

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062817\
 Data File : BG027731.D
 Acq On : 29 Jun 2017 7:59
 Operator : SJ/JU
 Sample : I3925-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Manual Integrations
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mohammad
 6/29/2017 4:49:13 PM

Quant Time: Jun 29 12:11:51 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	8.48	152	34936	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	172427	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	106985	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	268666	20.00	ng	0.00
75) Chrysene-d12	22.17	240	294129	20.00	ng	0.00
86) Perylene-d12	25.79	264	273630	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.06	112	327903	144.53	ng	0.00
7) Phenol-d6	7.62	99	452374	130.52	ng	0.00
23) Nitrobenzene-d5	9.64	82	289543	93.60	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	234633	159.90	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	696390	92.96	ng	0.00
78) Terphenyl-d14	20.39	244	1249731	99.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.05	88	29843	35.331	ng	# 92
3) Pyridine	4.44	79	69704	26.800	ng	91
4) n-Nitrosodimethylamine	4.34	42	49909	39.131	ng	# 75
6) Aniline	7.81	93	119880	29.840	ng	95
8) 2-Chlorophenol	8.04	128	124427	49.081	ng	91
9) Benzaldehyde	7.62	77	42637	20.674	ng	84
10) Phenol	7.65	94	153808	44.855	ng	78
11) bis(2-Chloroethyl)ether	7.88	93	111119	42.662	ng	97
12) 1,3-Dichlorobenzene	8.37	146	110072	40.819	ng	# 87
13) 1,4-Dichlorobenzene	8.51	146	113847	40.745	ng	94
14) 1,2-Dichlorobenzene	8.83	146	111472	41.146	ng	94
15) Benzyl Alcohol	8.71	79	116390	48.544	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.98	45	233771	42.079	ng	99
17) 2-Methylphenol	8.90	107	112980	46.571	ng	# 86
18) Hexachloroethane	9.56	117	39555	40.245	ng	# 79
19) n-Nitroso-di-n-propylamine	9.26	70	104775	41.553	ng	94
20) 3+4-Methylphenols	9.22	107	156016	44.596	ng	88
22) Acetophenone	9.29	105	186685	44.867	ng	# 89
24) Nitrobenzene	9.69	77	141558	43.771	ng	# 86
25) Isophorone	10.20	82	294368	43.657	ng	# 95
26) 2-Nitrophenol	10.40	139	67506	46.212	ng	# 80
27) 2,4-Dimethylphenol	10.43	122	135022	49.349	ng	93
28) bis(2-Chloroethoxy)methane	10.67	93	164602	43.059	ng	# 96
29) 2,4-Dichlorophenol	10.93	162	119460	49.821	ng	98
30) 1,2,4-Trichlorobenzene	11.15	180	106290	43.464	ng	95
31) Naphthalene	11.34	128	390495	42.586	ng	99
32) Benzoic acid	10.56	122	74796	45.330	ng	# 81
33) 4-Chloroaniline	11.45	127	28140	7.104	ng	# 87
34) Hexachlorobutadiene	11.61	225	58786	43.143	ng	98
35) Caprolactam	12.22	113	45782m	37.961	ng	
36) 4-Chloro-3-methylphenol	12.53	107	158972	47.116	ng	90
37) 2-Methylnaphthalene	12.91	142	298643m	43.727	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	126974	45.165	ng	# 97
40) Hexachlorocyclopentadiene	13.25	237	148043	111.688	ng	94

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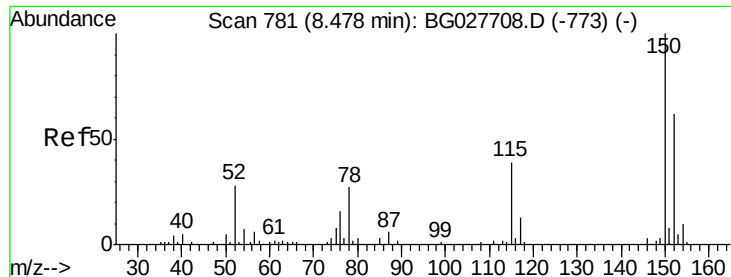
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Quant Time: Jun 29 12:11:51 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
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 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	100891	49.688	ng	92
43) 2,4,5-Trichlorophenol	13.58	196	110041	47.829	ng #	95
45) 1,1'-Biphenyl	13.90	154	393188	45.852	ng	97
46) 2-Chloronaphthalene	13.95	162	292416	45.141	ng	97
47) 2-Nitroaniline	14.15	65	125472	48.390	ng #	87
48) Acenaphthylene	14.79	152	510757	43.150	ng	98
49) Dimethylphthalate	14.50	163	427241	46.813	ng	98
50) 2,6-Dinitrotoluene	14.63	165	94039	47.400	ng #	79
51) Acenaphthene	15.13	154	328325	43.277	ng	96
52) 3-Nitroaniline	14.96	138	54882	23.514	ng	87
53) 2,4-Dinitrophenol	15.16	184	112872	101.129	ng	90
54) Dibenzofuran	15.46	168	481640	48.012	ng	97
55) 4-Nitrophenol	15.26	139	179484	100.738	ng #	55
56) 2,4-Dinitrotoluene	15.41	165	139862	50.543	ng #	87
57) Fluorene	16.11	166	430612	44.272	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.68	232	105166m	53.026	ng	
59) Diethylphthalate	15.85	149	480180	47.515	ng	95
60) 4-Chlorophenyl-phenylether	16.08	204	196525	45.643	ng	93
61) 4-Nitroaniline	16.13	138	116409	47.874	ng #	62
62) Azobenzene	16.38	77	446723	50.306	ng	92
64) 4,6-Dinitro-2-methylphenol	16.17	198	76779	46.078	ng	80
65) n-Nitrosodiphenylamine	16.30	169	392340	44.892	ng	98
66) 4-Bromophenyl-phenylether	16.98	248	131231	46.702	ng #	89
67) Hexachlorobenzene	17.11	284	133922	45.002	ng	94
68) Atrazine	17.24	200	103538	37.524	ng	95
69) Pentachlorophenol	17.45	266	174081	90.727	ng	97
70) Phenanthrene	17.85	178	716046	46.166	ng	95
71) Anthracene	17.95	178	721295	46.053	ng	98
72) Carbazole	18.21	167	671367	43.525	ng	96
73) Di-n-butylphthalate	18.73	149	855746	50.485	ng #	94
74) Fluoranthene	19.85	202	821083	48.439	ng	92
76) Benzidine	20.04	184	41090m	8.693	ng	
77) Pyrene	20.21	202	842689	45.653	ng	96
79) Butylbenzylphthalate	21.08	149	404807	48.693	ng #	90
80) Benzo(a)anthracene	22.15	228	815703	45.871	ng	94
81) 3,3'-Dichlorobenzidine	22.05	252	158406	24.544	ng #	98
82) Chrysene	22.22	228	749789	44.983	ng	96
83) Bis(2-ethylhexyl)phthalate	22.00	149	572439	47.119	ng #	94
84) Di-n-octyl phthalate	23.35	149	961189	47.889	ng #	92
85) Indeno(1,2,3-cd)pyrene	29.94	276	910052	47.771	ng #	87
87) Benzo(b)fluoranthene	24.63	252	798454	45.293	ng #	96
88) Benzo(k)fluoranthene	24.70	252	792253	45.465	ng #	92
89) Benzo(a)pyrene	25.61	252	762314	46.084	ng #	92
90) Dibenzo(a,h)anthracene	30.00	278	773996	46.187	ng #	94
91) Benzo(g,h,i)perylene	31.26	276	725779	45.065	ng #	86

