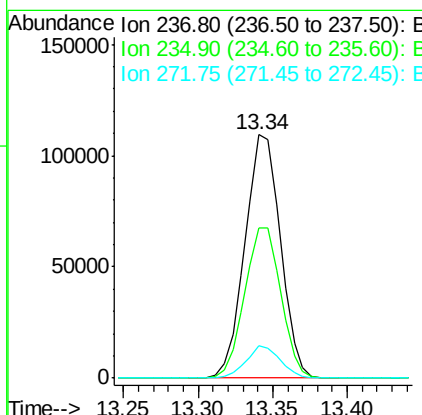
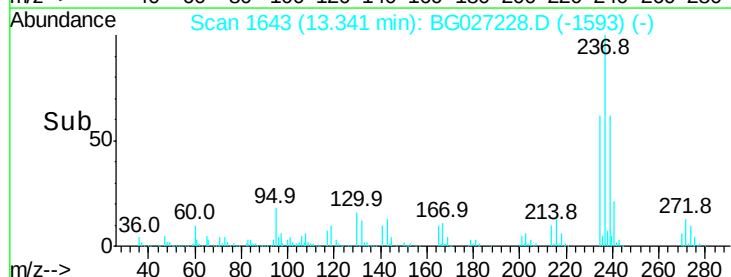
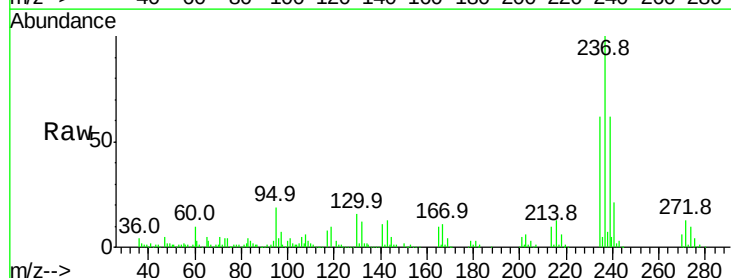
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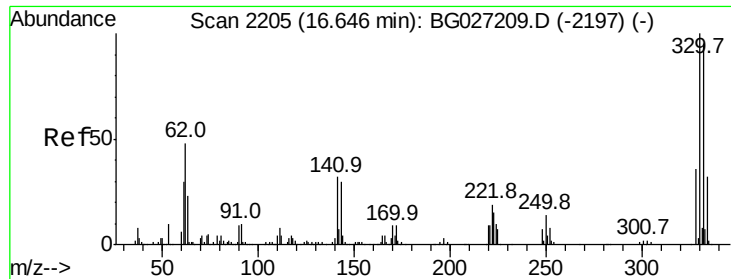
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#40
 Hexachlorocyclopentadiene
 Concen: 61.65 ng
 RT: 13.34 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.5	39.4	79.4
272	13.3	0.0	32.0





#41

2,4,6-Tribromophenol

Concen: 116.05 ng

RT: 16.64 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

S22-0025MS

Tot Ion:330 Resp: 269278

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

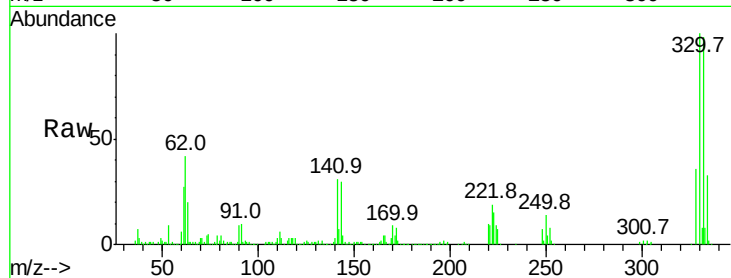
141 32.5 32.1 48.1

Manual Integrations

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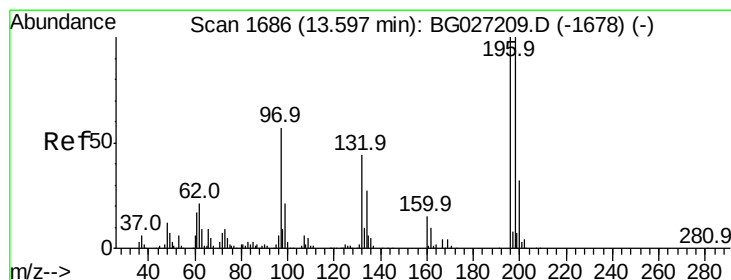
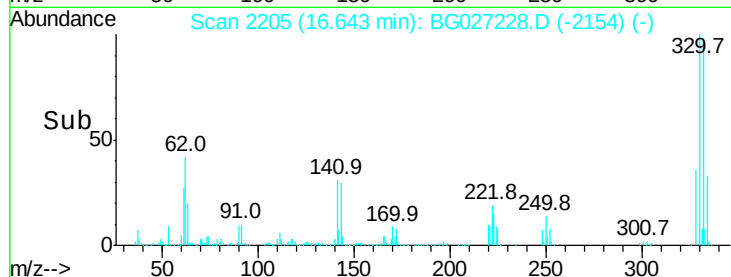
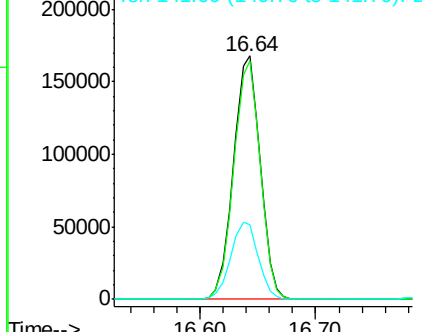
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.45 ng

RT: 13.59 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

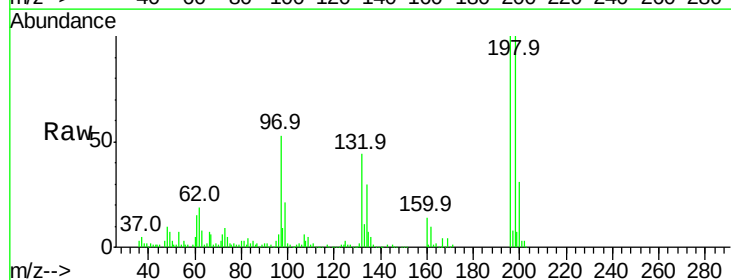
Tgt Ion:196 Resp: 134688

Ion Ratio Lower Upper

196 100

198 100.2 81.4 122.2

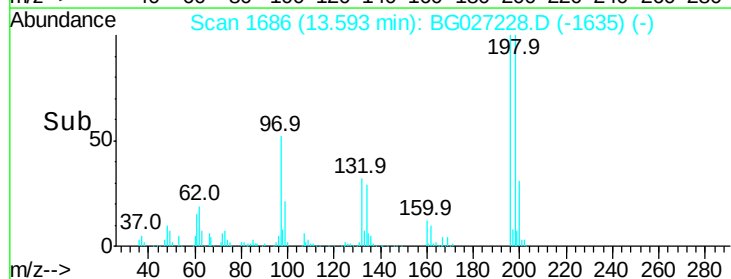
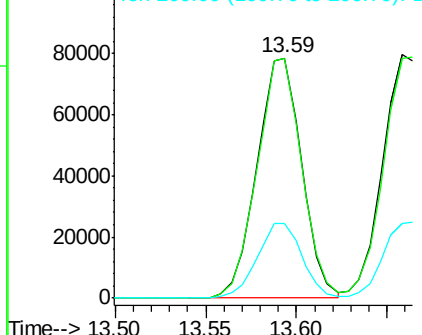
200 31.2 27.0 40.6

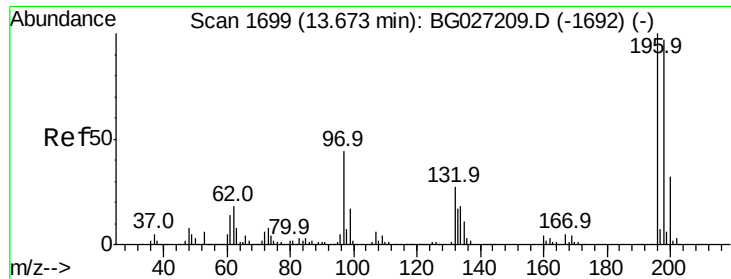


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





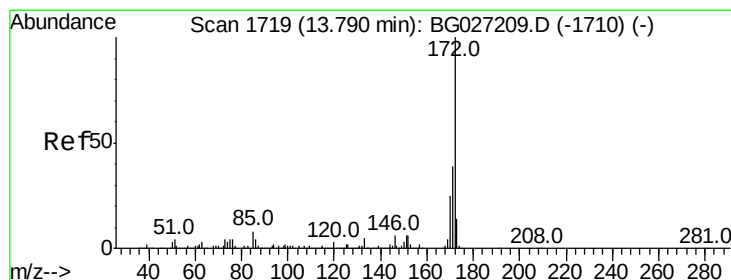
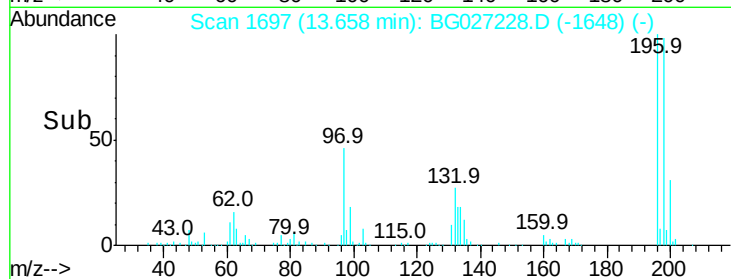
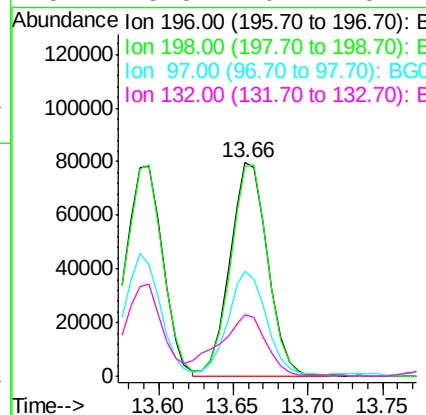
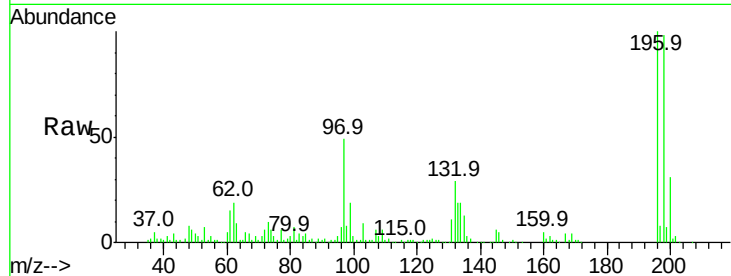
#43
 2,4,5-Trichlorophenol
 Concen: 37.63 ng
 RT: 13.66 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MS

Tot Ion	196	Resp	140198
Ion Ratio	Lower	Upper	
196	100		
198	98.3	79.9	119.9
97	49.0	45.4	68.0
132	28.8	20.7	31.1

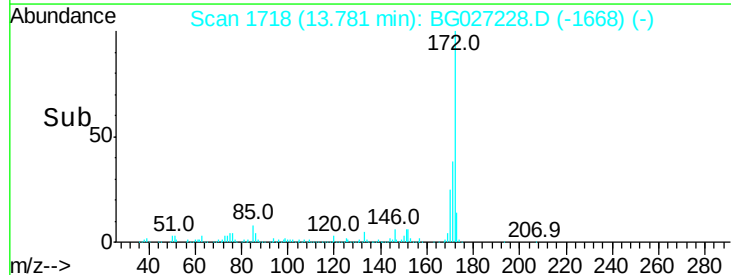
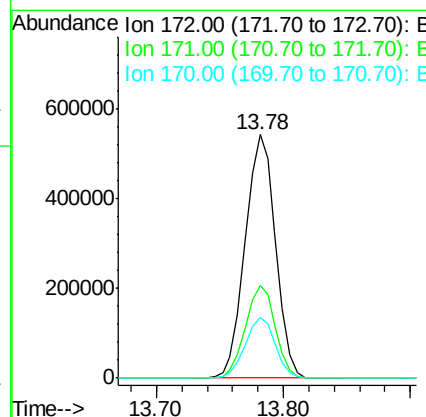
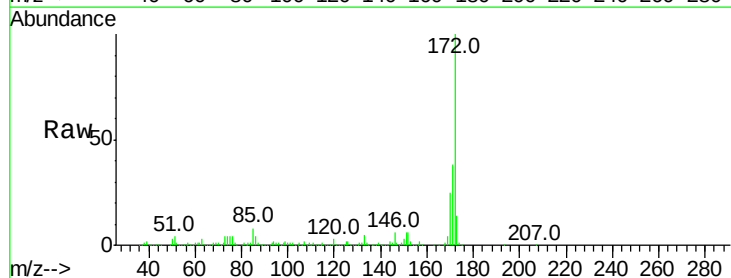
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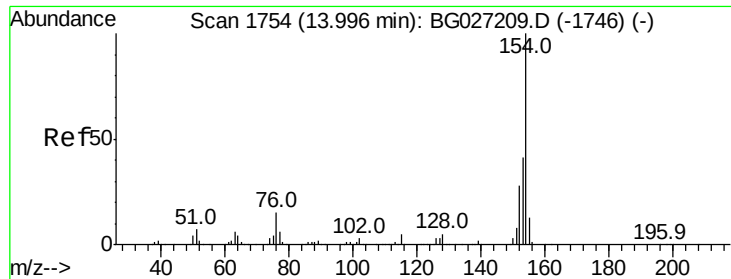
mohammad
 6/6/2017 5:14:26 PM



#44
 2-Fluorobiphenyl
 Concen: 71.36 ng
 RT: 13.78 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion	172	Resp	898842
Ion Ratio	Lower	Upper	
172	100		
171	38.2	32.2	48.2
170	25.1	21.8	32.6





#45

1,1'-Biphenyl

Concen: 36.06 ng

RT: 13.99 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

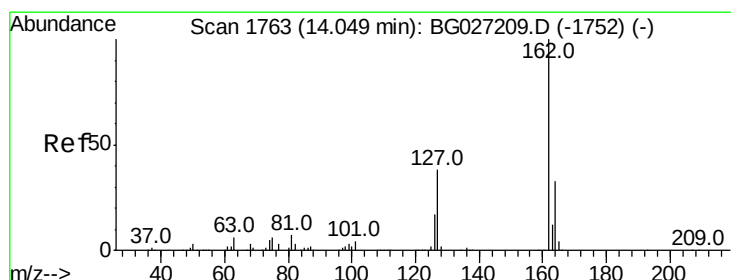
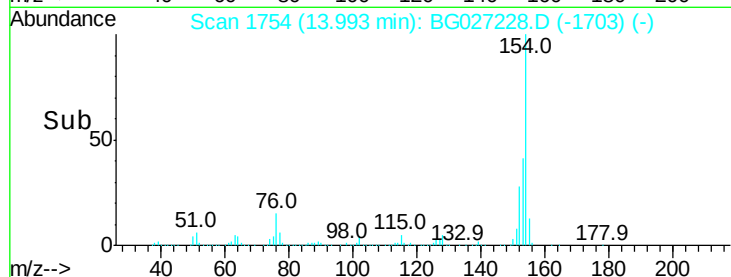
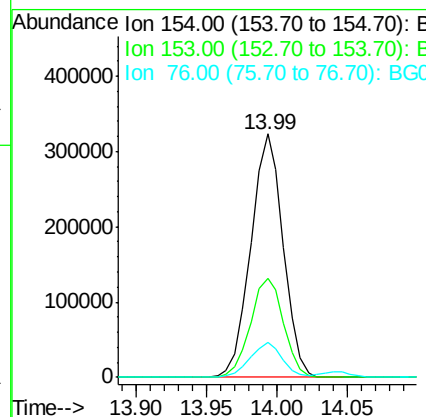
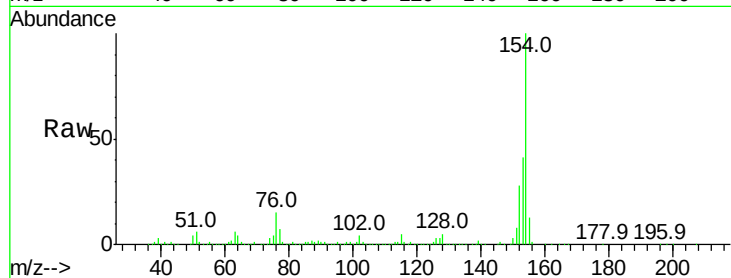
ClientSampleId :

S22-0025MS

Tot Ion:	154	Resp:	518690
Ion Ratio	Lower	Upper	
154	100		
153	40.8	23.0	63.0
76	14.5	0.0	33.5

