

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
 Data File : BG027744.D
 Acq On : 29 Jun 2017 17:15
 Operator : SJ/JU
 Sample : PB100228BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:50:39 PM

Quant Time: Jun 30 05:25:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	32826	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	159714	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	100810	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	260108	20.00	ng	0.00
75) Chrysene-d12	22.18	240	287912	20.00	ng	0.00
86) Perylene-d12	25.78	264	269103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.06	112	297769	139.69	ng	0.00
7) Phenol-d6	7.62	99	425292	130.60	ng	0.00
23) Nitrobenzene-d5	9.64	82	243107	84.85	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	201939	146.04	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	612960	86.84	ng	0.00
78) Terphenyl-d14	20.39	244	1093075	89.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.04	88	27668	34.86	ng	# 91
3) Pyridine	4.43	79	86170	35.26	ng	95
4) n-Nitrosodimethylamine	4.34	42	46026	38.41	ng	# 71
6) Aniline	7.80	93	98674	26.14	ng	95
8) 2-Chlorophenol	8.05	128	108445	45.53	ng	90
9) Benzaldehyde	7.62	77	48874	25.22	ng	87
10) Phenol	7.65	94	145668	45.21	ng	82
11) bis(2-Chloroethyl)ether	7.88	93	92593	37.83	ng	98
12) 1,3-Dichlorobenzene	8.37	146	101686	40.13	ng	# 92
13) 1,4-Dichlorobenzene	8.51	146	105930	40.35	ng	97
14) 1,2-Dichlorobenzene	8.83	146	101571	39.90	ng	94
15) Benzyl Alcohol	8.70	79	86994	38.62	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.99	45	209609	40.15	ng	97
17) 2-Methylphenol	8.90	107	98811	43.35	ng	# 87
18) Hexachloroethane	9.57	117	36973	40.04	ng	# 81
19) n-Nitroso-di-n-propylamine	9.27	70	86835	36.65	ng	# 95
20) 3+4-Methylphenols	9.22	107	134901	41.04	ng	87
22) Acetophenone	9.29	105	157564	40.88	ng	90
24) Nitrobenzene	9.68	77	123083	41.09	ng	# 85
25) Isophorone	10.20	82	239872	38.41	ng	# 96
26) 2-Nitrophenol	10.40	139	57605	42.57	ng	# 80
27) 2,4-Dimethylphenol	10.43	122	118038	46.58	ng	86
28) bis(2-Chloroethoxy)methane	10.67	93	138639	39.15	ng	99
29) 2,4-Dichlorophenol	10.93	162	104651	47.12	ng	96
30) 1,2,4-Trichlorobenzene	11.15	180	94767	41.84	ng	# 95
31) Naphthalene	11.35	128	343510	40.44	ng	98
32) Benzoic acid	10.55	122	50585	35.49	ng	# 84
33) 4-Chloroaniline	11.45	127	18829	5.13	ng	# 88
34) Hexachlorobutadiene	11.62	225	54405	43.11	ng	99
35) Caprolactam	12.21	113	45725m	40.93	ng	
36) 4-Chloro-3-methylphenol	12.53	107	139635	44.68	ng	93
37) 2-Methylnaphthalene	12.92	142	255843m	40.44	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	110125	41.57	ng	# 98
40) Hexachlorocyclopentadiene	13.25	237	144512	115.70	ng	97

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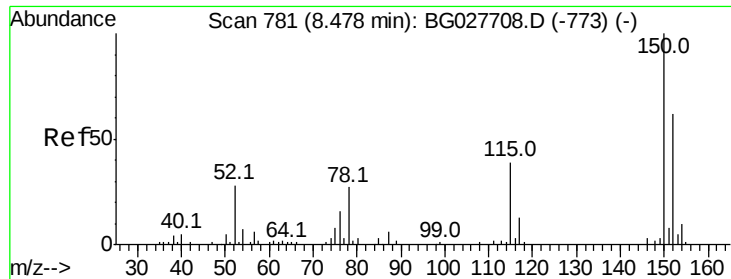
Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:50:39 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	86094	45.00	nq	94
43) 2,4,5-Trichlorophenol	13.58	196	99014	45.67	nq	93
45) 1,1'-Biphenyl	13.90	154	342281	42.36	nq	98
46) 2-Chloronaphthalene	13.95	162	255644	41.88	nq	99
47) 2-Nitroaniline	14.14	65	106782	43.70	nq	# 86
48) Acenaphthylene	14.79	152	445485	39.94	nq	97
49) Dimethylphthalate	14.50	163	368204	42.82	nq	97
50) 2,6-Dinitrotoluene	14.63	165	79745	42.66	nq	84
51) Acenaphthene	15.13	154	280375	39.22	nq	95
52) 3-Nitroaniline	14.97	138	43357	19.71	nq	80
53) 2,4-Dinitrophenol	15.17	184	91547	88.24	nq	91
54) Dibenzofuran	15.46	168	419438	44.37	nq	97
55) 4-Nitrophenol	15.26	139	161416	96.15	nq	# 56
56) 2,4-Dinitrotoluene	15.41	165	117666	45.13	nq	92
57) Fluorene	16.11	166	373847	40.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	90785m	48.58	nq	
59) Diethylphthalate	15.85	149	413306	43.40	nq	95
60) 4-Chlorophenyl-phenylether	16.09	204	170794	42.10	nq	95
61) 4-Nitroaniline	16.13	138	102771	44.85	nq	# 65
62) Azobenzene	16.38	77	384541	45.96	nq	93
64) 4,6-Dinitro-2-methylphenol	16.18	198	66247	41.72	nq	80
65) n-Nitrosodiphenylamine	16.31	169	344530	40.72	nq	98
66) 4-Bromophenyl-phenylether	16.99	248	113699	41.79	nq	92
67) Hexachlorobenzene	17.11	284	119762	41.57	nq	94
68) Atrazine	17.24	200	121880	45.62	nq	94
69) Pentachlorophenol	17.46	266	150053	81.45	nq	96
70) Phenanthrene	17.86	178	627089	41.76	nq	94
71) Anthracene	17.95	178	636758	41.99	nq	97
72) Carbazole	18.22	167	589527	39.48	nq	97
73) Di-n-butylphthalate	18.73	149	751679	45.80	nq	# 94
74) Fluoranthene	19.85	202	730889	44.54	nq	93
76) Benzidine	20.02	184	308020	45.15	nq	95
77) Pyrene	20.21	202	746787	41.33	nq	96
79) Butylbenzylphthalate	21.08	149	351314	43.17	nq	# 87
80) Benzo(a)anthracene	22.15	228	723886	41.59	nq	95
81) 3,3'-Dichlorobenzidine	22.05	252	139988	22.16	nq	# 97
82) Chrysene	22.23	228	674103	41.32	nq	96
83) Bis(2-ethylhexyl)phthalate	22.01	149	505475	42.51	nq	# 96
84) Di-n-octyl phthalate	23.34	149	861873	43.87	nq	# 92
85) Indeno(1,2,3-cd)pyrene	29.95	276	811944	43.54	nq	# 92
87) Benzo(b)fluoranthene	24.63	252	719304	41.49	nq	# 95
88) Benzo(k)fluoranthene	24.71	252	693600	40.47	nq	# 92
89) Benzo(a)pyrene	25.61	252	681215	41.87	nq	# 93
90) Dibenzo(a,h)anthracene	30.01	278	684267	41.52	nq	# 94
91) Benzo(g,h,i)perylene	31.25	276	649584	41.01	nq	# 87

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



#1

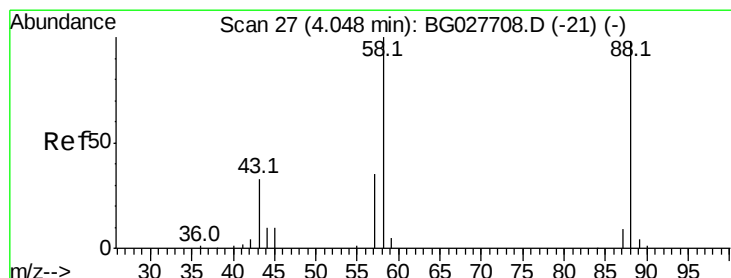
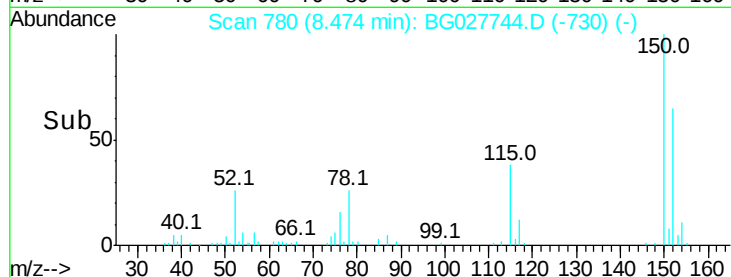
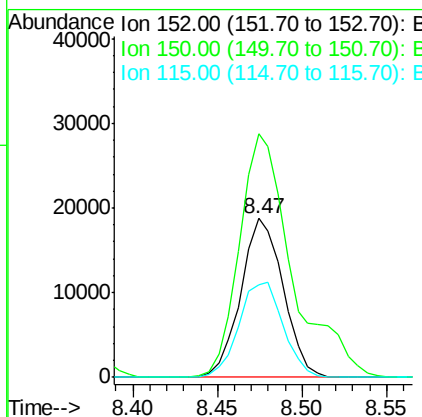
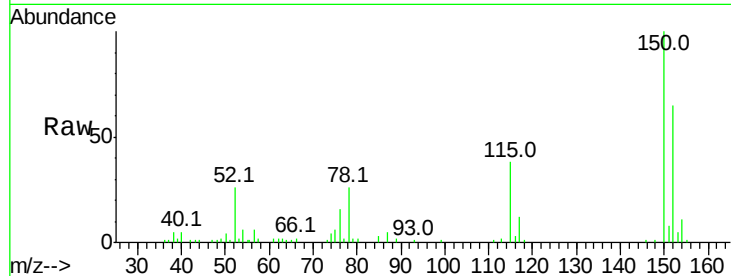
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.47 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	114.0	171.0
115	58.0	48.1	72.1

Manual Integrations
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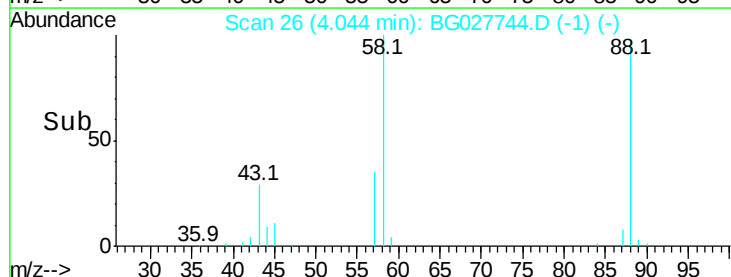
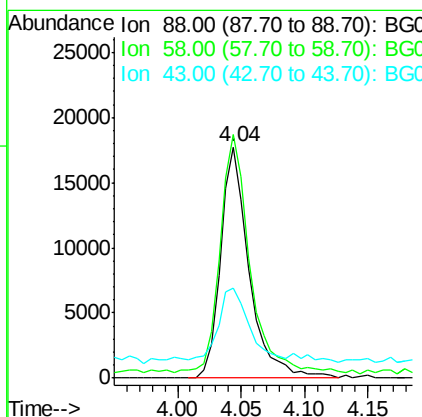
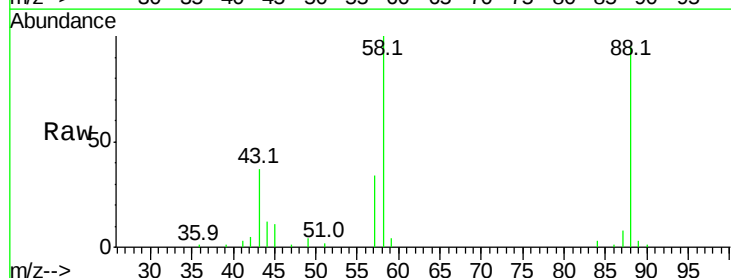
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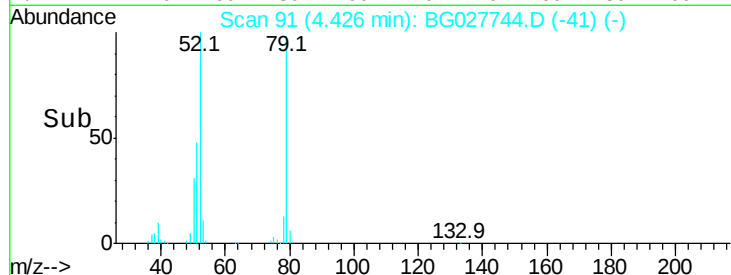
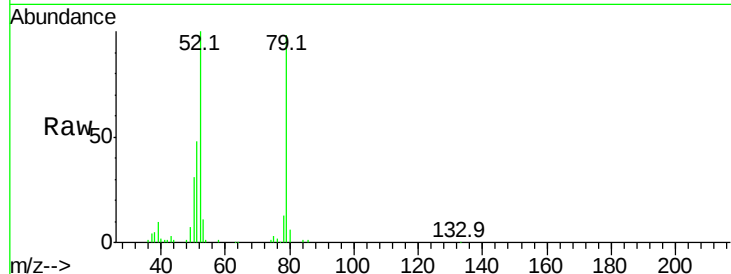
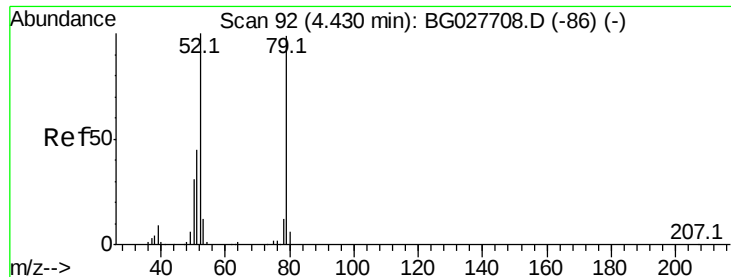


#2

1,4-Dioxane
Concen: 34.86 ng
RT: 4.04 min Scan# 26
Delta R.T. -0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.4	79.4	119.2
43	33.0	33.8	50.6#





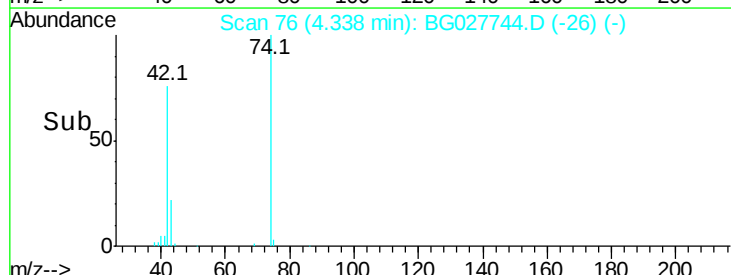
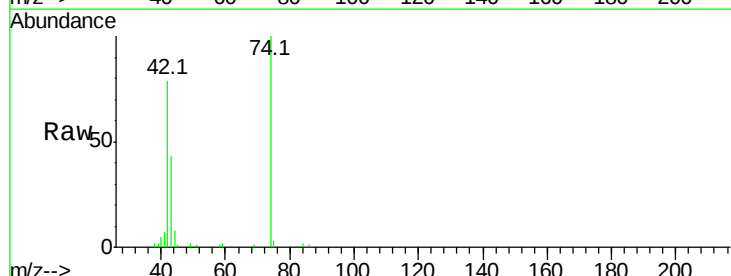
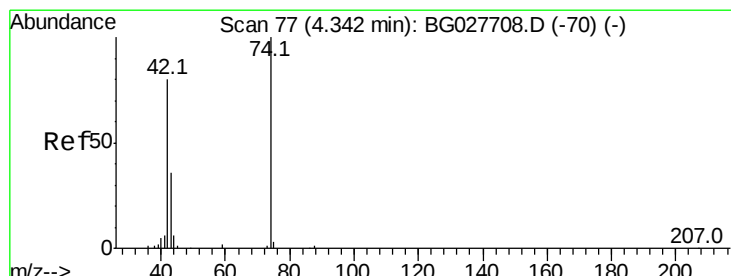
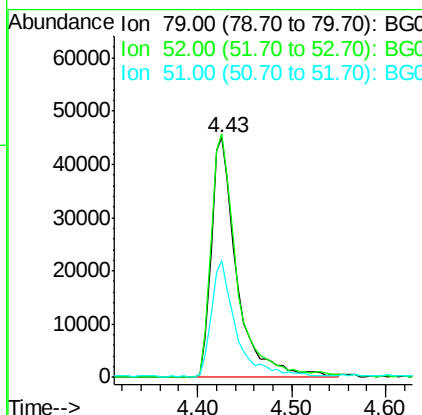
#3
 Pvridine
 Concen: 35.26 ng
 RT: 4.43 min Scan# 91
 Delta R.T. -0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	101.6	77.8	116.6		
51	49.0	43.2	64.8		

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

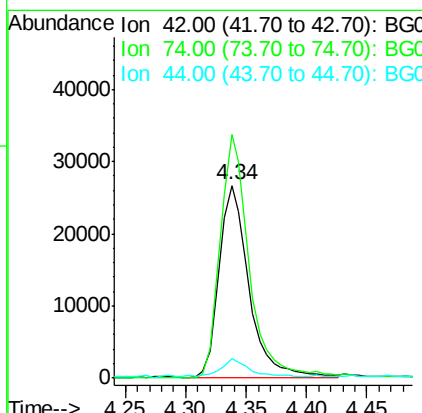
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#4
 n-Nitrosodimethylamine
 Concen: 38.41 ng
 RT: 4.34 min Scan# 76
 Delta R.T. -0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	126.4	76.7	115.1#		
44	10.4	6.1	9.1#		





#5

2-Fluorophenol

Concen: 139.69 ng

RT: 6.06 min Scan# 369

Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

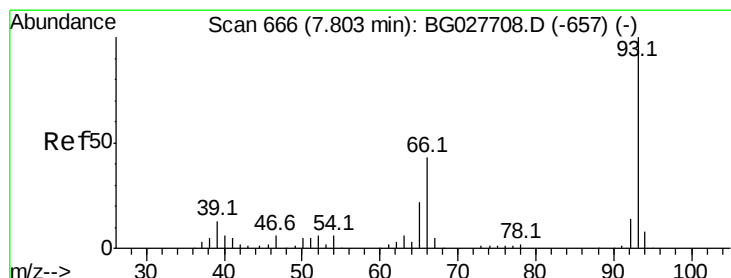
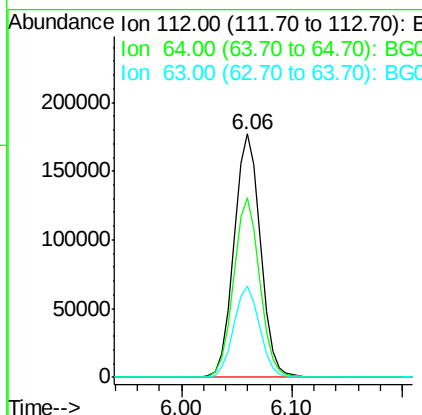
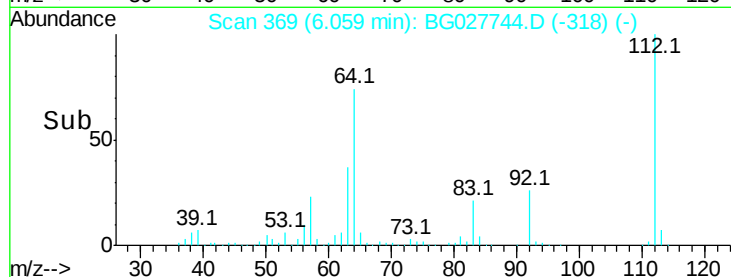
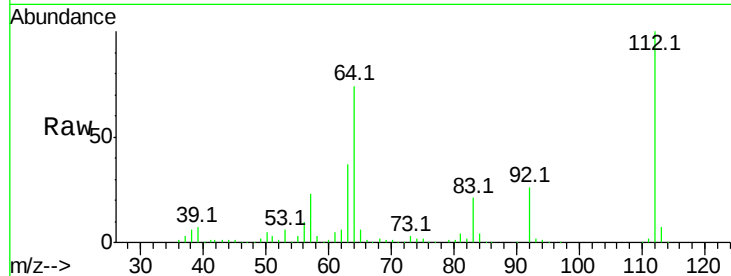
ClientSampleId :

PB100228BS

Tot Ion:	112	Resp:	297769
Ion Ratio	Lower	Upper	
112	100		
64	73.7	61.8	92.6
63	37.4	37.2	55.8

Manual Integrations
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#6

Aniline

Concen: 26.14 ng

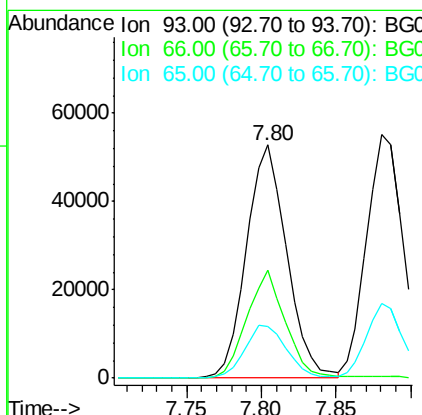
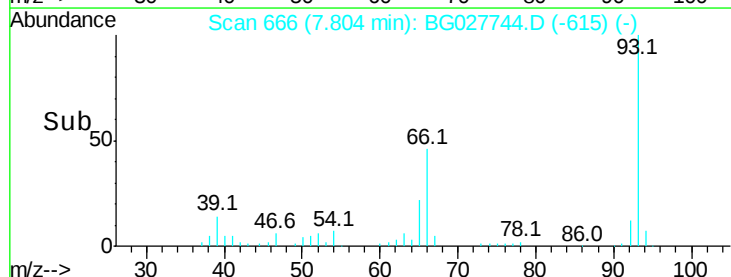
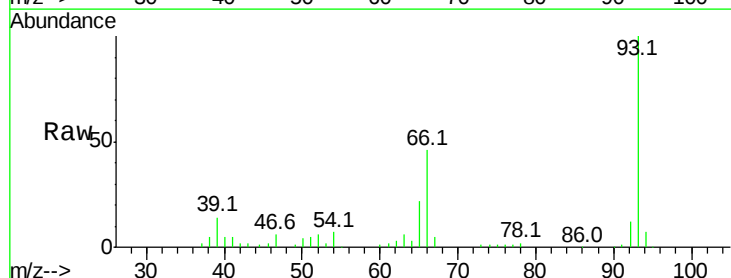
RT: 7.80 min Scan# 666

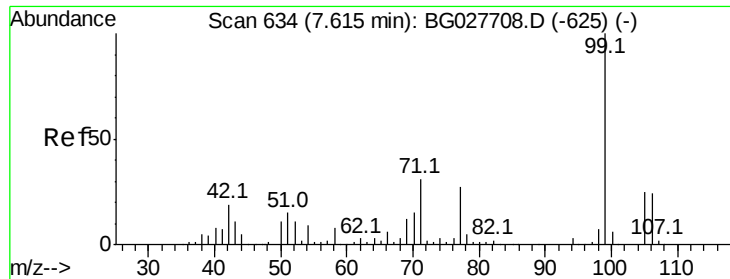
Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion:	93	Resp:	98674
Ion Ratio	Lower	Upper	
93	100		
66	46.2	35.4	53.2
65	22.4	21.2	31.8





#7

Phenol-d6

Concen: 130.60 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

ClientSampleId :

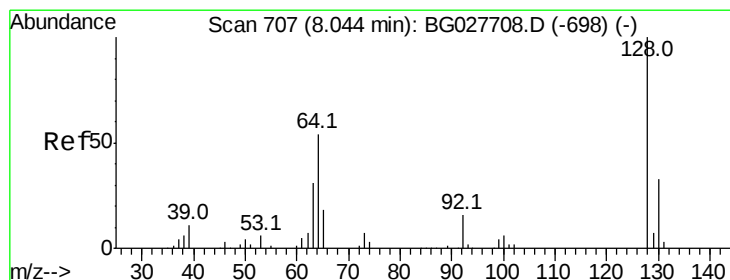
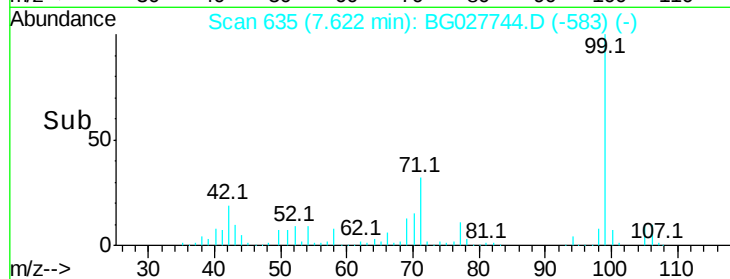
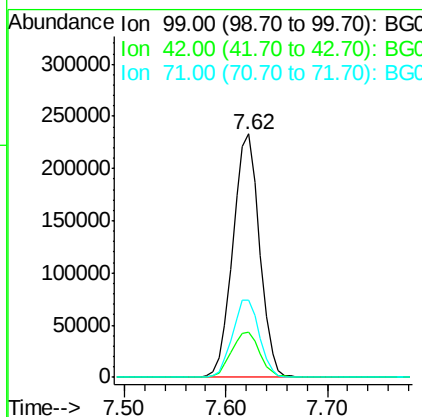
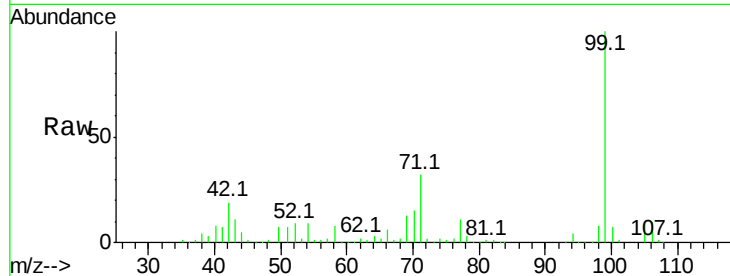
PB100228BS

Tot Ion: 99 Resp: 425292

Ion	Ratio	Lower	Upper
99	100		
42	18.7	20.5	30.7#
71	31.7	37.6	56.4#

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.53 ng

RT: 8.05 min Scan# 707

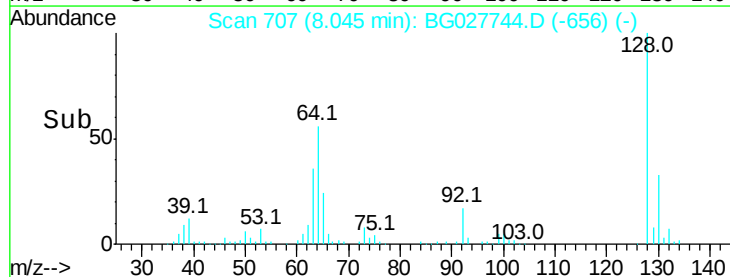
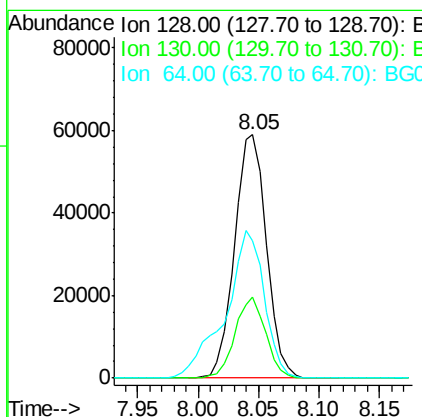
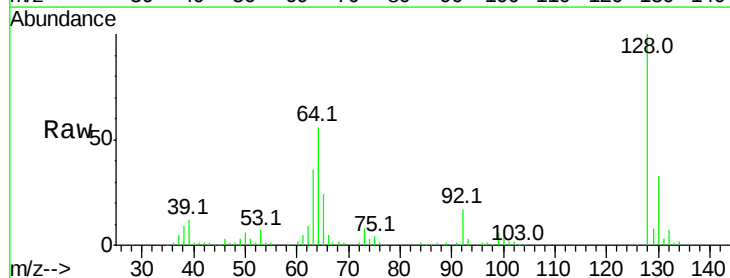
Delta R.T. 0.00 min

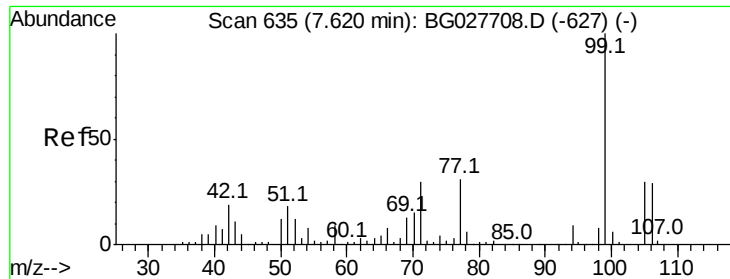
Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion: 128 Resp: 108445

Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.4	51.4
64	56.2	46.6	86.6





#9

Benzaldehyde

Concen: 25.22 ng

RT: 7.62 min Scan# 634

Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

ClientSampleId :

PB100228BS

Tot Ion: 77 Resp: 48874

Ion Ratio Lower Upper

77 100

105 90.9 60.9 100.9

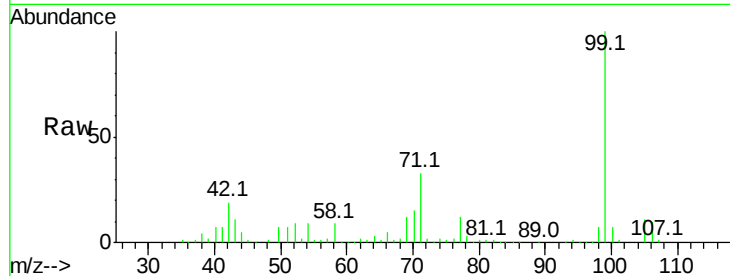
106 87.2 55.1 95.1

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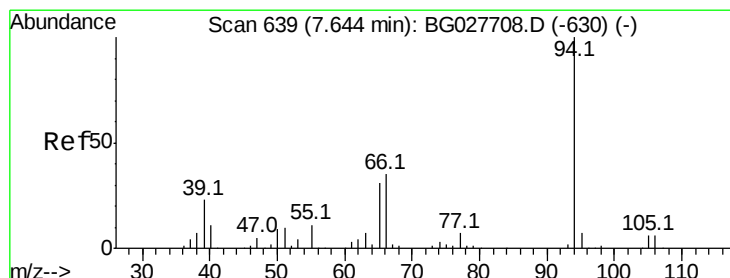
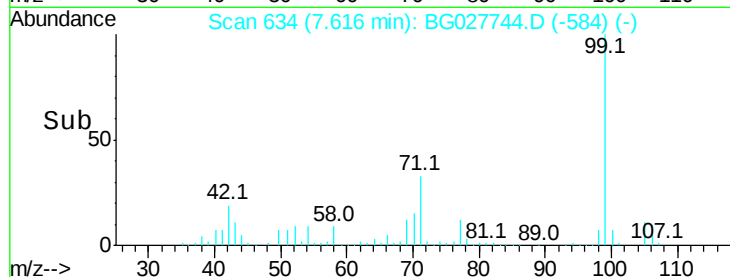
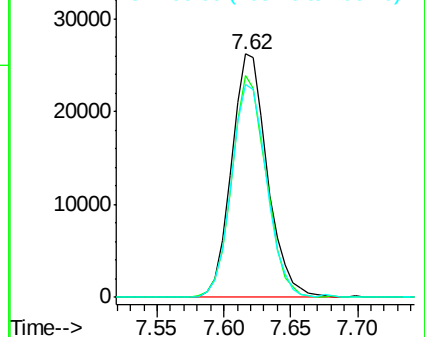
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.21 ng