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



#1

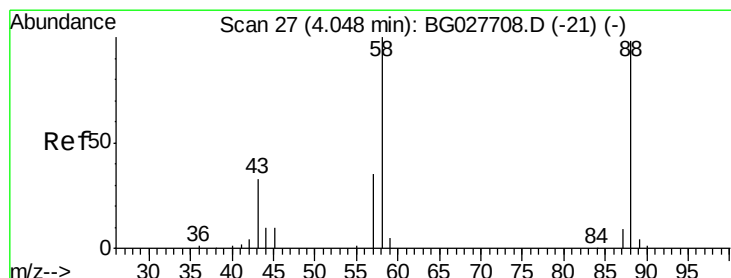
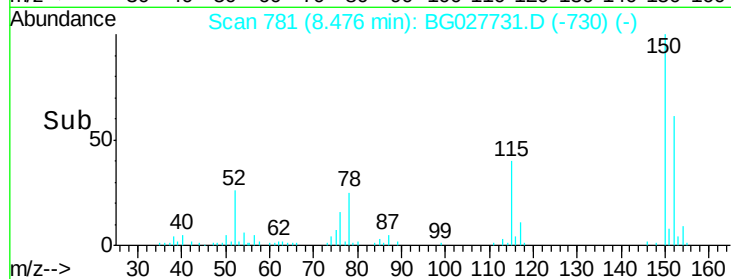
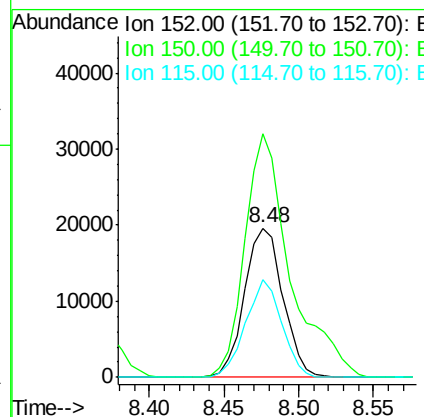
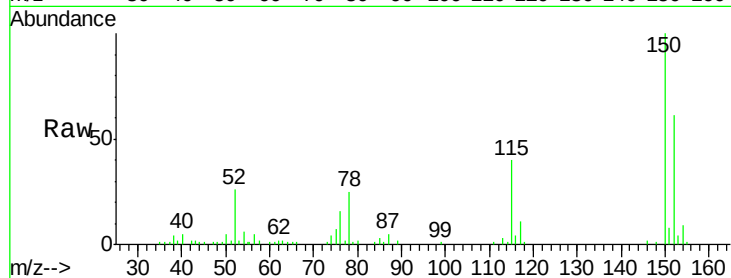
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.9	114.0	171.0
115	65.6	48.1	72.1

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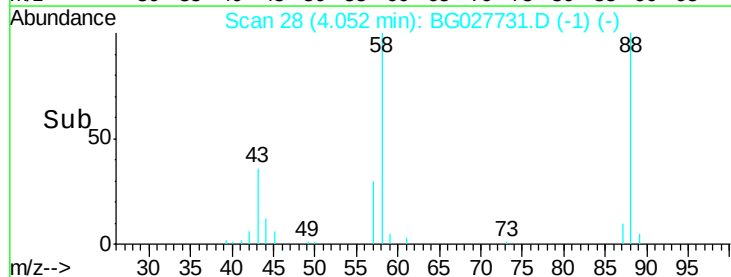
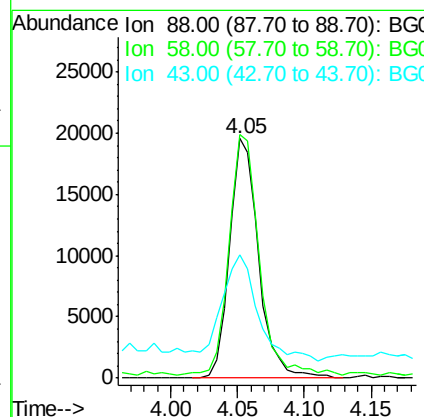
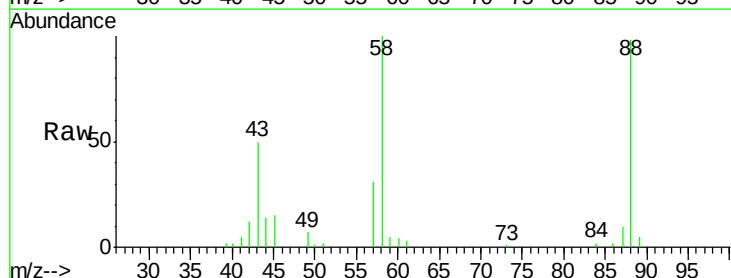
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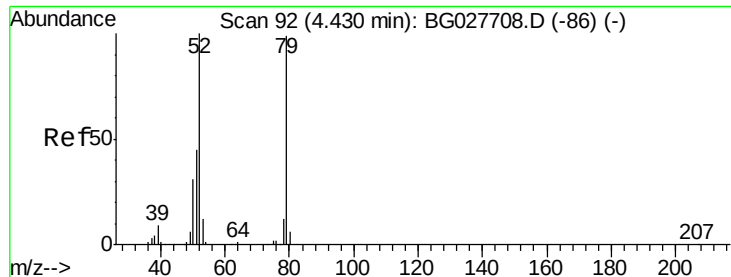


#2

1,4-Dioxane
Concen: 35.331 ng
RT: 4.05 min Scan# 28
Delta R.T. 0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.5	79.4	119.2
43	53.6	33.8	50.6





#3

Pyridine

Concen: 26.800 ng

RT: 4.44 min Scan# 94

Delta R.T. 0.01 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

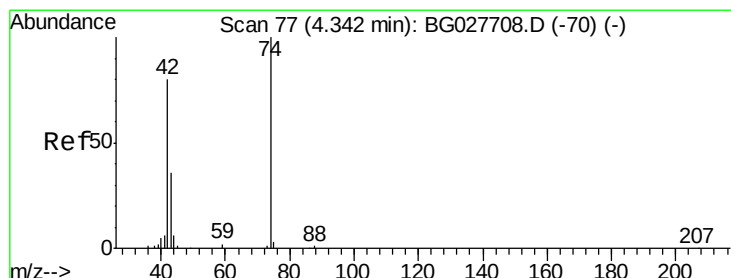
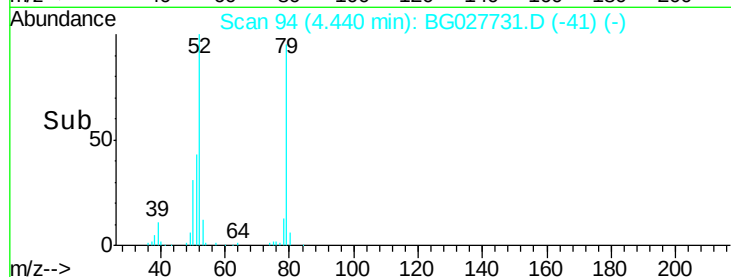
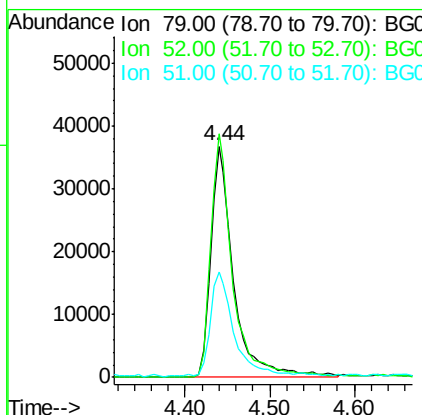
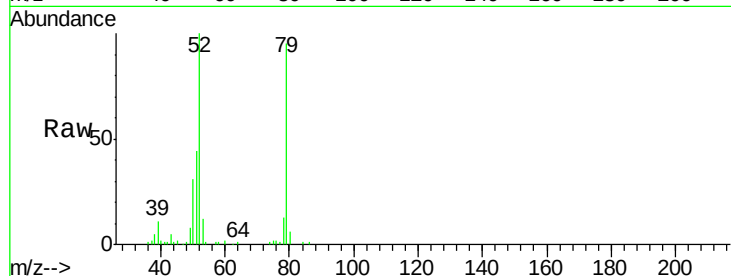
ClientSampleId :