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#46

2-Chloronaphthalene

Concen: 35.44 ng

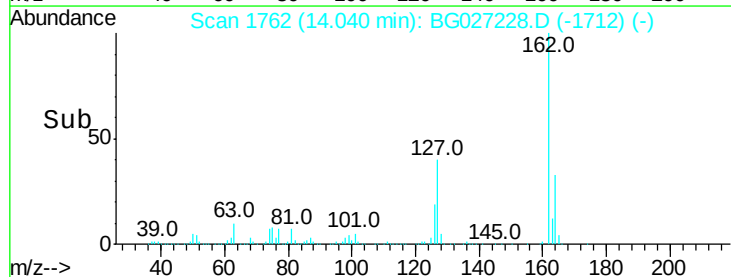
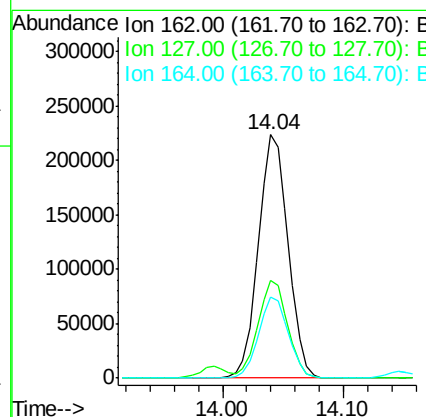
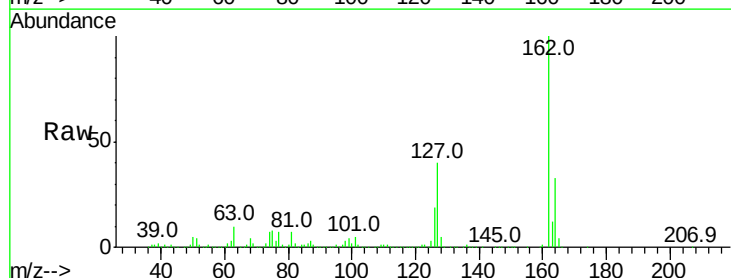
RT: 14.04 min Scan# 1762

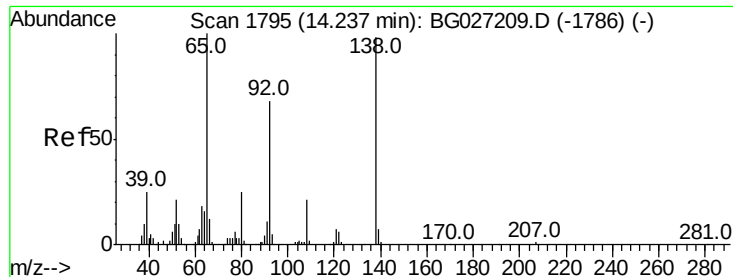
Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion:	162	Resp:	382129
Ion Ratio	Lower	Upper	
162	100		
127	40.4	32.2	48.4
164	33.5	27.3	40.9





#47

2-Nitroaniline

Concen: 40.18 ng

RT: 14.23 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

S22-0025MS

Tot Ion: 65 Resp: 119246

Ion Ratio Lower Upper

65 100

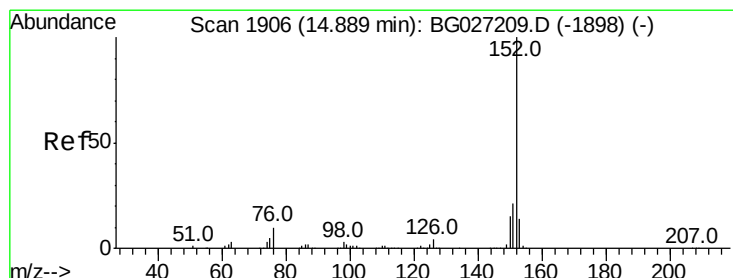
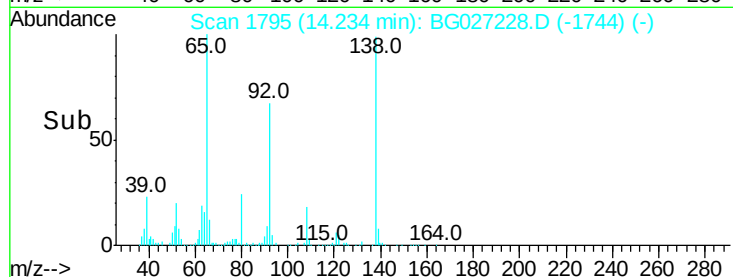
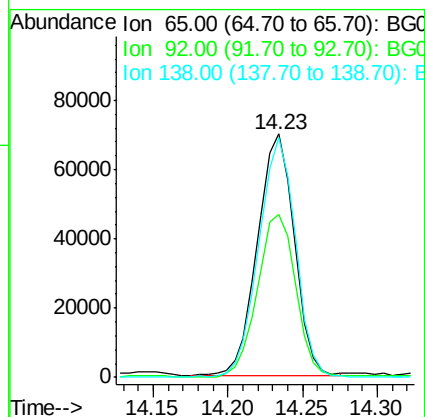
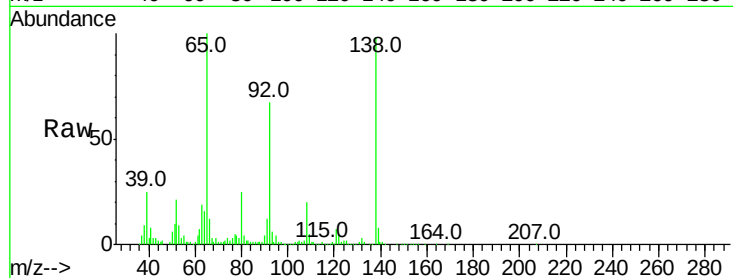
92 66.8 49.0 73.4

138 98.2 58.6 87.8#

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#48

Acenaphthylene

Concen: 33.24 ng

RT: 14.88 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

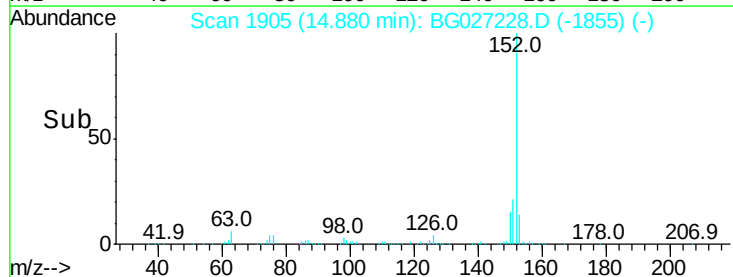
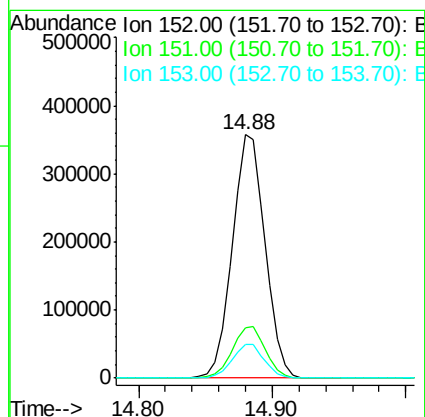
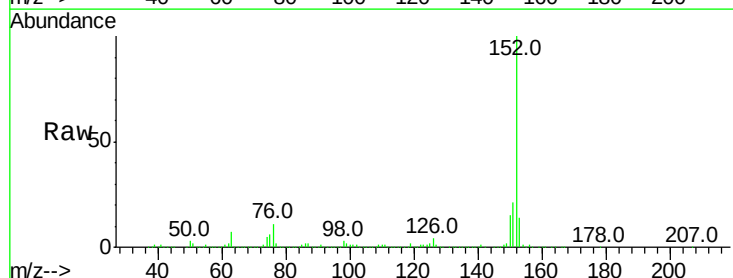
Tgt Ion: 152 Resp: 606660

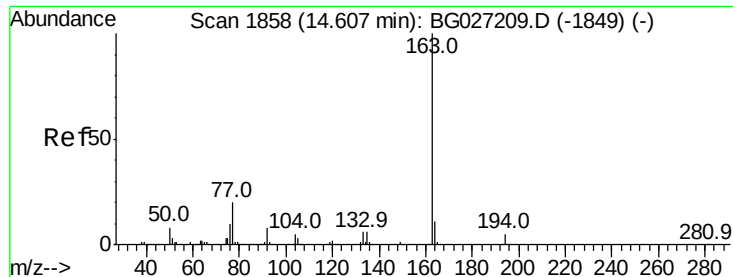
Ion Ratio Lower Upper

152 100

151 20.7 18.2 27.2

153 13.9 11.3 16.9





#49

Dimethylphthalate

Concen: 41.97 ng

RT: 14.60 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

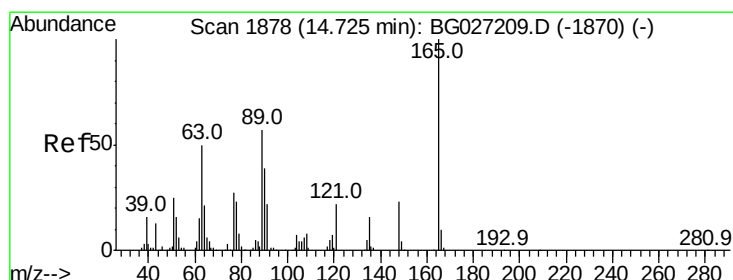
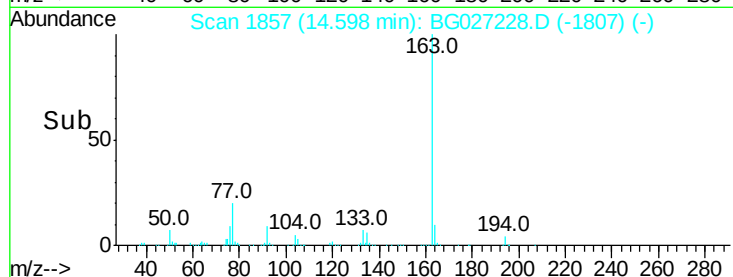
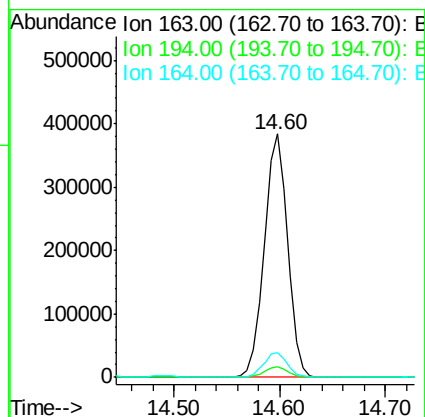
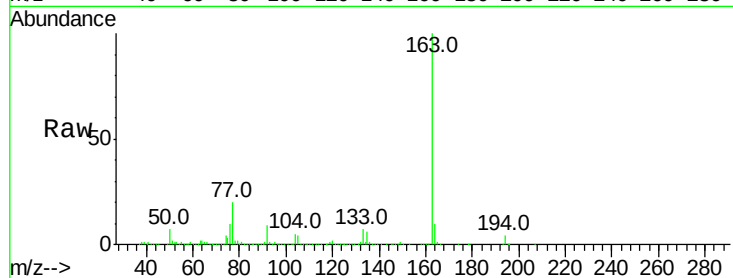
ClientSampleId :

S22-0025MS

Tot Ion:	163	Resp:	586670
Ion Ratio		Lower	Upper
163	100		
194	4.5	3.8	5.6
164	10.3	9.3	13.9

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#50

2,6-Dinitrotoluene

Concen: 38.39 ng

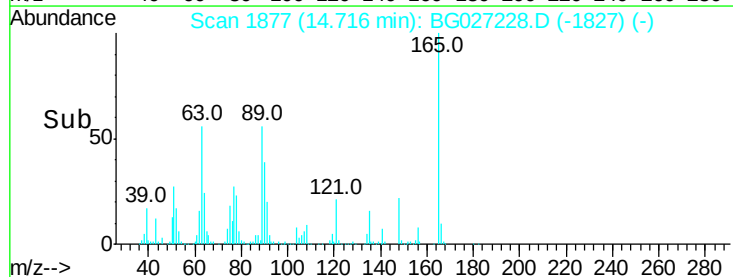
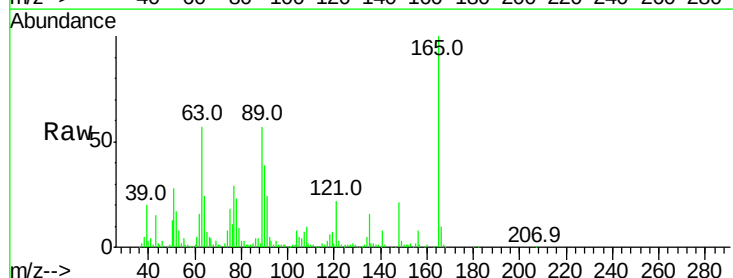
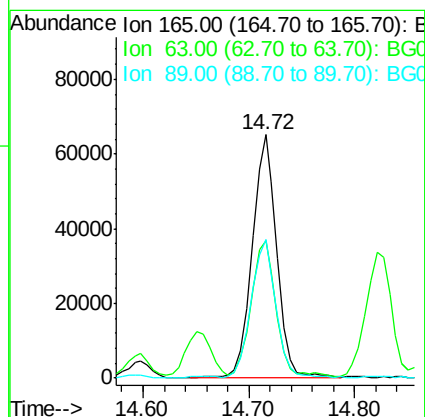
RT: 14.72 min Scan# 1877

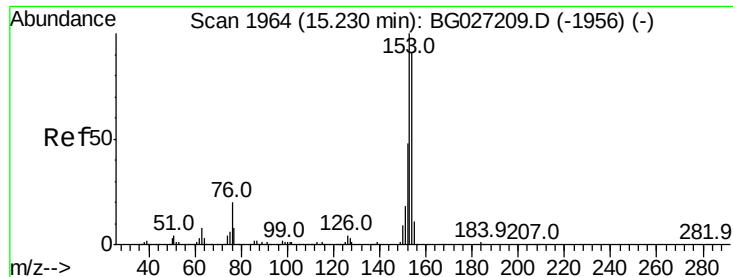
Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion:	165	Resp:	105406
Ion Ratio		Lower	Upper
165	100		
63	56.7	63.9	95.9#
89	56.8	58.6	88.0#





#51

Acenaphthene

Concen: 38.10 ng

RT: 15.22 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

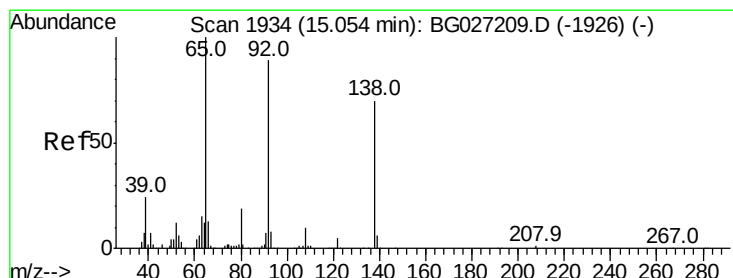
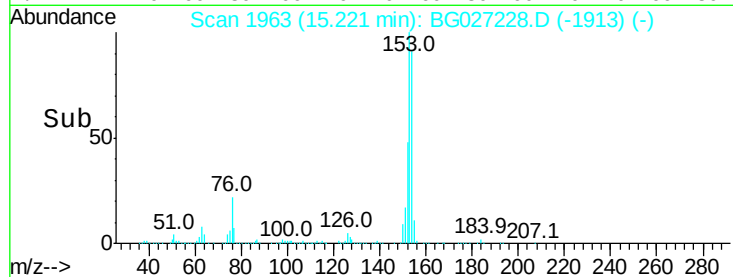
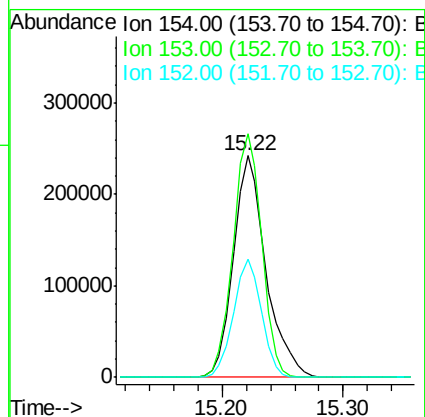
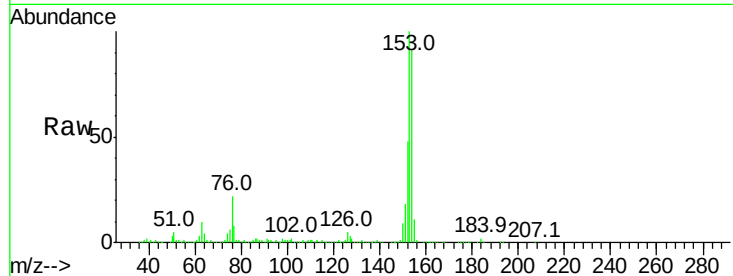
ClientSampleId :

S22-0025MS

Tot Ion:	154	Resp:	452252
Ion Ratio	Lower	Upper	
154	100		
153	109.9	87.8	131.6
152	53.1	42.2	63.4

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#52

3-Nitroaniline

Concen: 27.46 ng

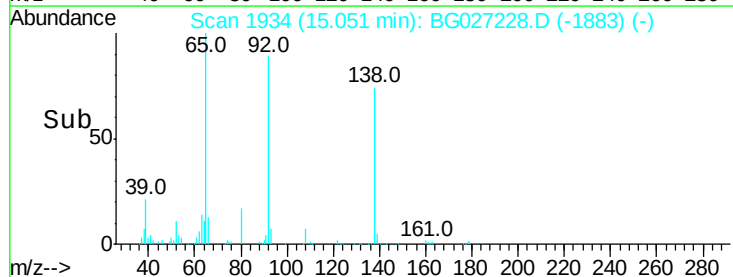
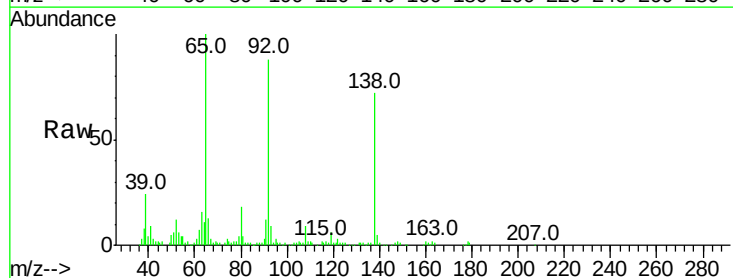
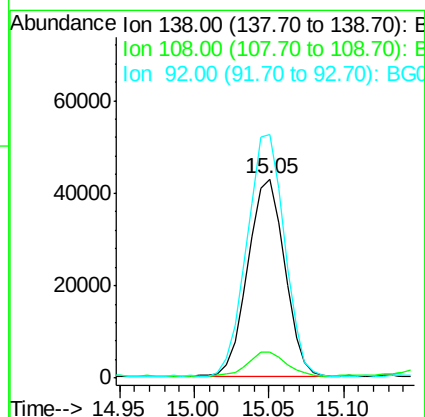
RT: 15.05 min Scan# 1934