RT: 7.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

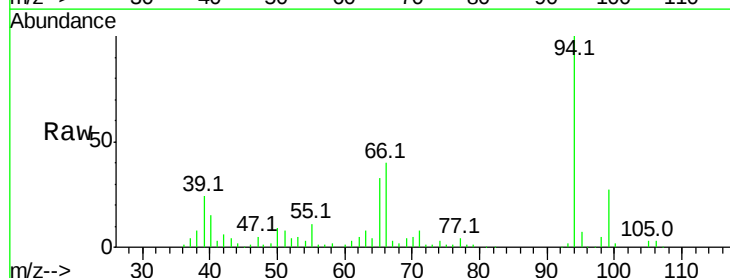
Tgt Ion: 94 Resp: 145668

Ion Ratio Lower Upper

94 100

65 32.7 20.6 60.6

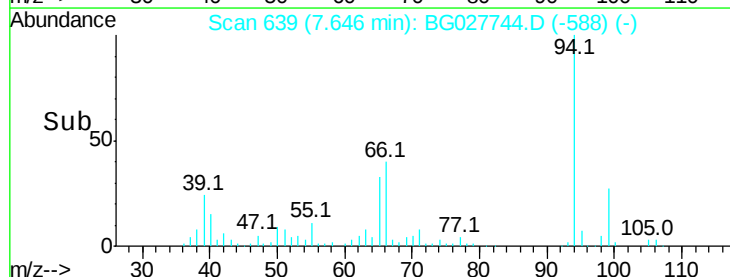
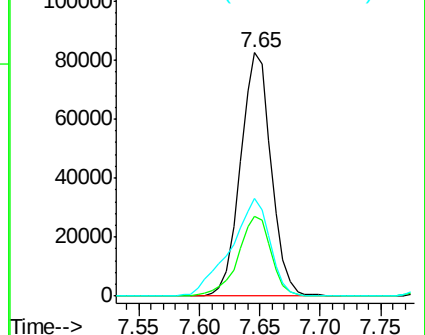
66 39.9 35.5 75.5

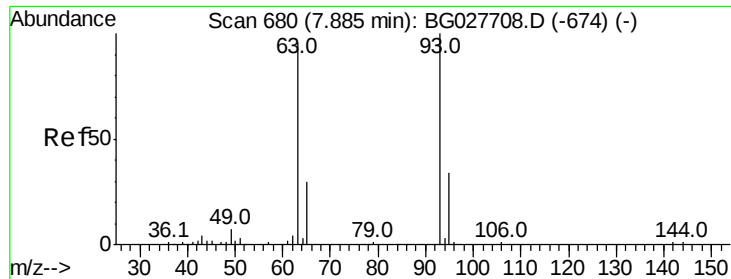


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.83 ng

RT: 7.88 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

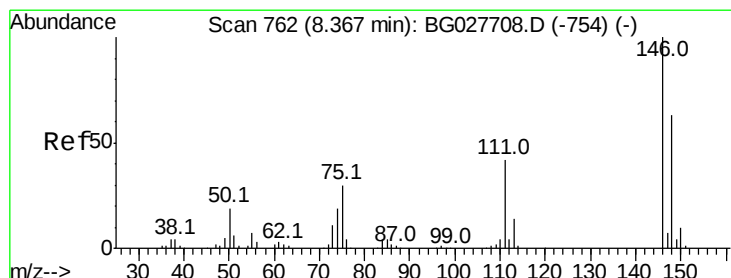
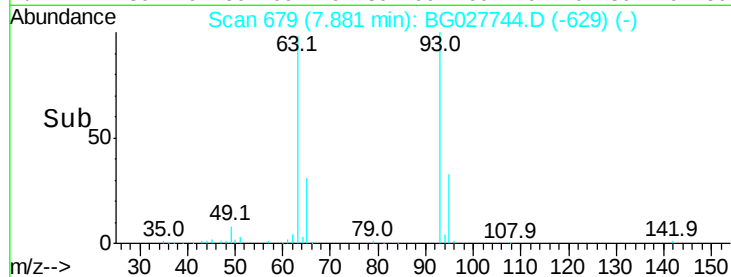
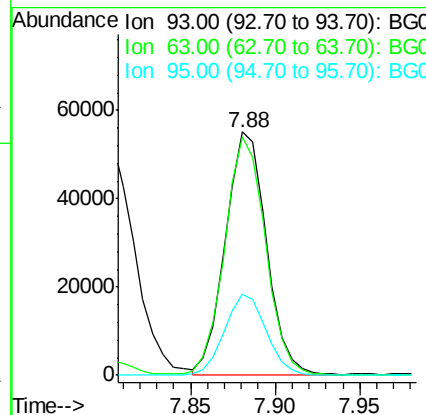
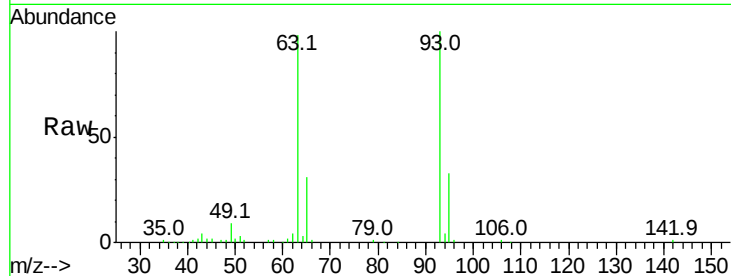
ClientSampleId :

PB100228BS

Tot Ion:	93	Resp:	92593
Ion	Ratio	Lower	Upper
93	100		
63	98.1	78.5	118.5
95	33.1	9.8	49.8

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#12

1,3-Dichlorobenzene

Concen: 40.13 ng

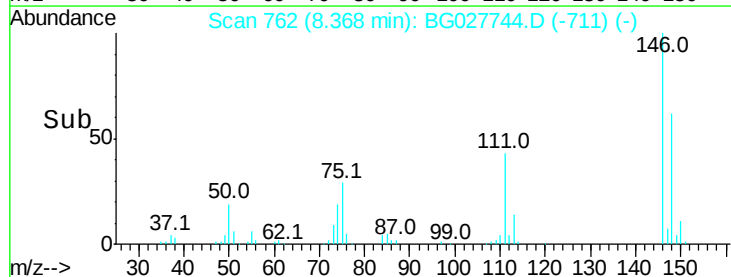
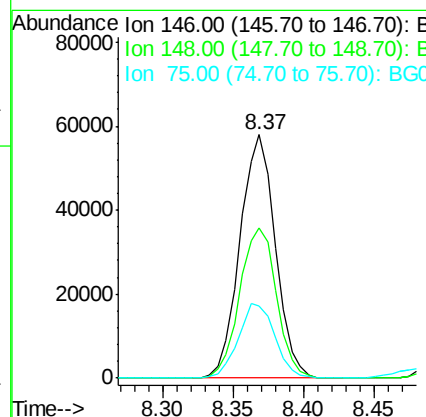
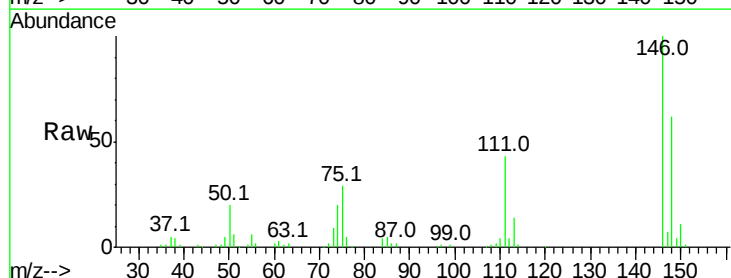
RT: 8.37 min Scan# 762

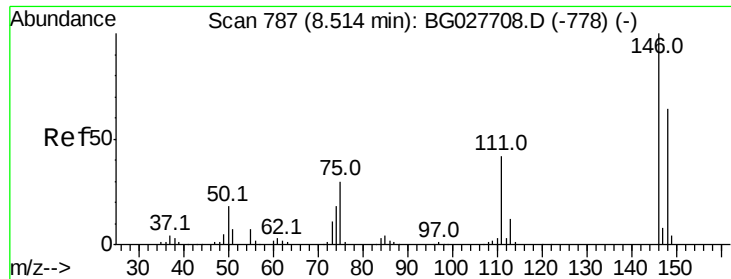
Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion:	146	Resp:	101686
Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.2	73.8
75	29.4	33.4	50.2#





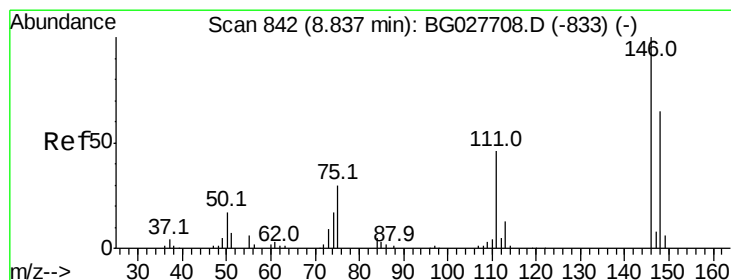
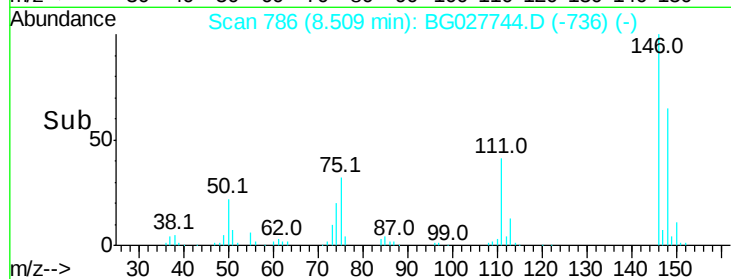
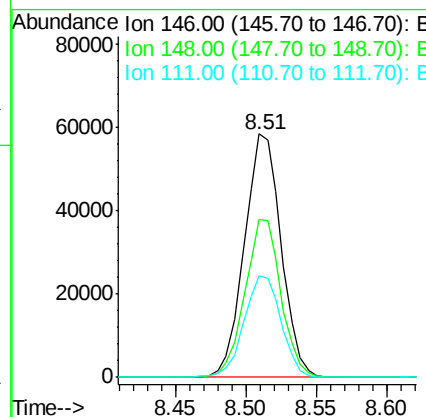
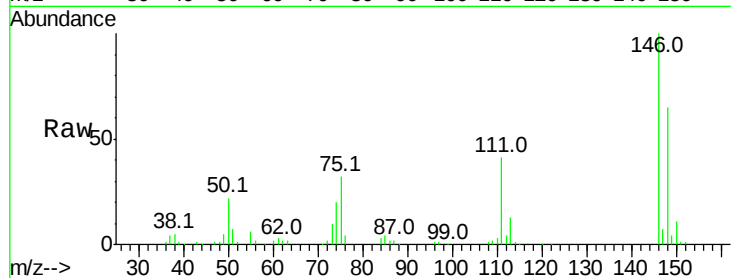
#13
 1,4-Dichlorobenzene
 Concen: 40.35 ng
 RT: 8.51 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	41.5	37.0	55.6

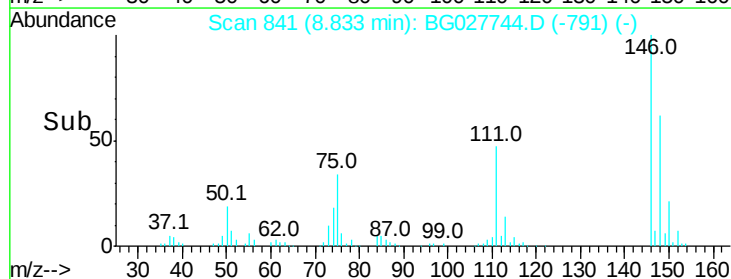
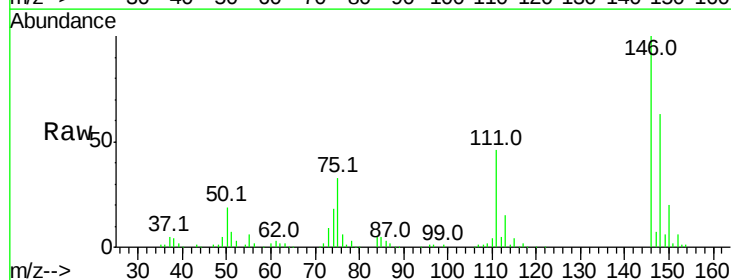
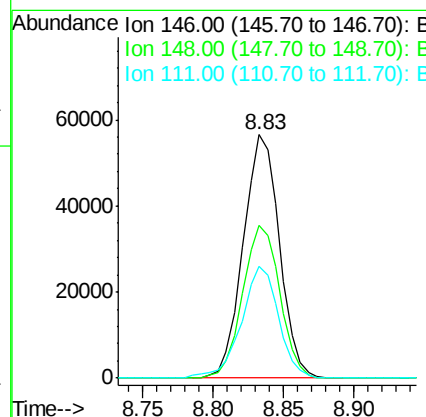
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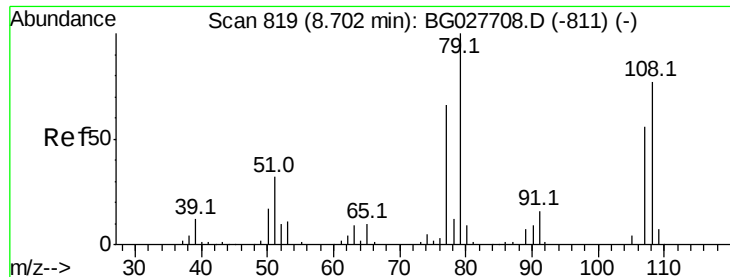
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.90 ng
 RT: 8.83 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	54.6	81.8
111	46.1	39.7	59.5





#15

Benzyl Alcohol

Concen: 38.62 ng

RT: 8.70 min Scan# 819

Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

ClientSampleId :

PB100228BS

Tot Ion: 79 Resp: 86994

Ion Ratio Lower Upper

79 100

108 79.1 45.5 68.3#

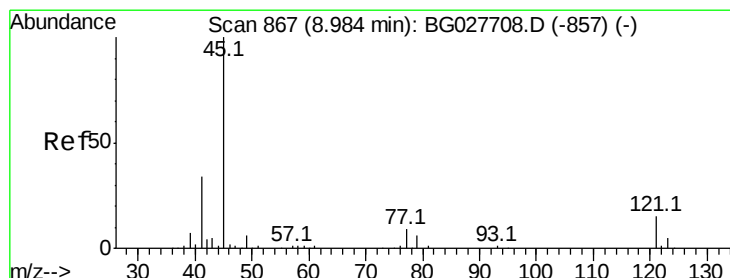
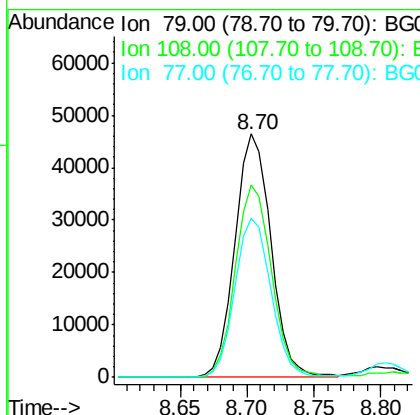
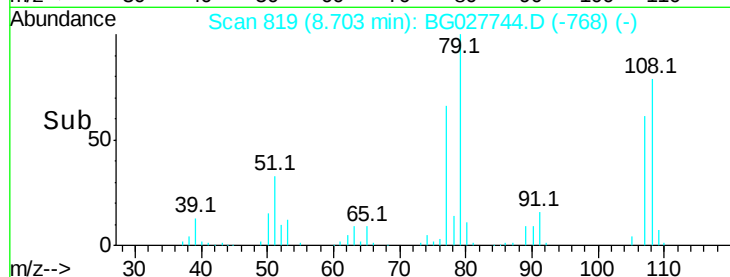
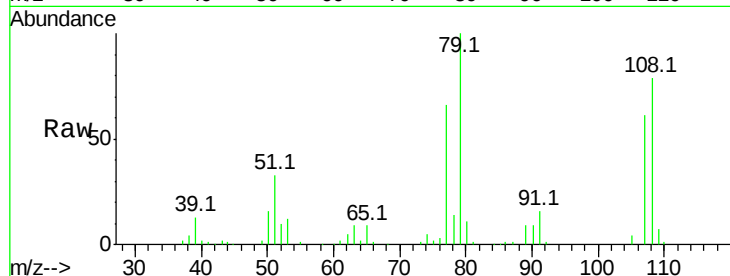
77 65.5 54.3 81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.15 ng

RT: 8.99 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

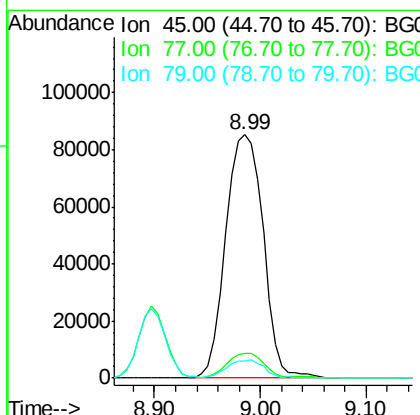
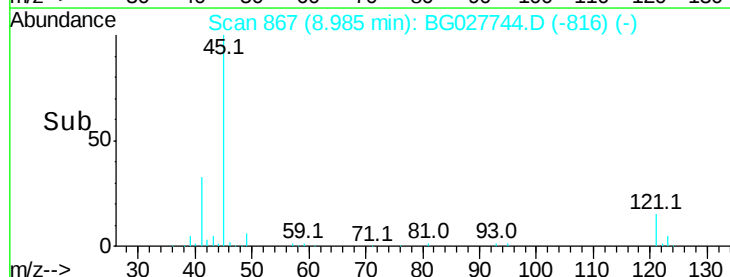
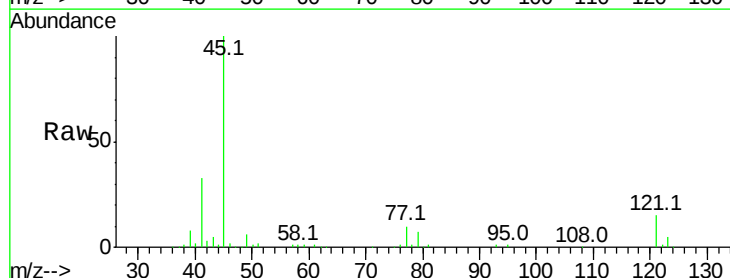
Tgt Ion: 45 Resp: 209609

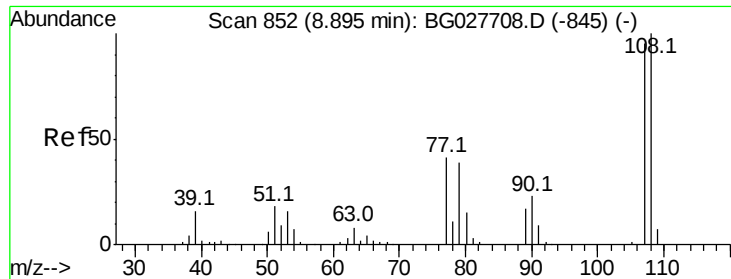
Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.6

79 7.0 0.0 28.5





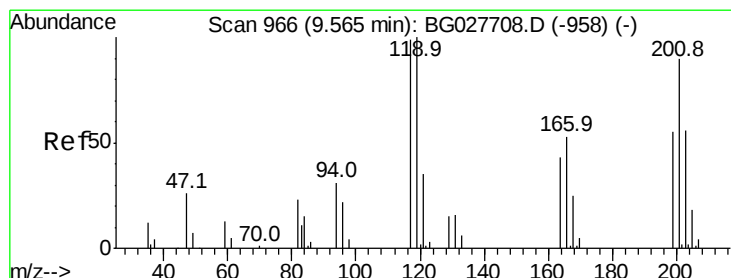
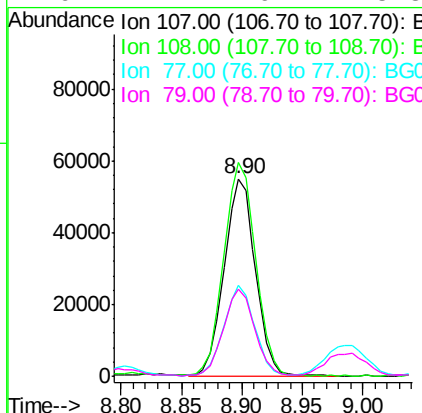
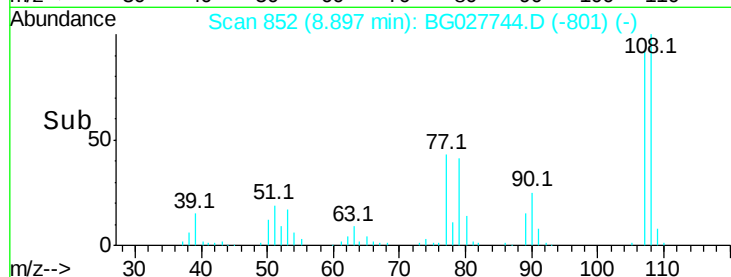
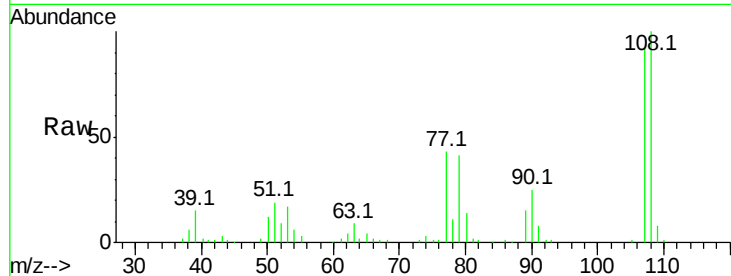
#17
2-Methylphenol
Concen: 43.35 ng
RT: 8.90 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.2	85.6	128.4
77	46.1	51.4	77.2#
79	44.2	49.2	73.8#

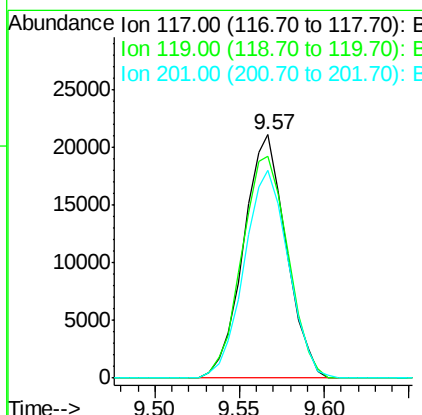
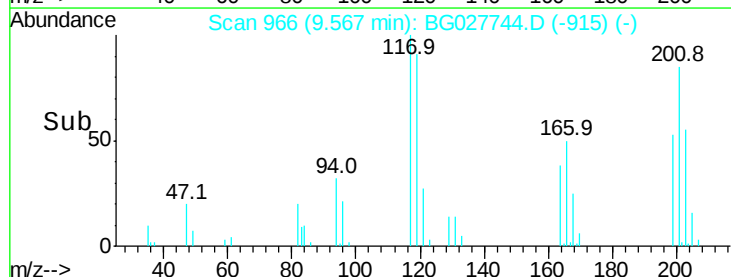
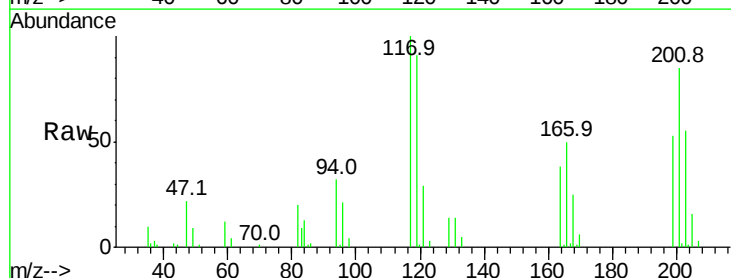
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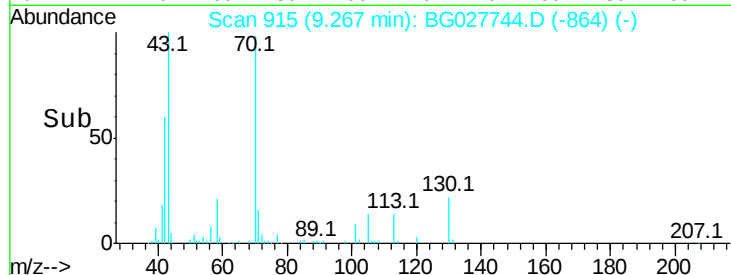
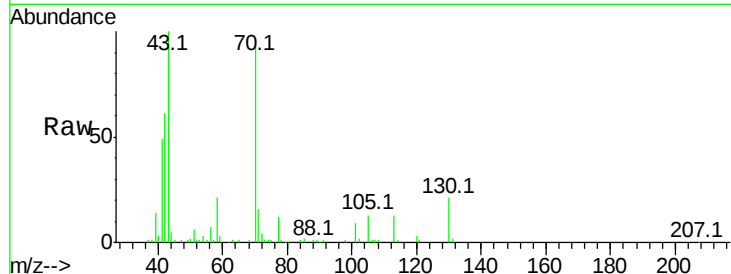
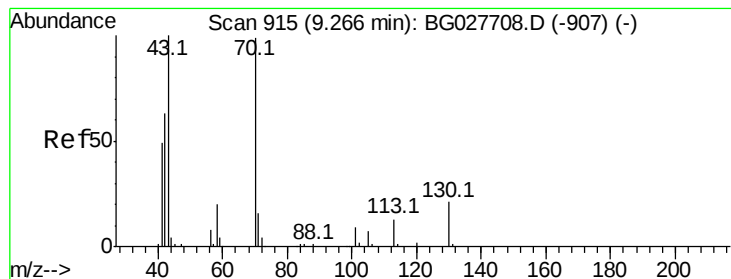
mohammad
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#18
Hexachloroethane
Concen: 40.04 ng
RT: 9.57 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	69.8	104.6
201	85.4	95.4	143.0#





#19

n-Nitroso-di-n-propylamine

Concen: 36.65 ng

RT: 9.27 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

ClientSampleId :

PB100228BS

Tot Ion: 70 Resp: 86835

Ion Ratio Lower Upper

70 100

42 65.8 56.1 84.1

101 9.3 7.5 11.3

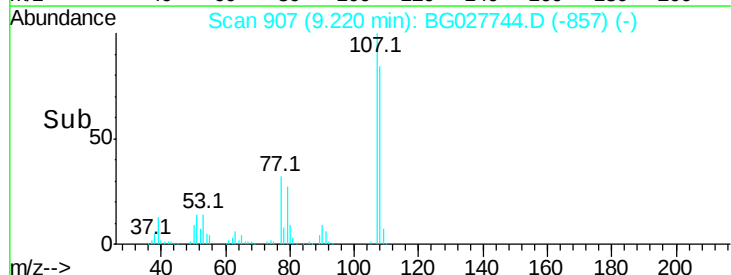
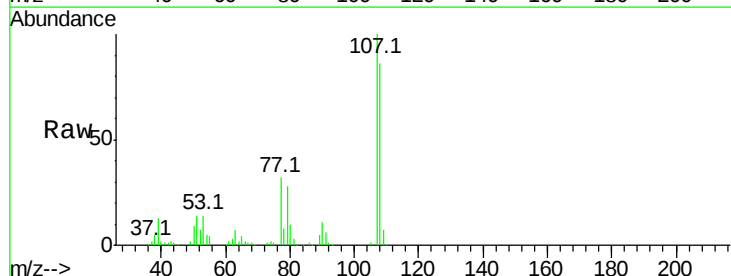
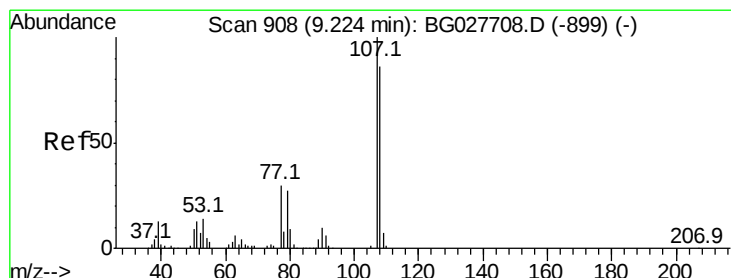
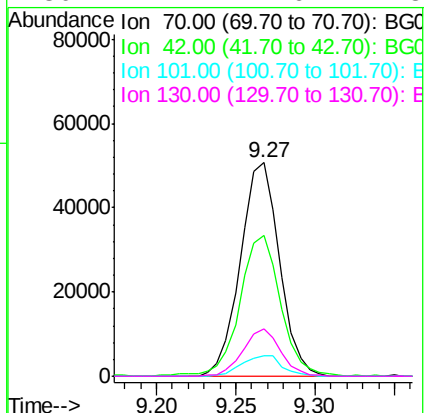
130 22.2 14.6 21.8#

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#20

3+4-Methylphenols

Concen: 41.04 ng

RT: 9.22 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion: 107 Resp: 134901