HD-01-062617MSD

Tgt Ion:	79	Resp:	69704
Ion	Ratio	Lower	Upper
79	100		
52	105.2	77.8	116.6
51	45.8	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 39.131 ng

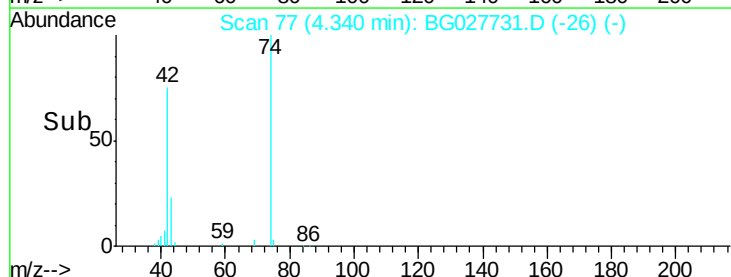
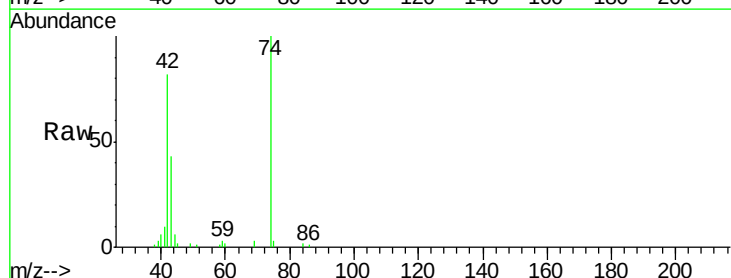
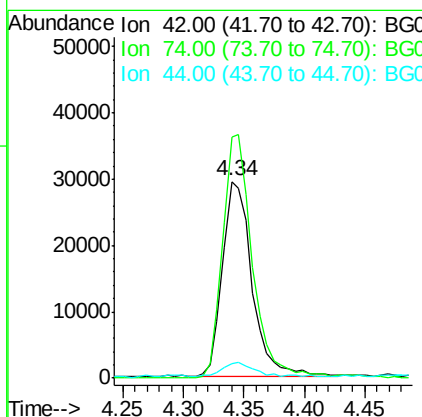
RT: 4.34 min Scan# 77

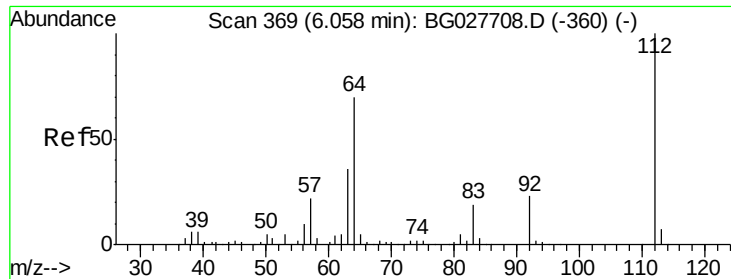
Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Tgt Ion:	42	Resp:	49909
Ion	Ratio	Lower	Upper
42	100		
74	122.5	76.7	115.1#
44	7.6	6.1	9.1





#5

2-Fluorophenol

Concen: 144.533 ng

RT: 6.06 min Scan# 370

Delta R.T. 0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

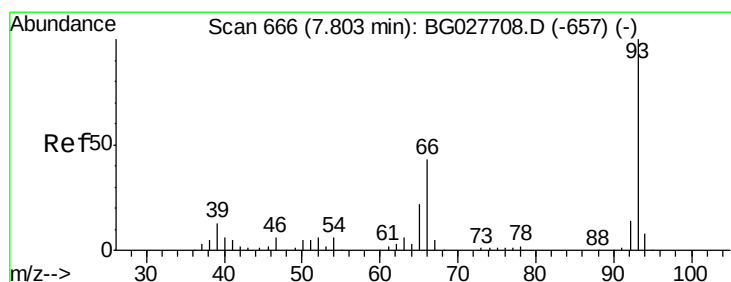
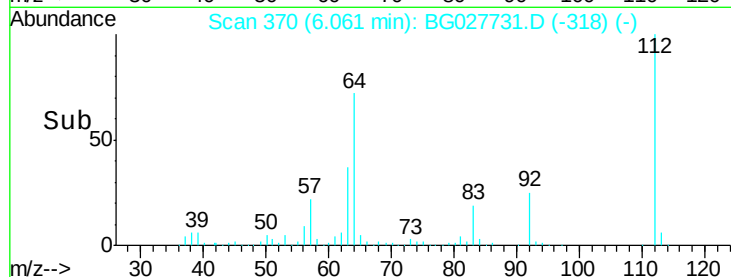
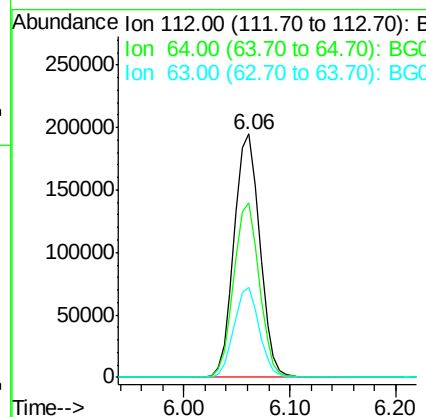
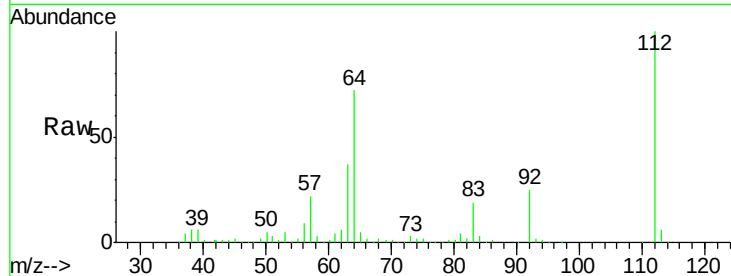
ClientSampleId :

HD-01-062617MSD

Tgt Ion:	112	Resp:	327903
Ion Ratio	Lower	Upper	
112	100		
64	71.9	61.8	92.6
63	36.7	37.2	55.8#