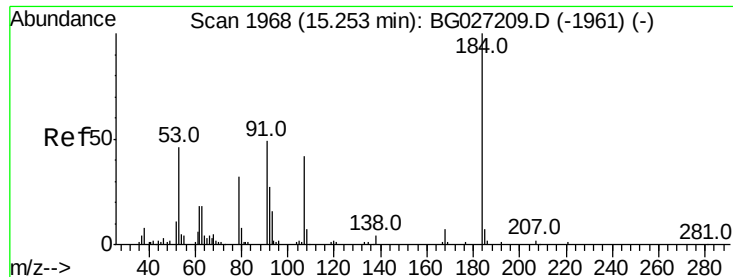
Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion:	138	Resp:	73542
Ion Ratio	Lower	Upper	
138	100		
108	12.9	10.9	16.3
92	122.3	115.3	172.9





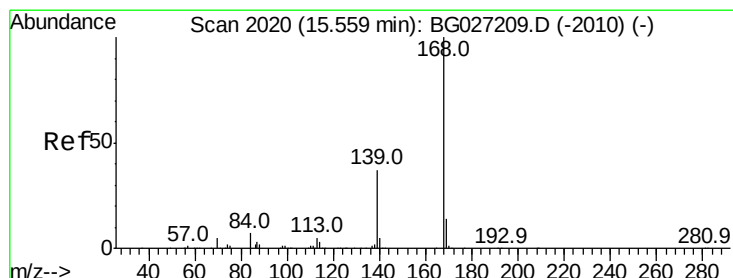
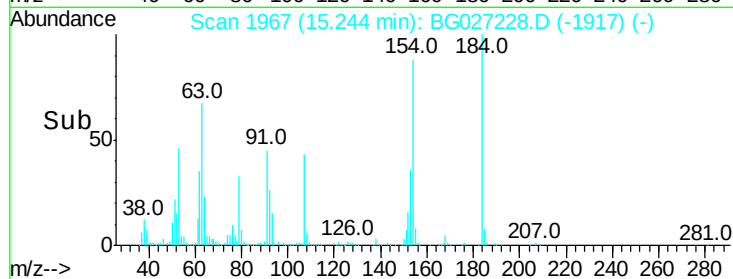
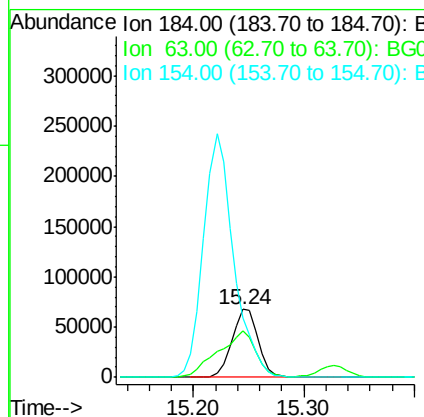
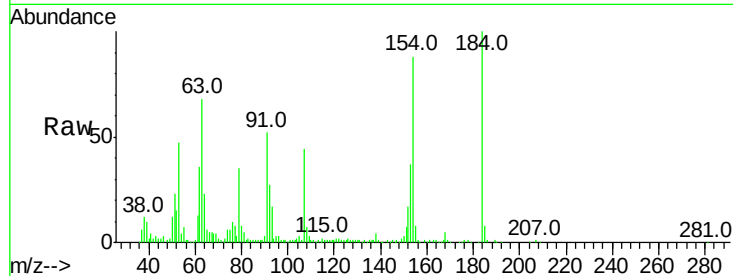
#53
2,4-Dinitrophenol
Concen: 81.07 ng
RT: 15.24 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.2	52.7	79.1	
154	88.2	57.3	85.9	

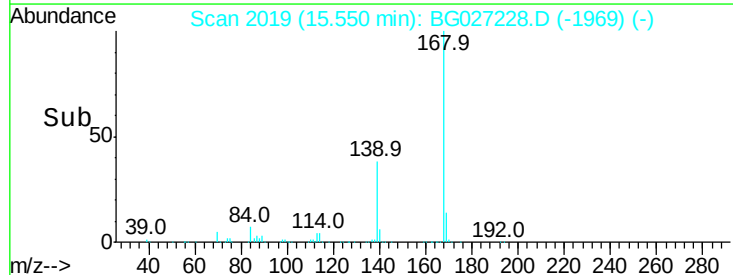
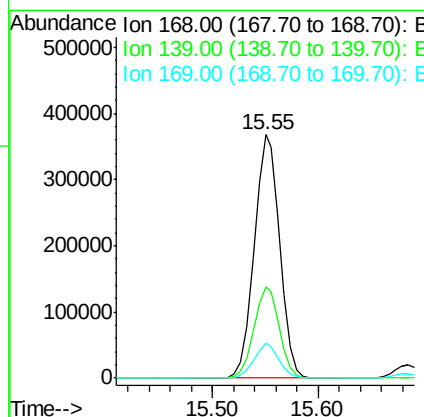
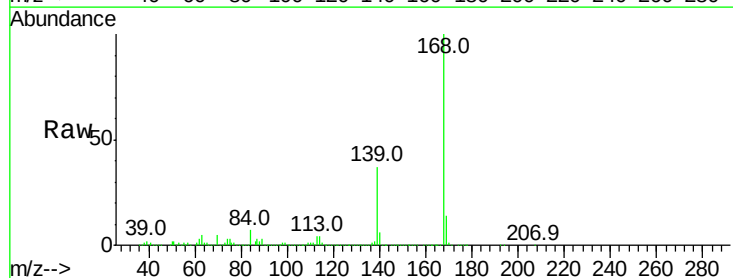
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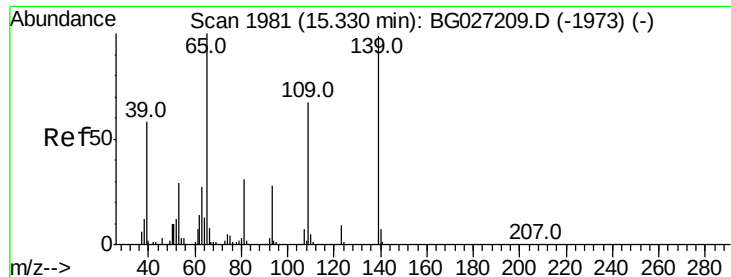
mohammad
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#54
Dibenzofuran
Concen: 37.05 ng
RT: 15.55 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.4	35.3	52.9	
169	14.2	11.5	17.3	





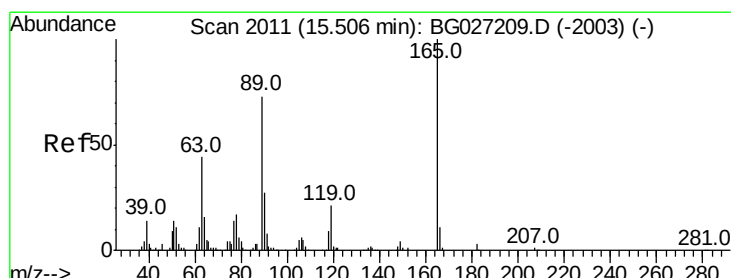
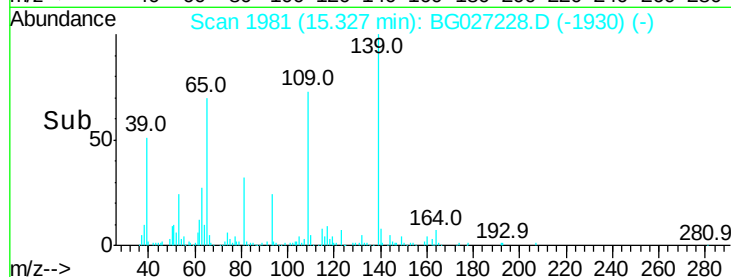
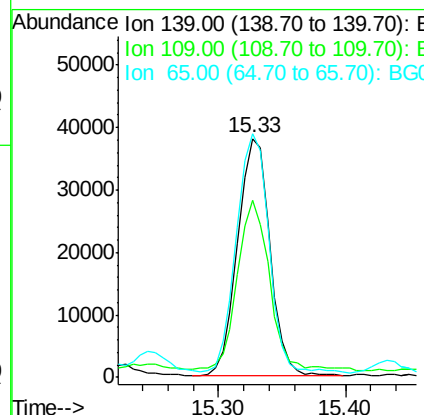
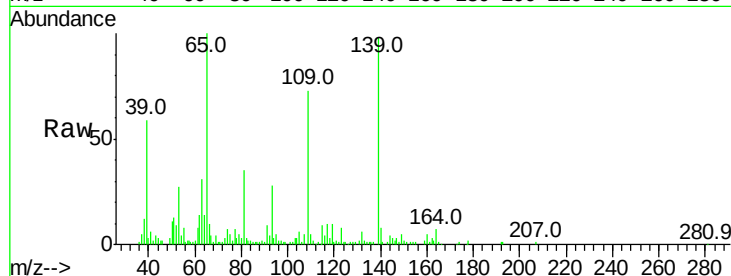
#55
4-Nitrophenol
Concen: 29.38 ng
RT: 15.33 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	74.5	101.2	141.2#
65	102.1	135.3	175.3#

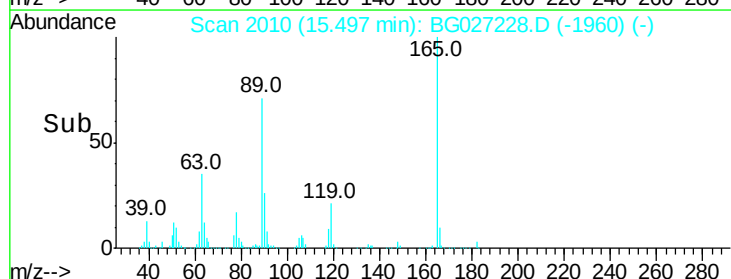
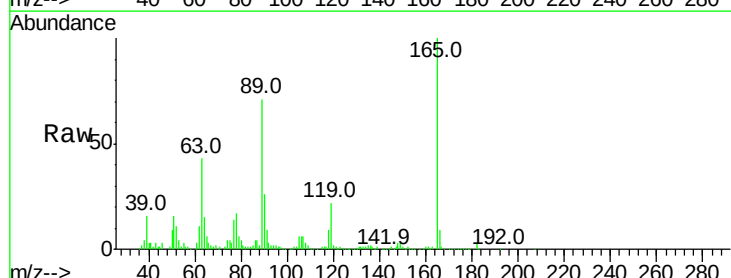
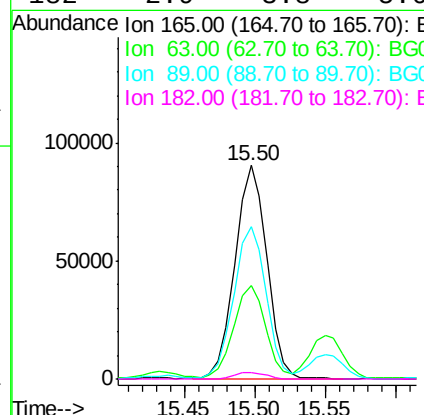
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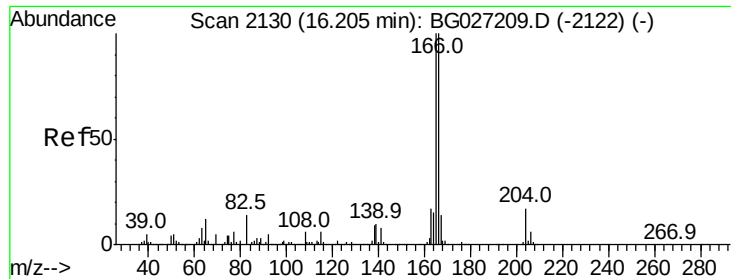
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#56
2,4-Dinitrotoluene
Concen: 40.26 ng
RT: 15.50 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.5	44.0	66.0#
89	71.3	67.3	100.9
182	2.9	3.8	5.6#





#57

Fluorene

Concen: 33.72 ng

RT: 16.20 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

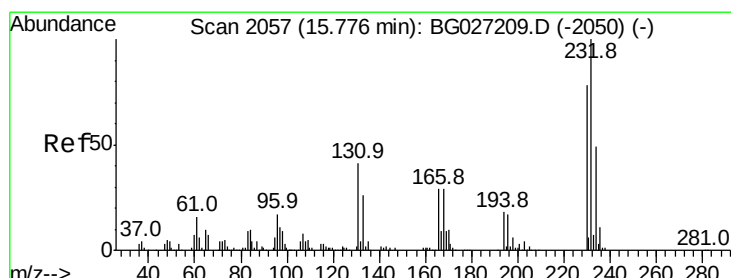
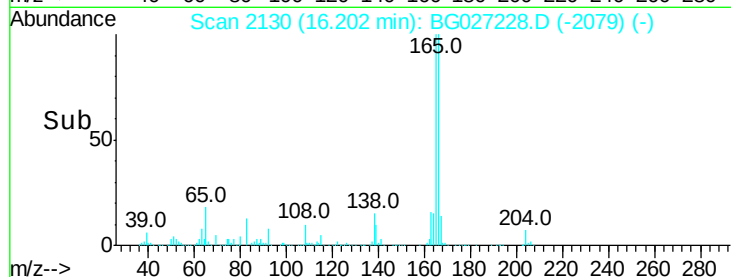
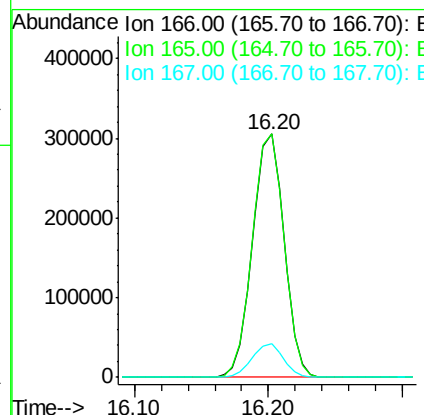
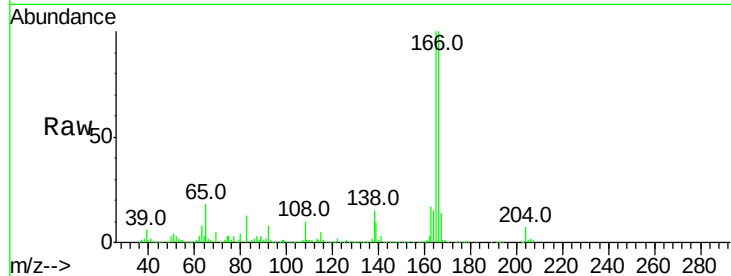
ClientSampleId :

S22-0025MS

Tot Ion:	166	Resp:	496852
Ion Ratio	Lower	Upper	
166	100		
165	99.9	78.6	117.8
167	13.7	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.19 ng m

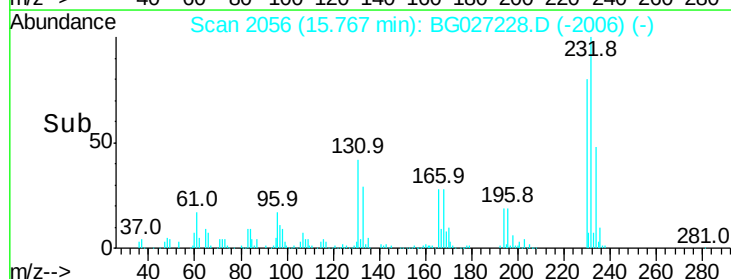
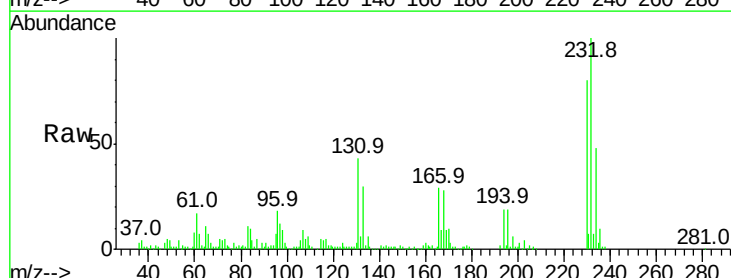
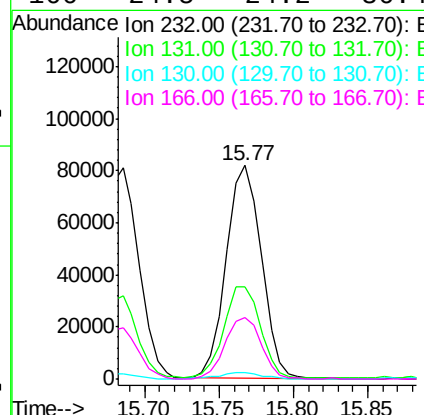
RT: 15.77 min Scan# 2056

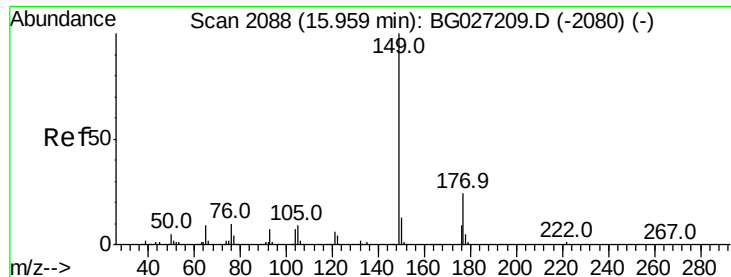
Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion:	232	Resp:	133653
Ion Ratio	Lower	Upper	
232	100		
131	38.8	34.9	52.3
130	2.8	2.3	3.5
166	24.5	24.2	36.4