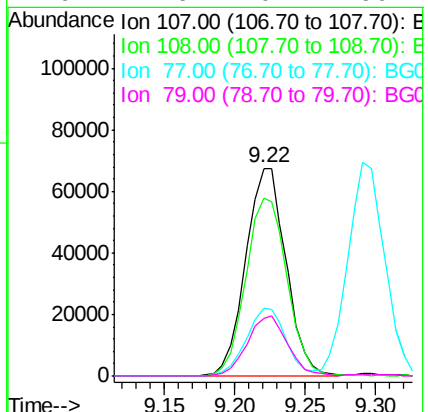
Ion Ratio Lower Upper

107 100

108 85.8 70.8 110.8

77 32.5 25.8 65.8

79 27.6 20.1 60.1





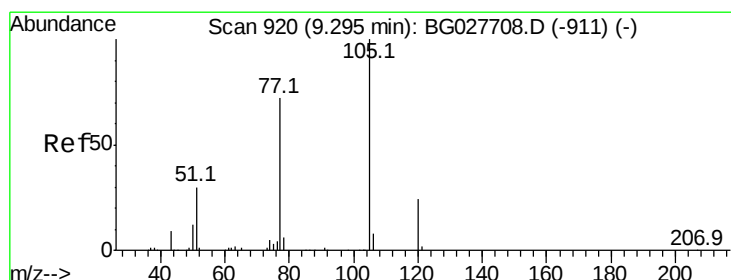
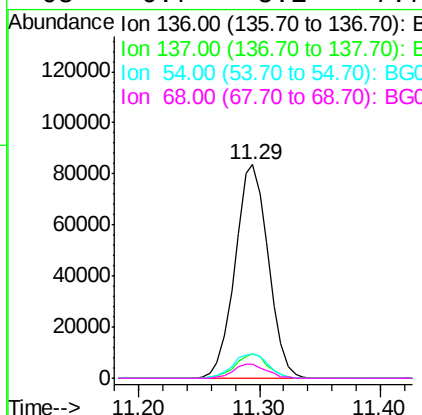
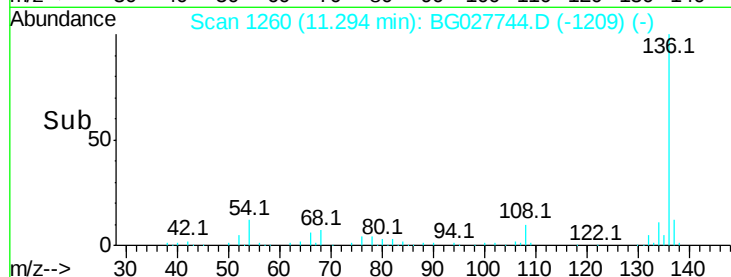
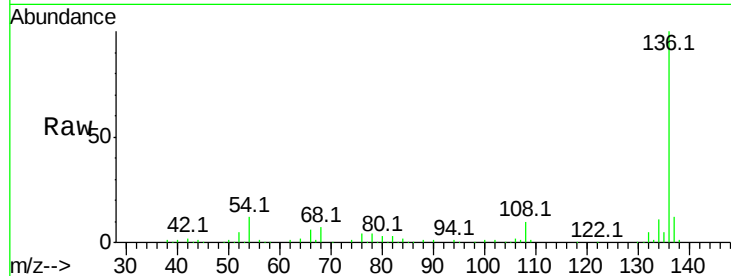
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.29 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	159714		
137	11.6		8.9	13.3
54	11.7		9.3	13.9
68	6.7		5.1	7.7

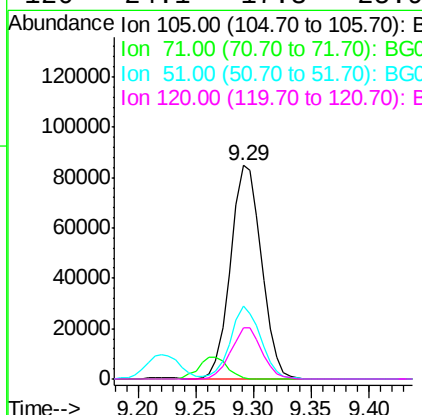
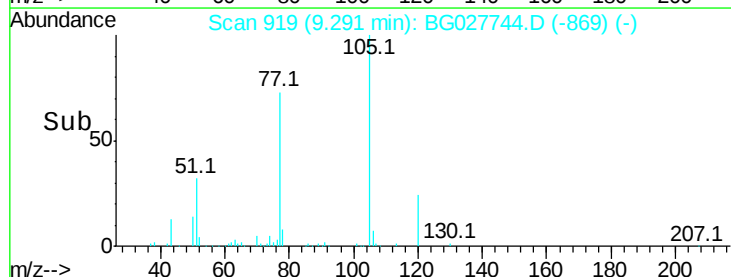
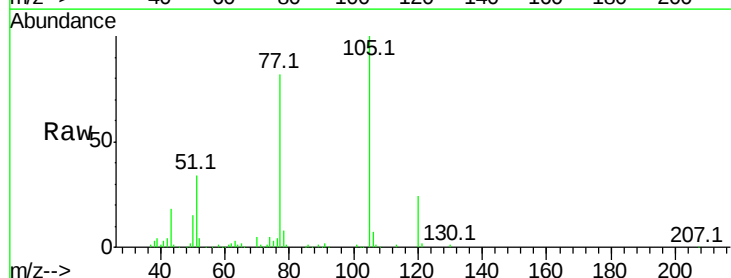
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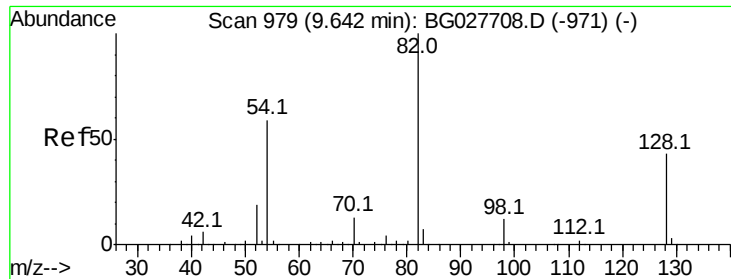
mohammad
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#22
Acetophenone
Concen: 40.88 ng
RT: 9.29 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	157564		
71	0.9		0.9	1.3
51	34.1		34.0	51.0
120	24.1		17.3	25.9





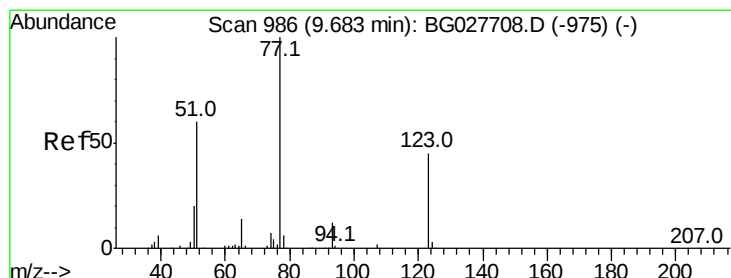
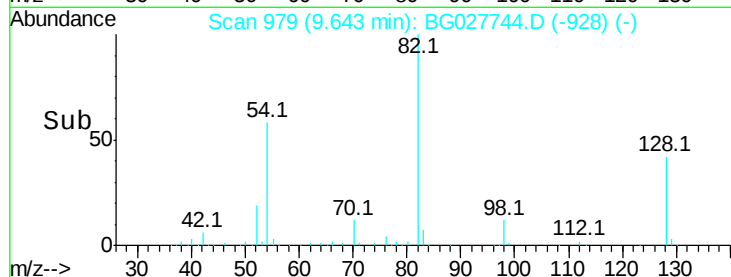
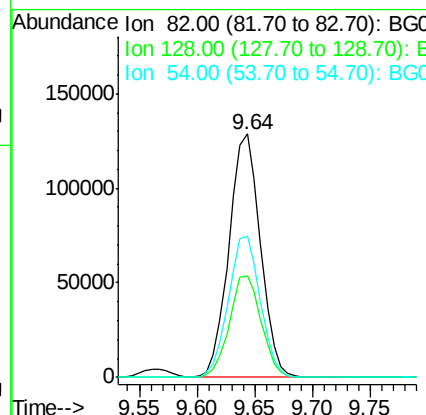
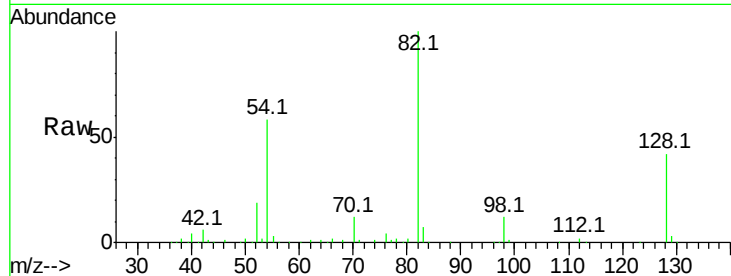
#23
 Nitrobenzene-d5
 Concen: 84.85 ng
 RT: 9.64 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	26.4	39.6#
54	58.0	49.4	74.2

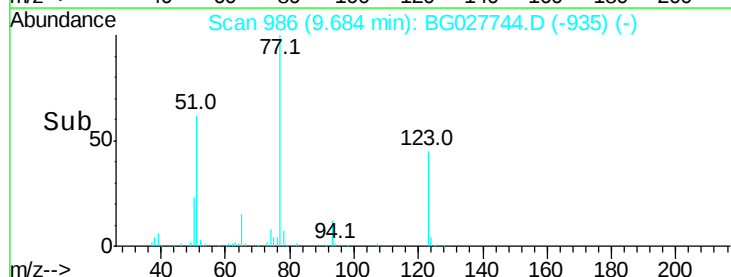
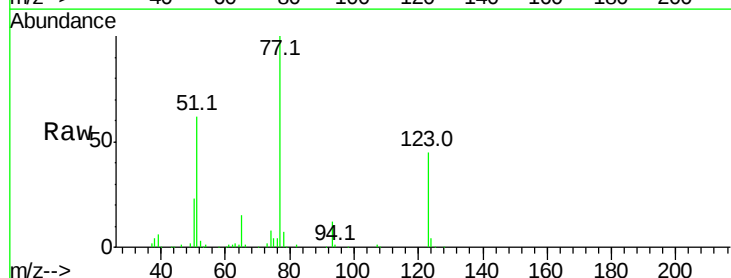
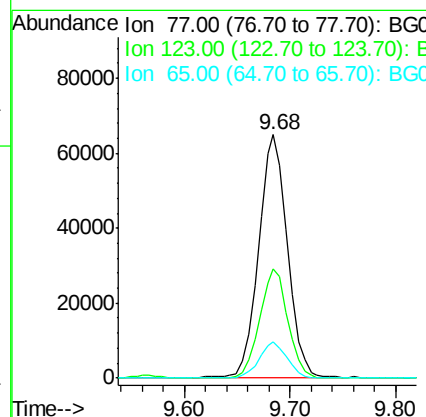
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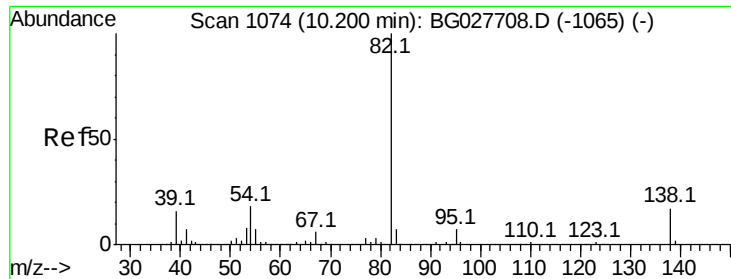
mohammad
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#24
 Nitrobenzene
 Concen: 41.09 ng
 RT: 9.68 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	26.1	39.1#
65	14.7	12.4	18.6





#25

Isophorone

Concen: 38.41 ng

RT: 10.20 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

ClientSampleId :

PB100228BS

Tot Ion: 82 Resp: 239872

Ion Ratio Lower Upper

82 100

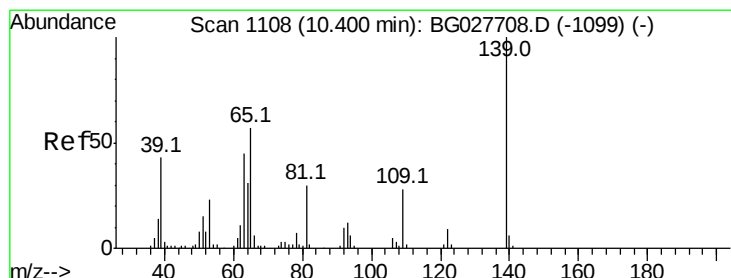
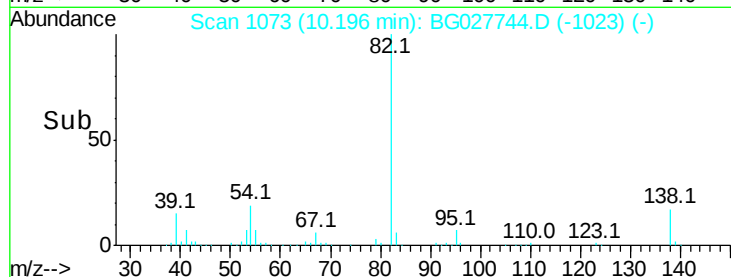
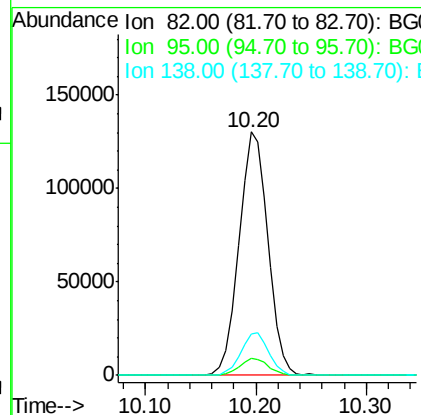
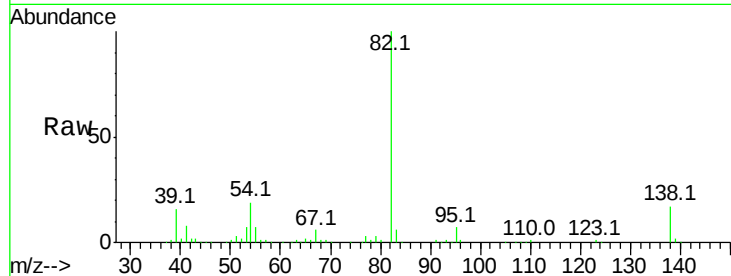
95 7.2 7.5 11.3#

138 16.8 12.3 18.5

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#26

2-Nitrophenol

Concen: 42.57 ng

RT: 10.40 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

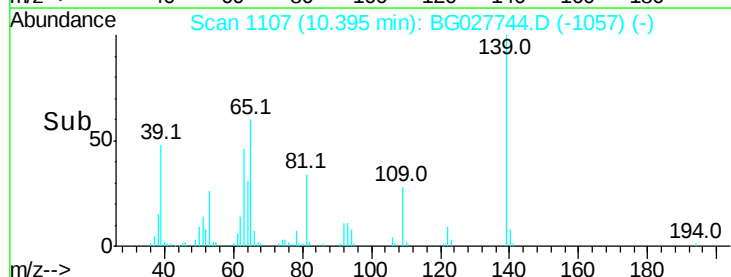
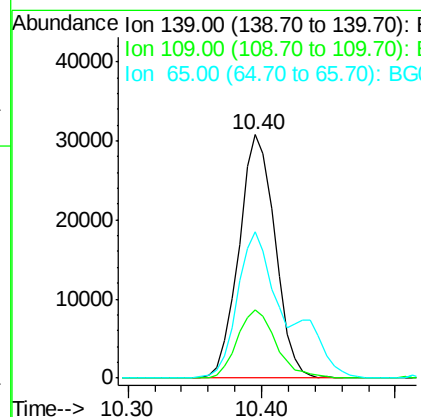
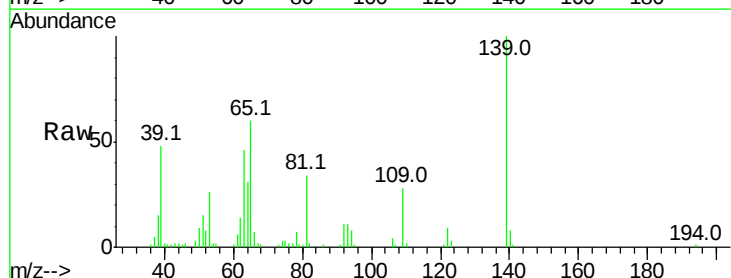
Tgt Ion: 139 Resp: 57605

Ion Ratio Lower Upper

139 100

109 27.9 38.6 58.0#

65 59.9 57.1 85.7





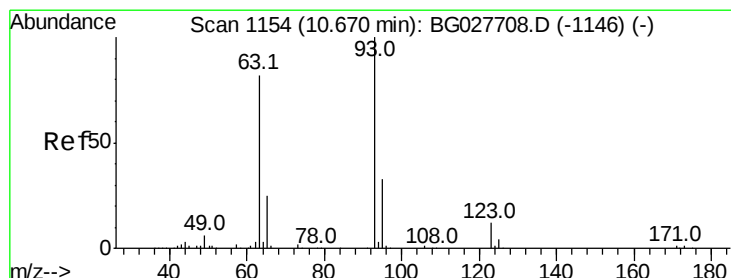
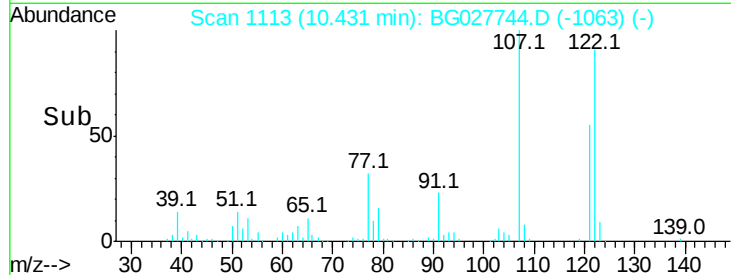
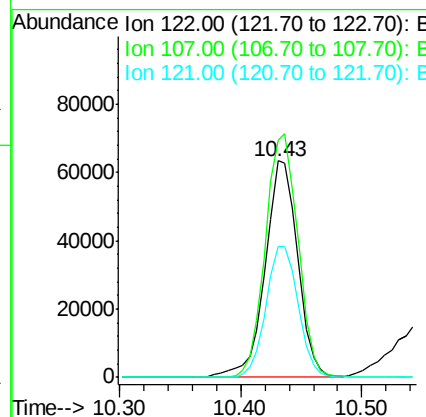
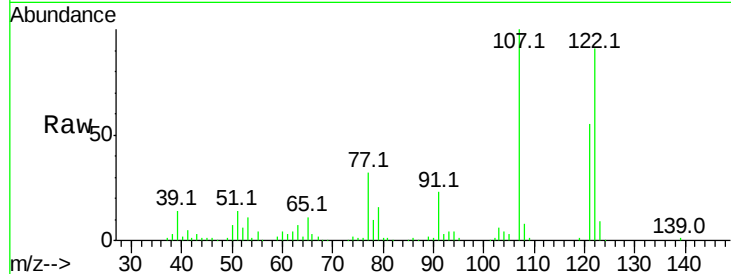
#27
 2,4-Dimethylphenol
 Concen: 46.58 ng
 RT: 10.43 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	104.2	156.4
121	60.7	46.0	69.0

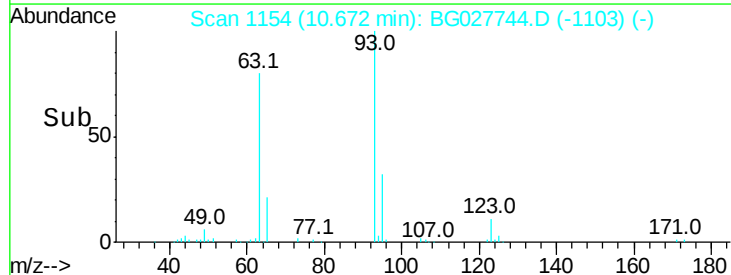
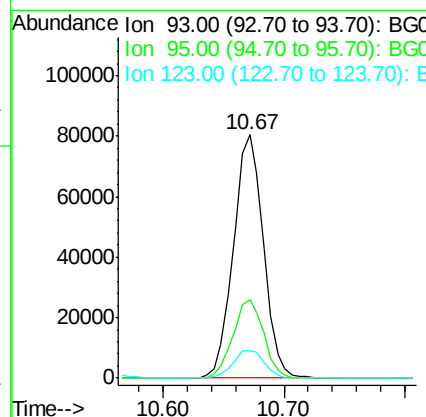
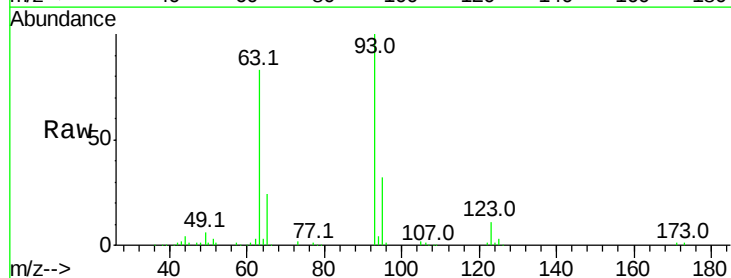
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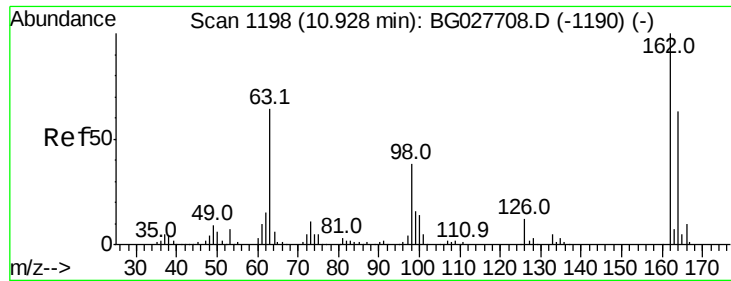
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.15 ng
 RT: 10.67 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.7	38.5
123	11.4	8.3	12.5





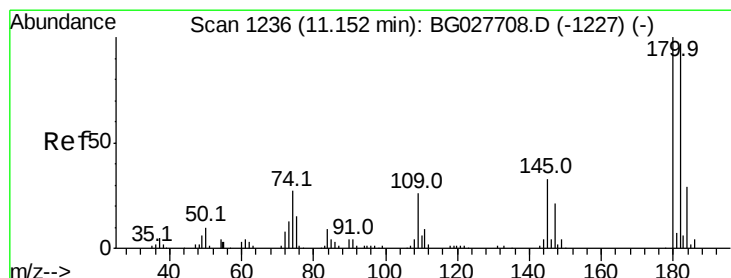
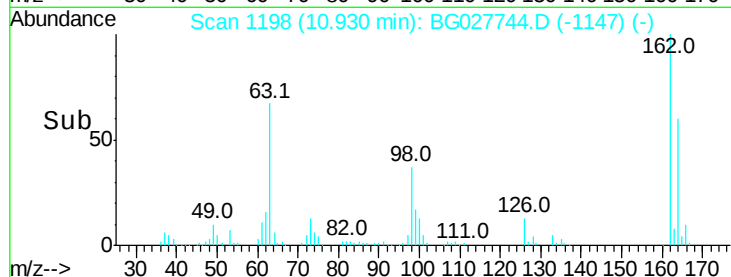
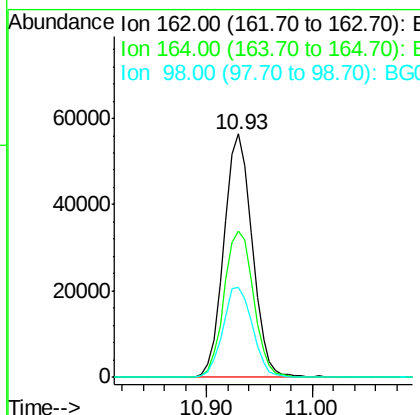
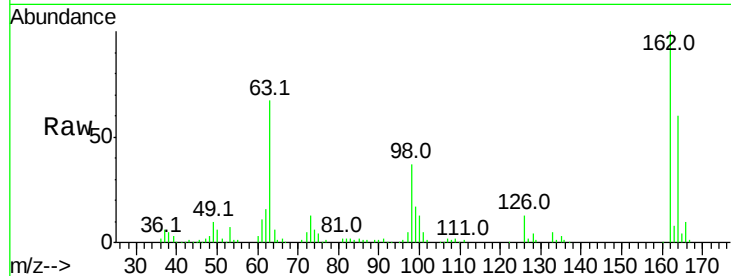
#29
 2,4-Dichlorophenol
 Concen: 47.12 ng
 RT: 10.93 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	60.0	42.4	82.4
98	36.9	20.3	60.3

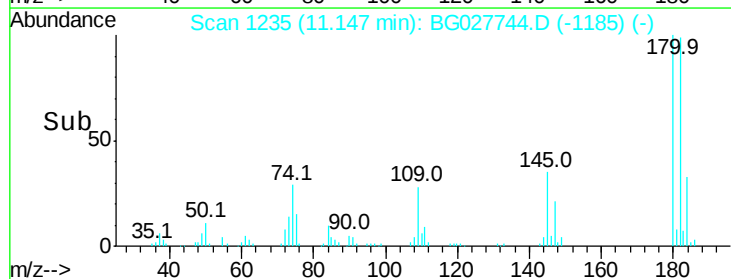
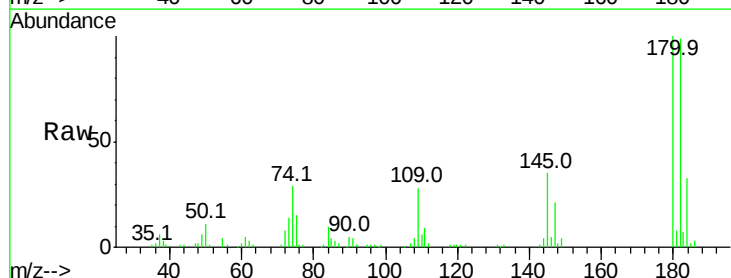
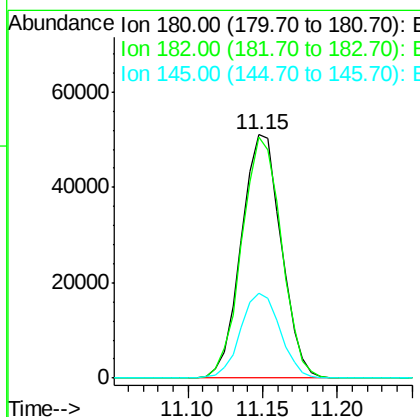
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.84 ng
 RT: 11.15 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.0	77.0	115.4
145	35.1	23.4	35.0#





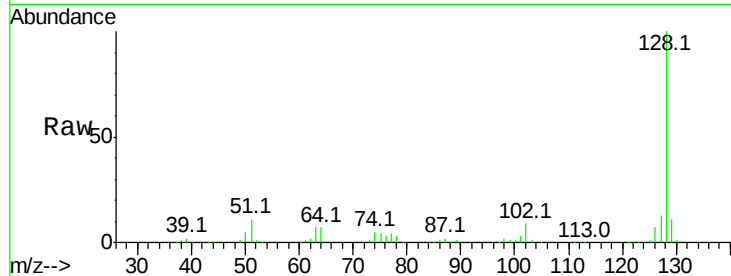
#31
Naphthalene
Concen: 40.44 ng
RT: 11.35 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	13.1	11.4	17.0

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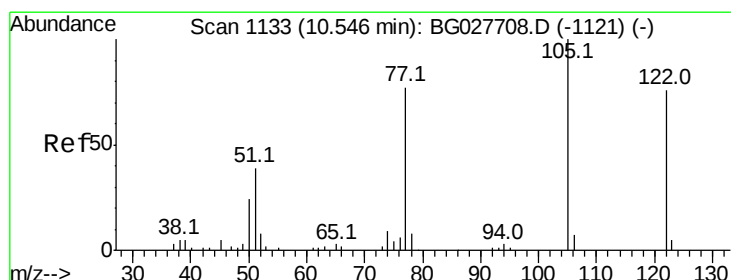
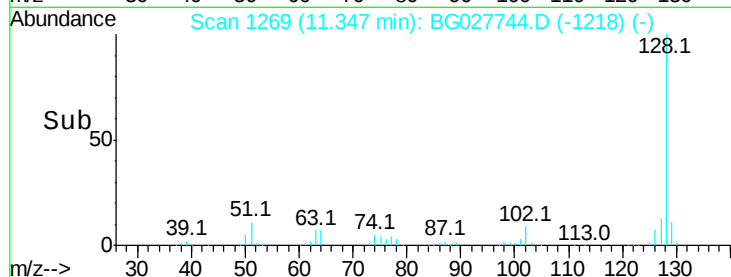
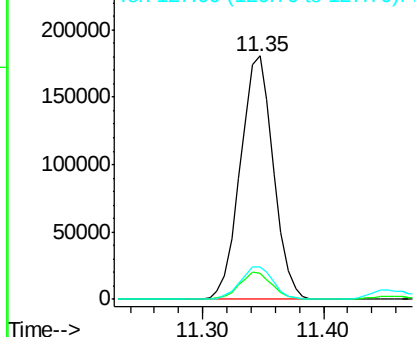


Abundance

Ion 128.00 (127.70 to 128.70): E

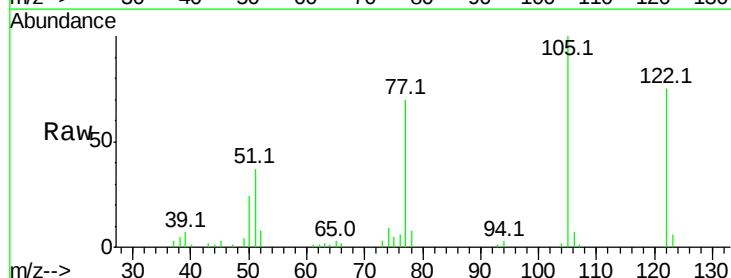
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.49 ng
RT: 10.55 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.0	120.1	160.1
77	93.4	104.6	144.6#

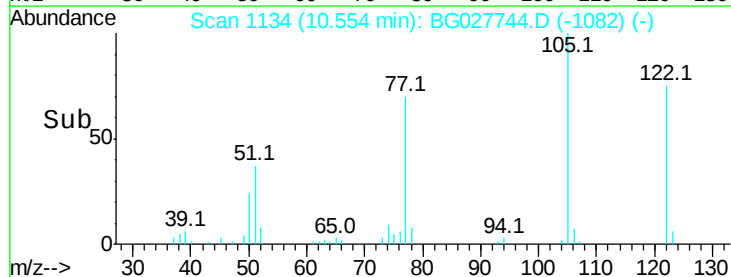
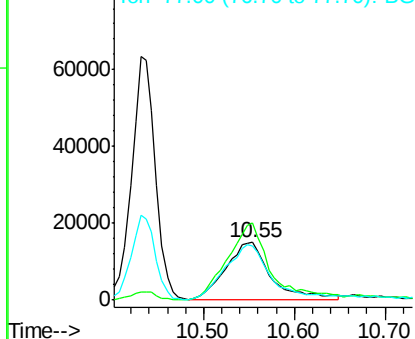