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#6

Aniline

Concen: 29.840 ng

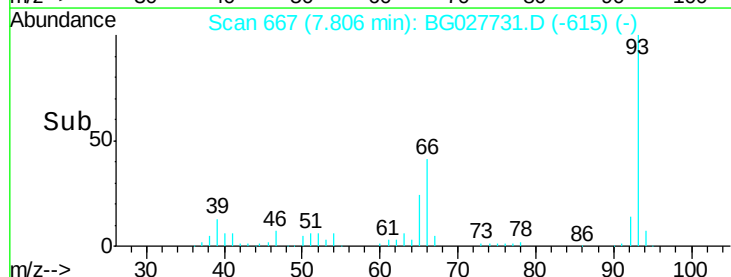
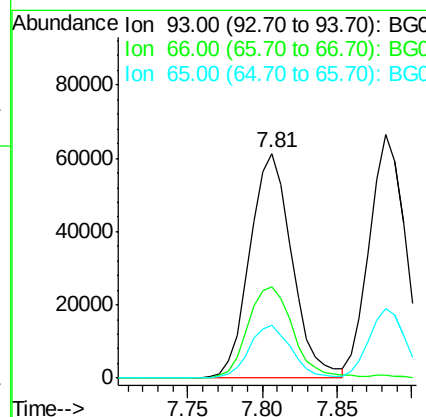
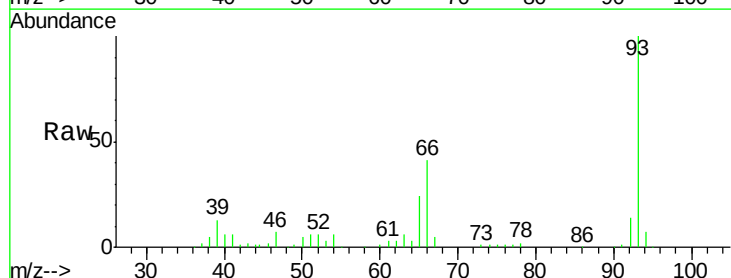
RT: 7.81 min Scan# 667

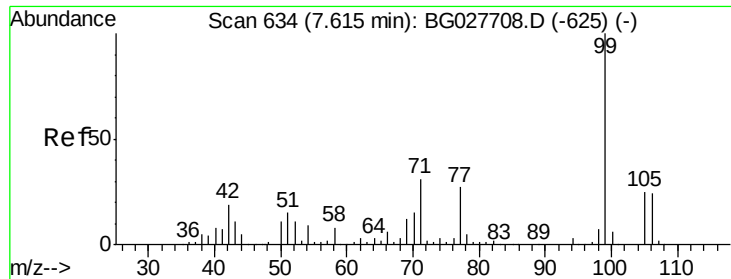
Delta R.T. 0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Tgt Ion:	93	Resp:	119880
Ion Ratio	Lower	Upper	
93	100		
66	40.7	35.4	53.2
65	23.8	21.2	31.8





#7

Phenol-d6

Concen: 130.522 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

ClientSampleId :

HD-01-062617MSD

Tgt Ion: 99 Resp: 452374

Ion Ratio Lower Upper

99 100

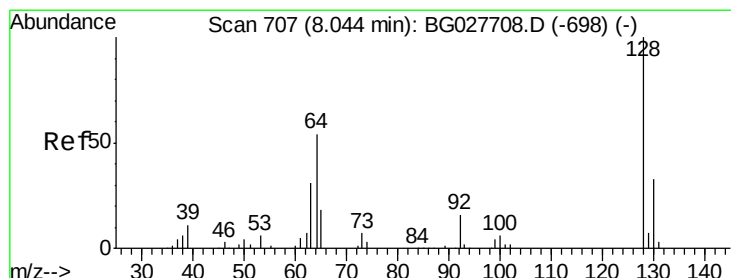
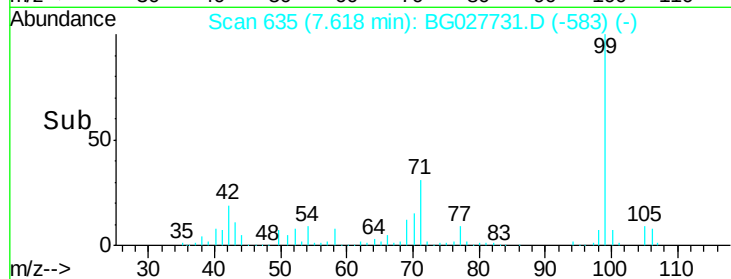
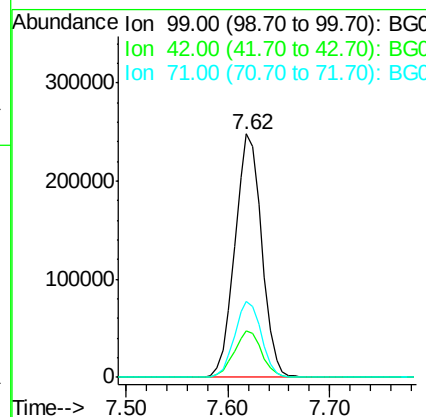
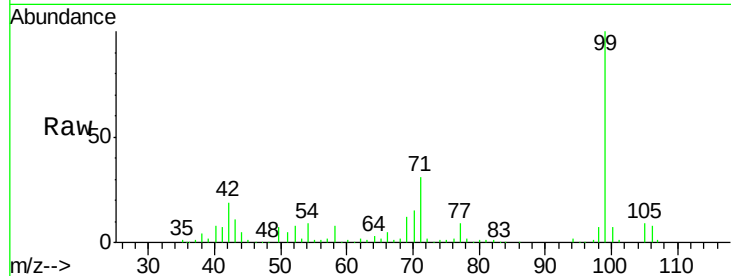
42 19.1 20.5 30.7#

71 31.3 37.6 56.4#

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#8

2-Chlorophenol

Concen: 49.081 ng

RT: 8.04 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

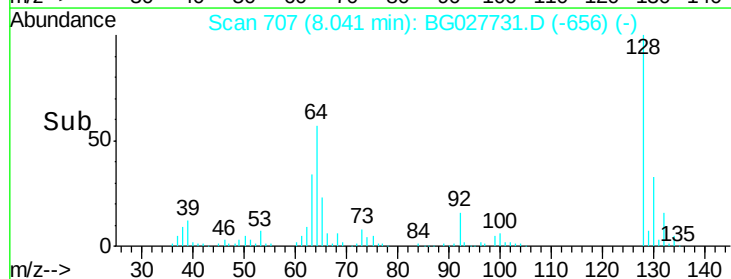
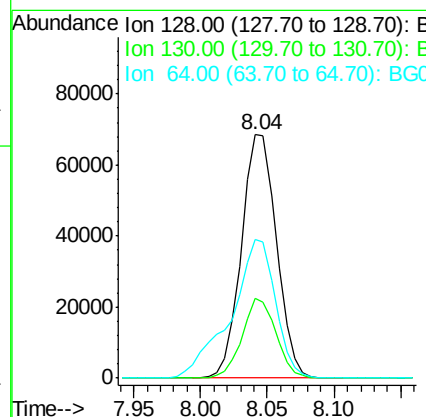
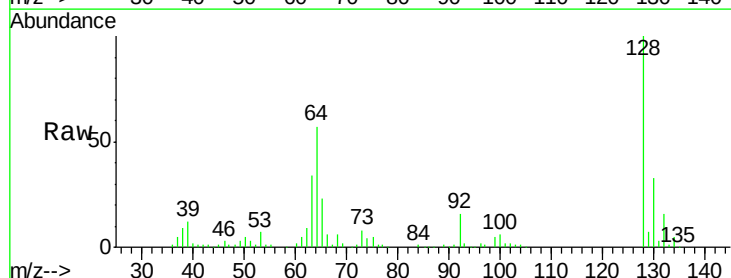
Tgt Ion: 128 Resp: 124427