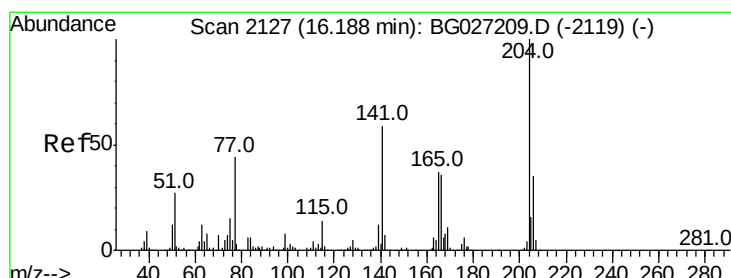
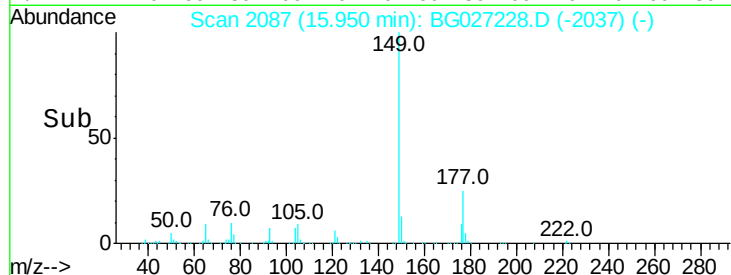
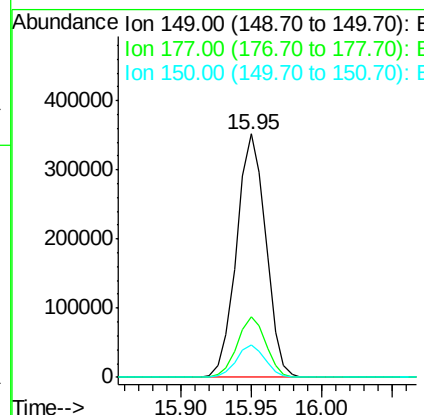
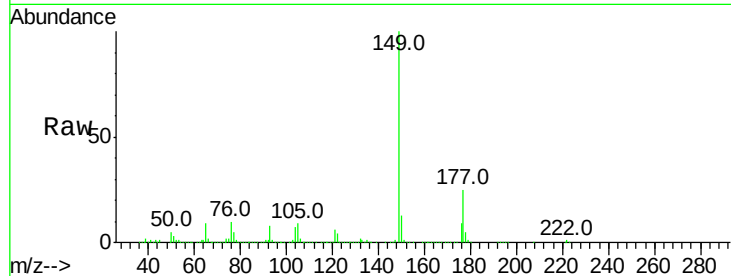
#59
Diethylphthalate
Concen: 36.30 ng
RT: 15.95 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	24.6	20.1	30.1
150	13.1	10.2	15.2

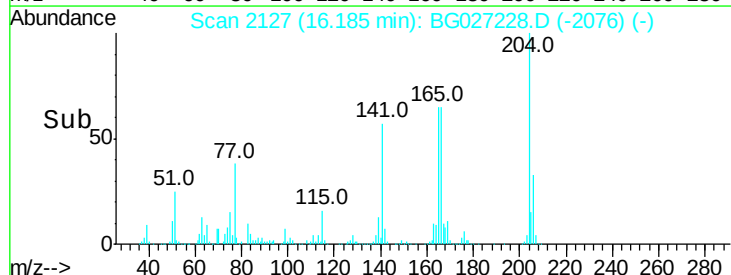
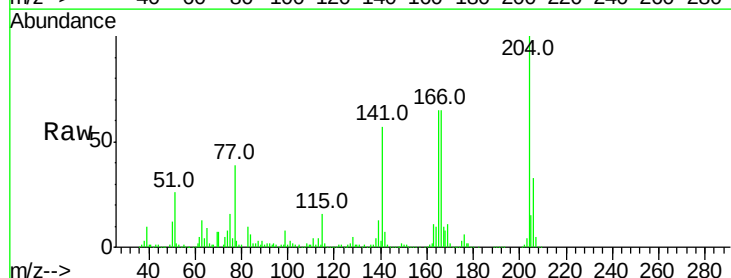
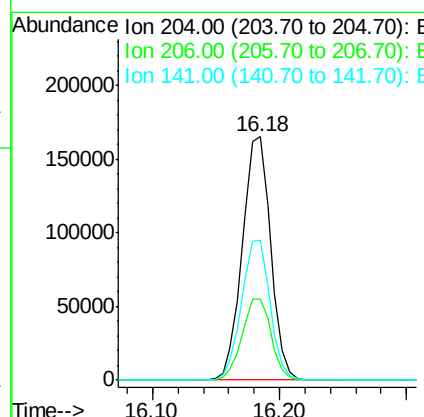
Manual Integrations
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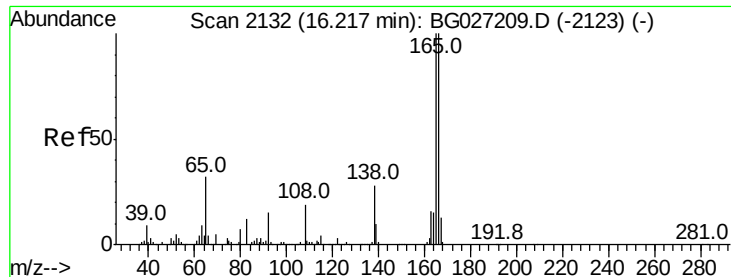
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#60
4-Chlorophenyl-phenylether
Concen: 34.35 ng
RT: 16.18 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	33.5	30.1	45.1
141	57.5	50.6	76.0





#61

4-Nitroaniline

Concen: 36.13 ng

RT: 16.21 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

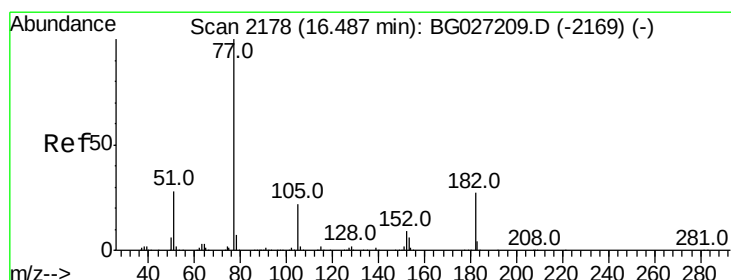
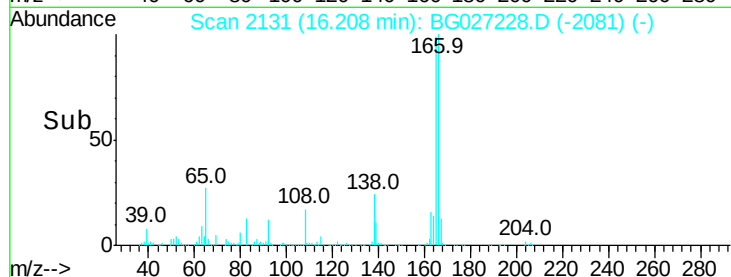
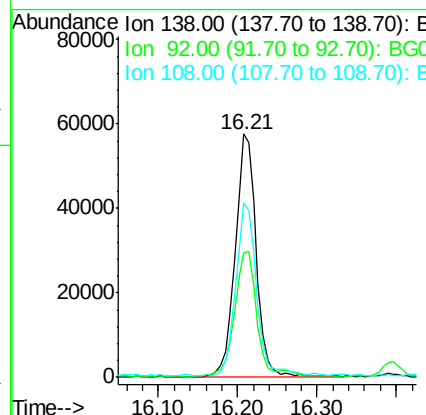
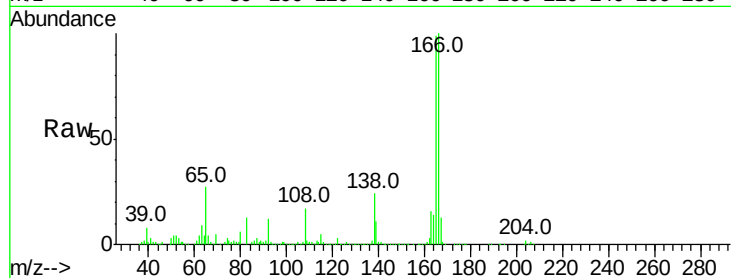
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	51.1	44.2	84.2	
108	71.5	104.8	144.8	

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#62

Azobenzene

Concen: 38.61 ng

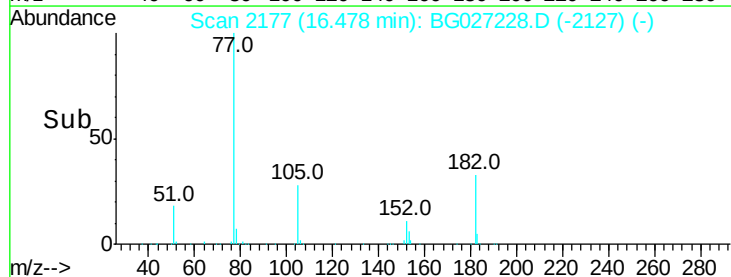
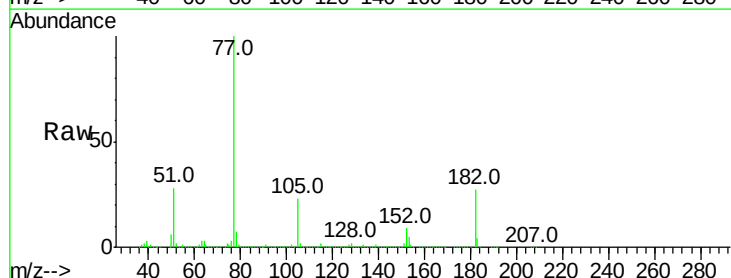
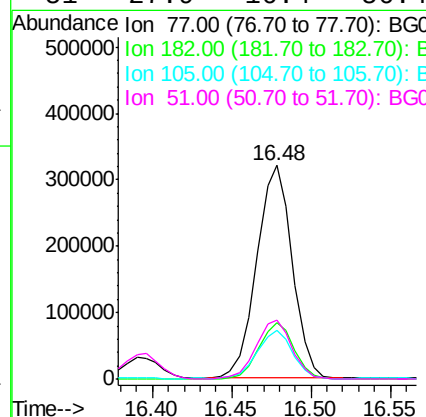
RT: 16.48 min Scan# 2177

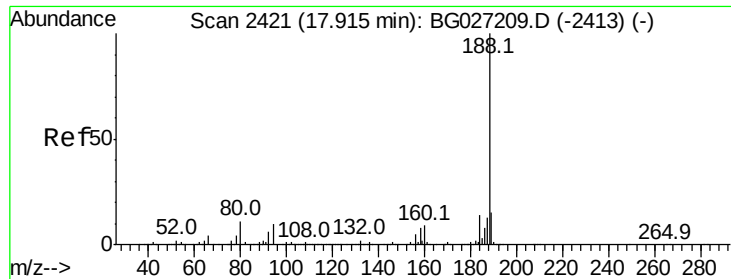
Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.6	4.7	44.7	
105	22.7	0.0	36.3	
51	27.9	16.4	56.4	





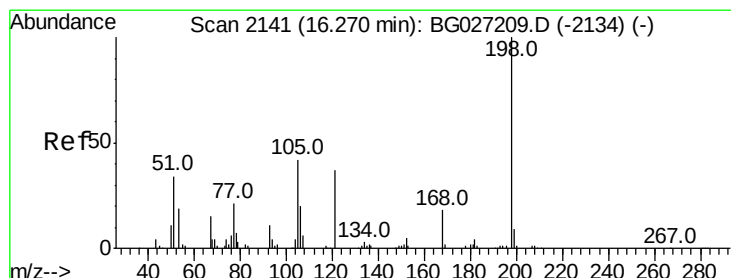
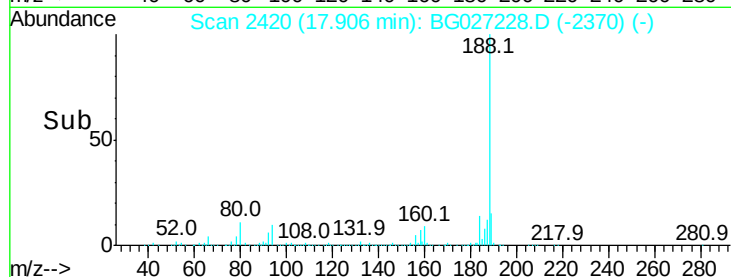
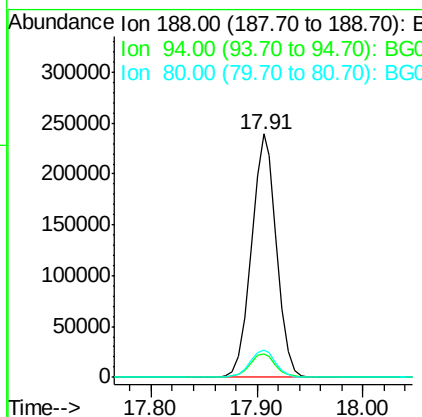
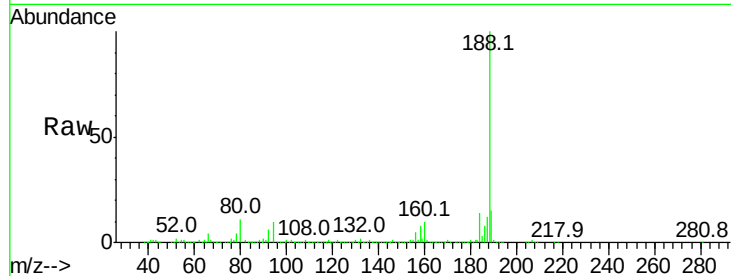
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.91 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	5.8	8.8#
80	11.1	7.5	11.3

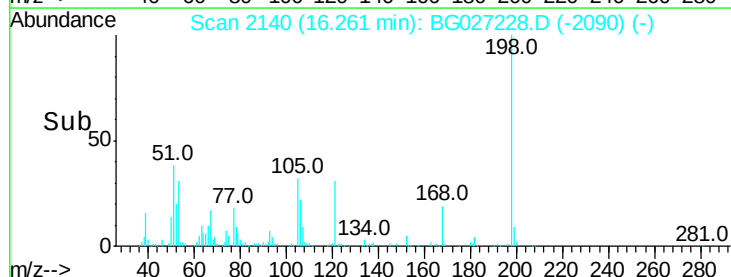
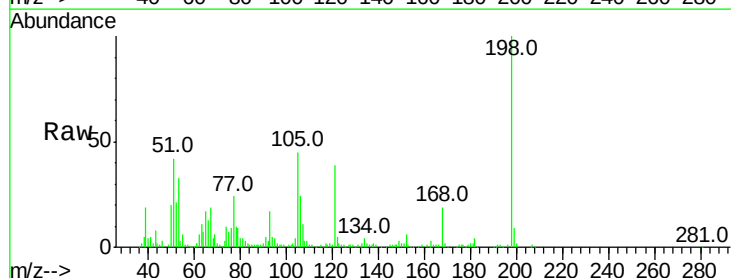
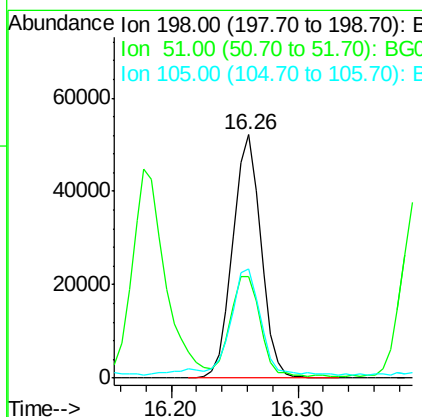
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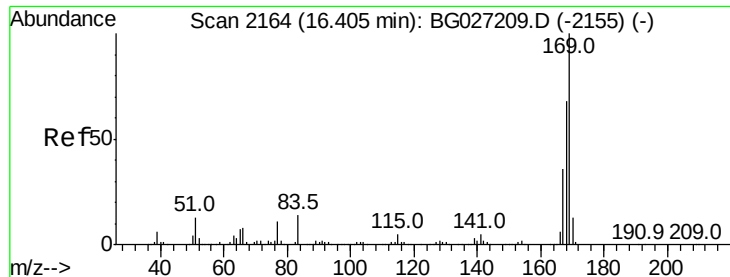
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.54 ng
RT: 16.26 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	41.9	22.6	62.6
105	45.1	14.4	54.4