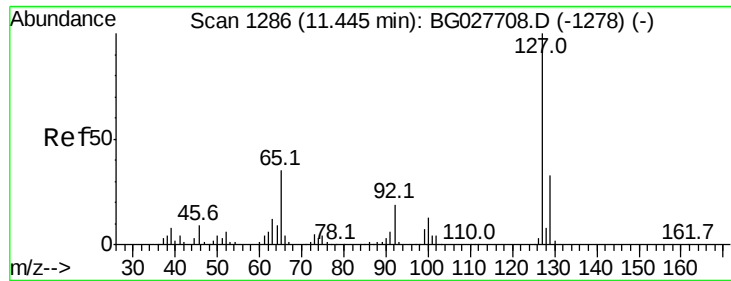
Abundance

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





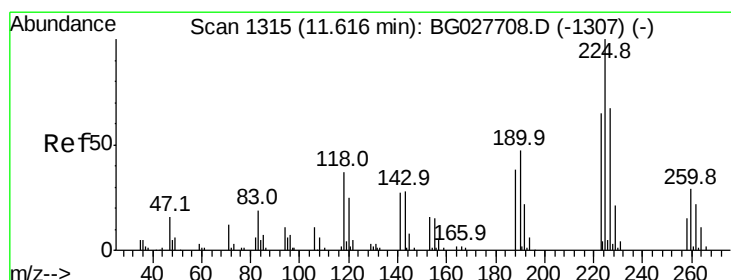
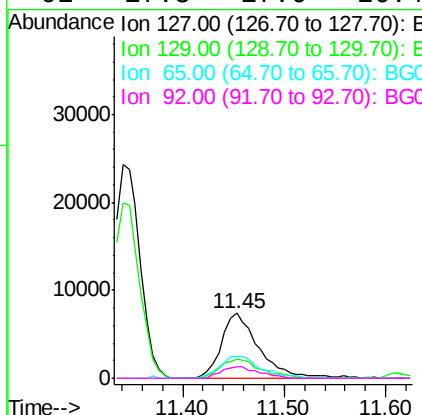
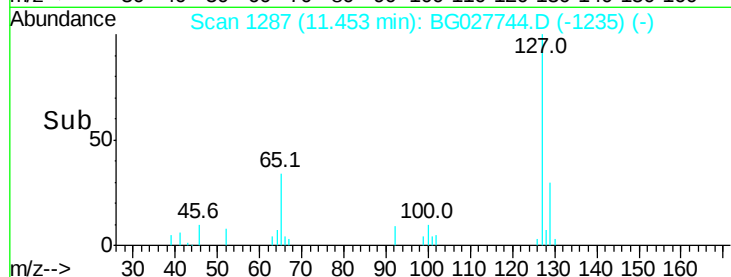
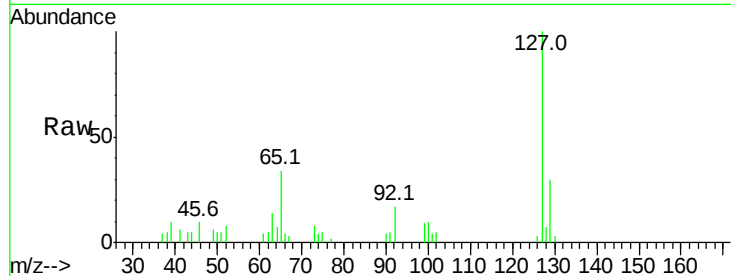
#33
4-Chloroaniline
Concen: 5.13 ng
RT: 11.45 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	23.6	35.4
65	33.8	37.7	56.5#
92	17.3	17.6	26.4#

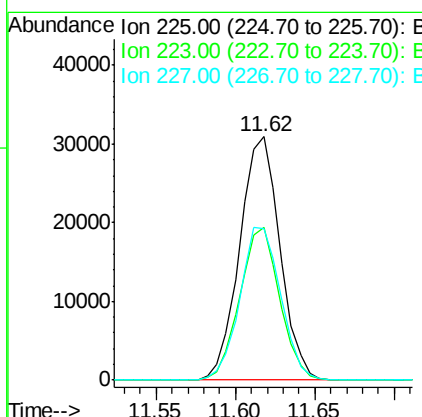
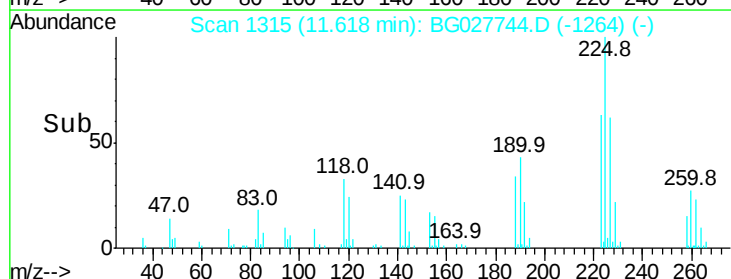
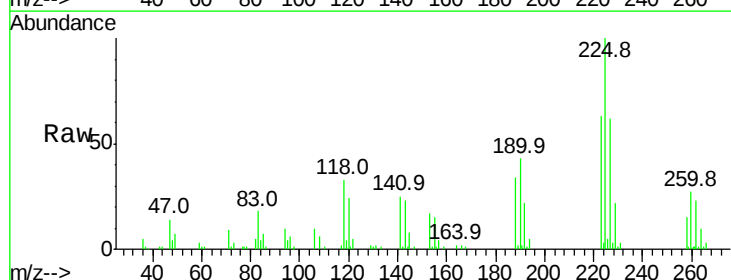
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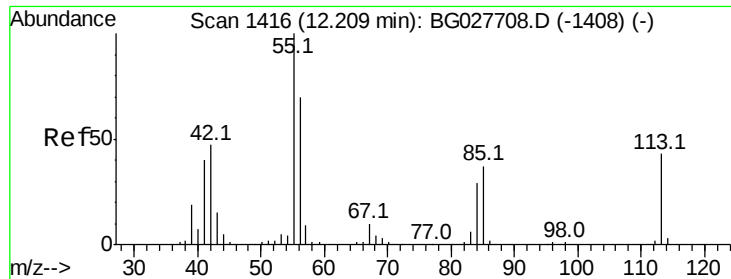
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#34
Hexachlorobutadiene
Concen: 43.11 ng
RT: 11.62 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.7	76.1
227	62.4	49.0	73.6





#35

Caprolactam

Concen: 40.93 ng/mL

RT: 12.21 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

ClientSampleId :

PB100228BS

Tot Ion:113 Resp: 45725

Ion Ratio Lower Upper

113 100

55 252.2 198.6 238.6#

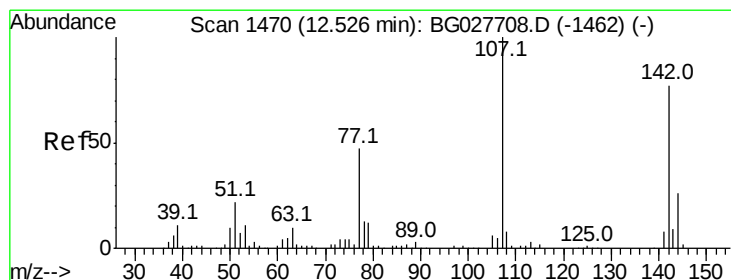
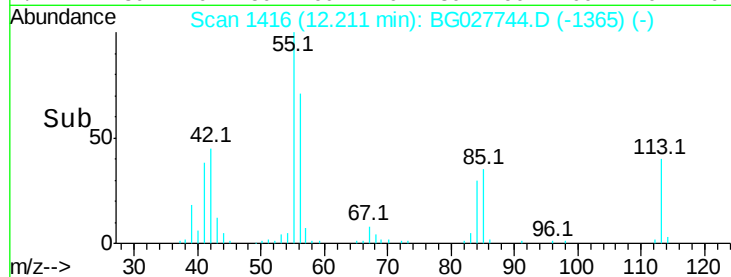
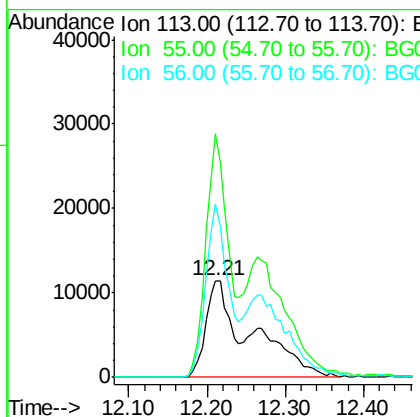
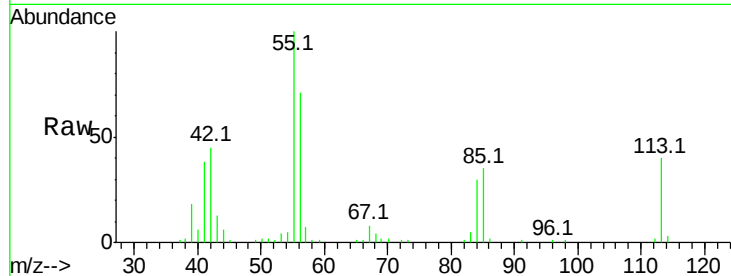
56 178.8 140.4 180.4

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#36

4-Chloro-3-methylphenol

Concen: 44.68 ng/mL

RT: 12.53 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

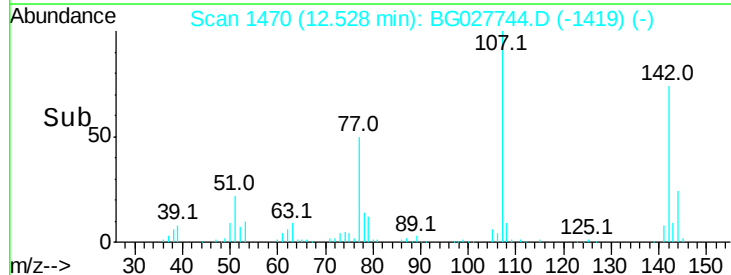
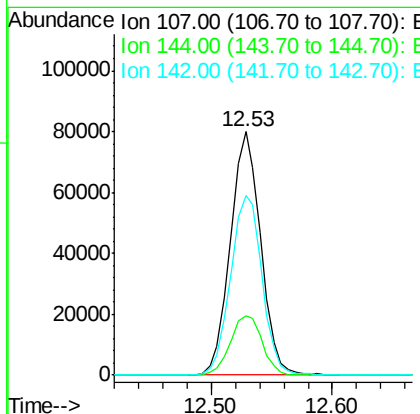
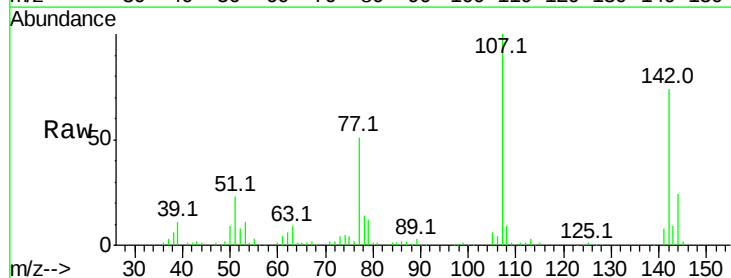
Tgt Ion:107 Resp: 139635

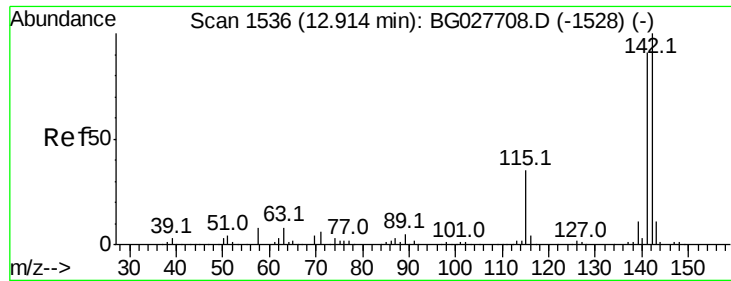
Ion Ratio Lower Upper

107 100

144 24.4 17.4 26.0

142 73.6 54.1 81.1





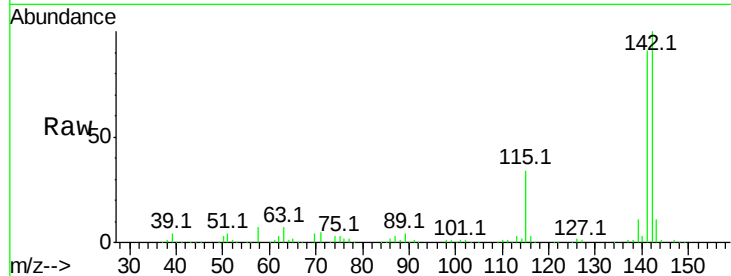
#37
2-Methylnaphthalene
Concen: 40.44 ng/ml
RT: 12.92 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

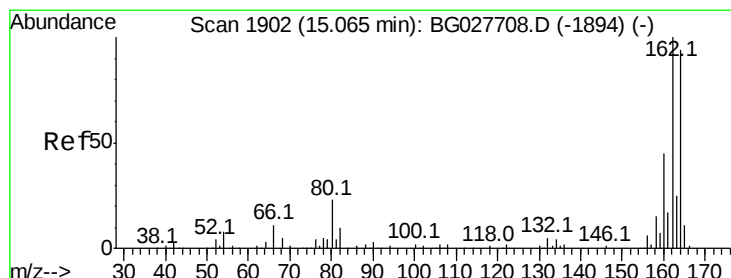
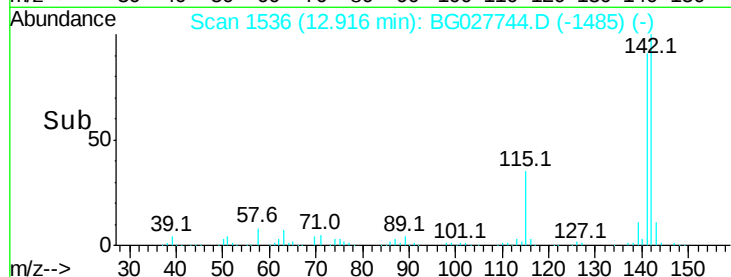
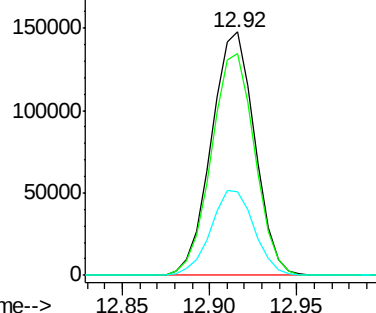
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.4	105.6
115	34.5	35.5	53.3

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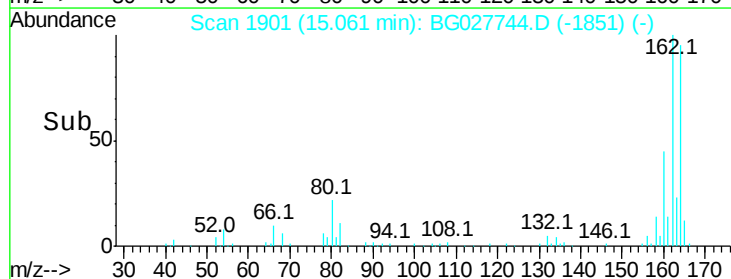
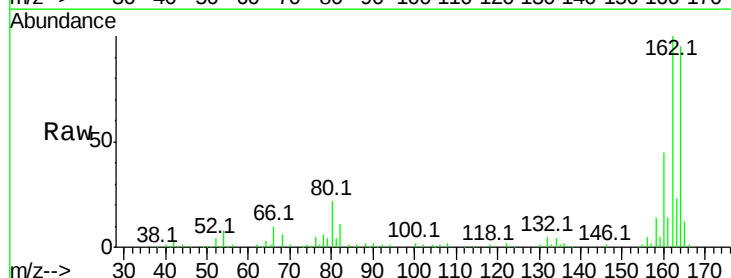
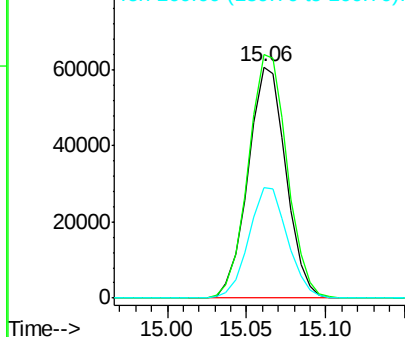
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

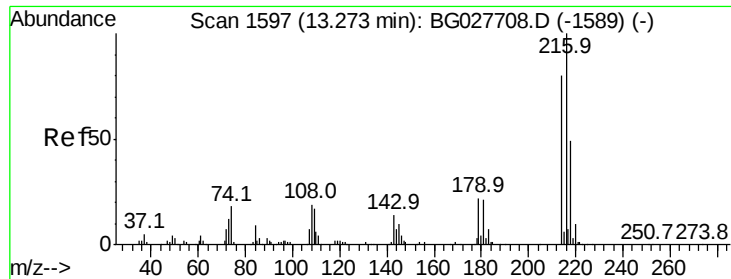


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.1	127.7
160	47.6	34.7	52.1

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





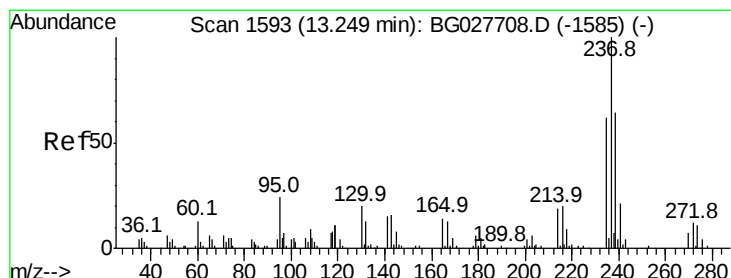
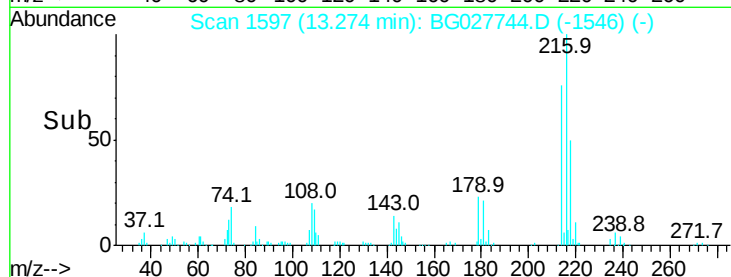
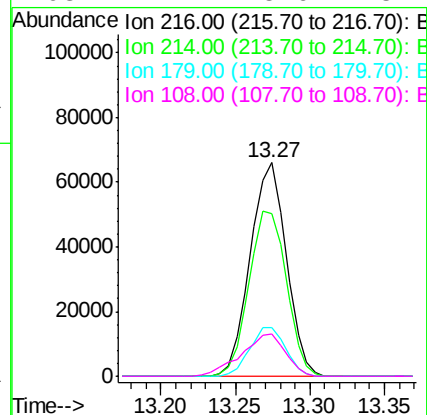
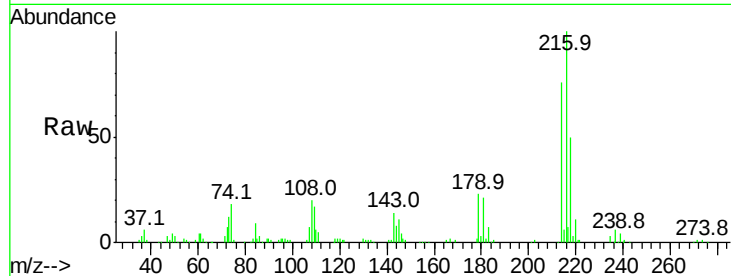
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.57 ng
 RT: 13.27 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.4	64.4	96.6
179	22.9	17.4	26.0
108	24.2	15.6	23.4

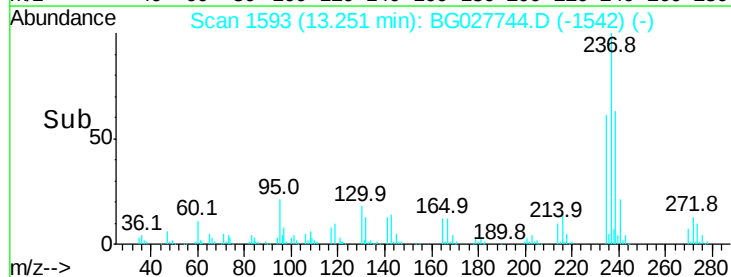
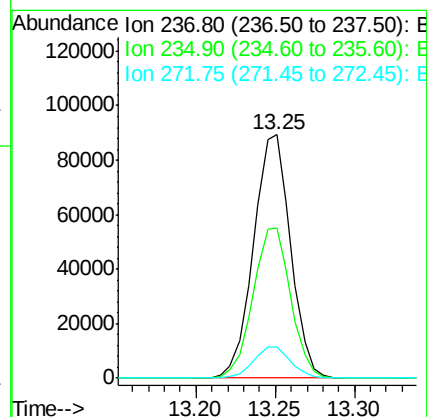
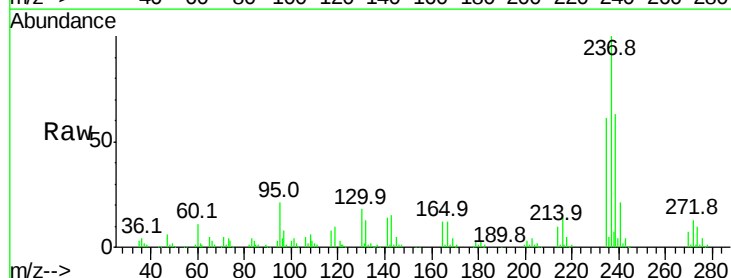
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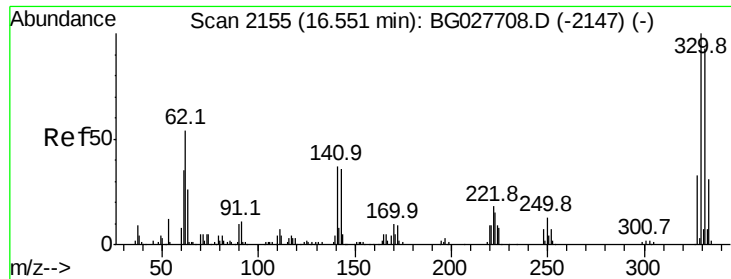
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#40
 Hexachlorocyclopentadiene
 Concen: 115.70 ng
 RT: 13.25 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.5	39.4	79.4
272	12.9	0.0	32.0





#41

2,4,6-Tribromophenol

Concen: 146.04 ng

RT: 16.55 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

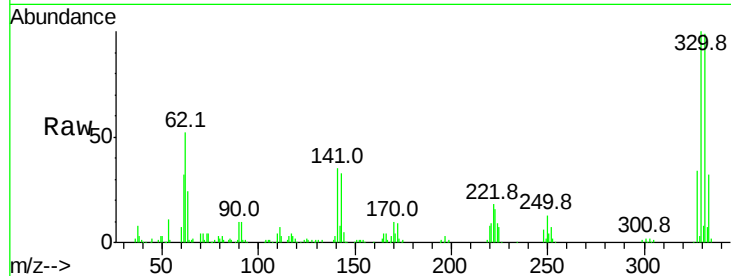
ClientSampleId :

PB100228BS

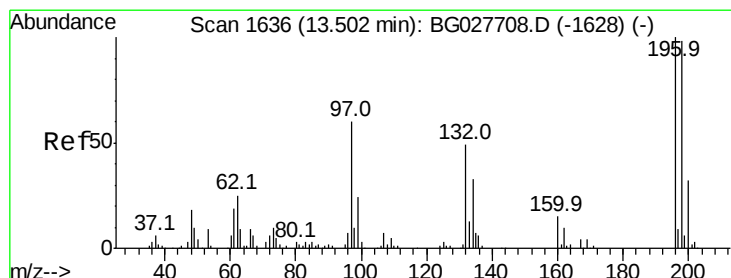
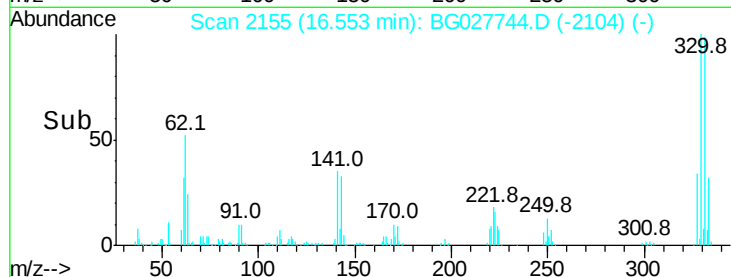
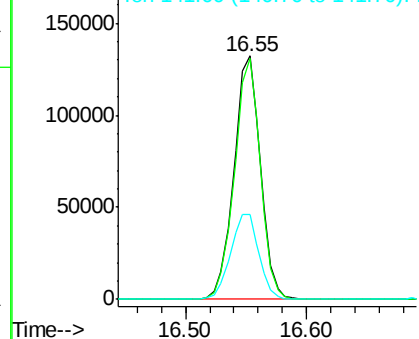
Tot Ion:	330	Resp:	201939
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.3	115.9
141	37.4	32.1	48.1

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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: 45.00 ng

RT: 13.50 min Scan# 1636

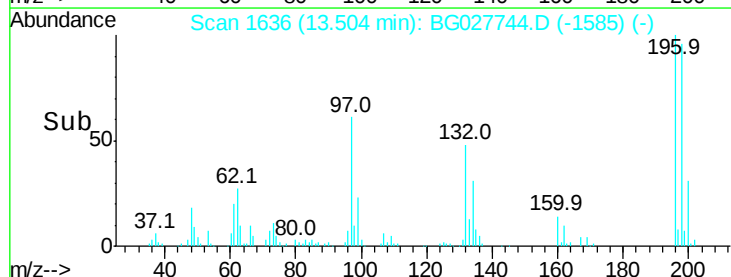
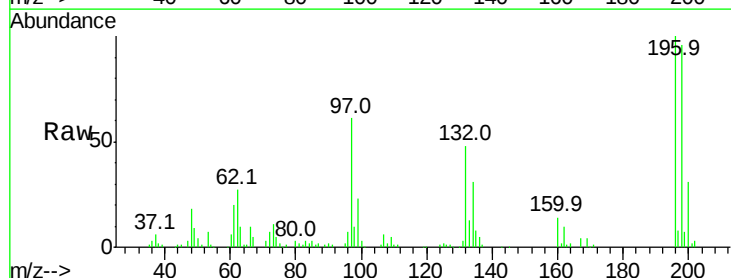
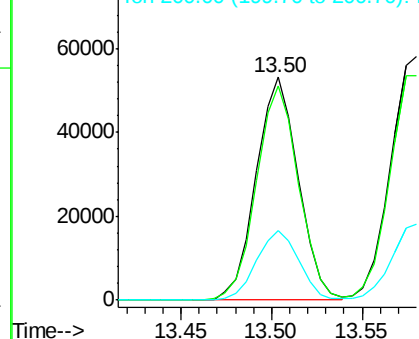
Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion:	196	Resp:	86094
Ion Ratio	Lower	Upper	
196	100		
198	95.9	81.4	122.2
200	30.9	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





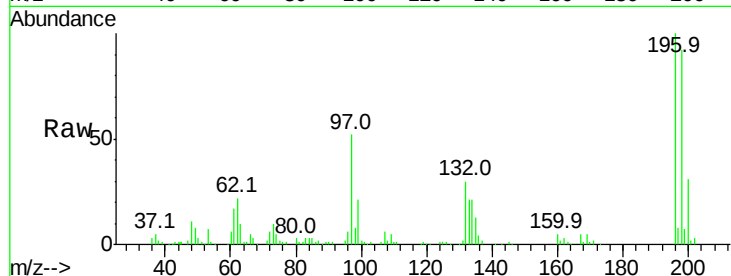
#43
 2,4,5-Trichlorophenol
 Concen: 45.67 ng
 RT: 13.58 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	196	Resp	99014
Ion	Ratio	Lower	Upper
196	100		
198	92.3	79.9	119.9
97	52.3	45.4	68.0
132	30.2	20.7	31.1

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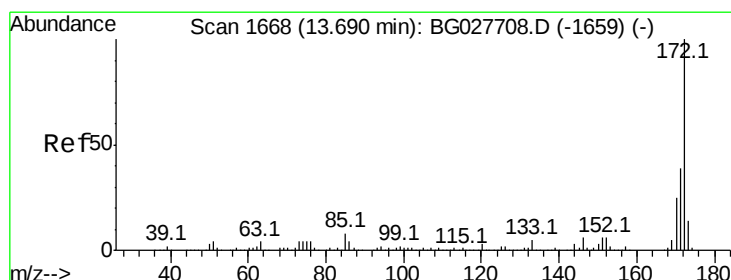
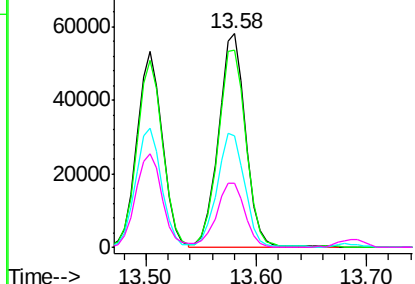
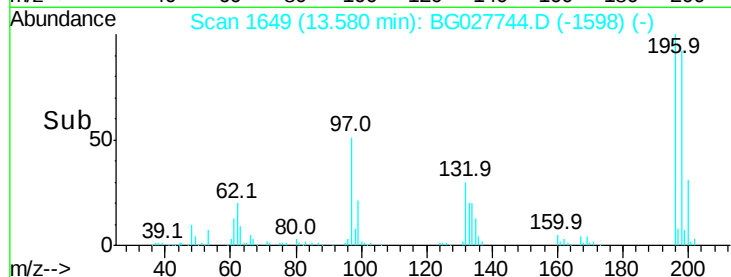
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

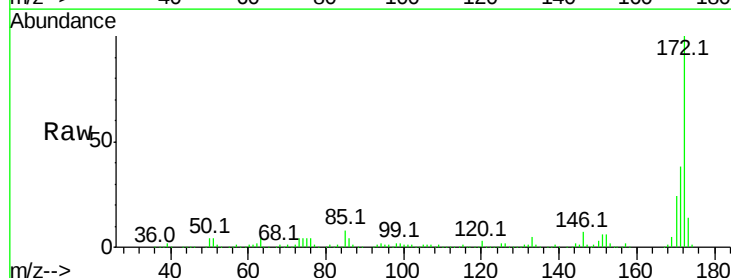
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.84 ng
 RT: 13.69 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	172	Resp	612960
Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.4	21.8	32.6

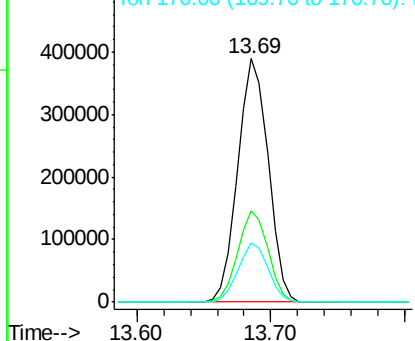
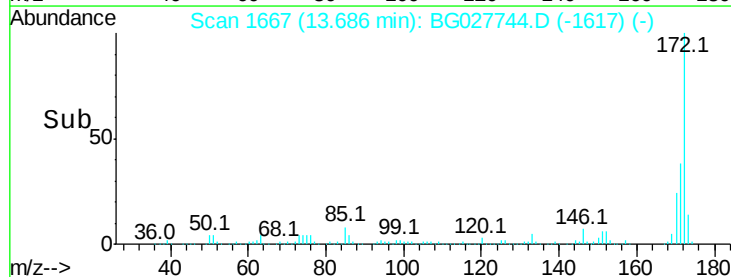