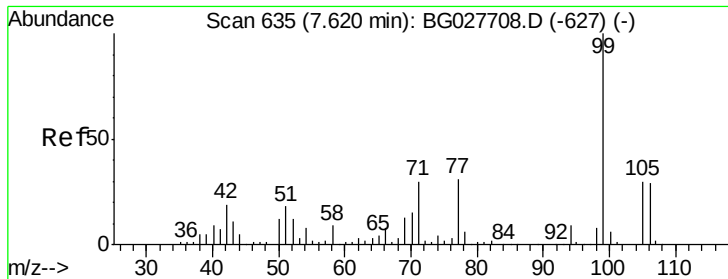
Ion Ratio Lower Upper

128 100

130 32.6 11.4 51.4

64 56.9 46.6 86.6





#9

Benzaldehyde

Concen: 20.674 ng

RT: 7.62 min Scan# 635

Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

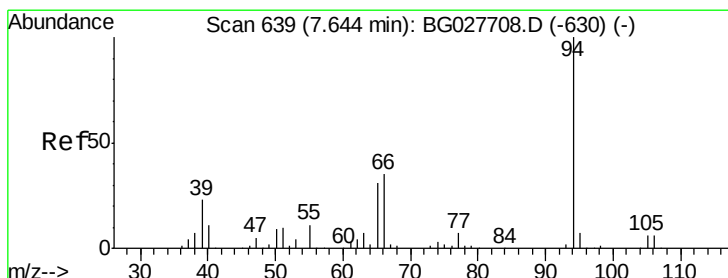
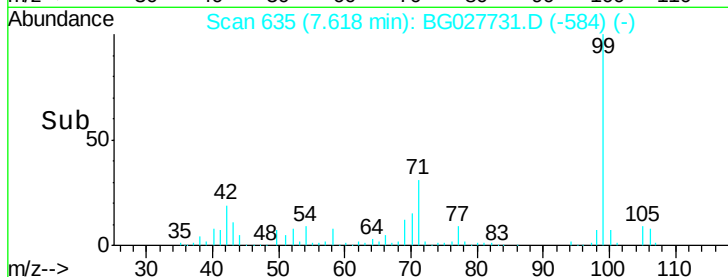
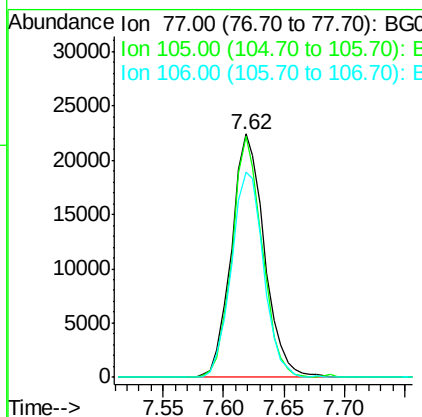
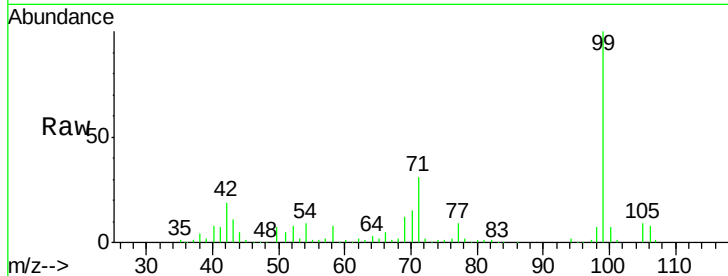
ClientSampleId :

HD-01-062617MSD

Tgt Ion:	77	Resp:	42637
Ion Ratio	Lower	Upper	
77	100		
105	99.1	60.9	100.9
106	84.2	55.1	95.1

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#10

Phenol

Concen: 44.855 ng

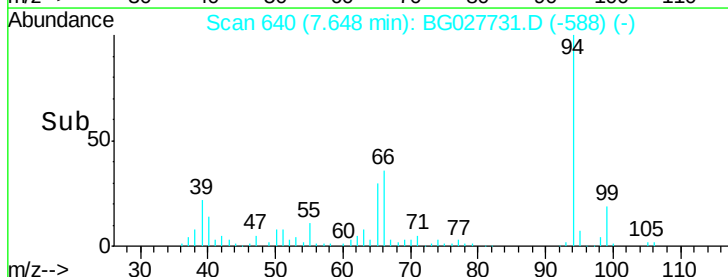
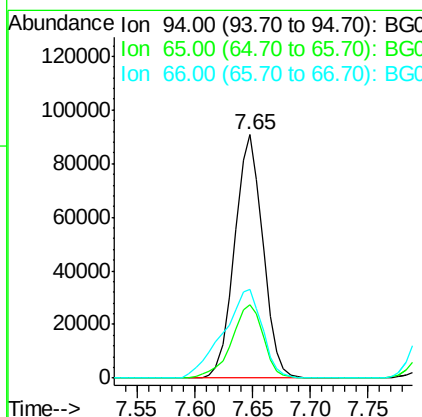
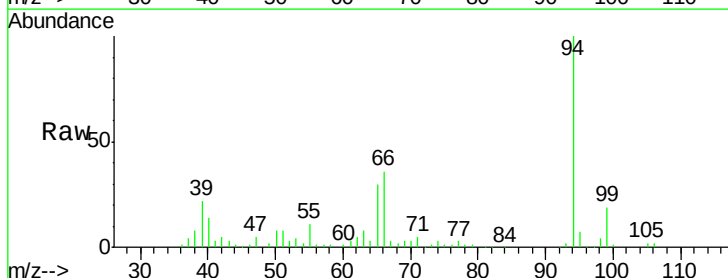
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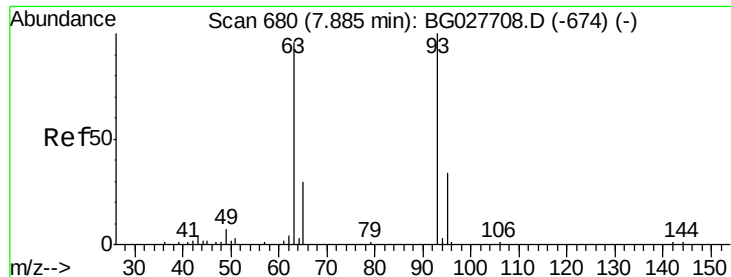
Delta R.T. 0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Tgt Ion:	94	Resp:	153808
Ion Ratio	Lower	Upper	
94	100		
65	30.4	20.6	60.6
66	36.3	35.5	75.5