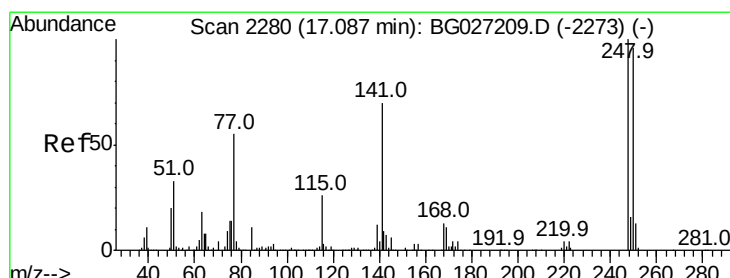
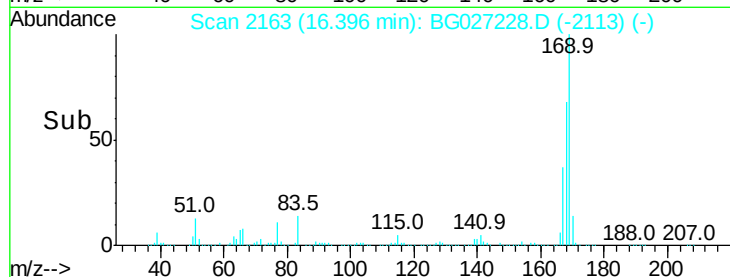
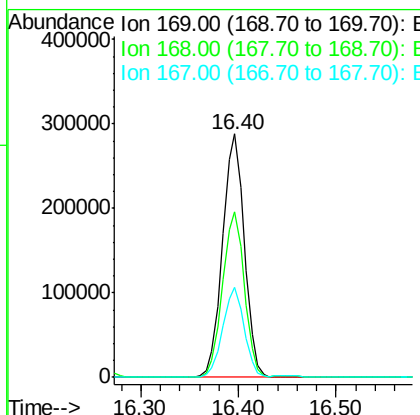
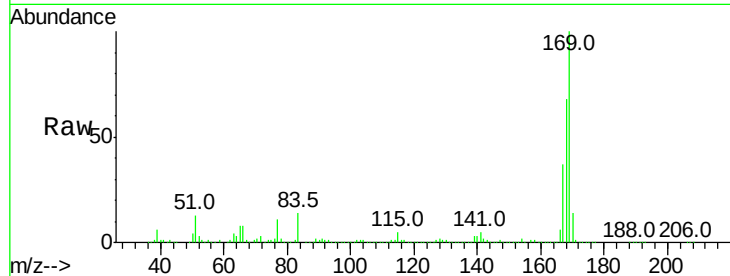
#65
n-Nitrosodiphenylamine
Concen: 36.31 ng
RT: 16.40 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	446164		
168	68.0		55.7	83.5
167	36.9		29.8	44.6

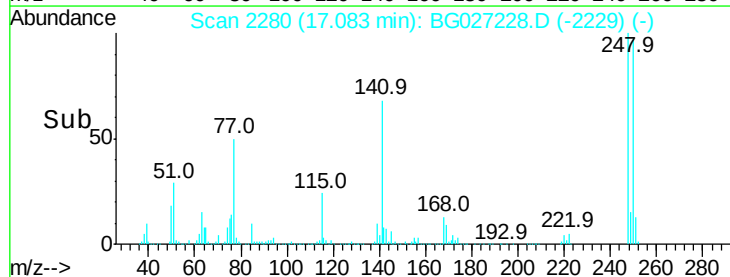
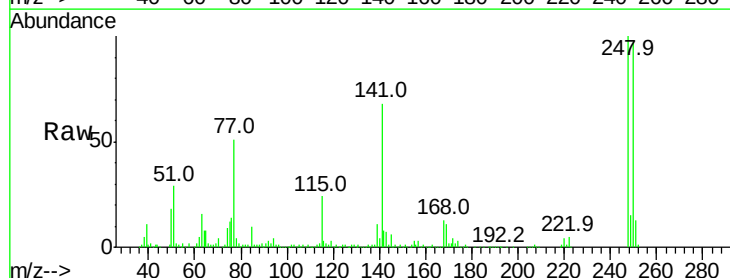
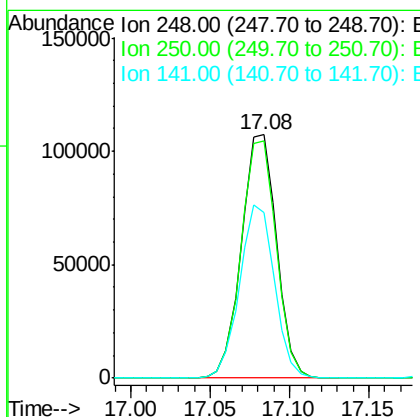
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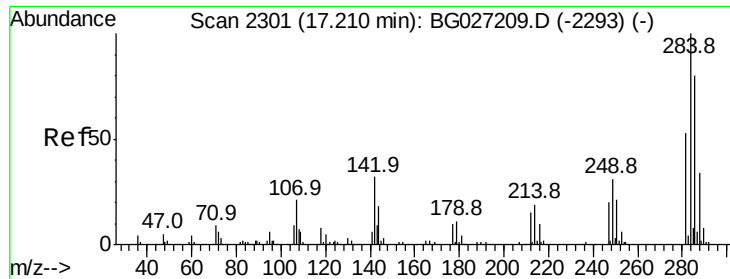
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#66
4-Bromophenyl-phenylether
Concen: 35.63 ng
RT: 17.08 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	165304		
250	97.4		75.0	112.6
141	68.2		55.2	82.8





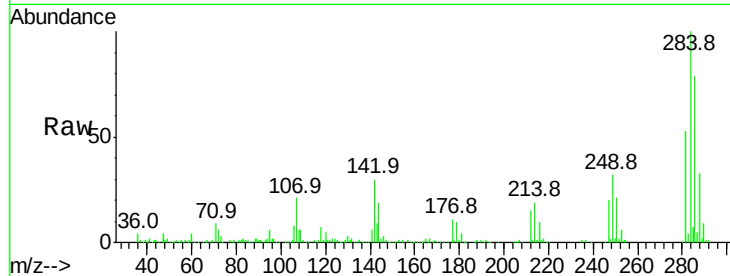
#67
Hexachlorobenzene
Concen: 34.87 ng
RT: 17.21 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

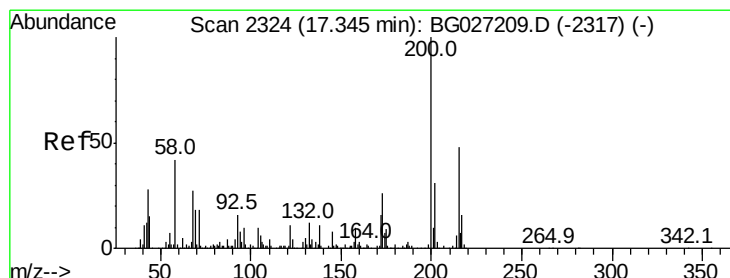
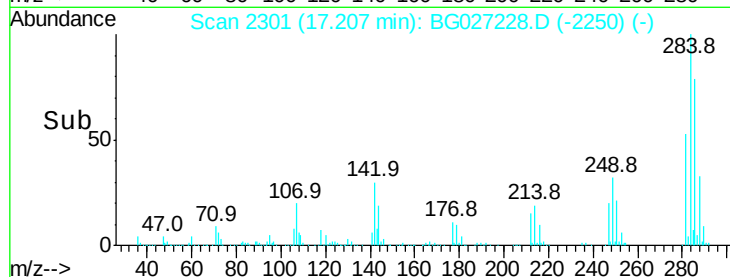
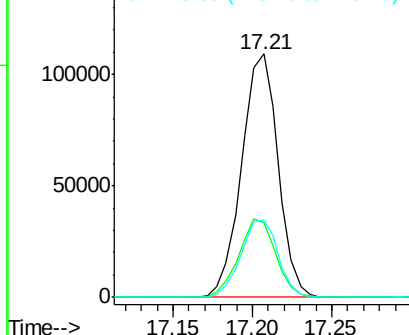
Tot Ion	Ratio	Resp	Lower	Upper
284	100	173982		
142	30.4	29.9	44.9	
249	31.6	29.2	43.8	

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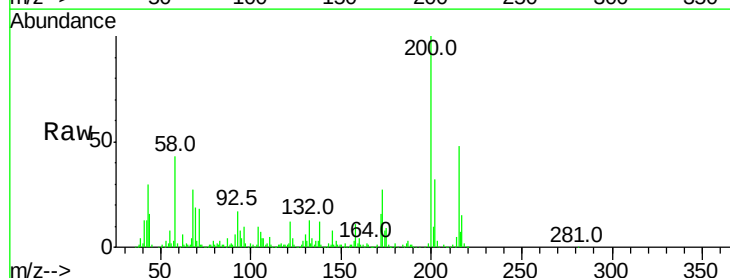


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

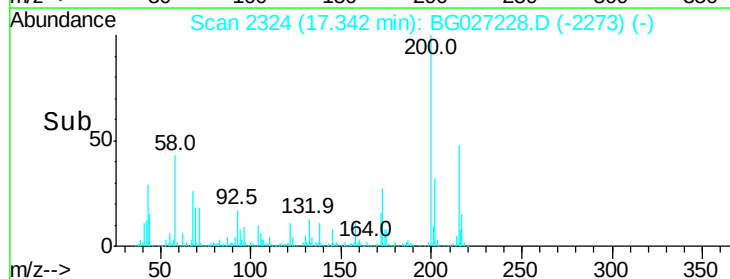
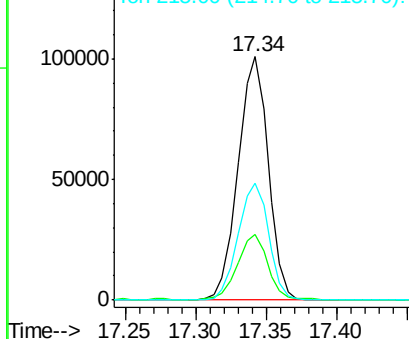


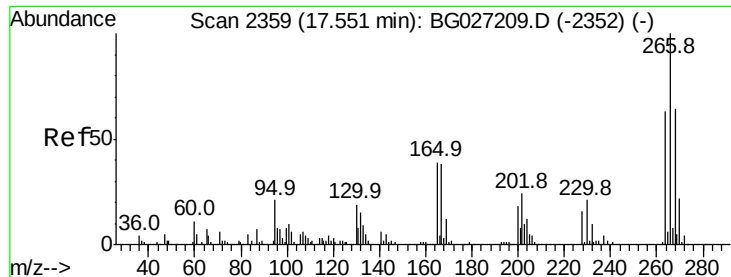
#68
Atrazine
Concen: 36.64 ng
RT: 17.34 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	150569		
173	26.9	3.0	43.0	
215	48.1	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





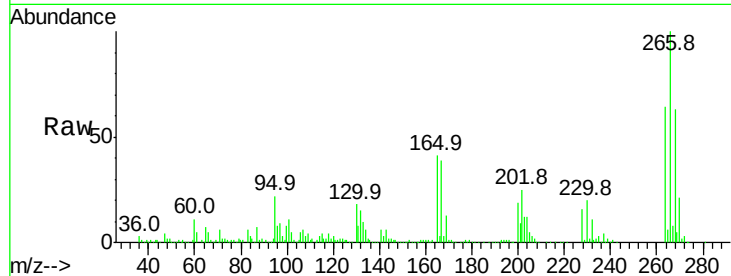
#69
 Pentachlorophenol
 Concen: 78.48 ng
 RT: 17.54 min Scan# 2358
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MS

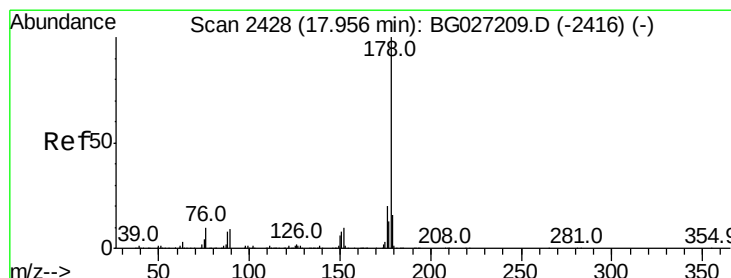
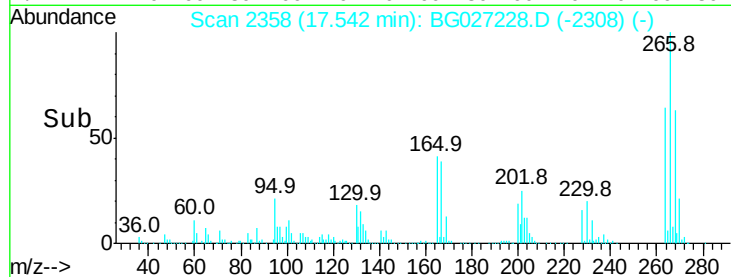
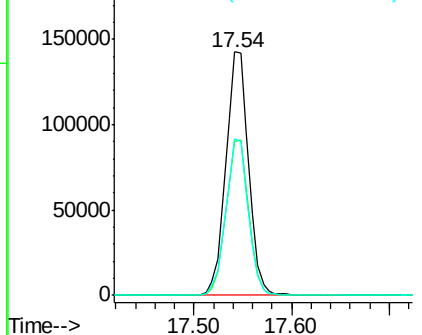
Tot Ion	Ratio	Resp	Lower	Upper
266	100	229519		
268	63.1	48.6	72.8	
264	64.4	50.1	75.1	

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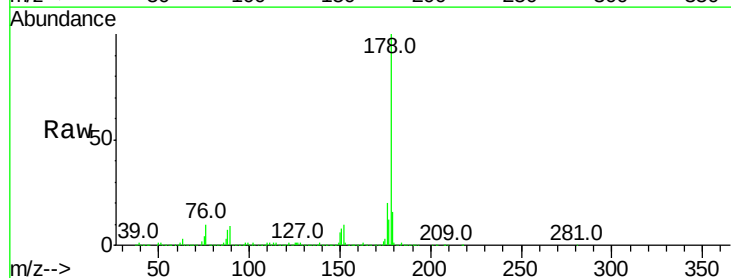


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

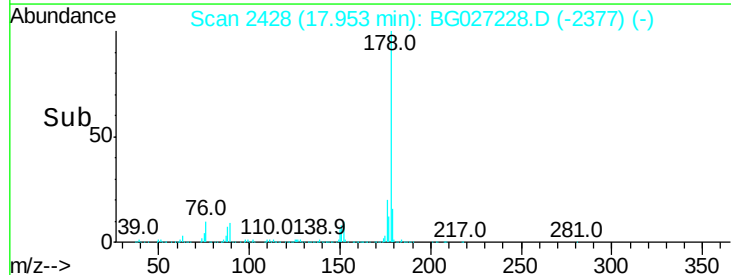
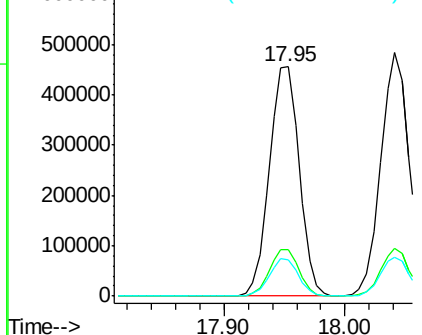


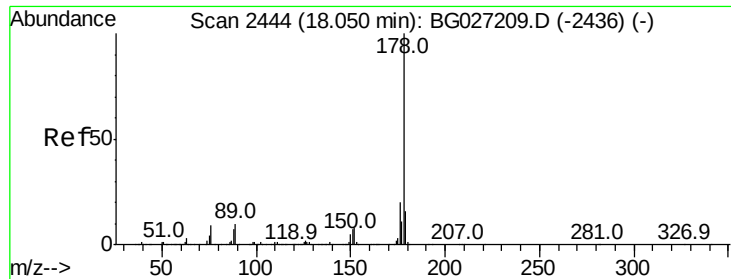
#70
 Phenanthrene
 Concen: 35.13 ng
 RT: 17.95 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	774678		
176	20.4	17.7	26.5	
179	16.0	15.0	22.6	



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





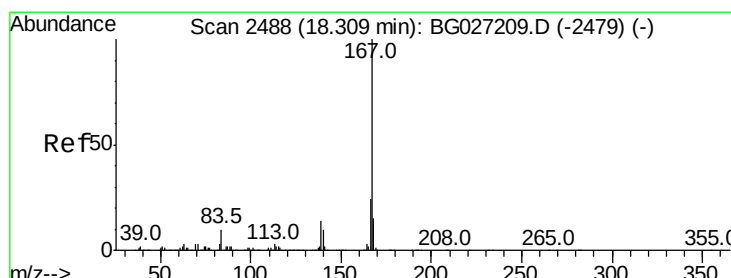
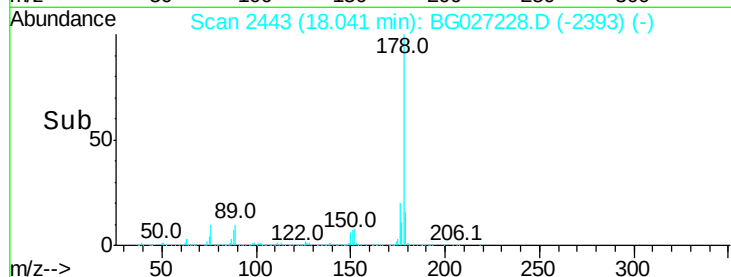
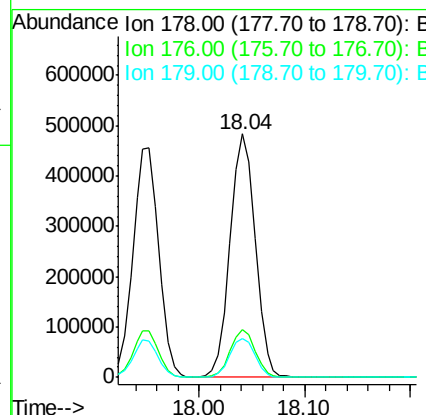
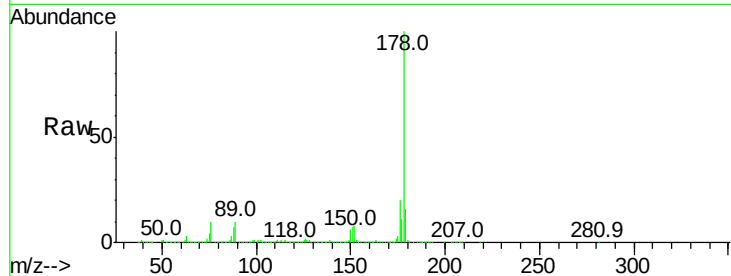
#71
 Anthracene
 Concen: 35.87 ng
 RT: 18.04 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	15.9	13.8	20.8