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.36 ng

RT: 13.90 min Scan# 1703

Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

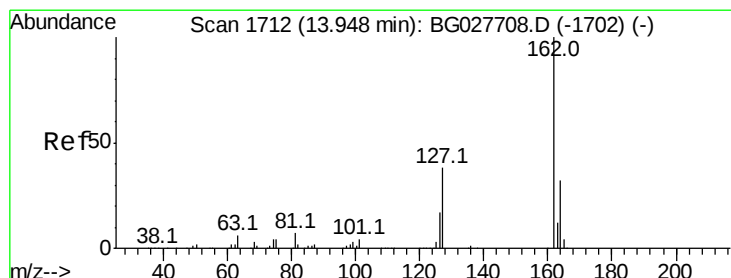
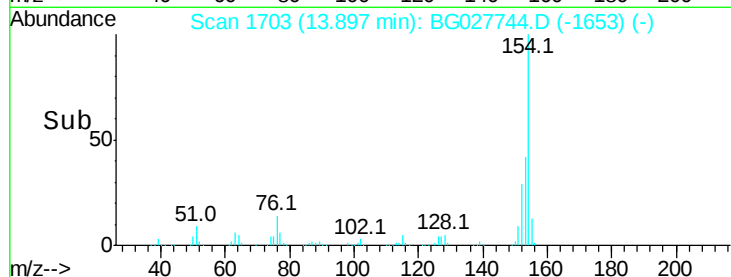
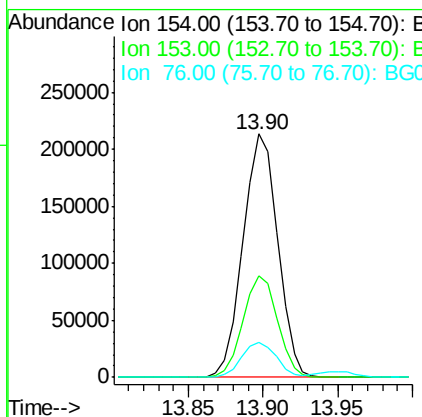
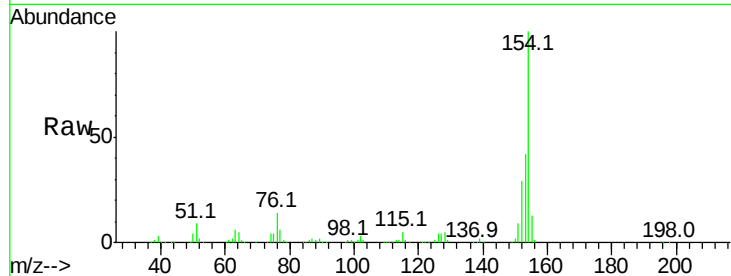
ClientSampled :

PB100228BS

Tot Ion:	154	Resp:	342281
Ion Ratio	Lower	Upper	
154	100		
153	41.9	23.0	63.0
76	14.3	0.0	33.5

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#46

2-Chloronaphthalene

Concen: 41.88 ng

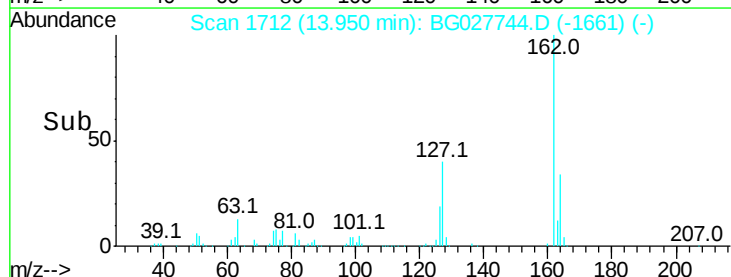
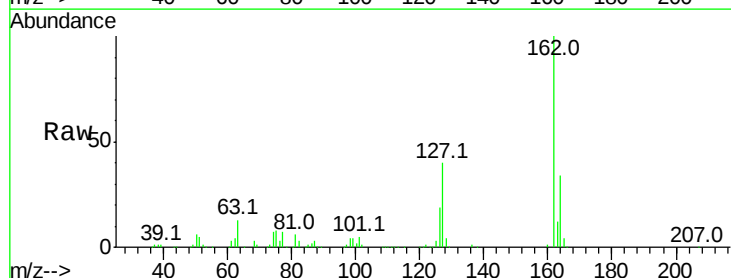
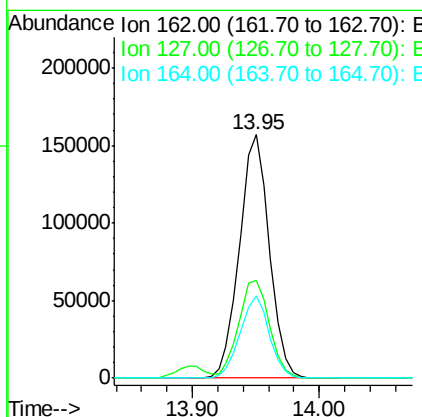
RT: 13.95 min Scan# 1712

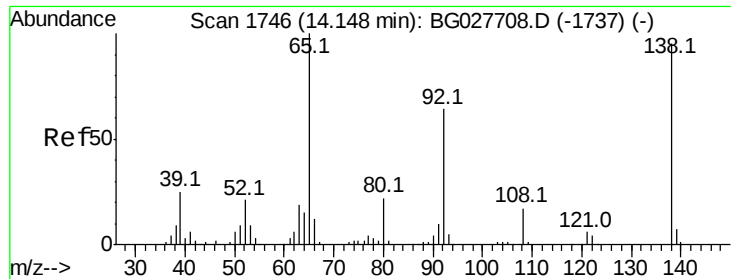
Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion:	162	Resp:	255644
Ion Ratio	Lower	Upper	
162	100		
127	40.0	32.2	48.4
164	33.6	27.3	40.9





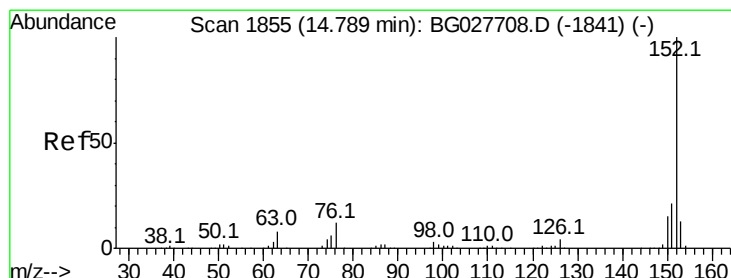
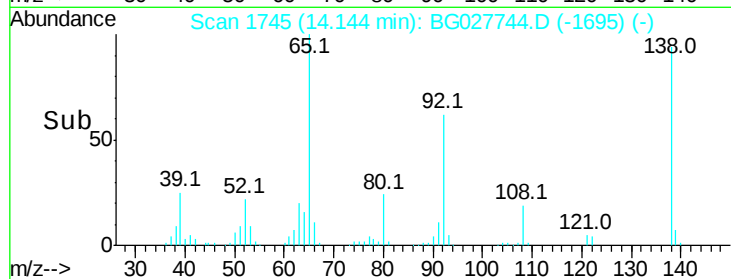
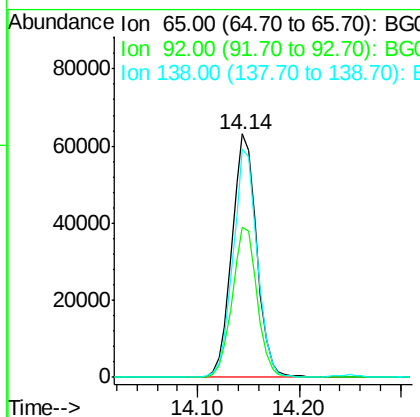
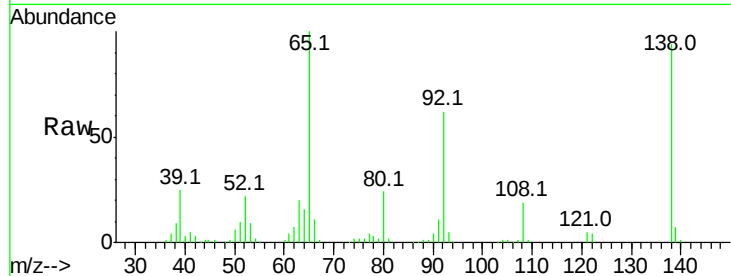
#47
2-Nitroaniline
Concen: 43.70 ng
RT: 14.14 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.9	49.0	73.4
138	93.8	58.6	87.8

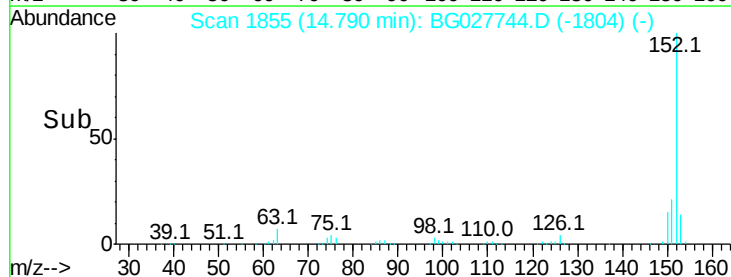
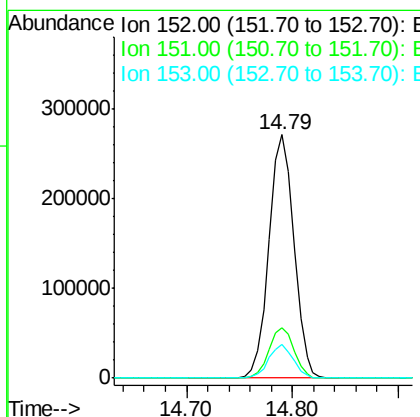
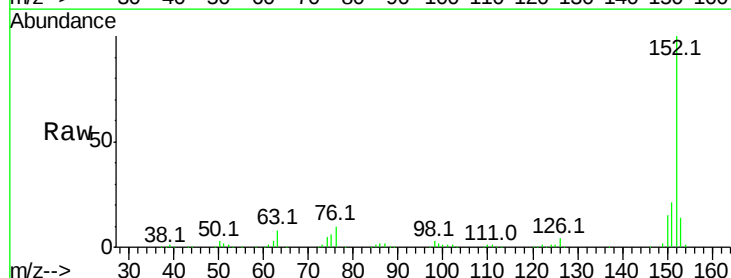
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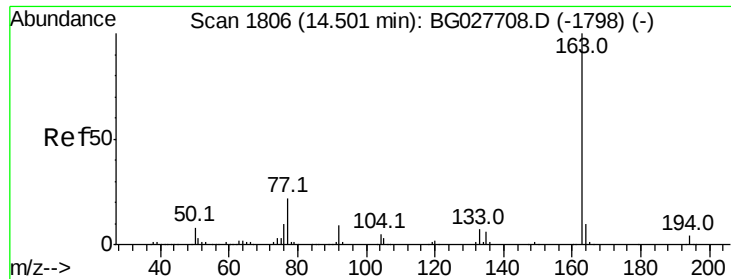
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#48
Acenaphthylene
Concen: 39.94 ng
RT: 14.79 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	18.2	27.2
153	13.7	11.3	16.9





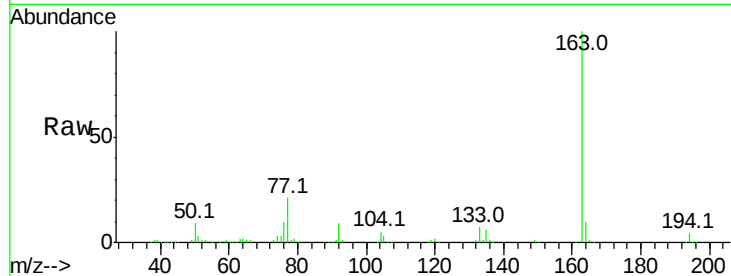
#49
Dimethylphthalate
Concen: 42.82 ng
RT: 14.50 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

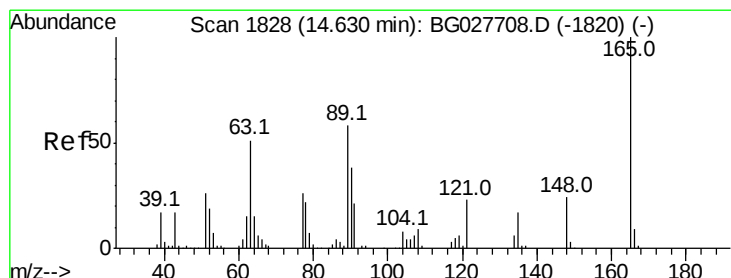
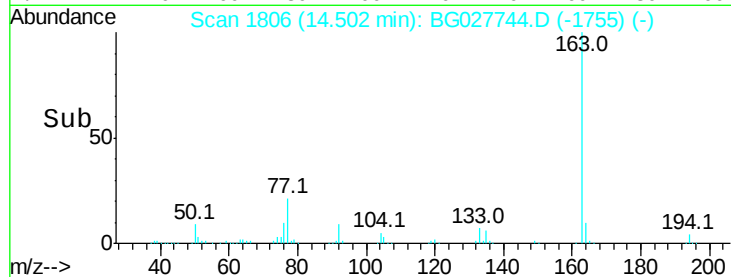
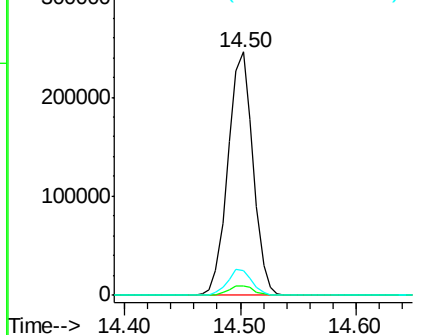
Tot Ion	Ratio	Resp	Lower	Upper
163	100	368204		
194	4.1		3.8	5.6
164	10.3		9.3	13.9

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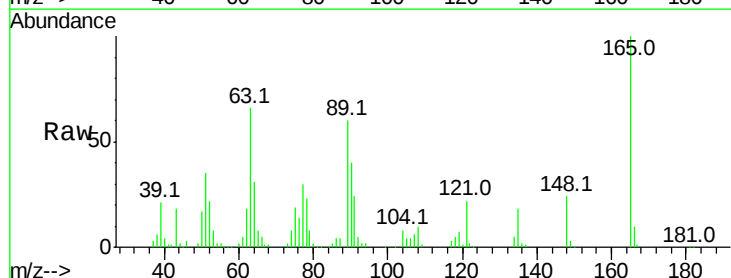


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

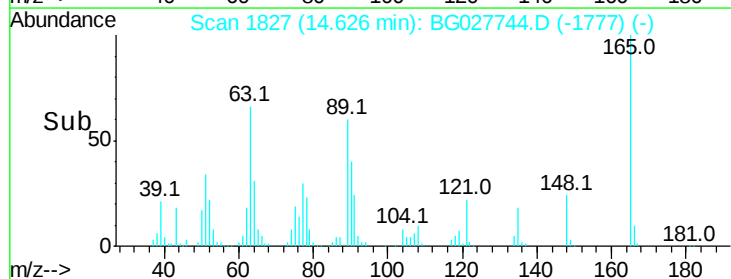
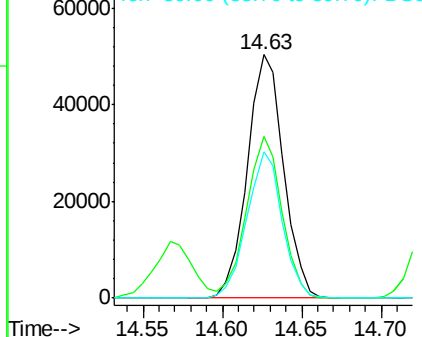


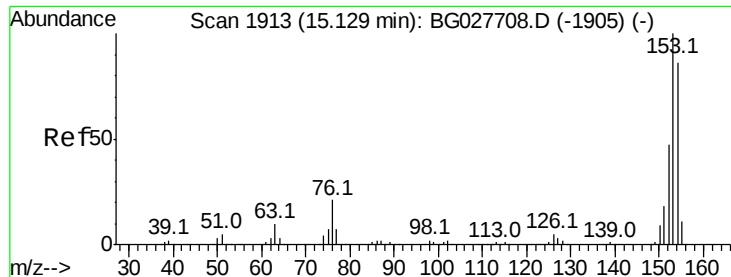
#50
2,6-Dinitrotoluene
Concen: 42.66 ng
RT: 14.63 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	79745		
63	66.4		63.9	95.9
89	59.9		58.6	88.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 39.22 ng

RT: 15.13 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

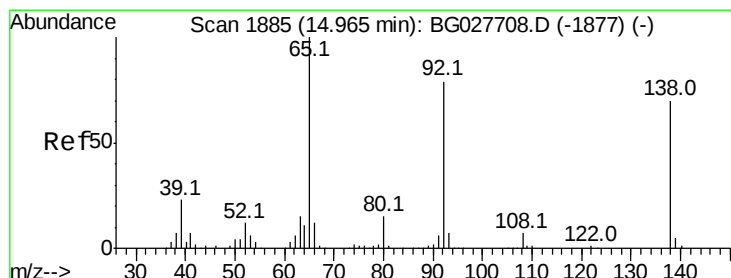
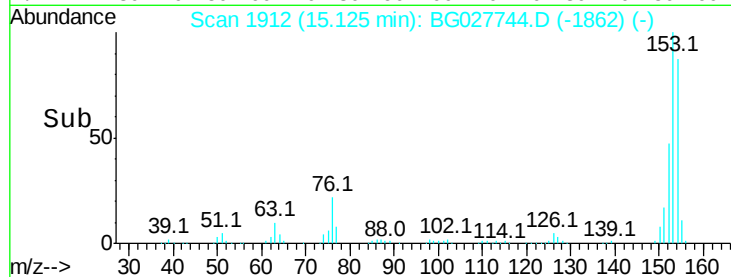
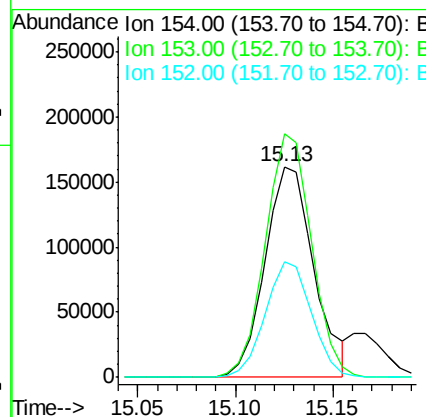
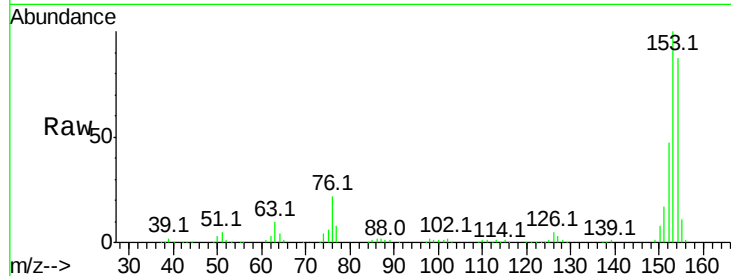
ClientSampleId :

PB100228BS

Tot Ion:	154	Resp:	280375
Ion Ratio	Lower	Upper	
154	100		
153	115.5	87.8	131.6
152	54.8	42.2	63.4

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#52

3-Nitroaniline

Concen: 19.71 ng

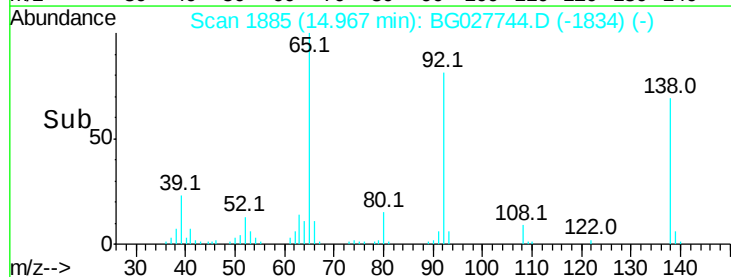
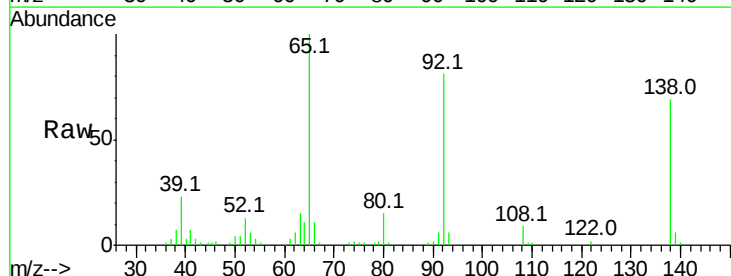
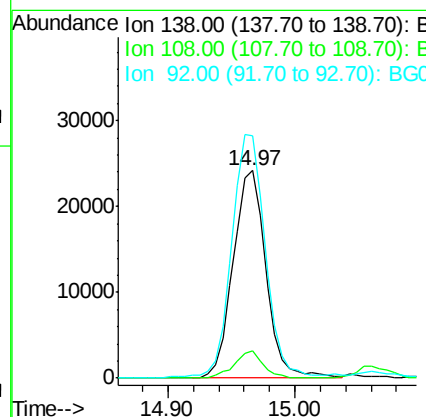
RT: 14.97 min Scan# 1885

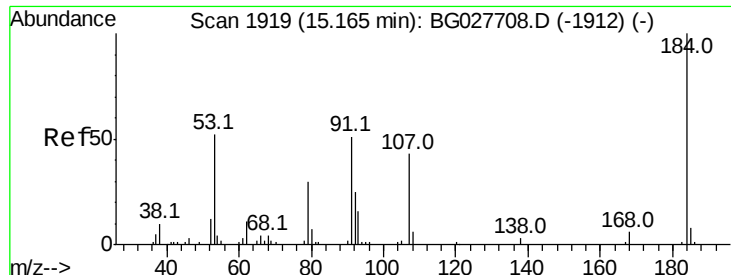
Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion:	138	Resp:	43357
Ion Ratio	Lower	Upper	
138	100		
108	13.0	10.9	16.3
92	116.7	115.3	172.9





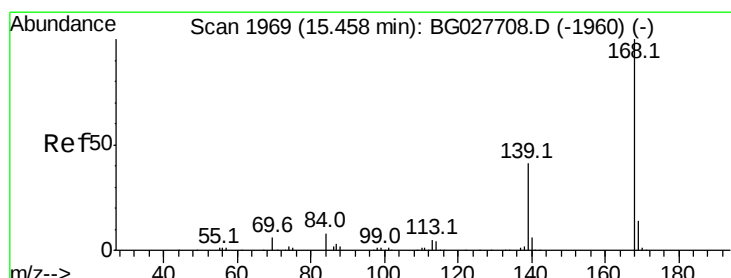
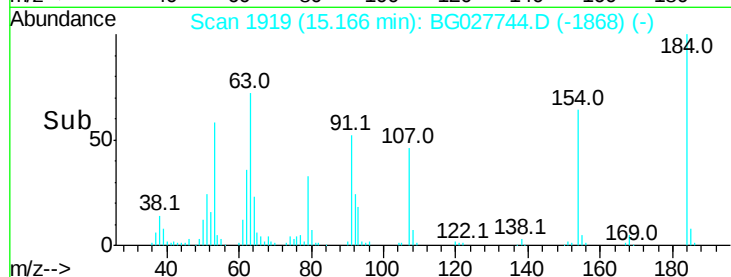
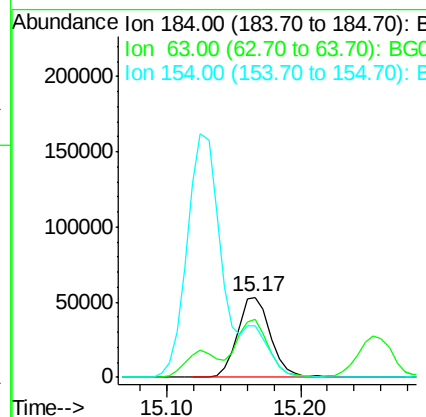
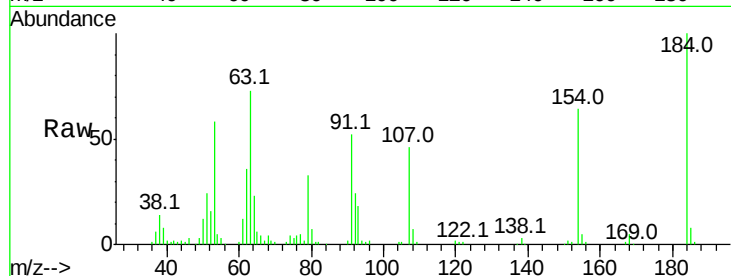
#53
2,4-Dinitrophenol
Concen: 88.24 ng
RT: 15.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.7	52.7	79.1
154	63.9	57.3	85.9

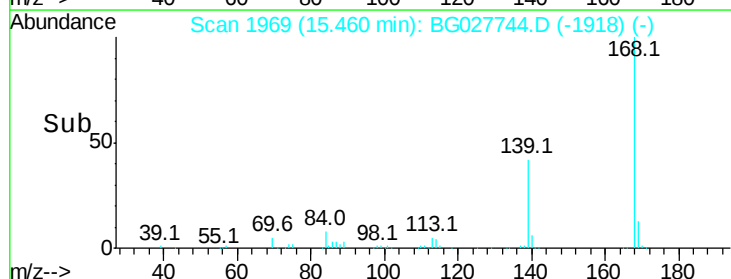
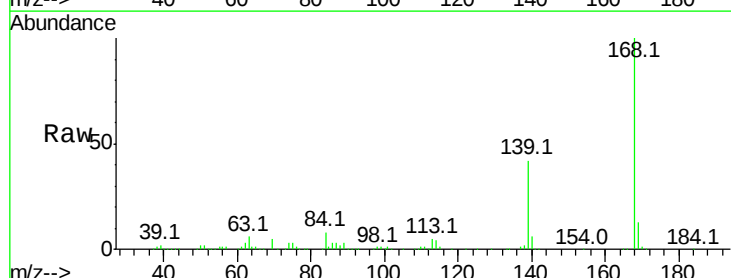
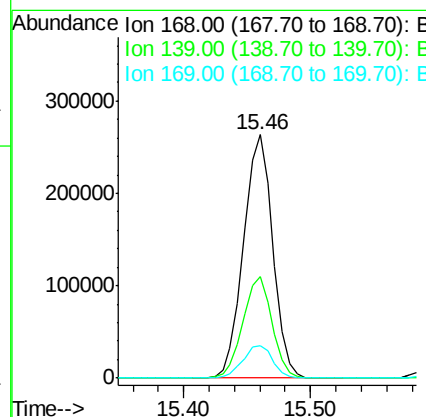
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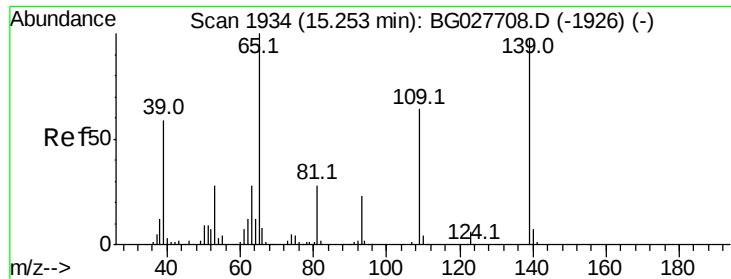
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#54
Dibenzofuran
Concen: 44.37 ng
RT: 15.46 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.7	35.3	52.9
169	13.3	11.5	17.3





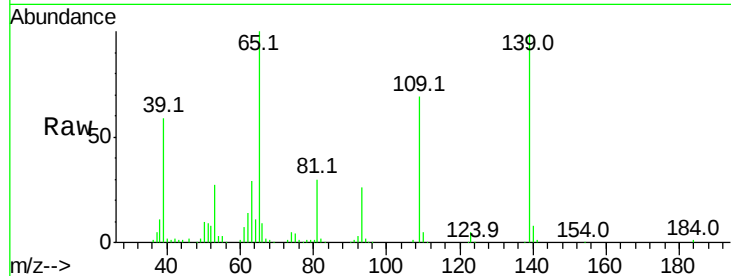
#55
4-Nitrophenol
Concen: 96.15 ng
RT: 15.26 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

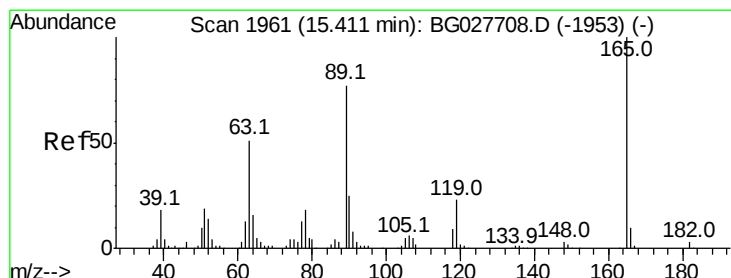
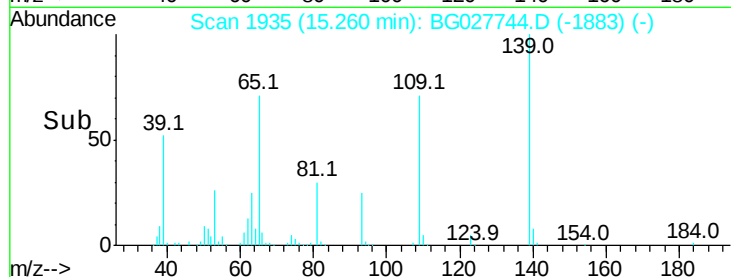
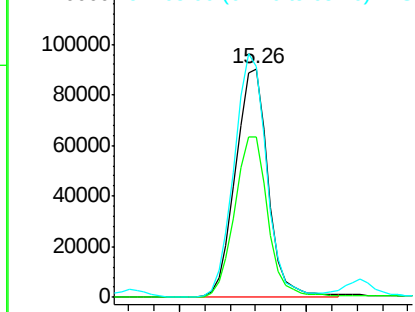
Tot Ion:139 Resp: 161416
Ion Ratio Lower Upper
139 100
109 70.1 101.2 141.2#
65 101.0 135.3 175.3#

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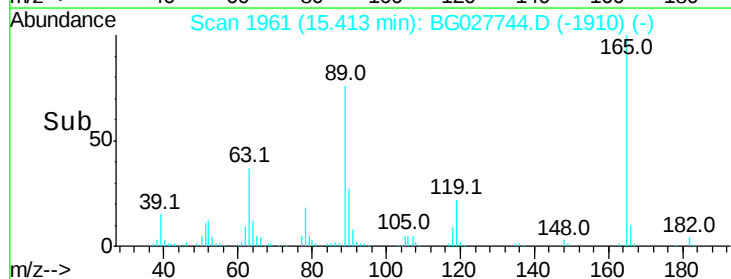
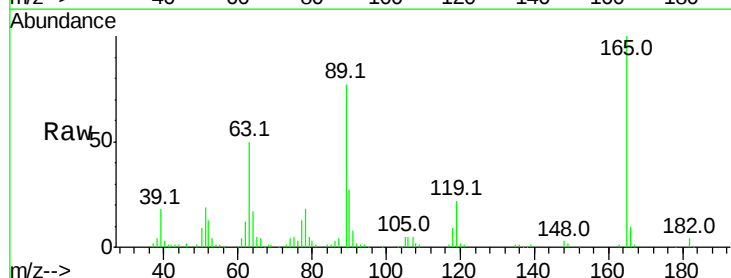
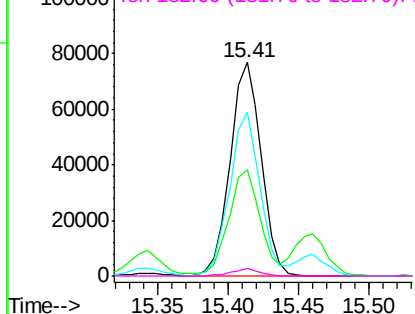
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