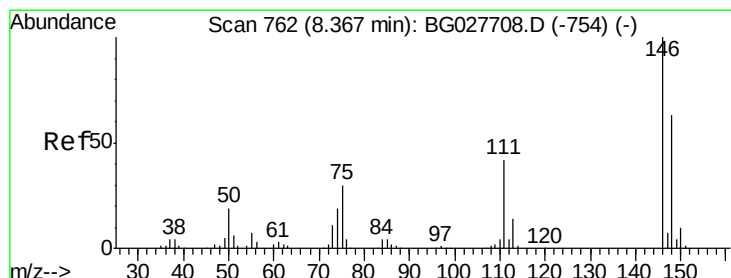
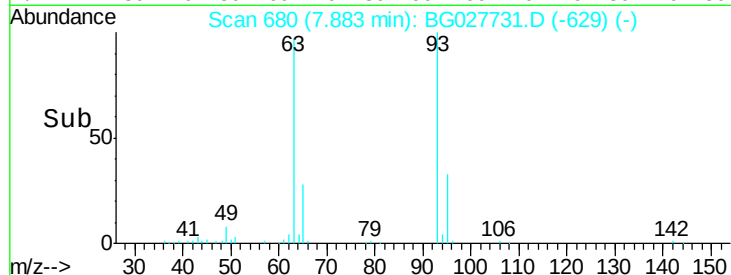
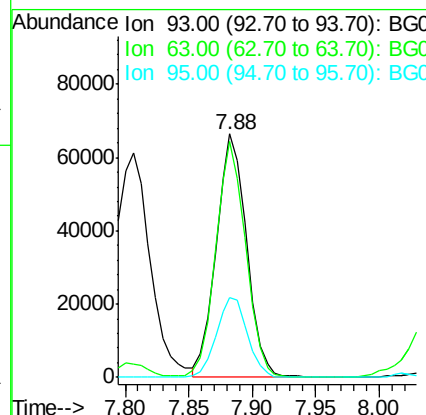
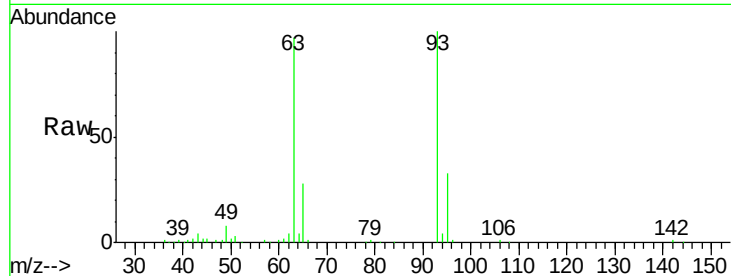
#11
bis(2-Chloroethyl)ether
Concen: 42.662 ng
RT: 7.88 min Scan# 680
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	96.7	78.5	118.5
95	32.9	9.8	49.8

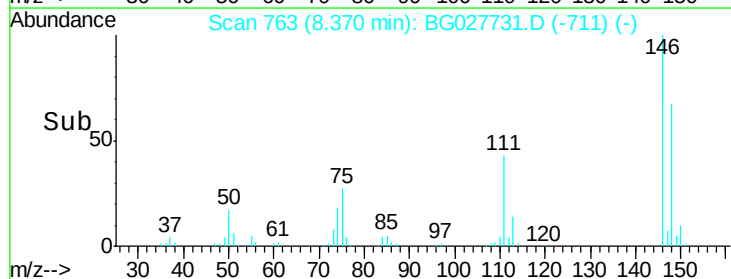
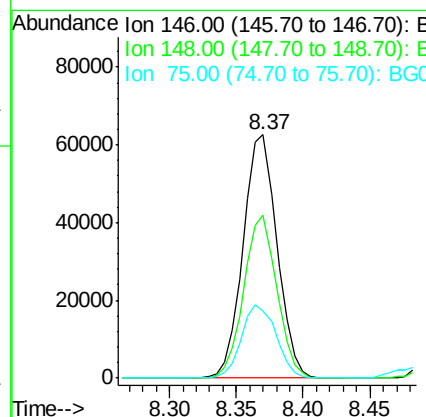
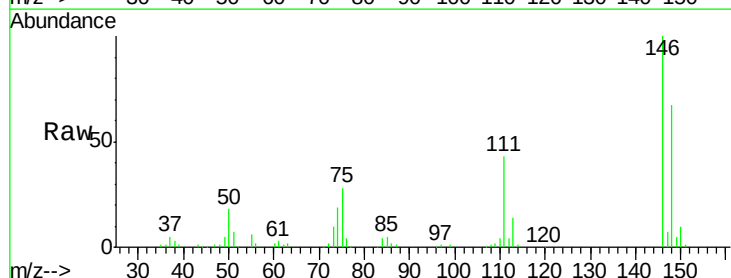
Manual Integrations
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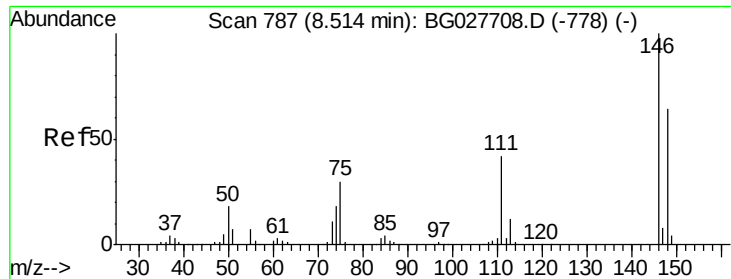
mohammad
6/29/2017 4:49:13 PM



#12
1,3-Dichlorobenzene
Concen: 40.819 ng
RT: 8.37 min Scan# 763
Delta R.T. 0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	49.2	73.8
75	27.8	33.4	50.2#





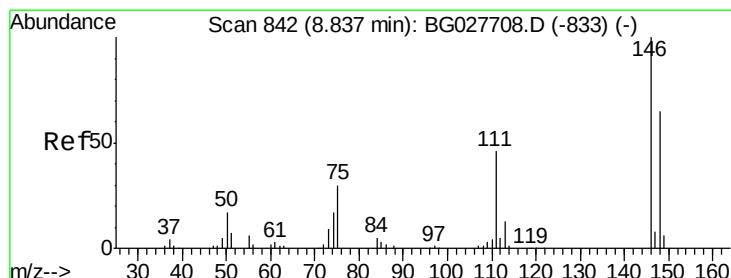
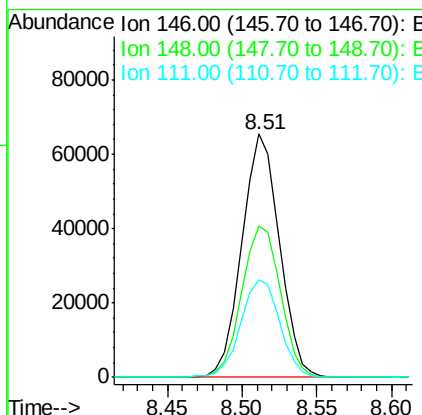
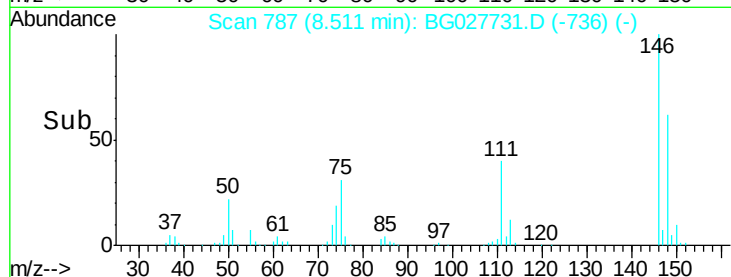
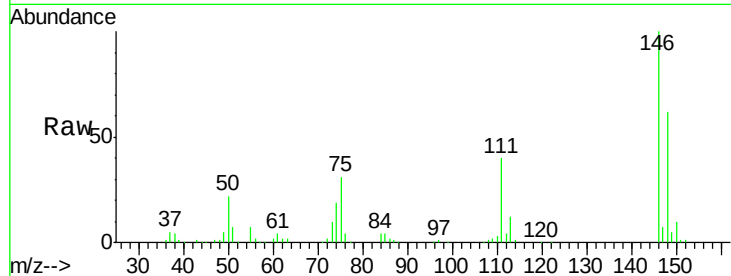
#13
 1,4-Dichlorobenzene
 Concen: 40.745 ng
 RT: 8.51 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.2	78.2
111	40.0	37.0	55.6