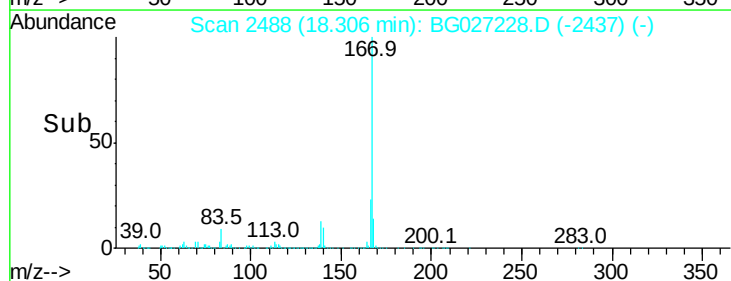
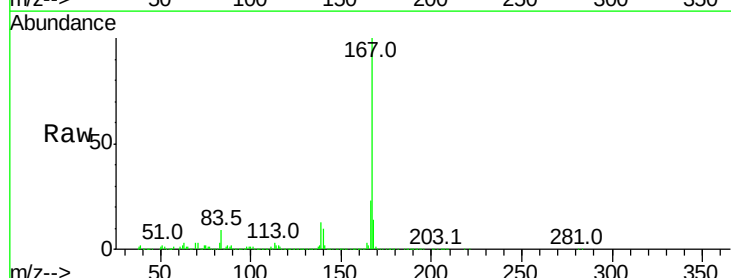
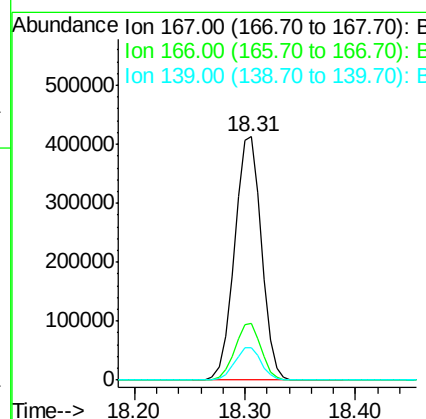
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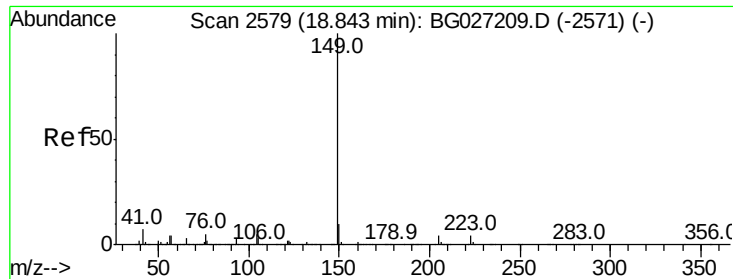
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#72
 Carbazole
 Concen: 33.84 ng
 RT: 18.31 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	20.2	30.2
139	13.1	12.8	19.2





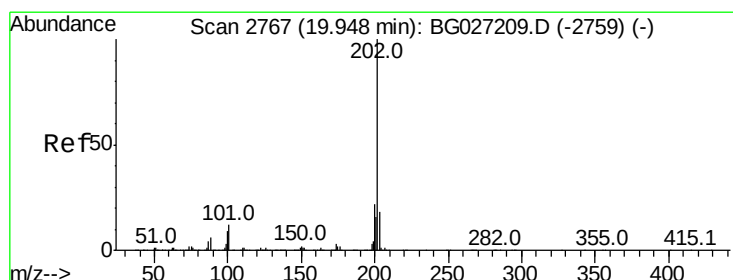
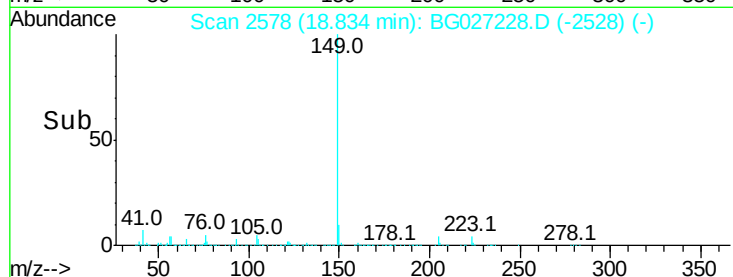
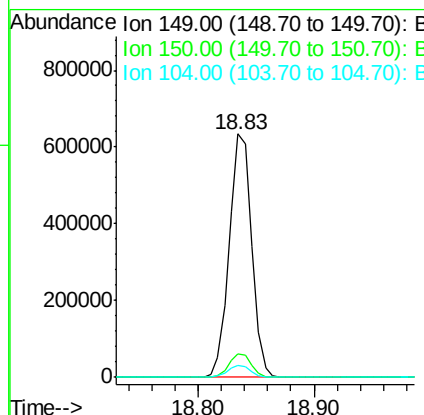
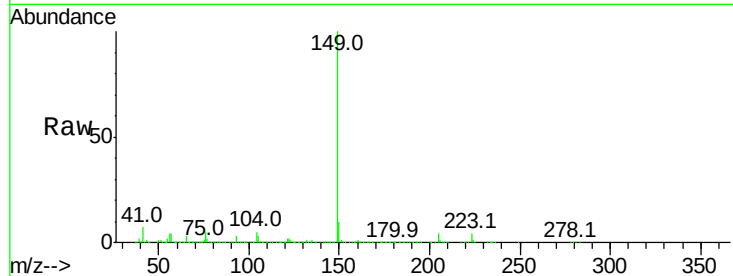
#73
Di-n-butylphthalate
Concen: 42.17 ng
RT: 18.83 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.8	9.1	13.7
104	5.0	6.7	10.1

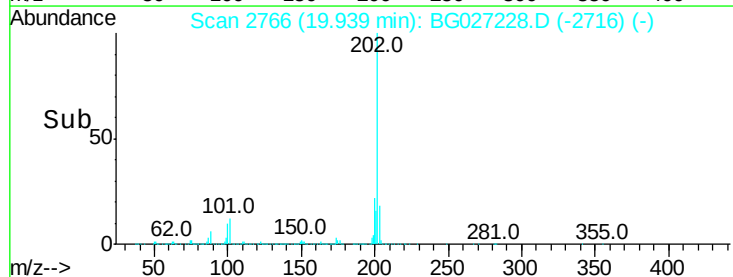
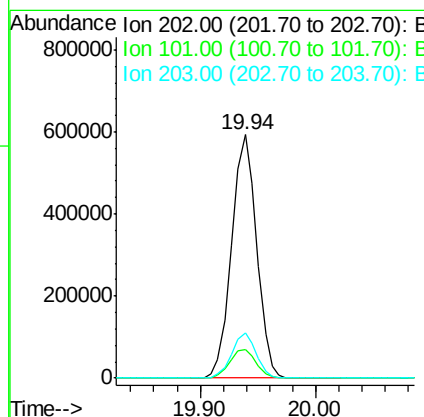
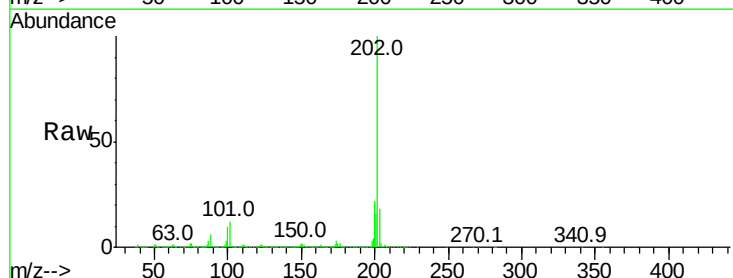
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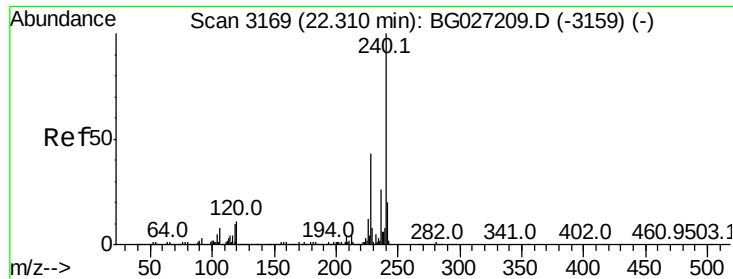
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#74
Fluoranthene
Concen: 37.65 ng
RT: 19.94 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	30.1
203	18.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.30 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

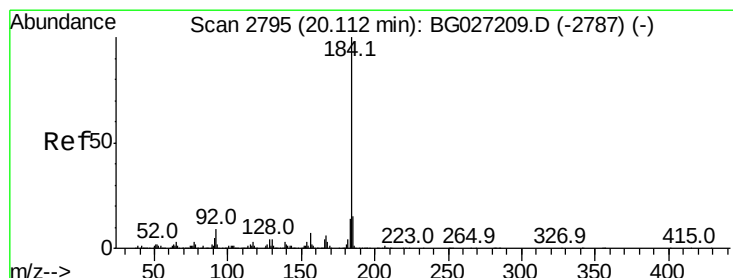
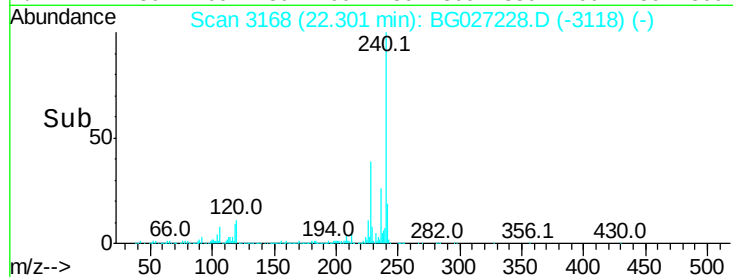
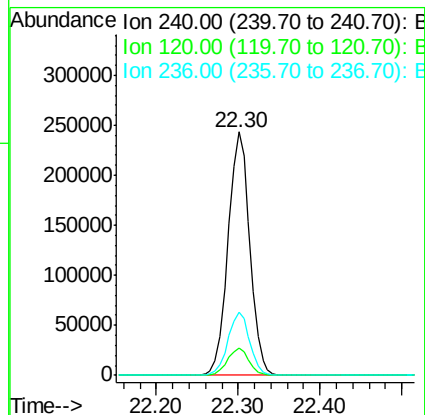
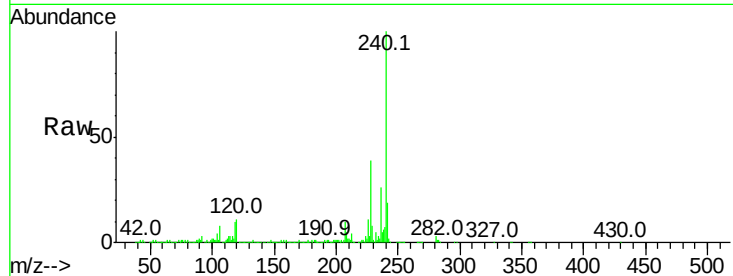
ClientSampleId :

S22-0025MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.7	8.5#
236	25.8	22.2	33.4

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#76

Benzidine

Concen: 0.50 ng

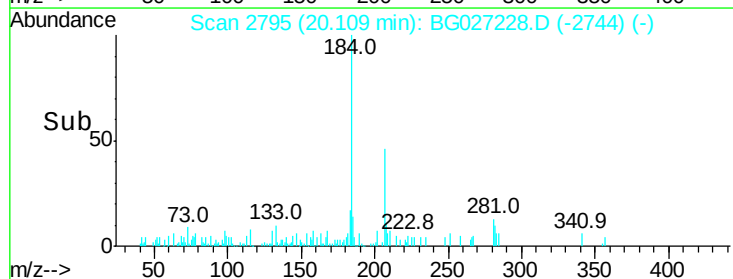
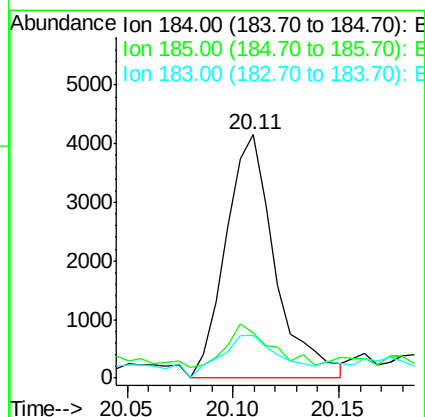
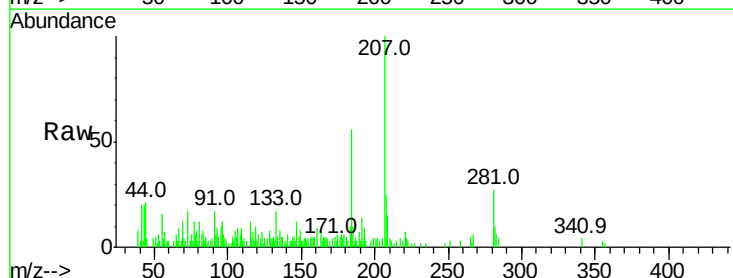
RT: 20.11 min Scan# 2795

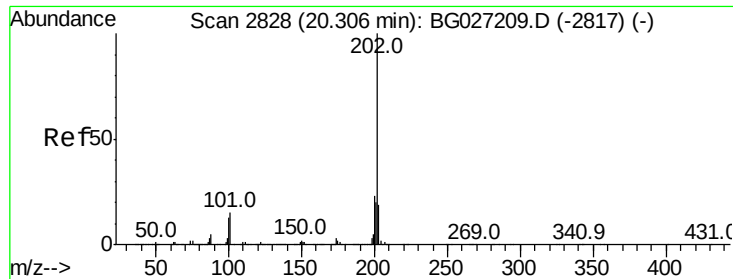
Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.6	13.0	19.6
183	17.3	11.0	16.6#





#77

Pvrene

Concen: 33.40 ng

RT: 20.30 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

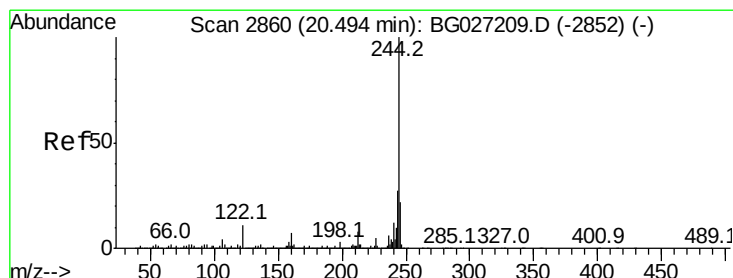
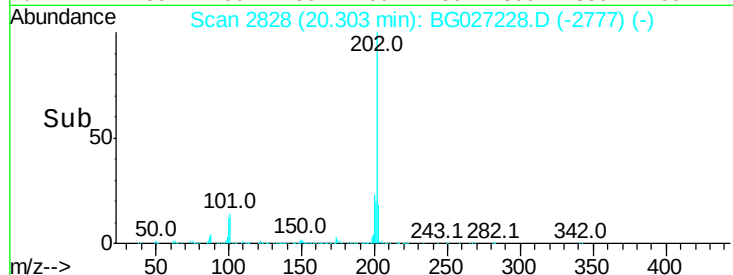
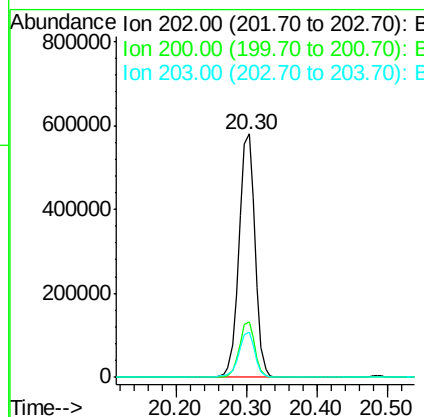
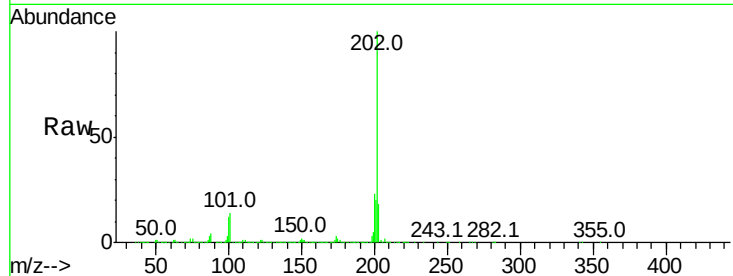
ClientSampleId :

S22-0025MS

Tot Ion:	202	Resp:	905088
Ion Ratio		Lower	Upper
202	100		
200	23.0	19.6	29.4
203	18.5	15.8	23.8

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#78

Terphenyl-d14

Concen: 68.85 ng

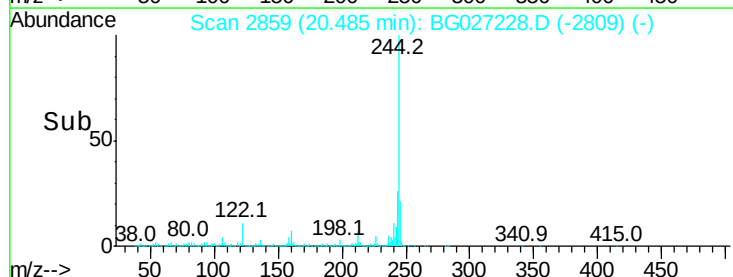
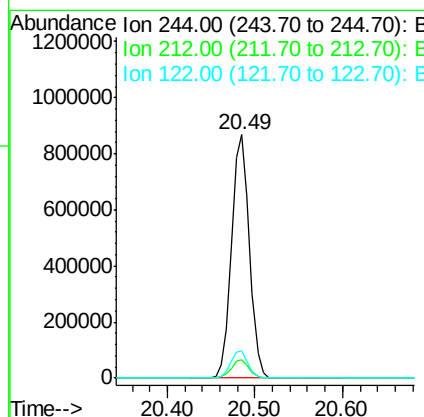
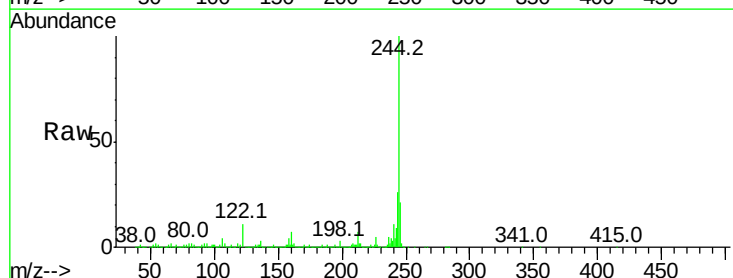
RT: 20.49 min Scan# 2859