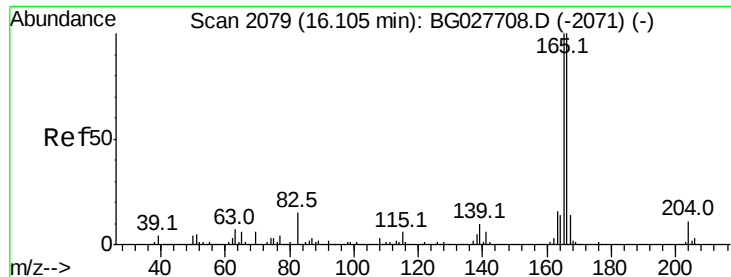


#56
2,4-Dinitrotoluene
Concen: 45.13 ng
RT: 15.41 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion:165 Resp: 117666
Ion Ratio Lower Upper
165 100
63 49.5 44.0 66.0
89 76.6 67.3 100.9
182 3.8 3.8 5.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





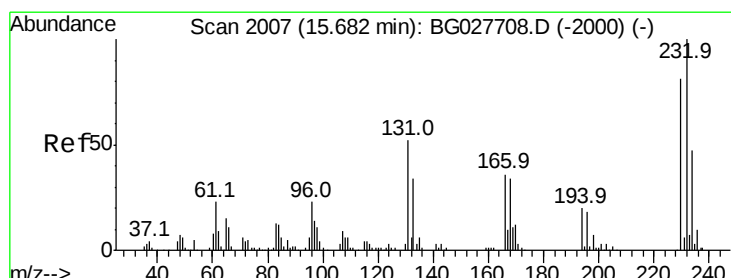
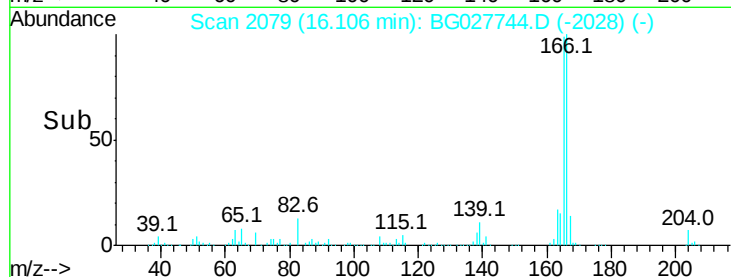
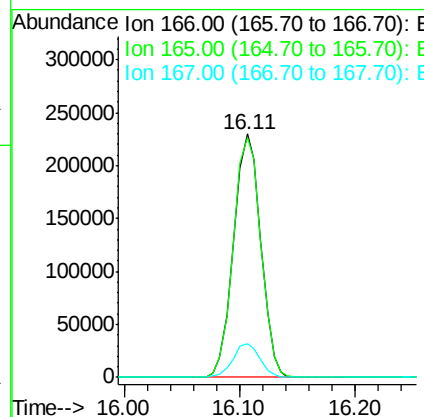
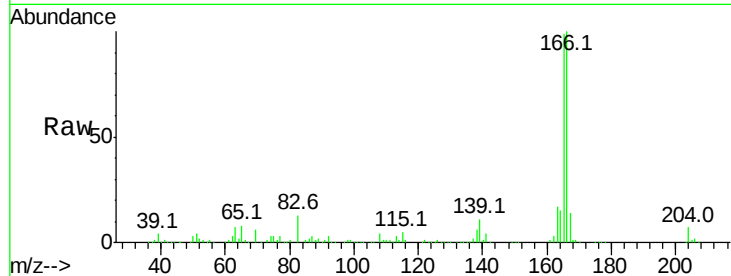
#57
 Fluorene
 Concen: 40.79 ng
 RT: 16.11 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	373847		
165	98.6		78.6	117.8
167	13.6		11.6	17.4

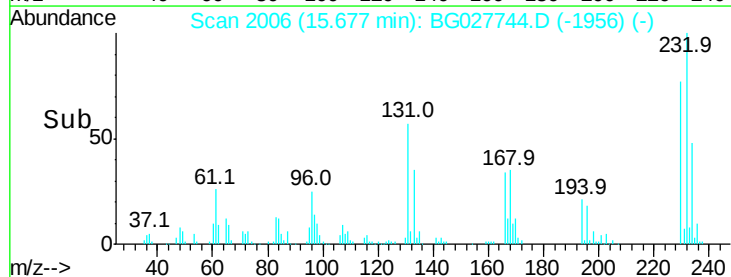
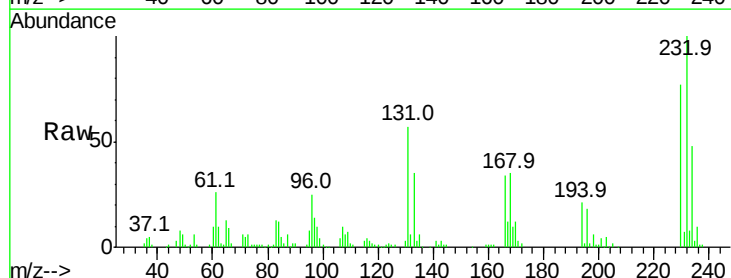
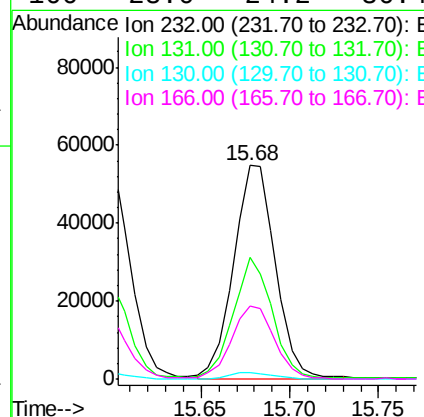
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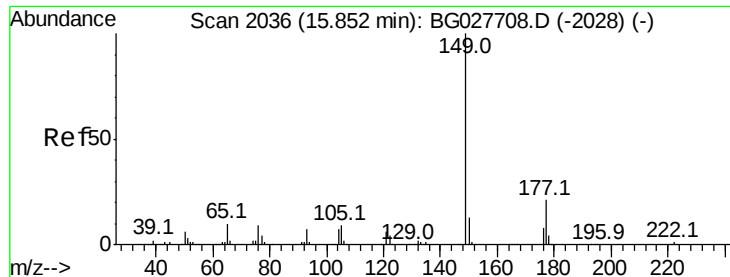
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.58 ng m
 RT: 15.68 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	90785		
131	46.3		34.9	52.3
130	3.0		2.3	3.5
166	28.0		24.2	36.4





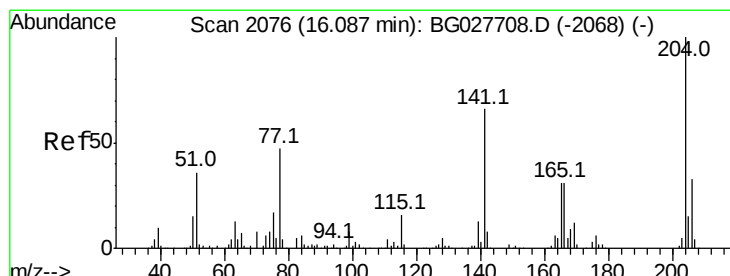
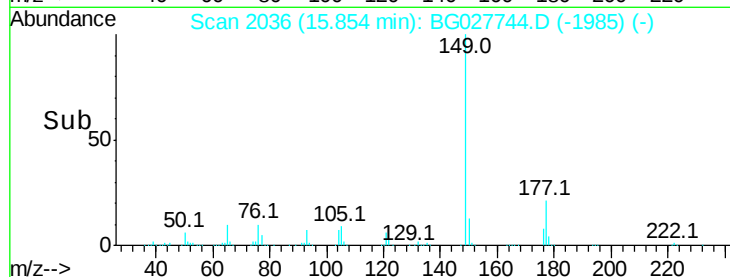
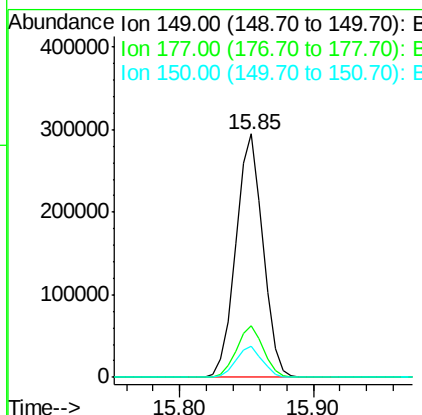
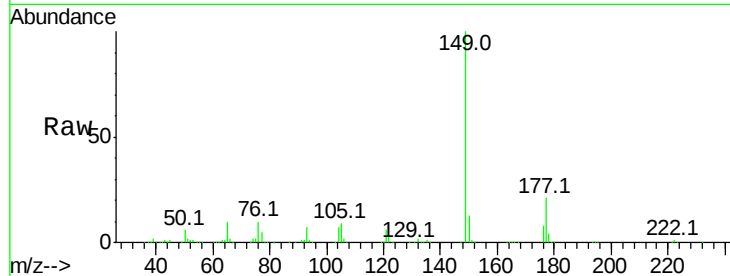
#59
Diethylphthalate
Concen: 43.40 ng
RT: 15.85 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	413306		
177	21.0		20.1	30.1
150	12.9		10.2	15.2

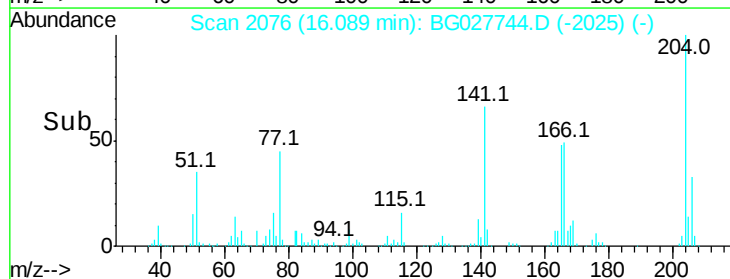
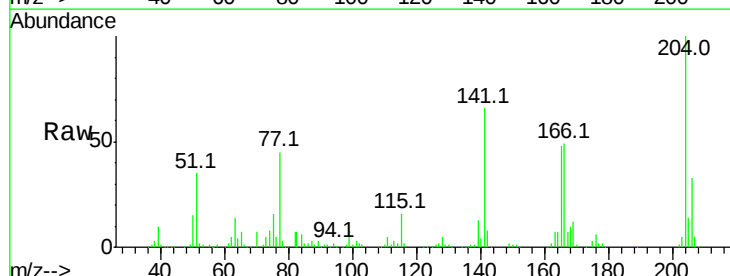
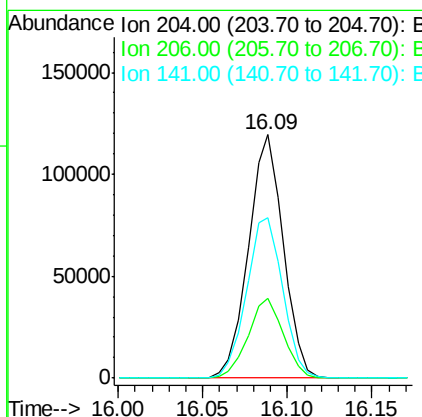
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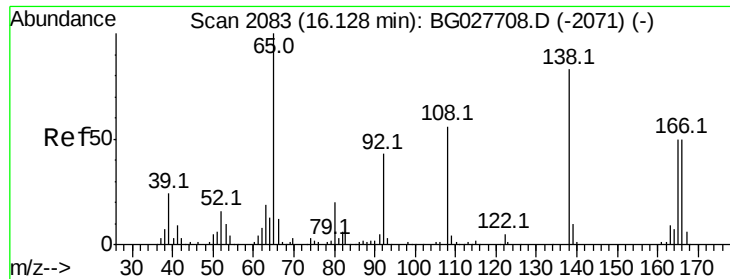
mohammad
6/30/2017 2:50:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.10 ng
RT: 16.09 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	170794		
206	32.8		30.1	45.1
141	66.1		50.6	76.0





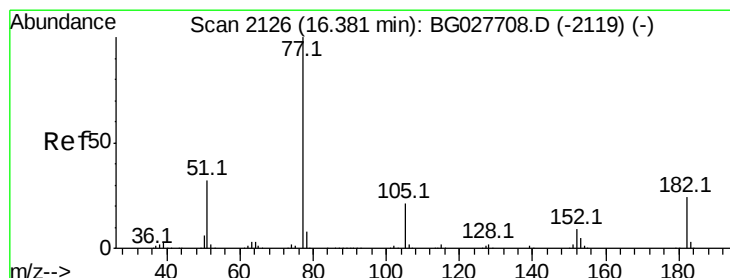
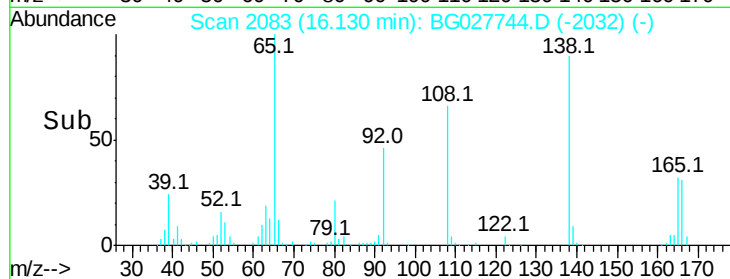
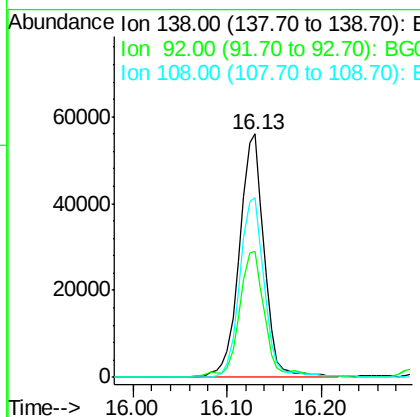
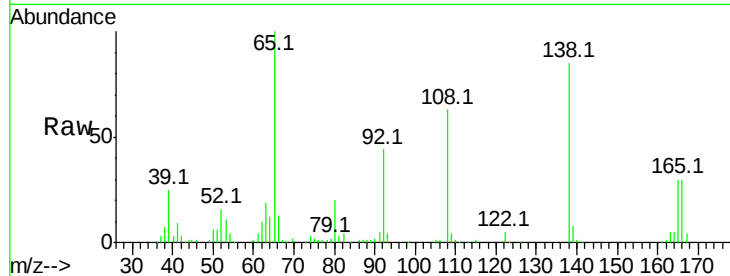
#61
4-Nitroaniline
Concen: 44.85 ng
RT: 16.13 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.9	44.2	84.2
108	74.0	104.8	144.8

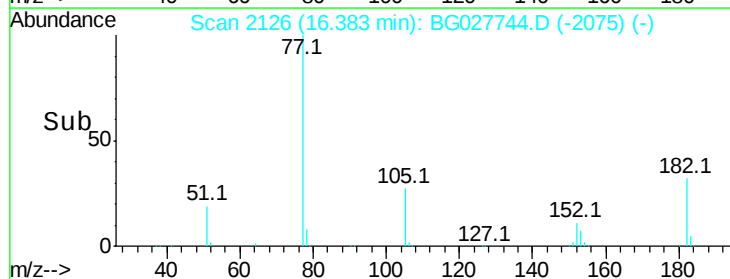
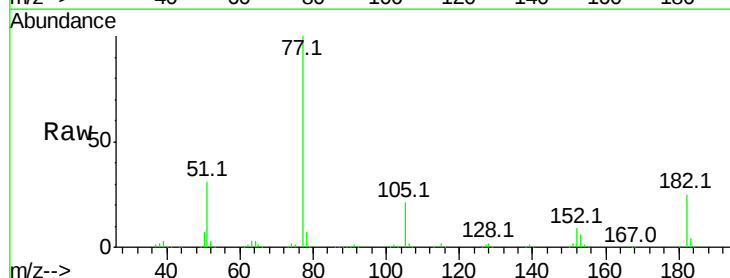
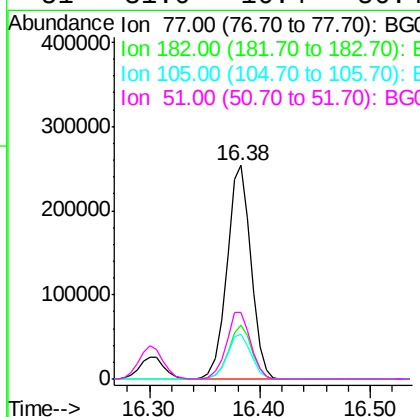
Manual Integrations
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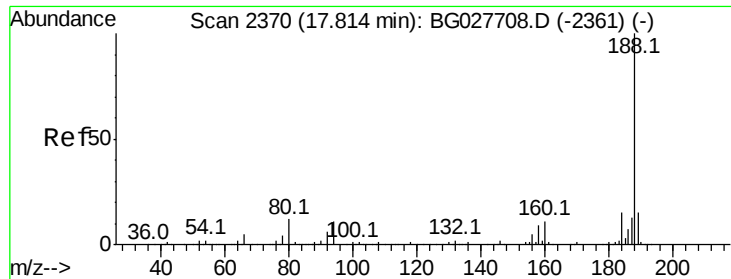
mohammad
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#62
Azobenzene
Concen: 45.96 ng
RT: 16.38 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.7	44.7
105	21.3	0.0	36.3
51	31.0	16.4	56.4





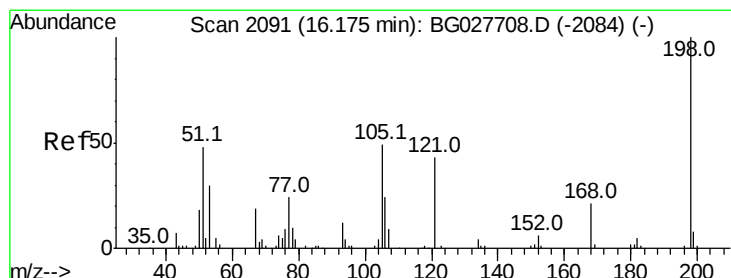
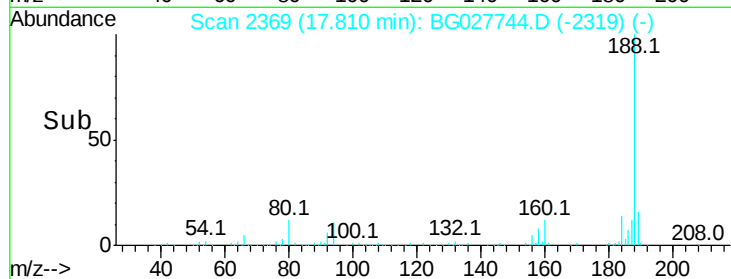
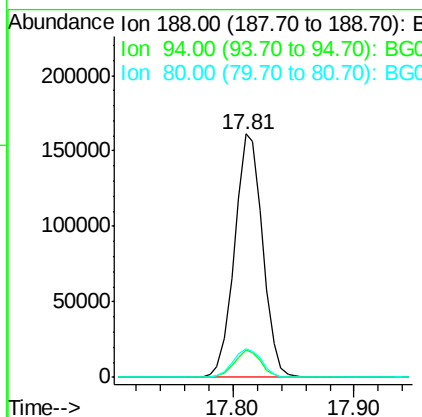
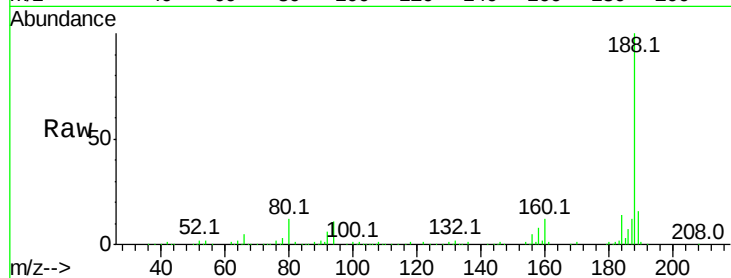
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.81 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	260108		
94	11.2	5.8	8.8#	
80	11.8	7.5	11.3#	

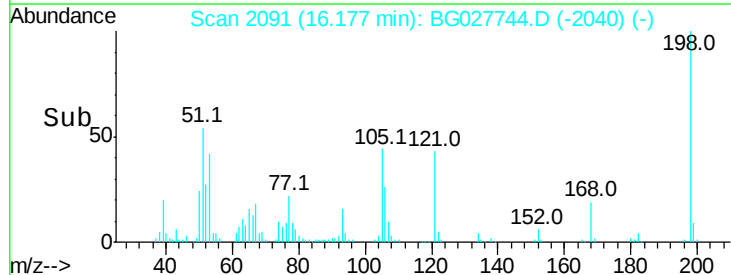
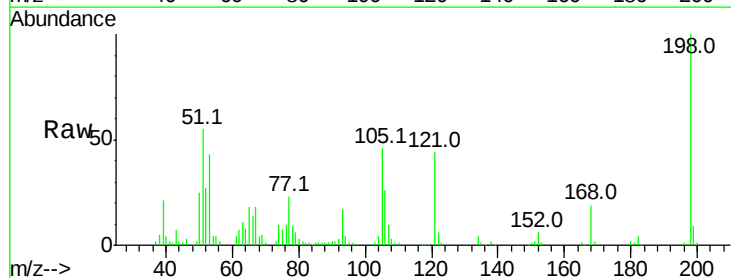
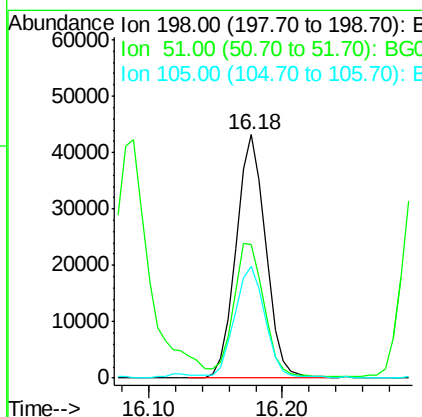
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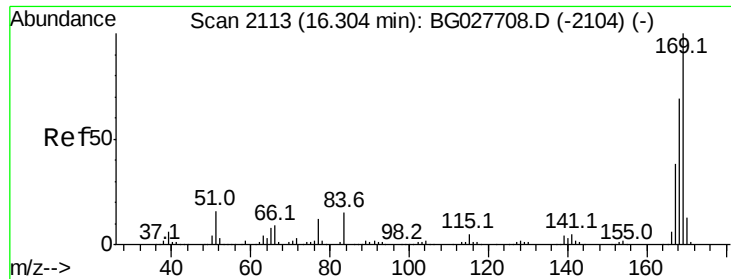
mohammad
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.72 ng
 RT: 16.18 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	66247		
51	55.0	22.6	62.6	
105	45.7	14.4	54.4	





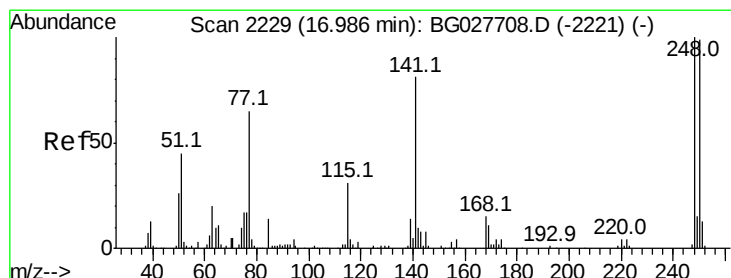
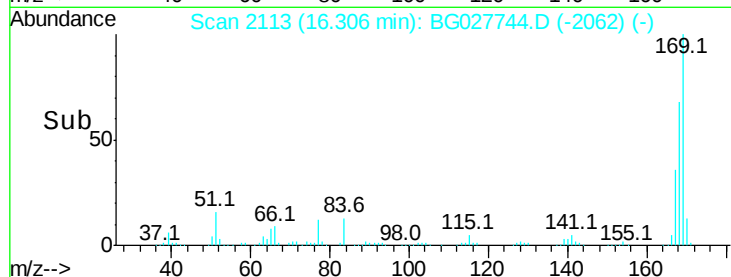
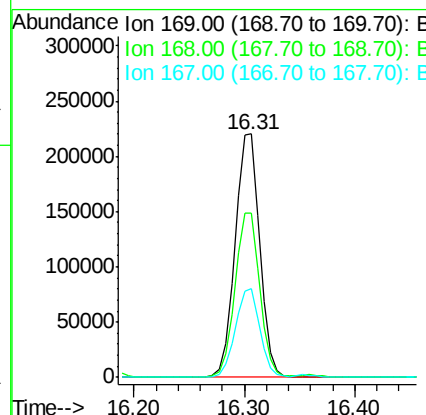
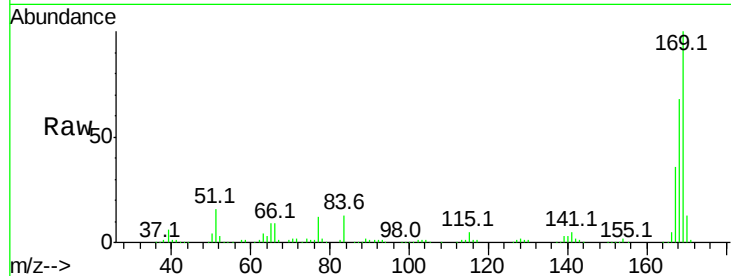
#65
 n-Nitrosodiphenylamine
 Concen: 40.72 ng
 RT: 16.31 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	55.7	83.5
167	36.4	29.8	44.6

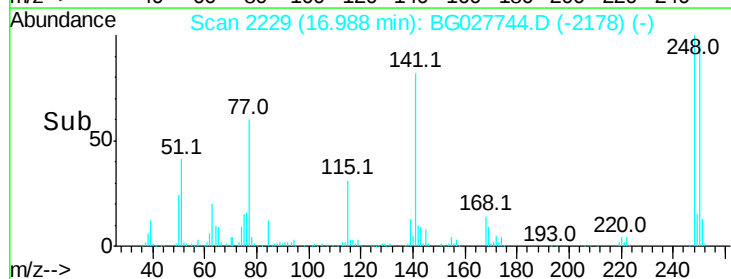
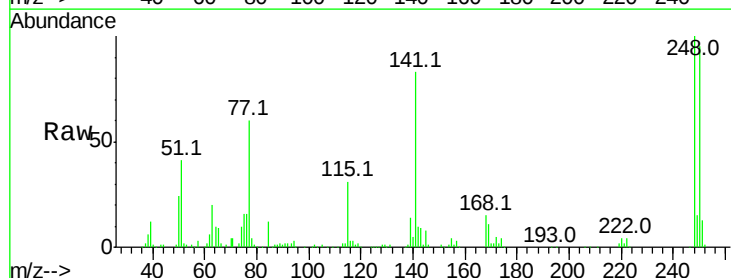
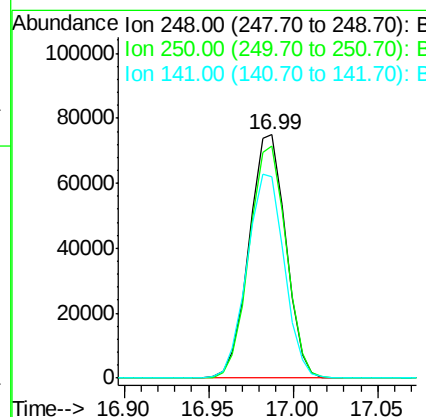
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#66
 4-Bromophenyl-phenylether
 Concen: 41.79 ng
 RT: 16.99 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	75.0	112.6
141	82.7	55.2	82.8





#67

Hexachlorobenzene

Concen: 41.57 ng

RT: 17.11 min Scan# 2250

Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

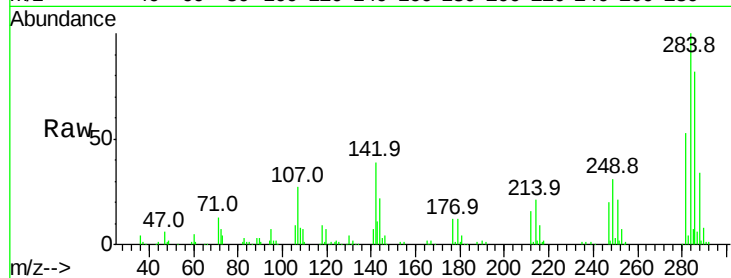
ClientSampleId :

PB100228BS

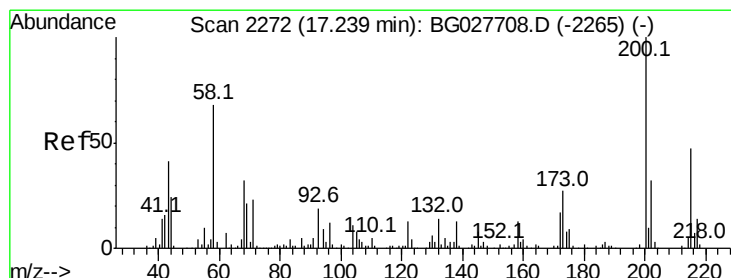
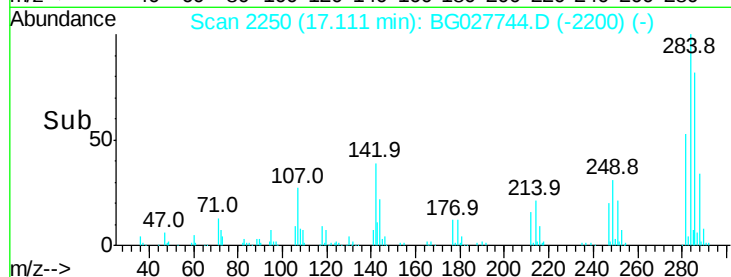
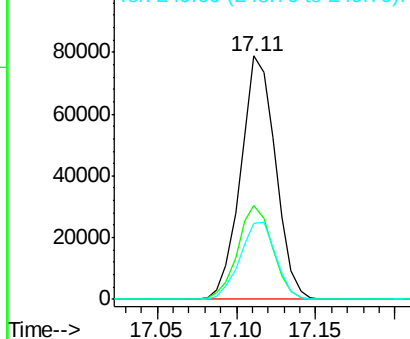
Tot Ion:	284	Resp:	119762
Ion Ratio		Lower	Upper
284	100		
142	38.8	29.9	44.9
249	31.0	29.2	43.8

Manual Integrations
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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: 45.62 ng

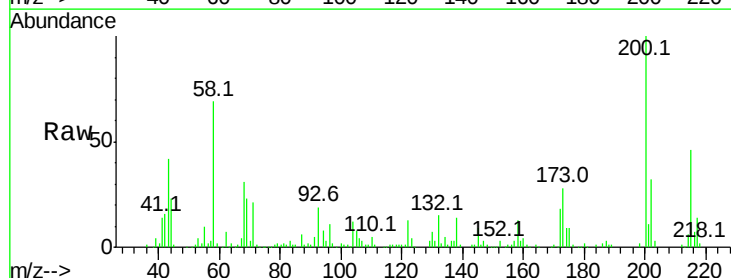
RT: 17.24 min Scan# 2272

Delta R.T. 0.00 min

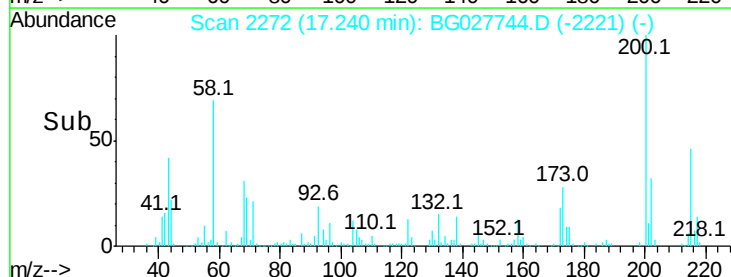
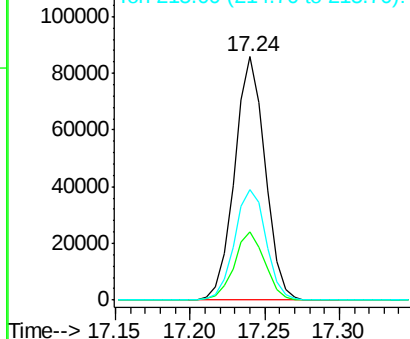
Lab File: BG027744.D