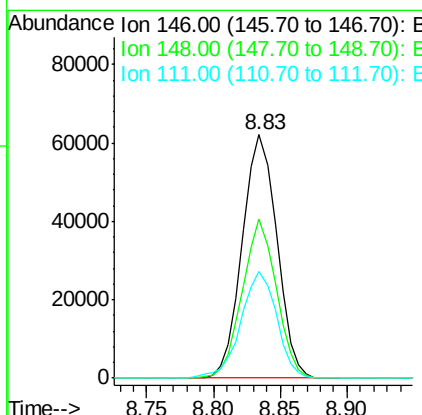
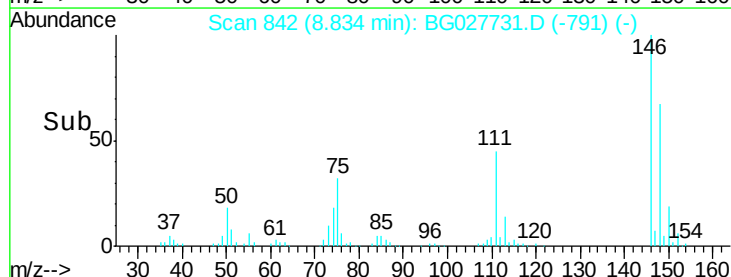
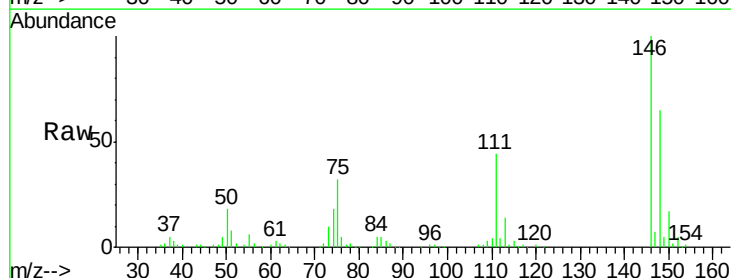
Manual Integrations
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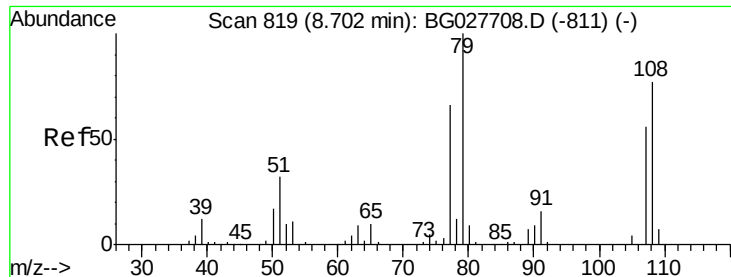
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.146 ng
 RT: 8.83 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	54.6	81.8
111	43.9	39.7	59.5





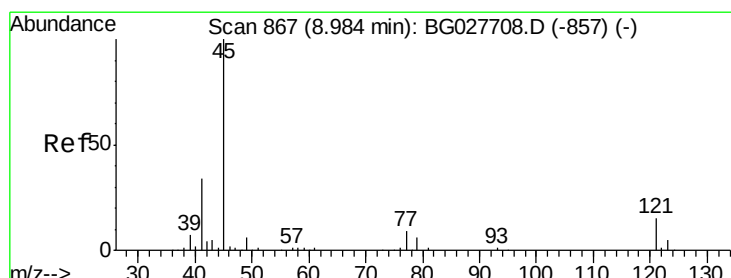
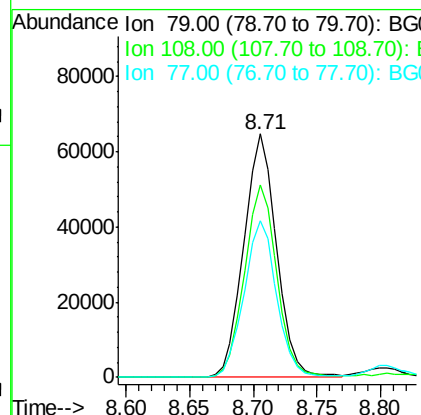
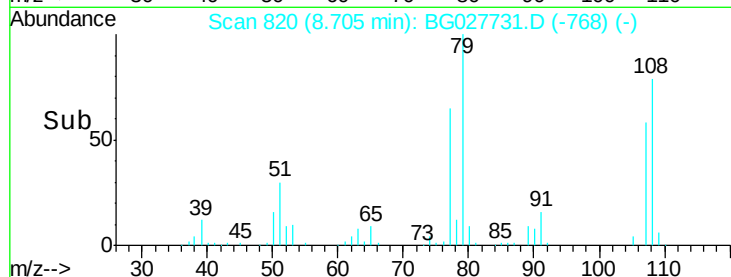
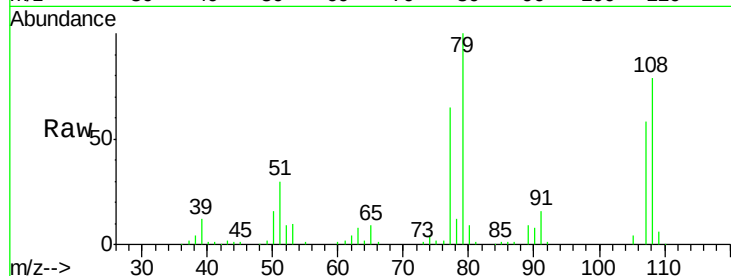
#15
Benzyl Alcohol
Concen: 48.544 ng
RT: 8.71 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	116390		
108	79.2	45.5	68.3#	
77	64.5	54.3	81.5	