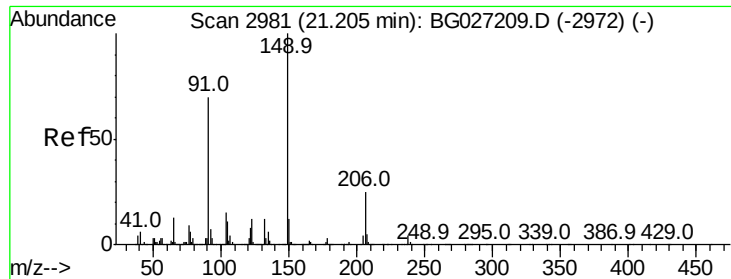
Delta R.T. -0.01 min

Lab File: BG027228.D

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Tgt Ion:	244	Resp:	1210470
Ion Ratio		Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	11.0	8.6	12.8





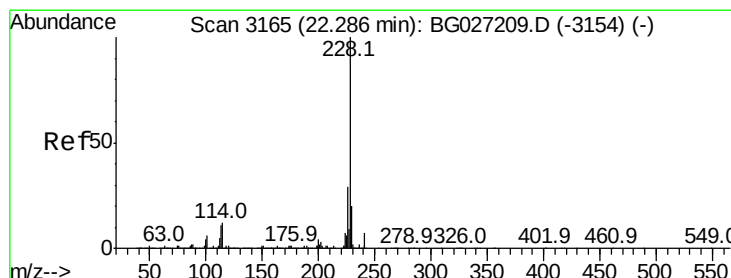
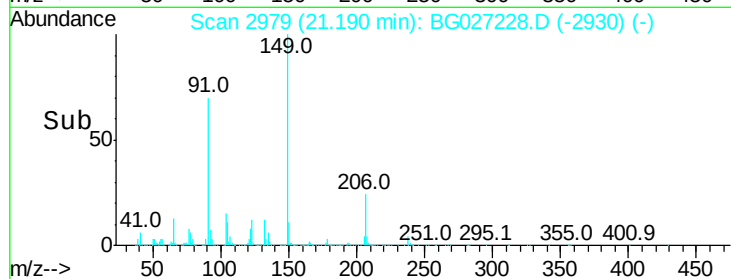
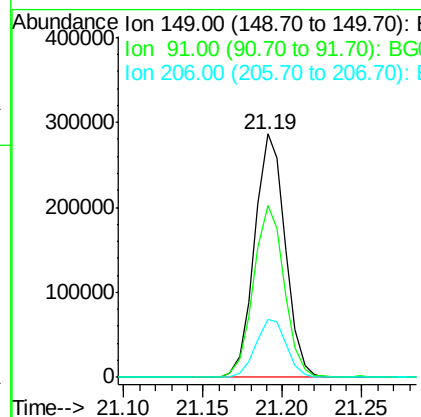
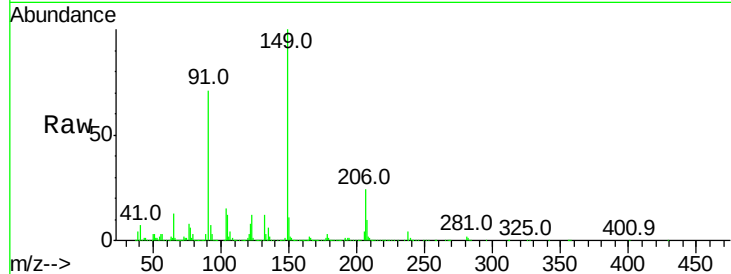
#79
Butylbenzylphthalate
Concen: 39.97 ng
RT: 21.19 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	70.6	63.5	95.3
206	24.1	21.0	31.6

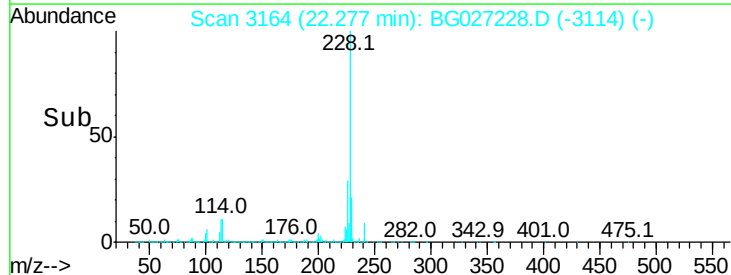
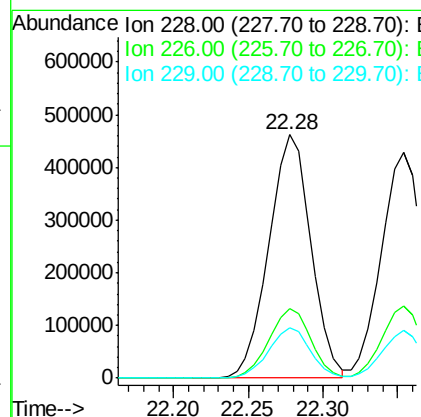
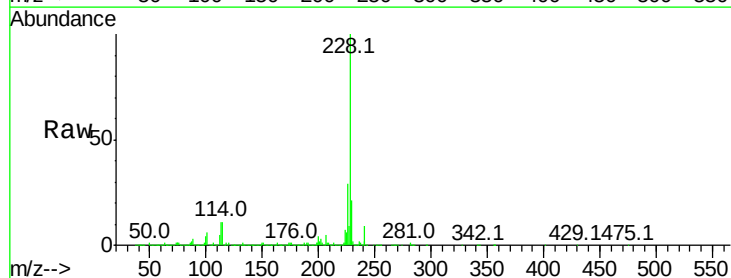
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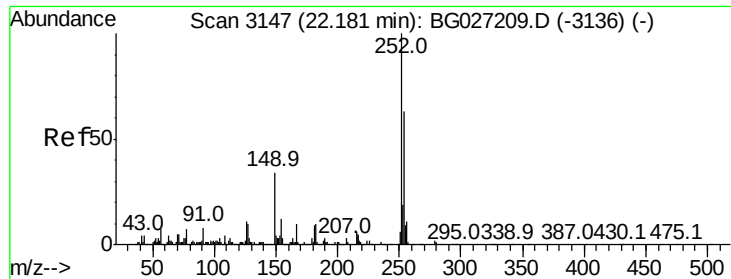
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#80
Benzo(a)anthracene
Concen: 35.45 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.6	24.9	37.3
229	20.6	18.2	27.2





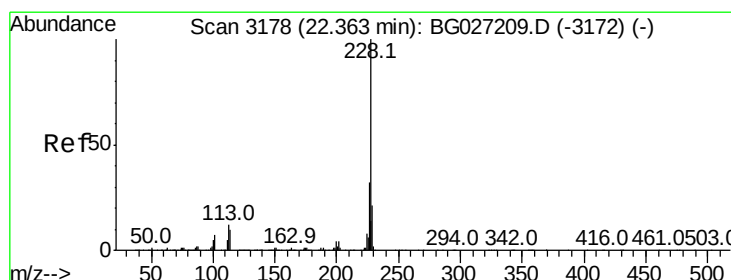
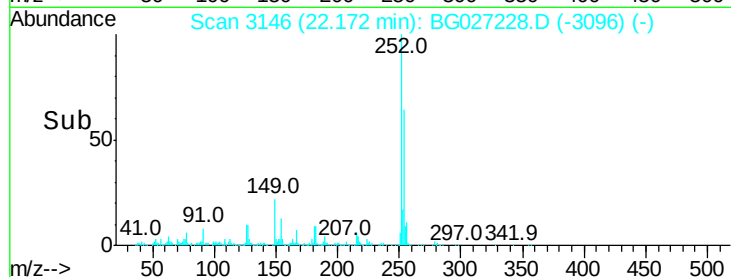
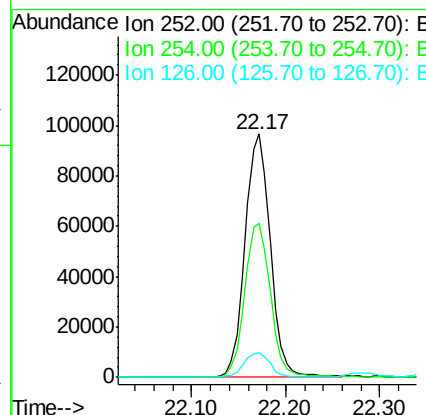
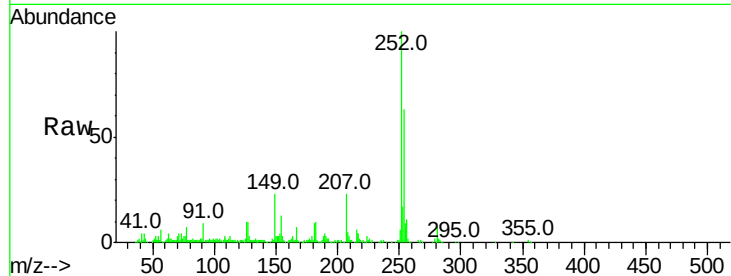
#81
 3,3'-Dichlorobenzidine
 Concen: 18.19 ng
 RT: 22.17 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	181004		
254	63.5	53.1	79.7	
126	10.0	7.0	10.4	

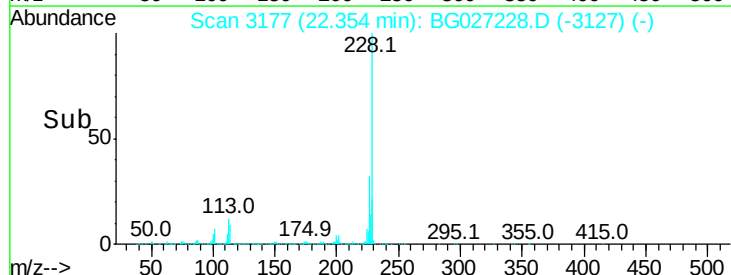
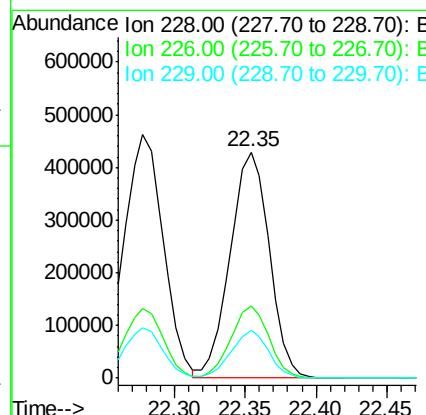
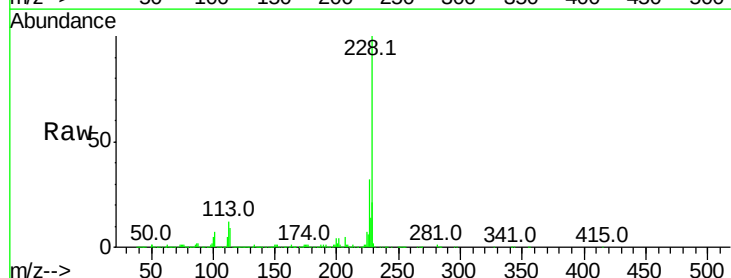
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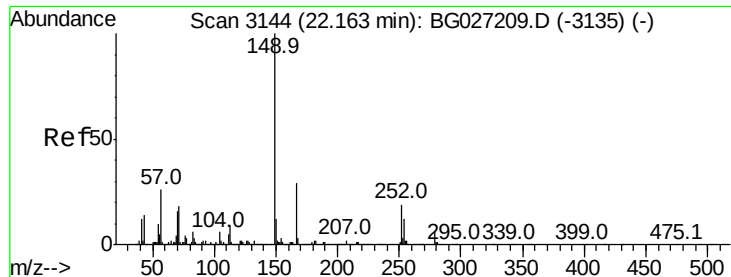
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#82
 Chrysene
 Concen: 33.67 ng
 RT: 22.35 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	826706		
226	32.0	27.0	40.4	
229	20.9	17.8	26.6	





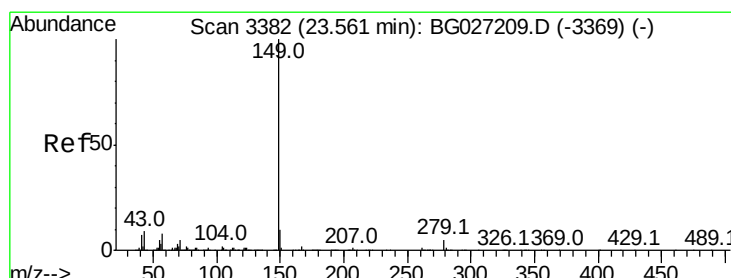
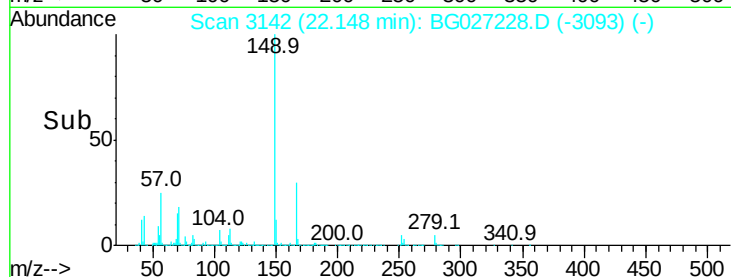
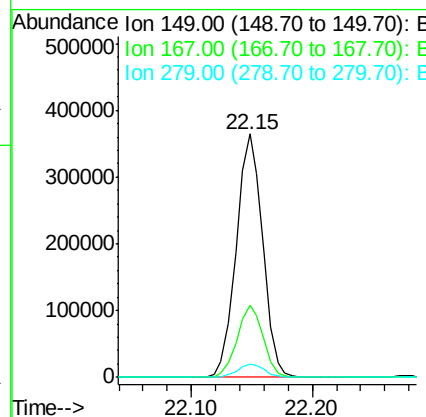
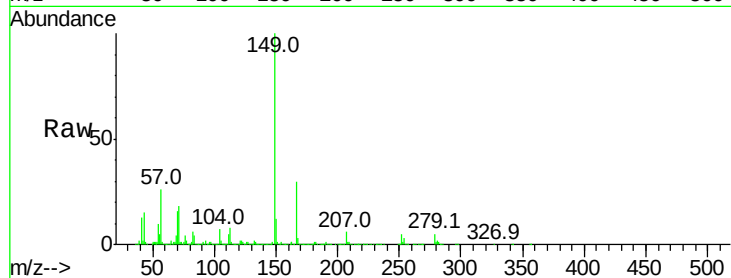
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.13 ng
 RT: 22.15 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Instrument :
 BNA_G
 ClientSampleId :
 S22-0025MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	5.3	4.6	6.8

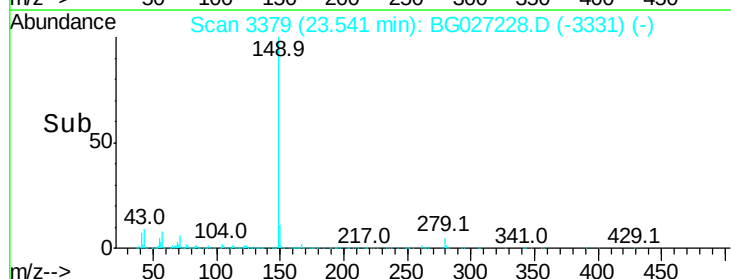
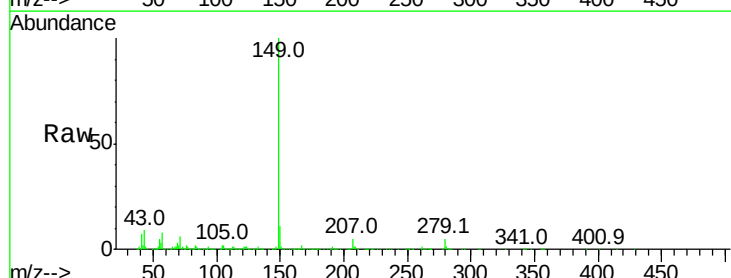
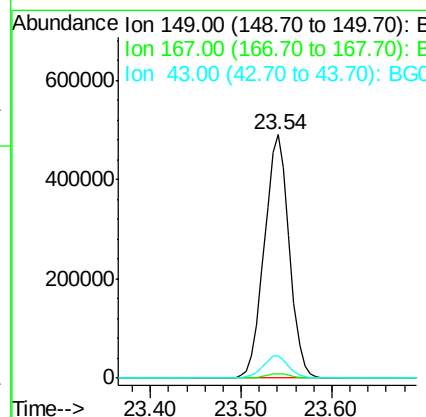
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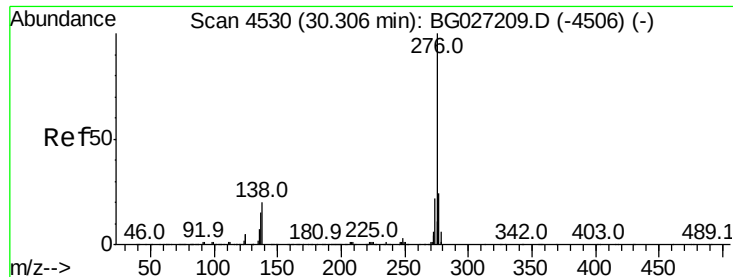
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#84
 Di-n-octyl phthalate
 Concen: 38.77 ng
 RT: 23.54 min Scan# 3379
 Delta R.T. -0.02 min
 Lab File: BG027228.D
 Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.1	11.8	17.6#