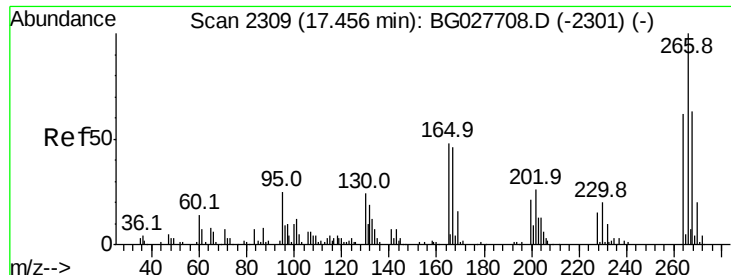
Acq: 29 Jun 2017 17:15

Tgt Ion:	200	Resp:	121880
Ion Ratio		Lower	Upper
200	100		
173	27.8	3.0	43.0
215	45.6	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





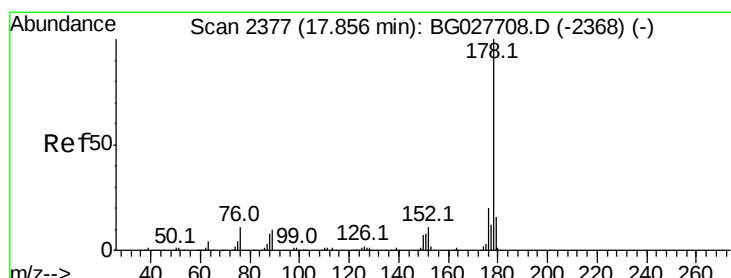
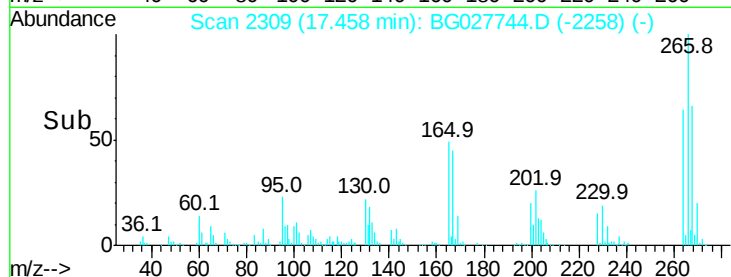
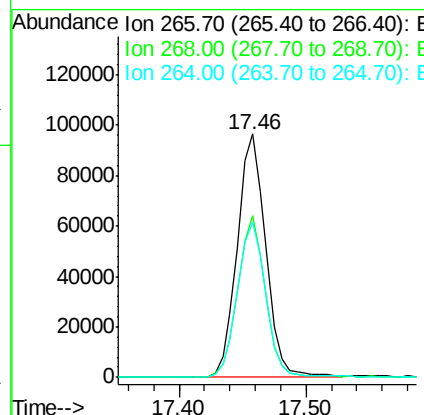
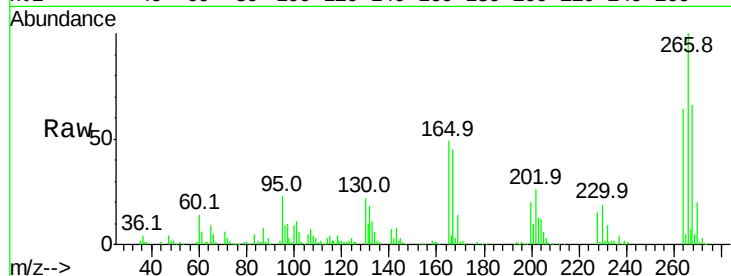
#69
 Pentachlorophenol
 Concen: 81.45 ng
 RT: 17.46 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	150053		
268	66.3	48.6	72.8	
264	63.7	50.1	75.1	

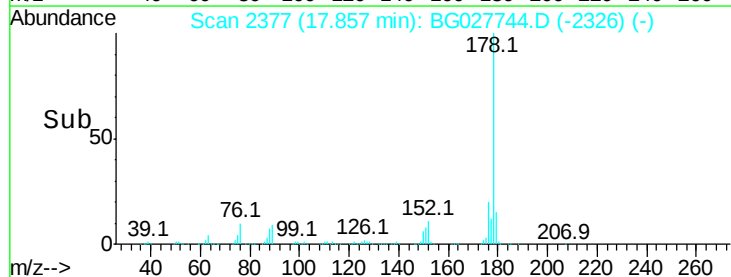
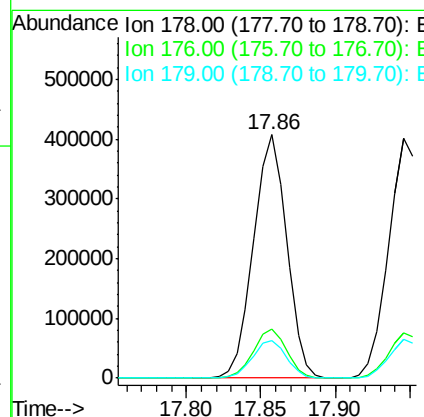
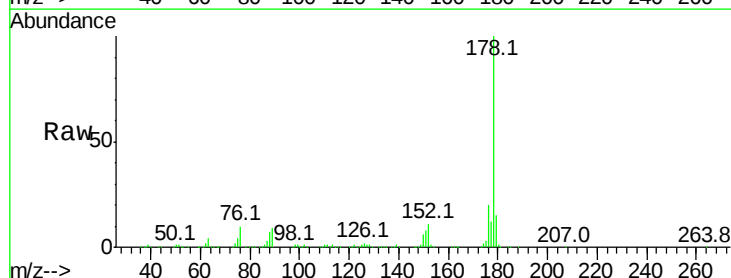
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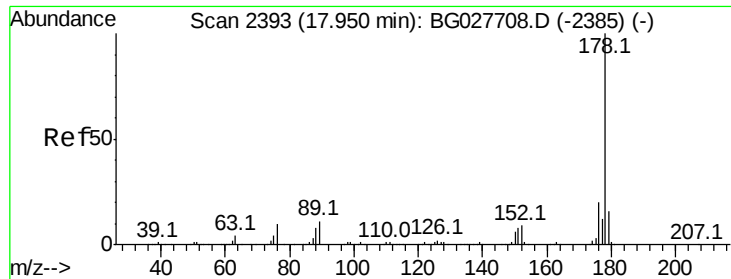
mohammad
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#70
 Phenanthrene
 Concen: 41.76 ng
 RT: 17.86 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	627089		
176	20.3	17.7	26.5	
179	15.2	15.0	22.6	





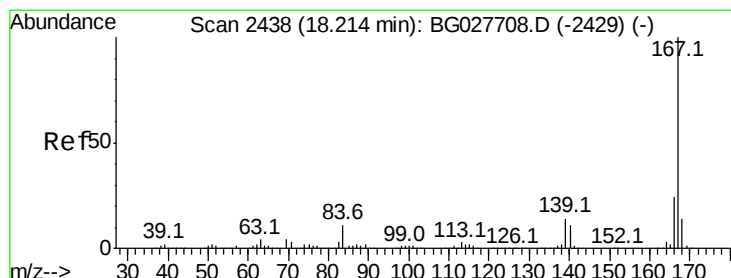
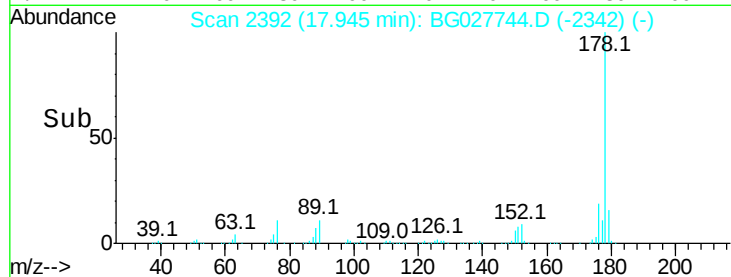
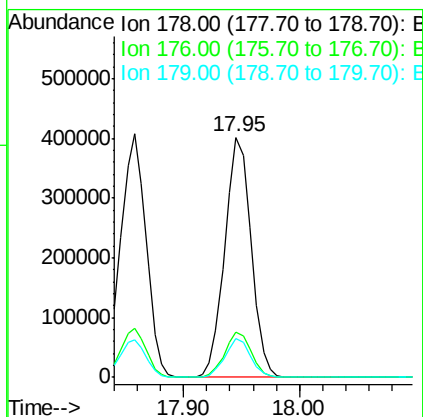
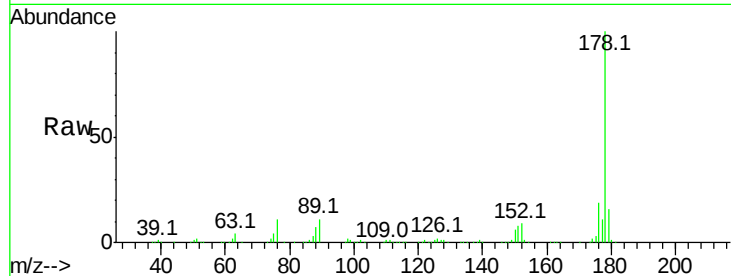
#71
 Anthracene
 Concen: 41.99 ng
 RT: 17.95 min Scan# 2392
 Delta R.T. -0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.4	24.6
179	16.0	13.8	20.8

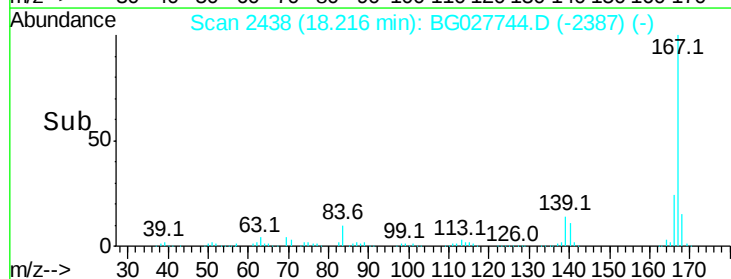
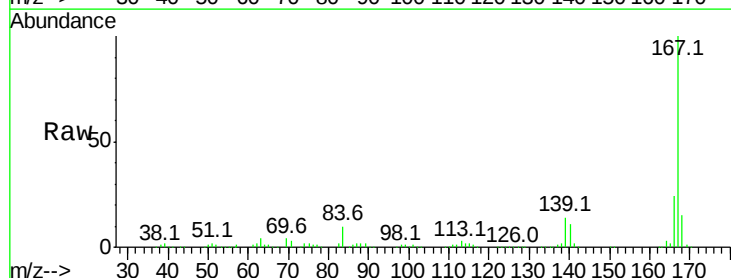
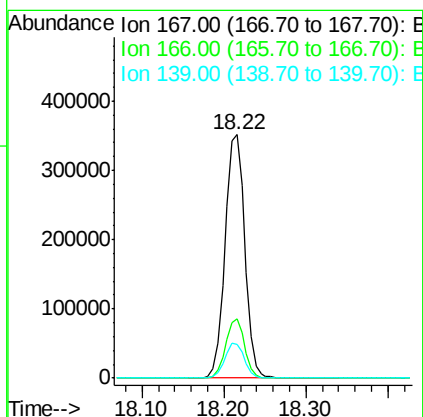
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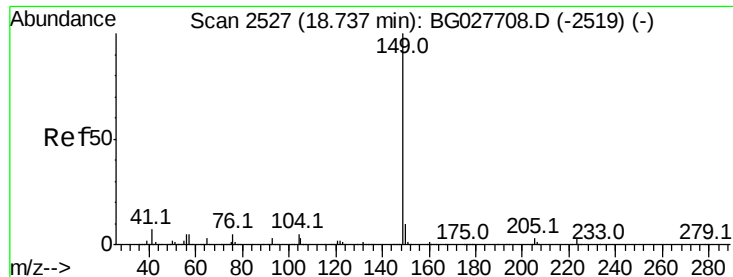
mohammad
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#72
 Carbazole
 Concen: 39.48 ng
 RT: 18.22 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	20.2	30.2
139	13.9	12.8	19.2





#73

Di-n-butylphthalate

Concen: 45.80 ng

RT: 18.73 min Scan# 2526

Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

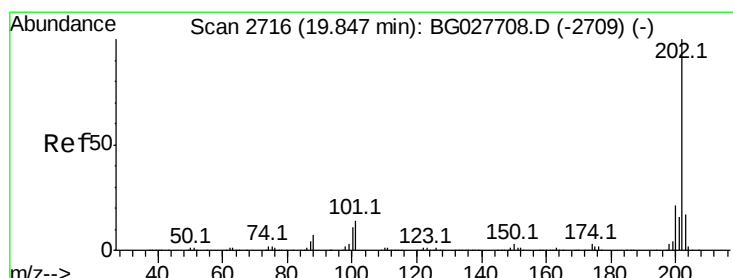
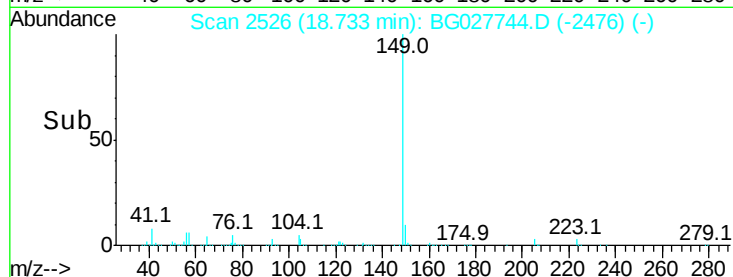
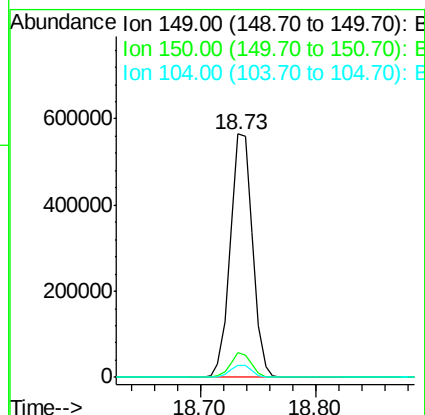
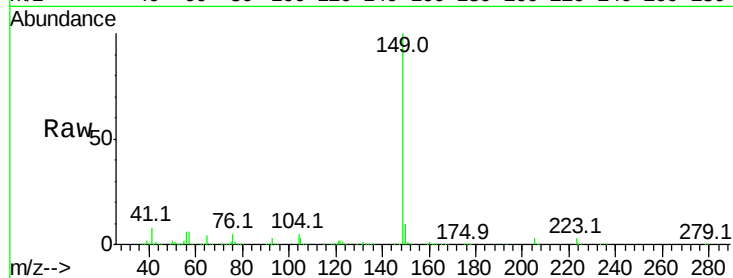
ClientSampleId :

PB100228BS

Tot Ion:	149	Resp:	751679
Ion Ratio	Lower	Upper	
149	100		
150	10.0	9.1	13.7
104	5.1	6.7	10.1#

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#74

Fluoranthene

Concen: 44.54 ng

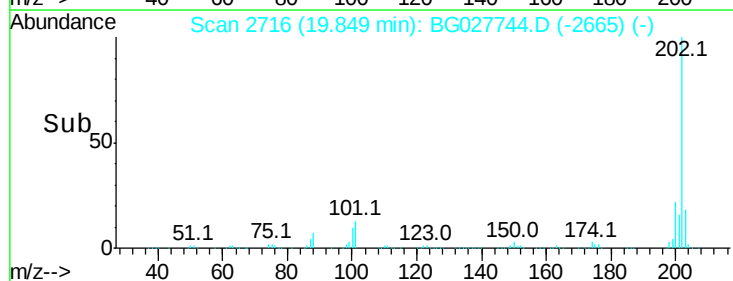
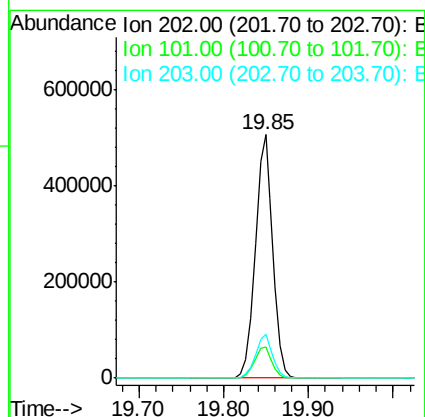
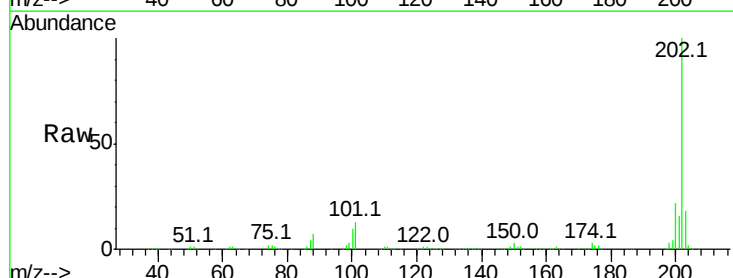
RT: 19.85 min Scan# 2716

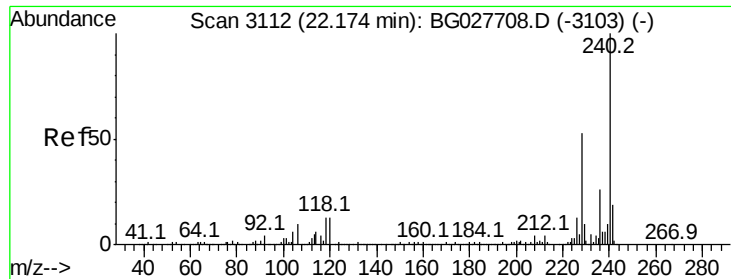
Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion:	202	Resp:	730889
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	30.1
203	18.1	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.18 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

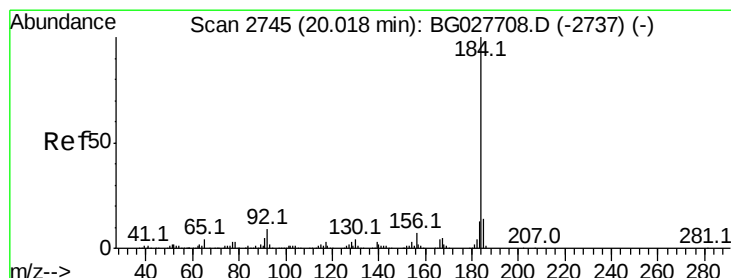
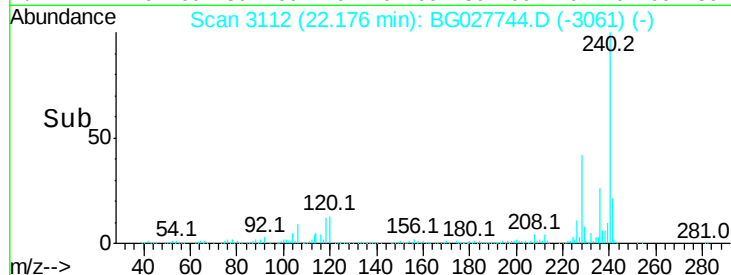
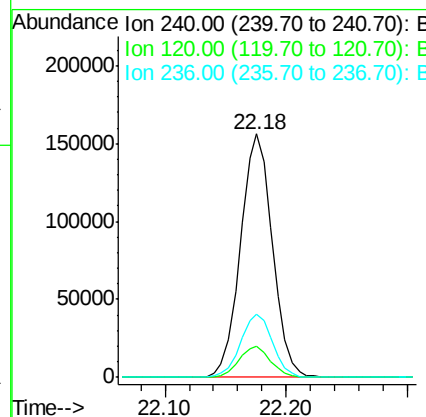
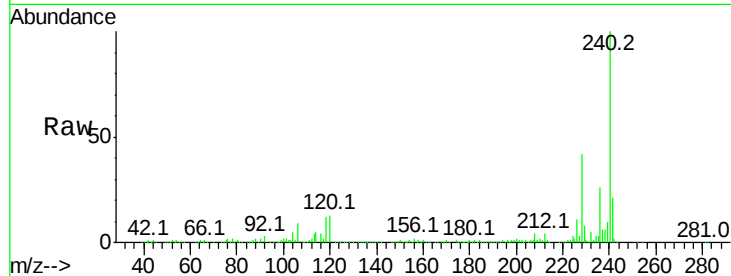
ClientSampleId :

PB100228BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	287912		
120	12.8	5.7	8.5#	
236	25.7	22.2	33.4	

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#76

Benzidine

Concen: 45.15 ng

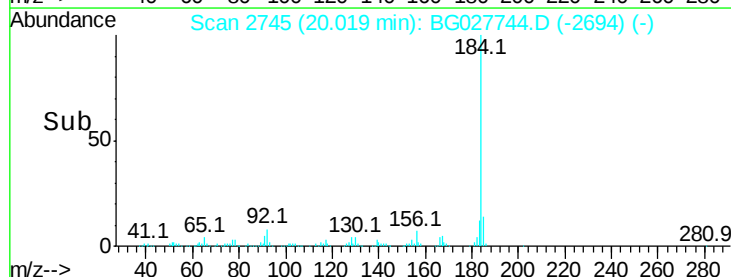
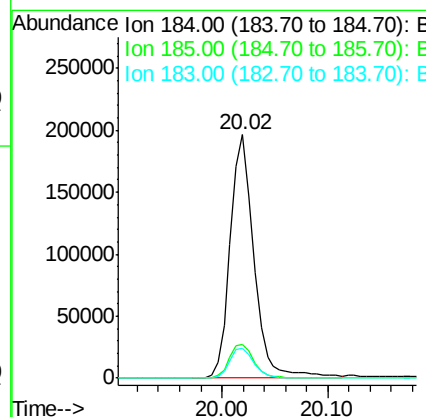
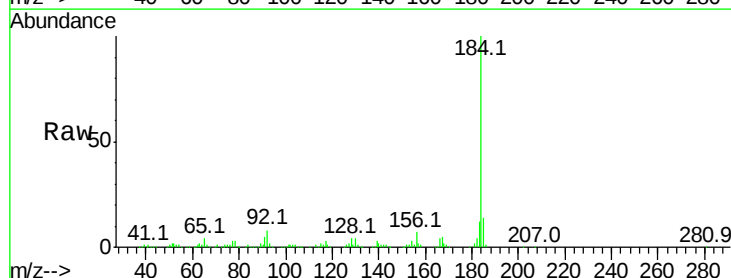
RT: 20.02 min Scan# 2745

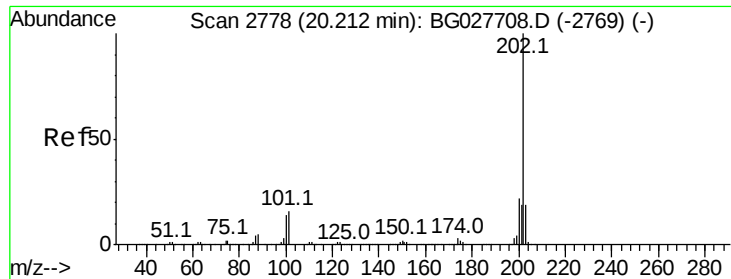
Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	308020		
185	14.1	13.0	19.6	
183	12.3	11.0	16.6	





#77

Pvrene

Concen: 41.33 ng

RT: 20.21 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

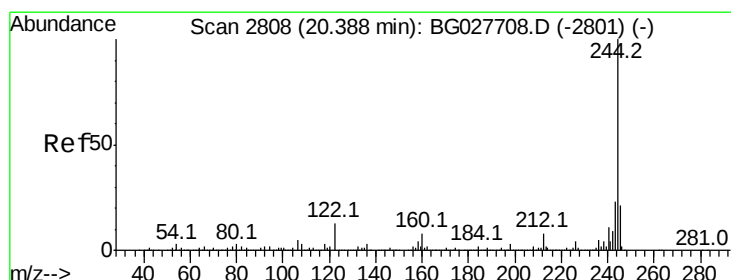
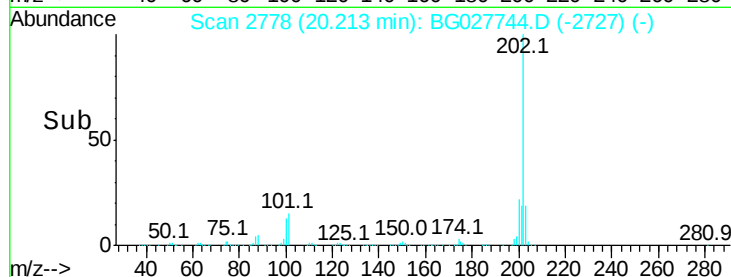
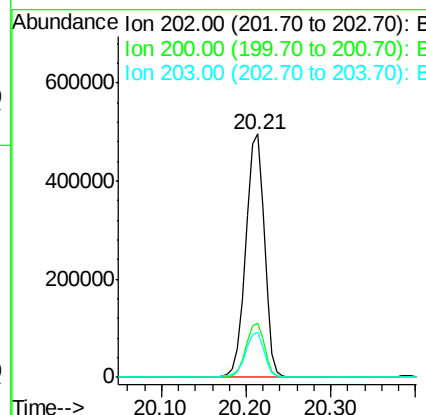
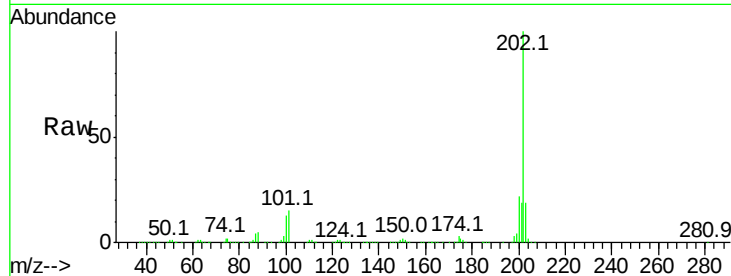
ClientSampleId :

PB100228BS

Tot Ion:	202	Resp:	746787
Ion Ratio		Lower	Upper
202	100		
200	22.2	19.6	29.4
203	18.6	15.8	23.8

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#78

Terphenyl-d14

Concen: 89.01 ng

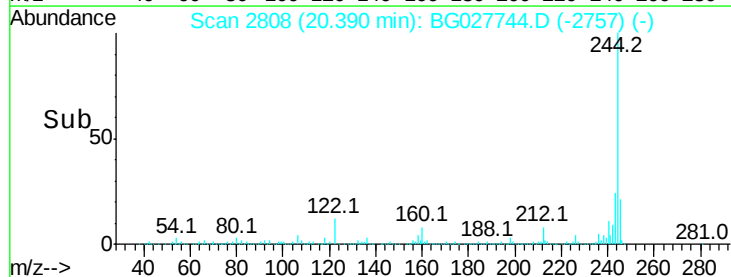
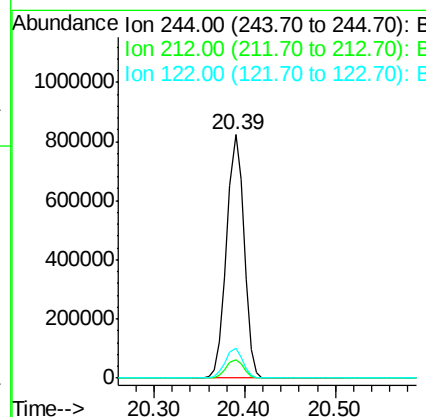
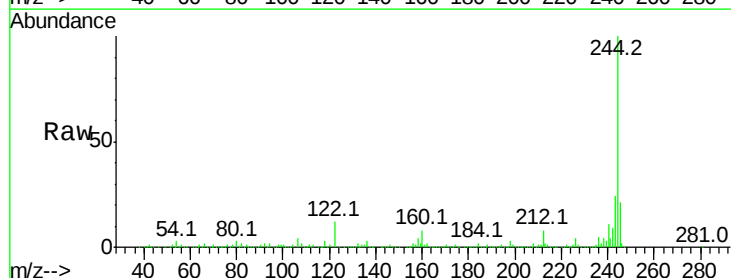
RT: 20.39 min Scan# 2808

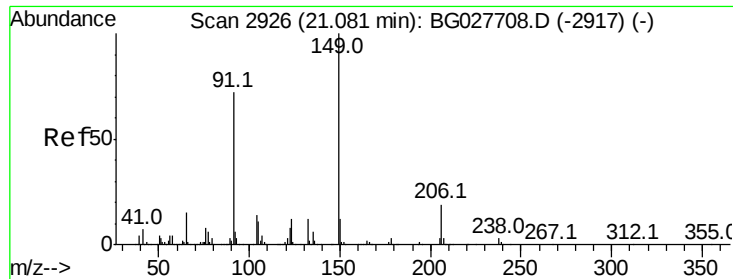
Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion:	244	Resp:	1093075
Ion Ratio		Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	12.3	8.6	12.8





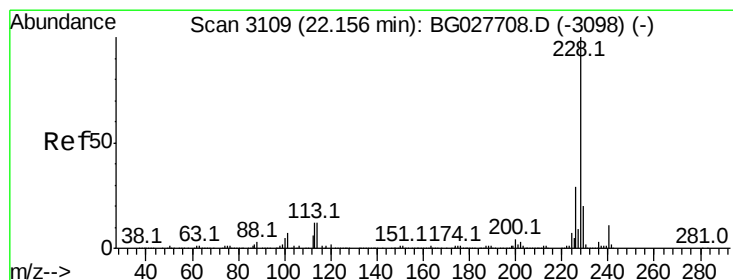
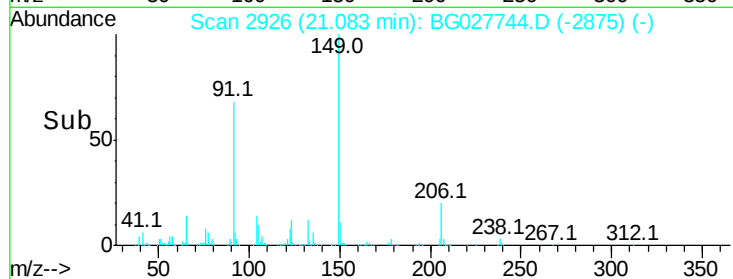
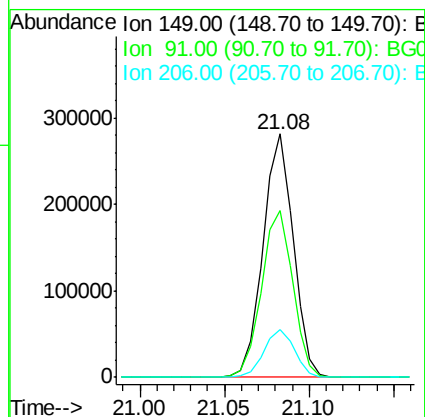
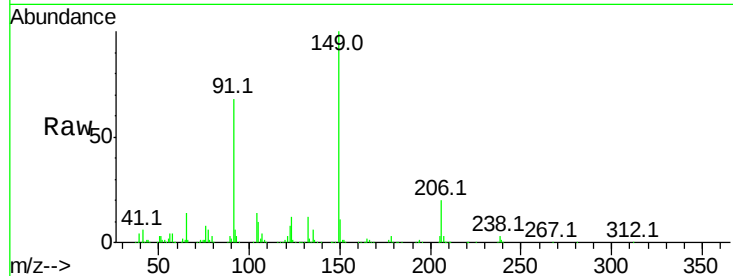
#79
Butylbenzylphthalate
Concen: 43.17 ng
RT: 21.08 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	351314		
91	68.3	63.5	95.3	
206	19.6	21.0	31.6	