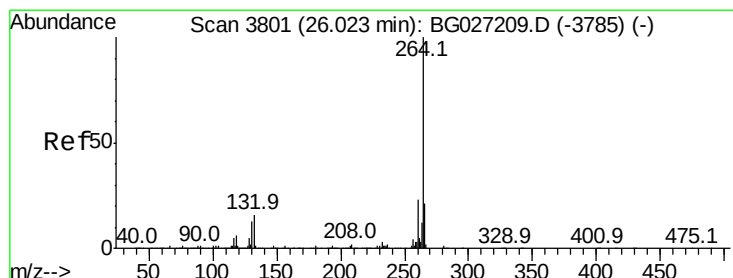
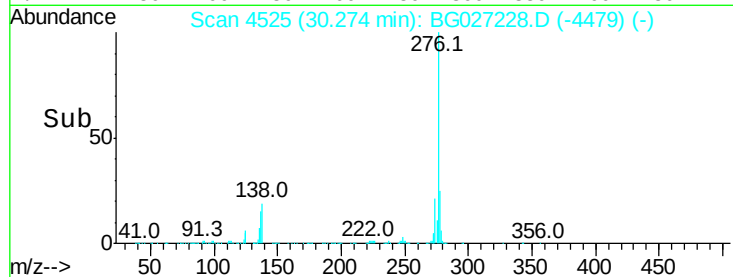
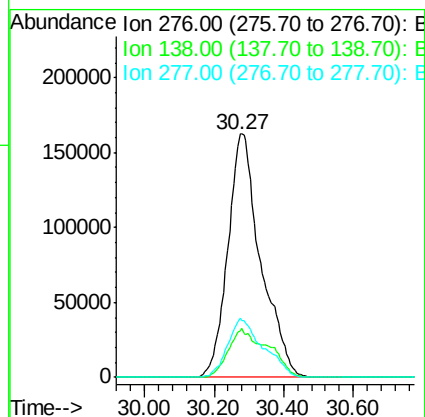
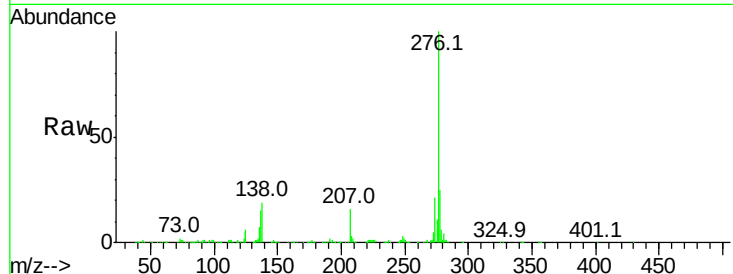
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.86 ng
RT: 30.27 min Scan# 4525
Delta R.T. -0.03 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion:276 Resp: 1066284
Ion Ratio Lower Upper
276 100
138 24.0 4.7 7.1#
277 26.1 20.6 31.0

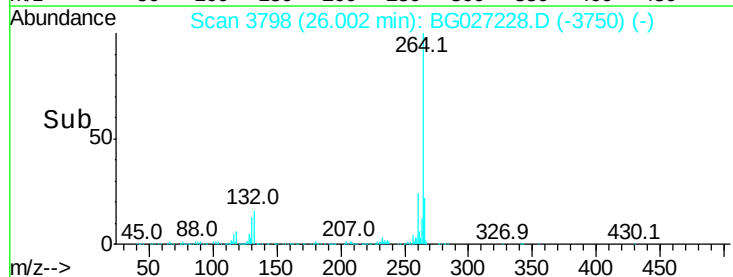
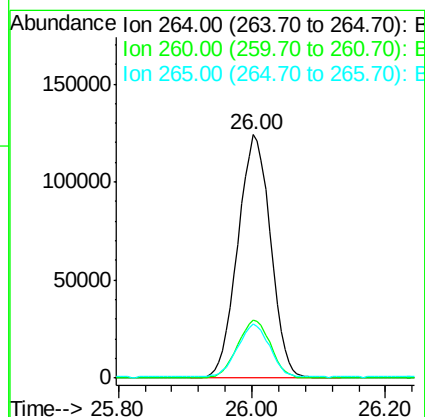
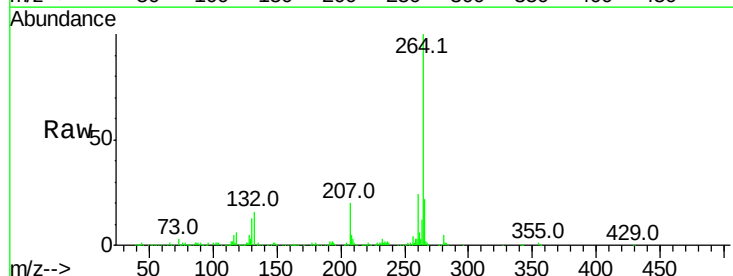
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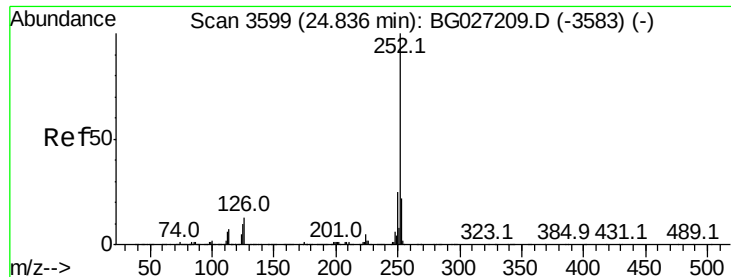
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#86
Perylene-d12
Concen: 20.00 ng
RT: 26.00 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion:264 Resp: 421232
Ion Ratio Lower Upper
264 100
260 23.9 21.8 32.8
265 22.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 35.55 ng

RT: 24.82 min Scan# 3596

Delta R.T. -0.02 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

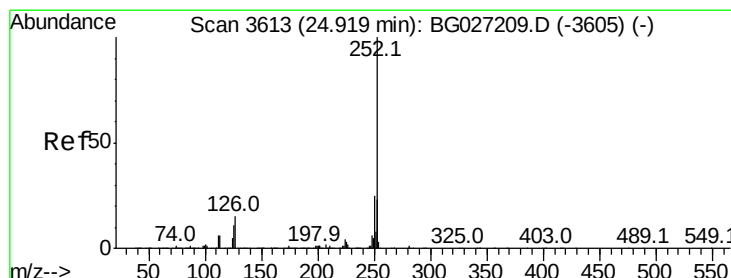
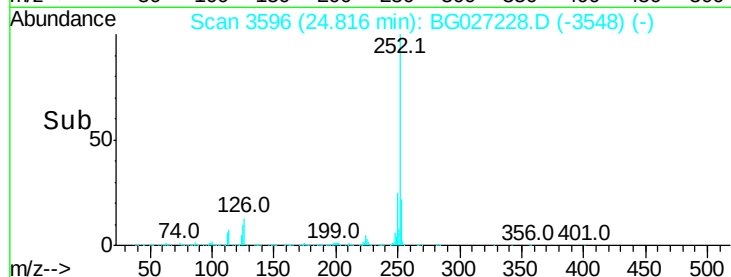
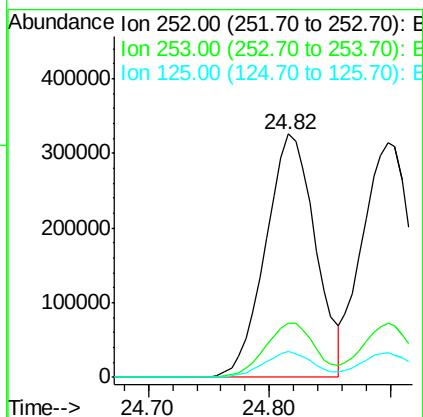
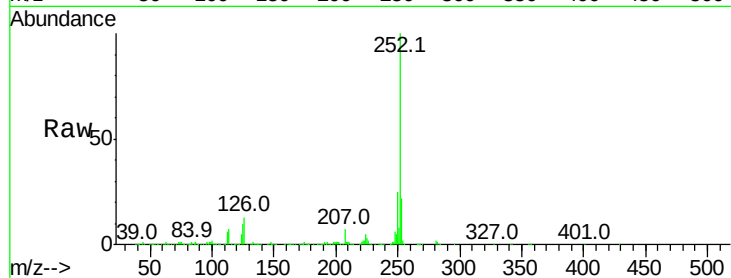
ClientSampleId :

S22-0025MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	10.4	5.3	7.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 34.96 ng

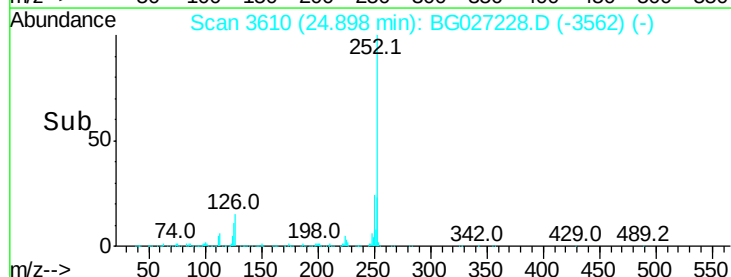
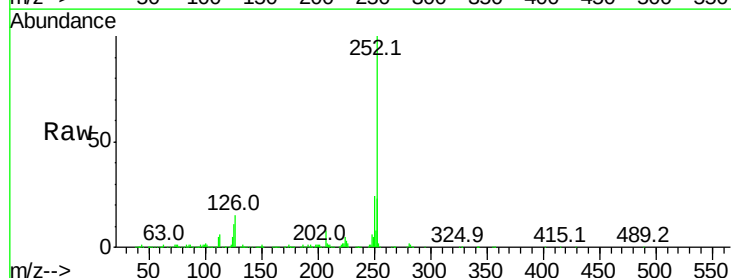
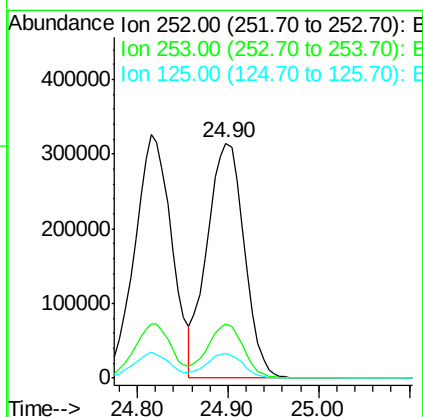
RT: 24.90 min Scan# 3610

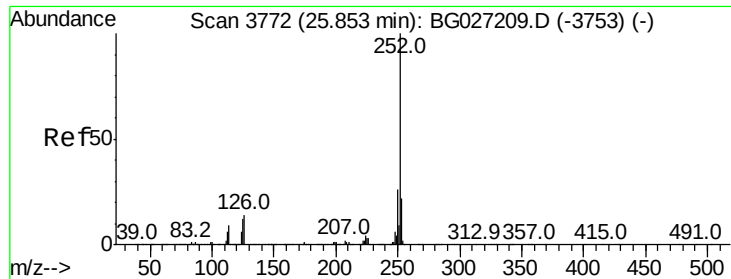
Delta R.T. -0.02 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.2	30.2
125	10.6	5.1	7.7#





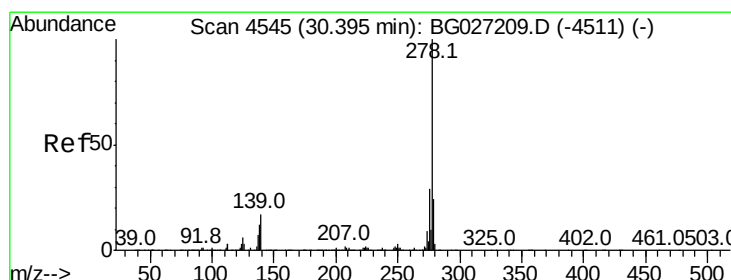
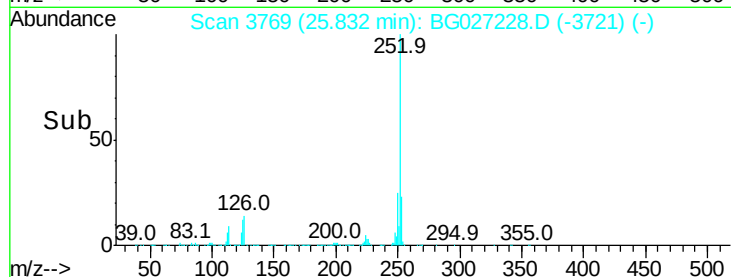
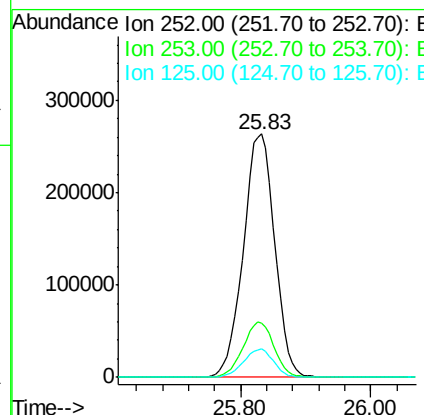
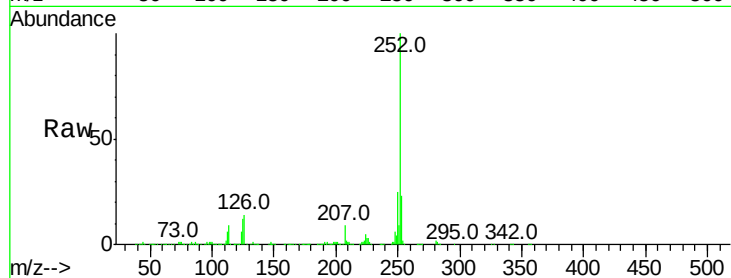
#89
Benzo(a)pyrene
Concen: 35.66 ng
RT: 25.83 min Scan# 3769
Delta R.T. -0.02 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Instrument :
BNA_G
ClientSampleId :
S22-0025MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.2	28.8
125	11.7	5.4	8.0

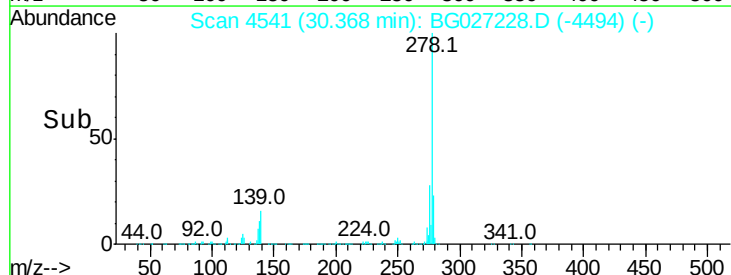
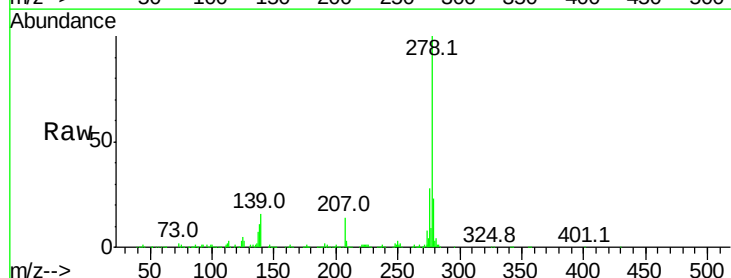
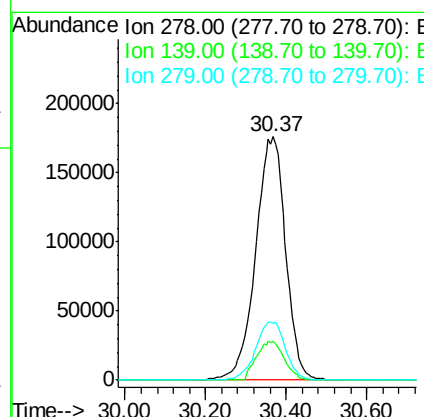
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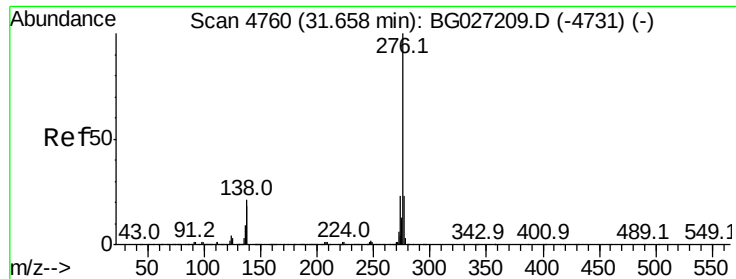
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#90
Dibenzo(a,h)anthracene
Concen: 35.35 ng
RT: 30.37 min Scan# 4541
Delta R.T. -0.03 min
Lab File: BG027228.D
Acq: 6 Jun 2017 1:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	7.7	11.5
279	23.1	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 34.94 ng

RT: 31.62 min Scan# 4754

Delta R.T. -0.04 min

Lab File: BG027228.D

Acq: 6 Jun 2017 1:09

Instrument :

BNA_G

ClientSampleId :

S22-0025MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.6	18.6	27.8
138	20.6	8.1	12.1

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