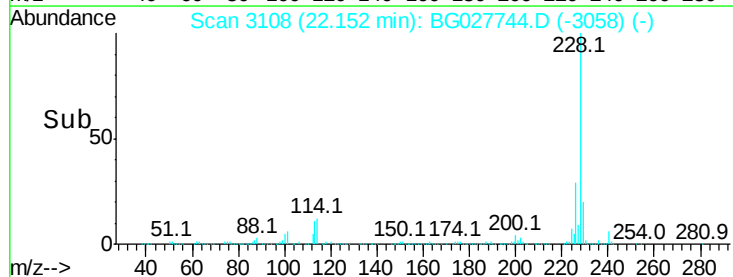
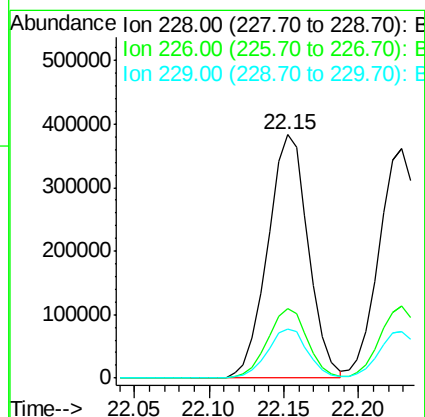
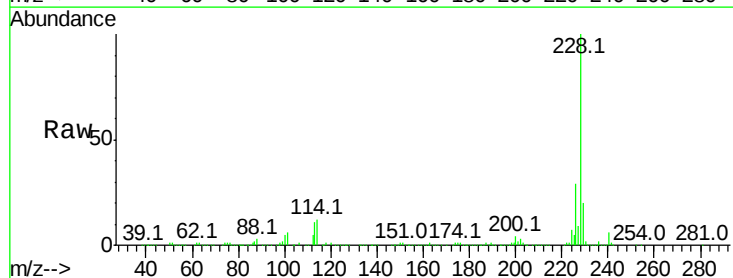
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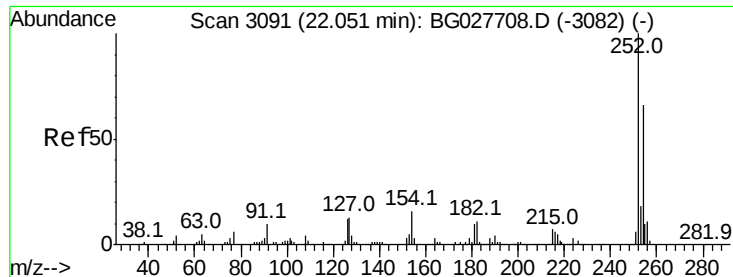
mohammad
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#80
Benzo(a)anthracene
Concen: 41.59 ng
RT: 22.15 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	723886		
226	28.7	24.9	37.3	
229	20.2	18.2	27.2	





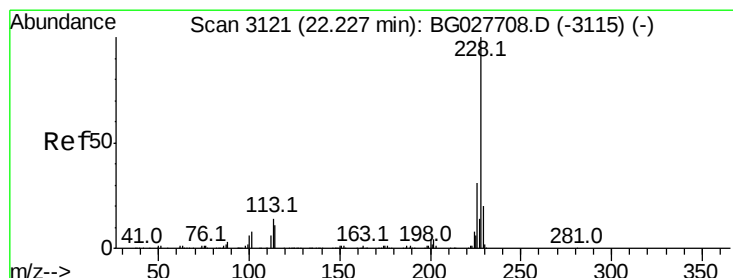
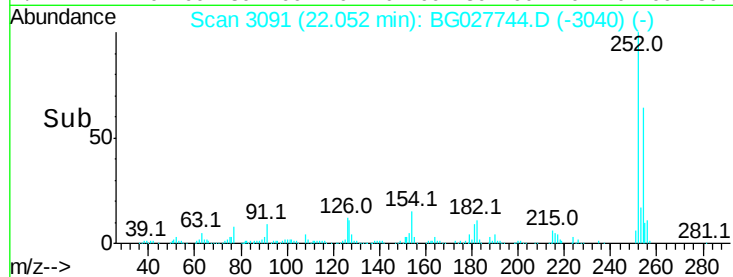
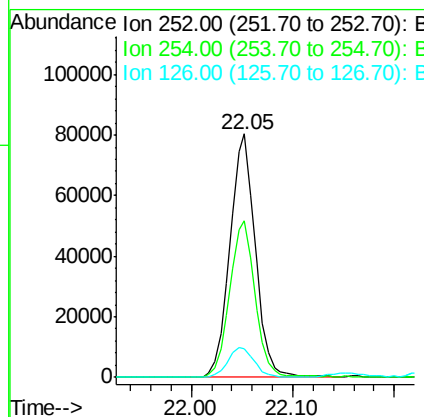
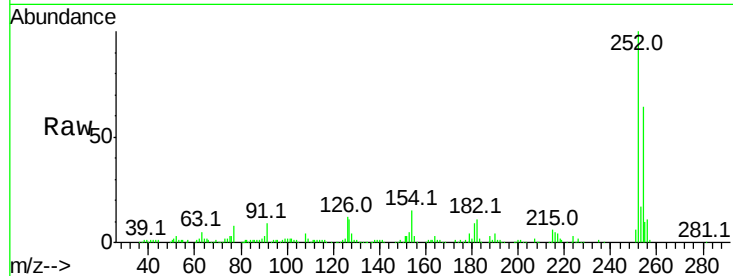
#81
 3,3'-Dichlorobenzidine
 Concen: 22.16 ng
 RT: 22.05 min Scan# 3091
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	53.1	79.7
126	11.7	7.0	10.4

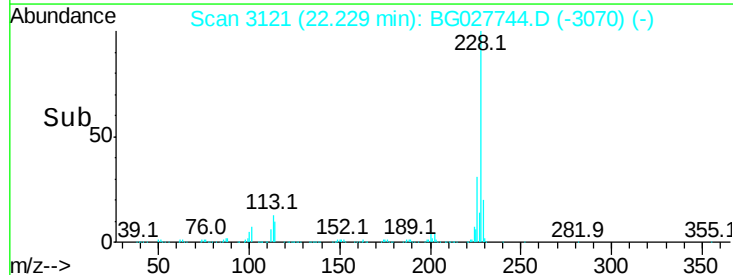
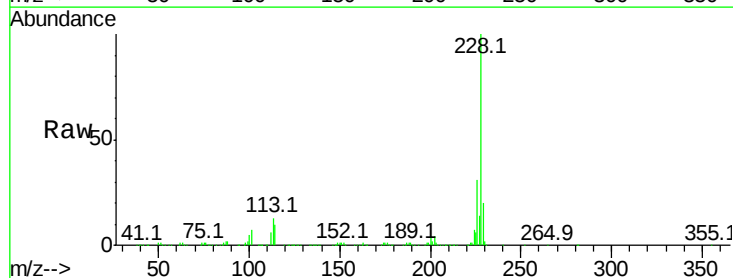
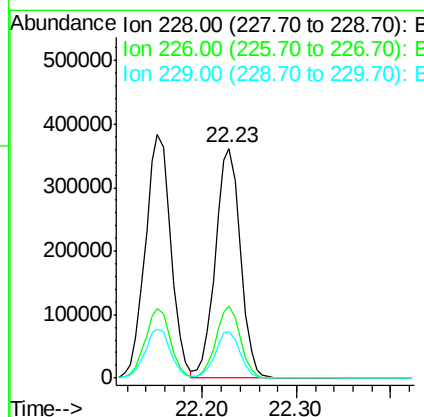
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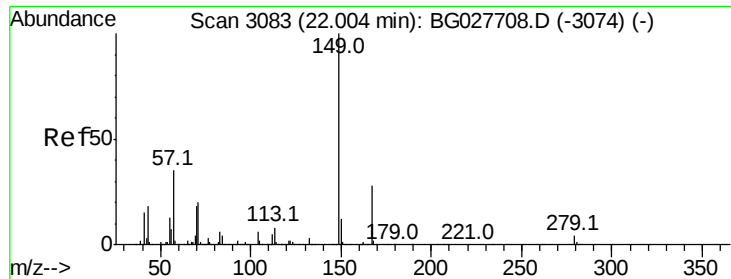
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#82
 Chrysene
 Concen: 41.32 ng
 RT: 22.23 min Scan# 3121
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	27.0	40.4
229	20.2	17.8	26.6





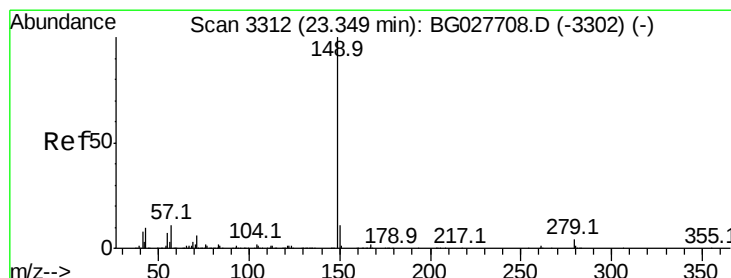
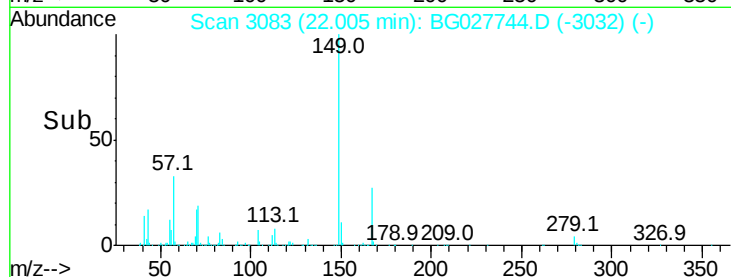
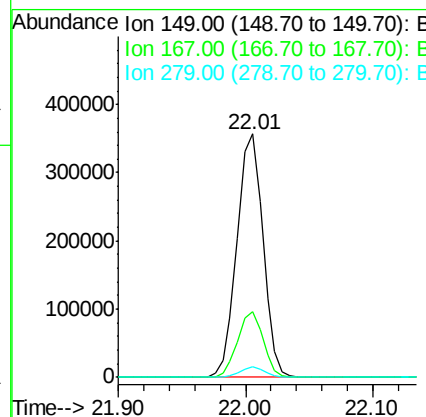
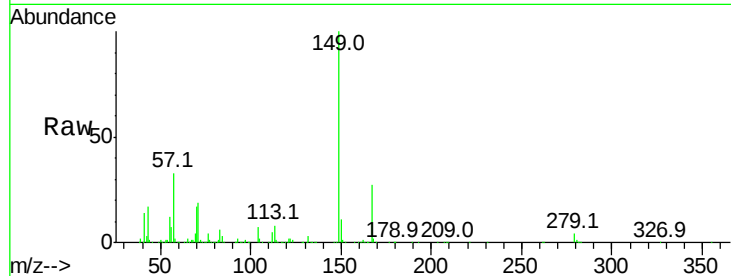
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.51 ng
 RT: 22.01 min Scan# 3083
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.2	23.7	35.5	
279	4.4	4.6	6.8	

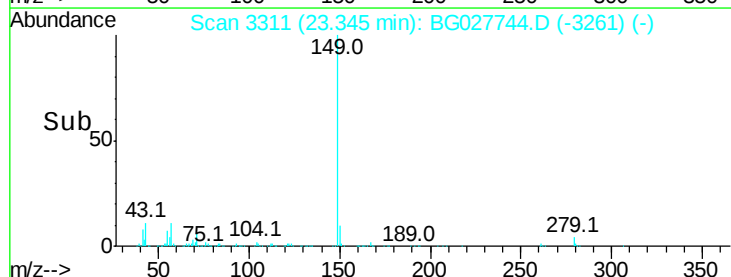
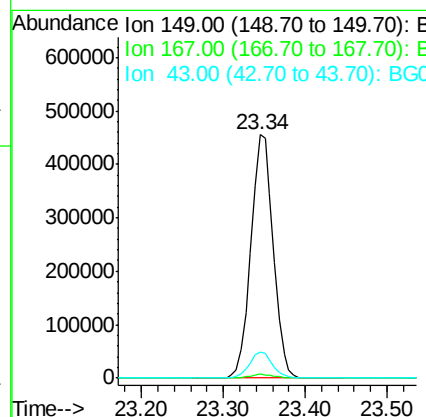
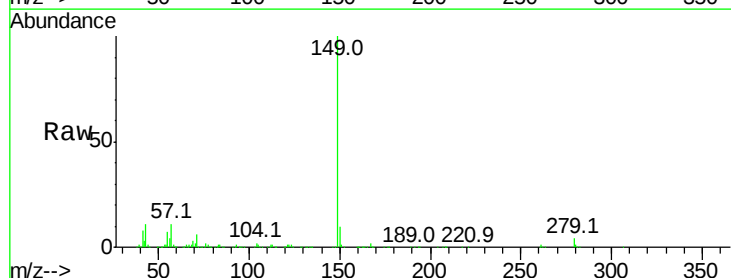
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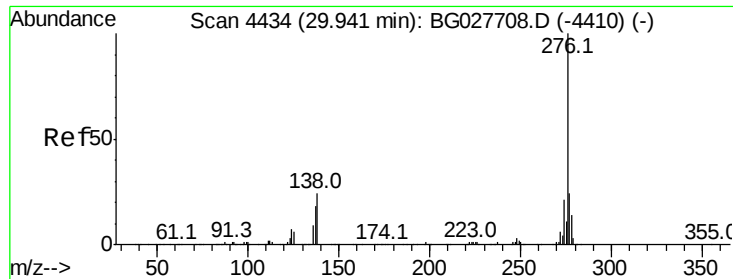
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 43.87 ng
 RT: 23.34 min Scan# 3311
 Delta R.T. -0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.4	2.2	
43	10.9	11.8	17.6	





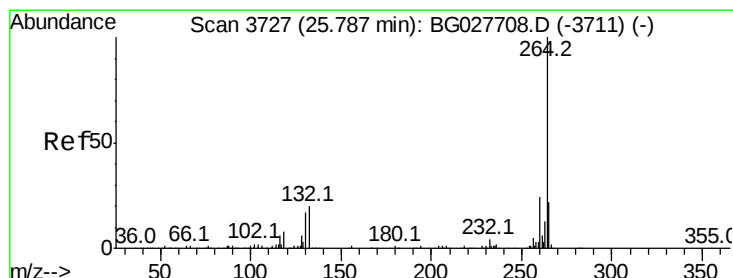
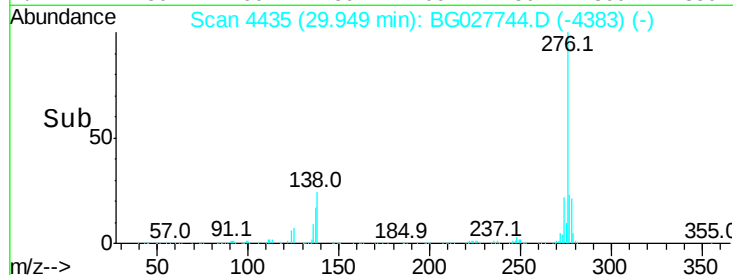
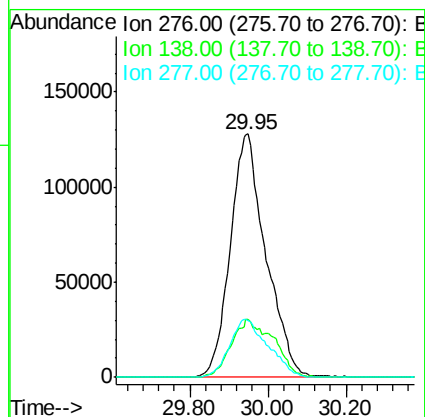
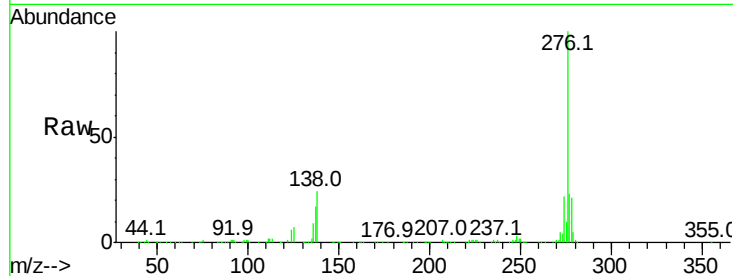
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.54 ng
RT: 29.95 min Scan# 4435
Delta R.T. 0.01 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	4.7	7.1#
277	25.8	20.6	31.0

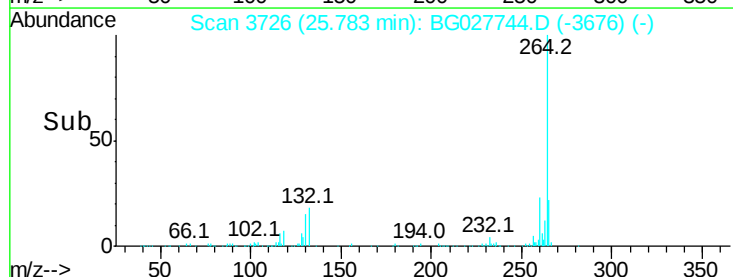
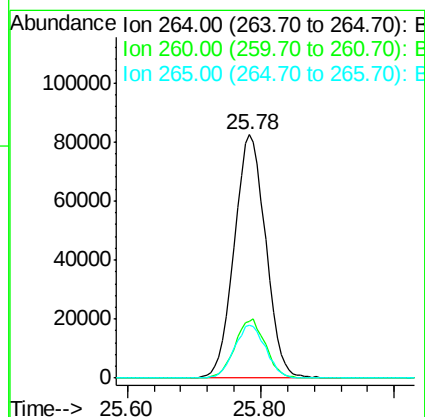
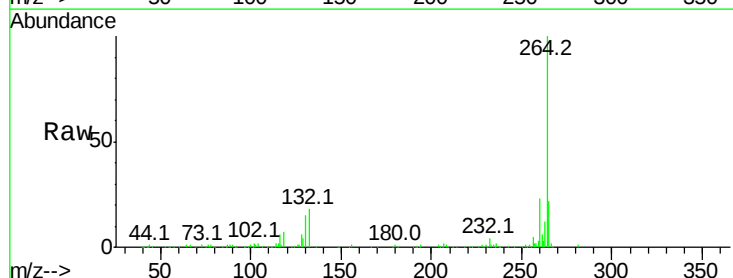
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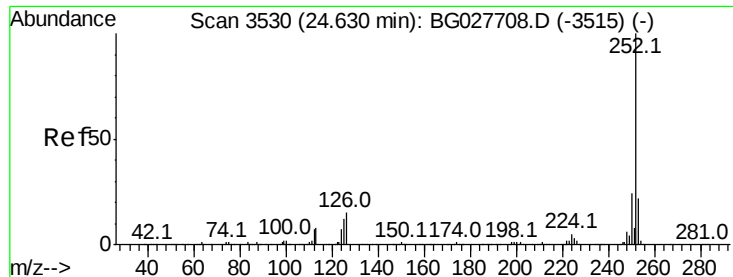
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.78 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG027744.D
Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	21.5	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 41.49 ng

RT: 24.63 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

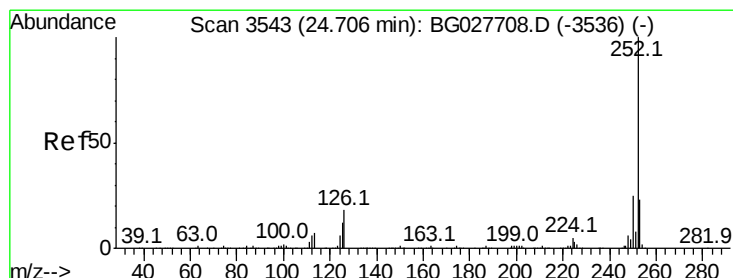
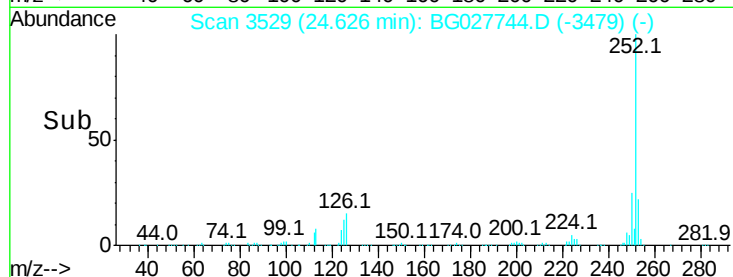
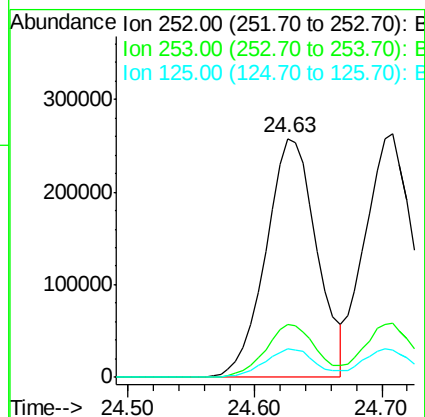
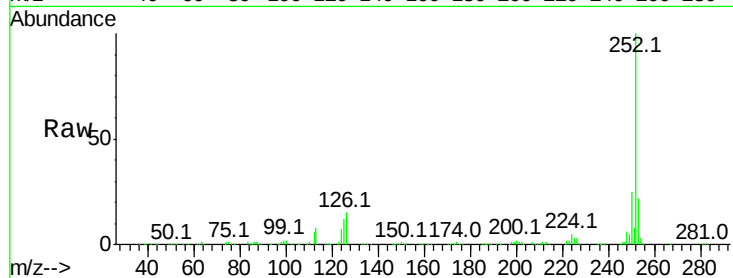
ClientSampleId :

PB100228BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	12.1	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 40.47 ng

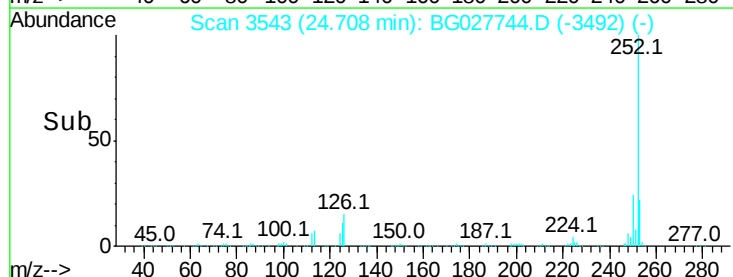
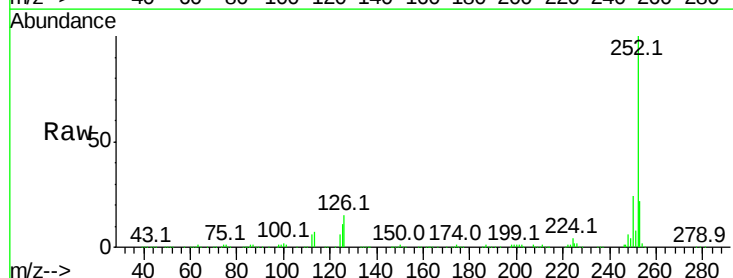
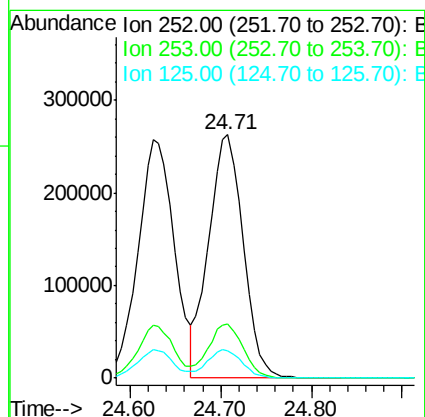
RT: 24.71 min Scan# 3543

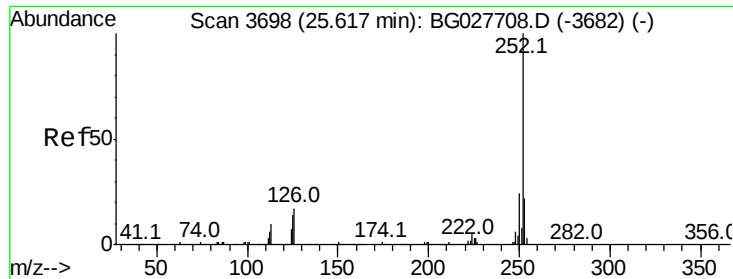
Delta R.T. 0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.2	30.2
125	11.4	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 41.87 ng

RT: 25.61 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Instrument :

BNA_G

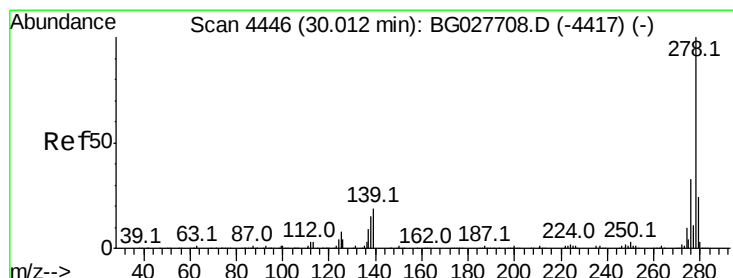
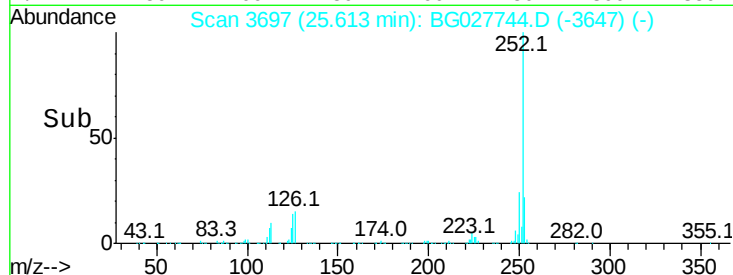
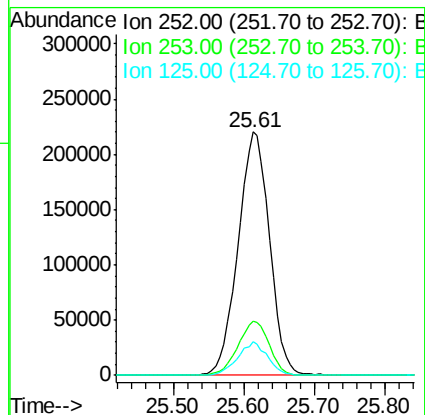
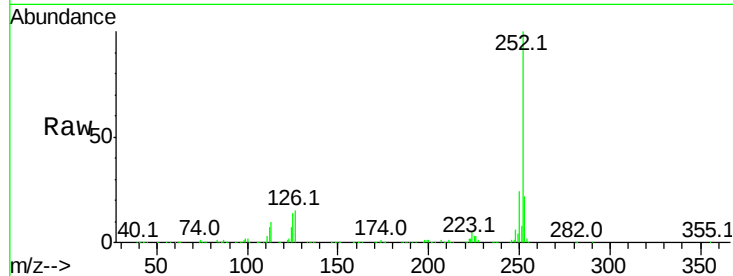
ClientSampleId :

PB100228BS

Tot Ion:	252	Resp:	681215
Ion Ratio	Lower	Upper	
252	100		
253	22.2	19.2	28.8
125	13.6	5.4	8.0#

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#90

Dibenzo(a,h)anthracene

Concen: 41.52 ng

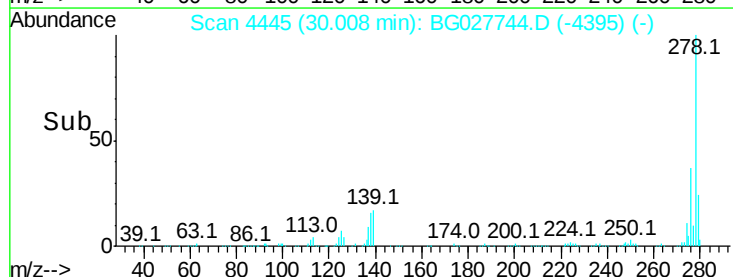
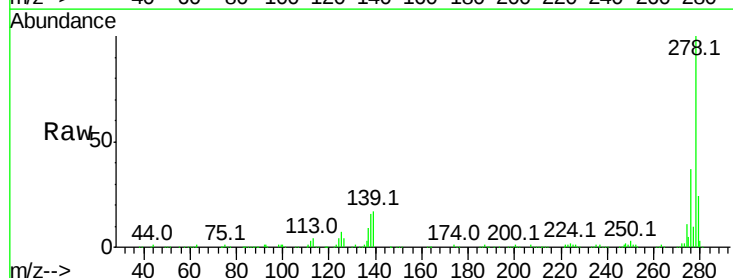
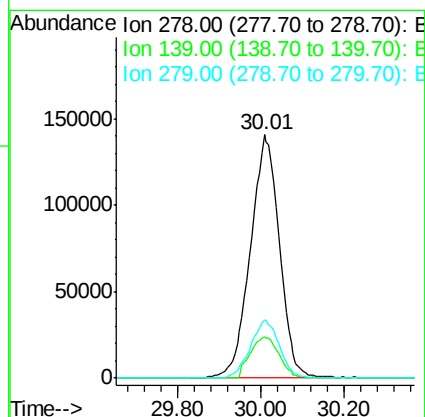
RT: 30.01 min Scan# 4445

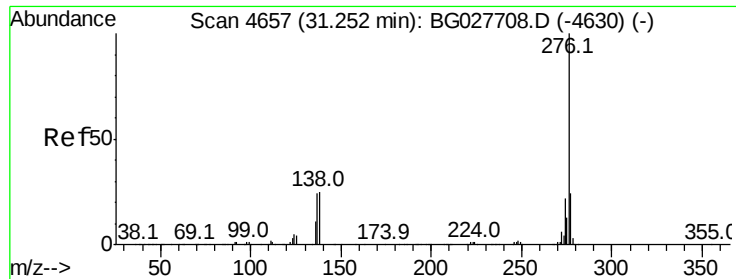
Delta R.T. -0.00 min

Lab File: BG027744.D

Acq: 29 Jun 2017 17:15

Tgt Ion:	278	Resp:	684267
Ion Ratio	Lower	Upper	
278	100		
139	17.0	7.7	11.5#
279	23.9	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 41.01 ng
 RT: 31.25 min Scan# 4657
 Delta R.T. 0.00 min
 Lab File: BG027744.D
 Acq: 29 Jun 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PB100228BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	24.5	8.1	12.1

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