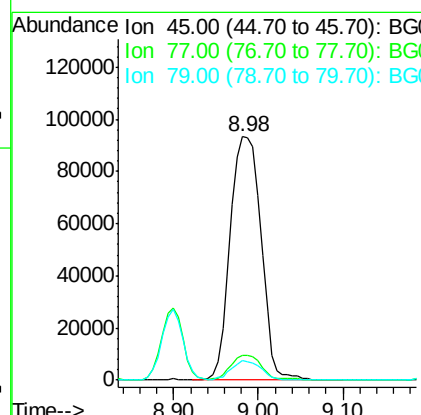
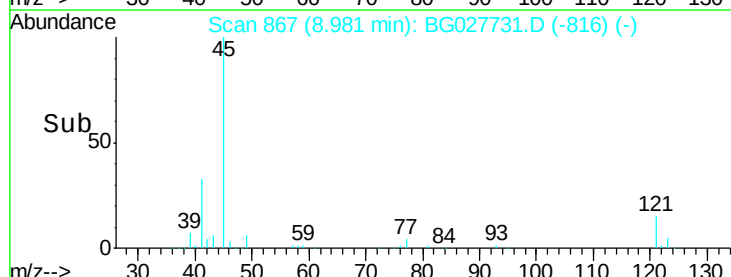
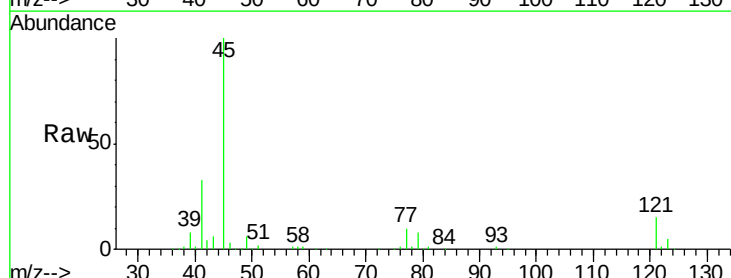
Manual Integrations
APPROVED

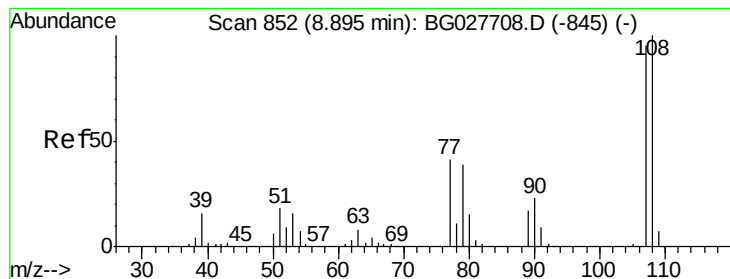
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.079 ng
RT: 8.98 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	233771		
77	10.1	0.0	30.6	
79	8.2	0.0	28.5	





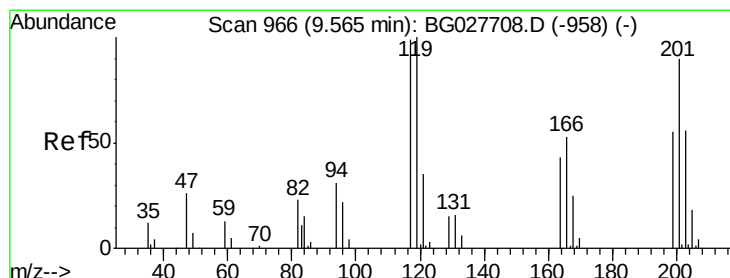
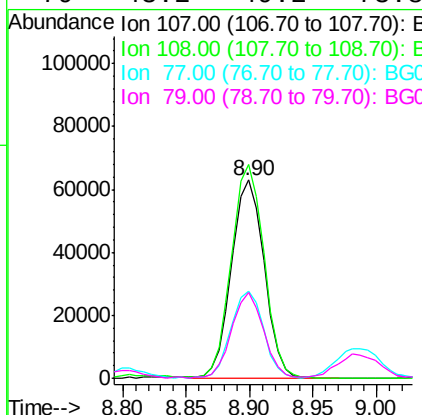
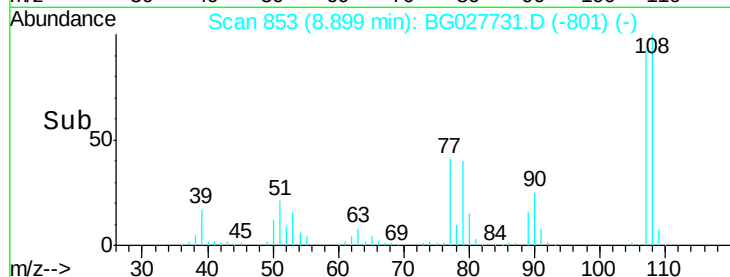
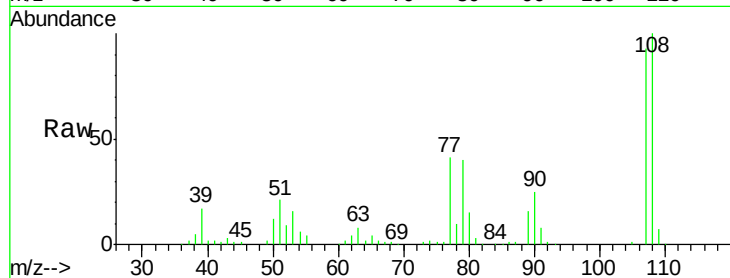
#17
2-Methylphenol
Concen: 46.571 ng
RT: 8.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	112980		
108	107.9	85.6	128.4	
77	44.1	51.4	77.2#	
79	43.2	49.2	73.8#	

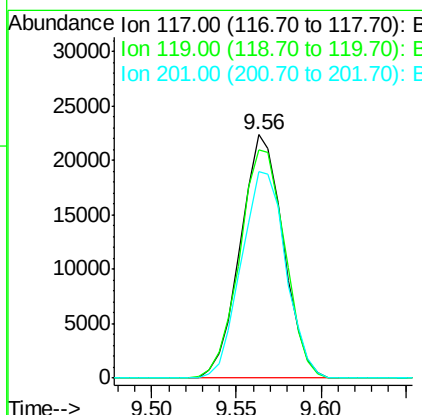
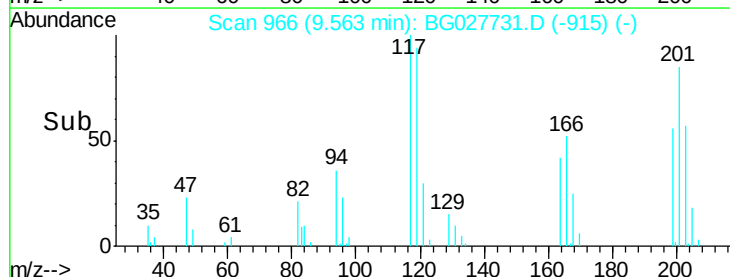
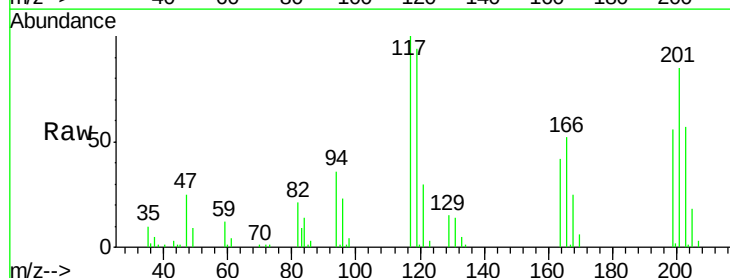
Manual Integrations
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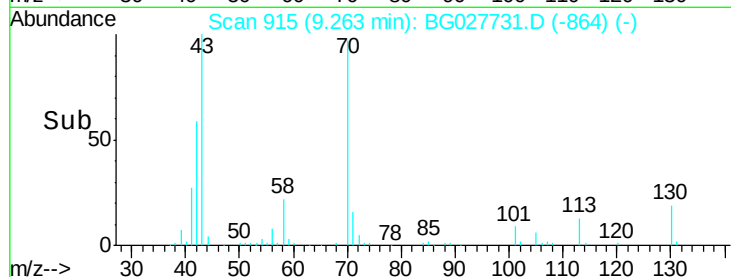
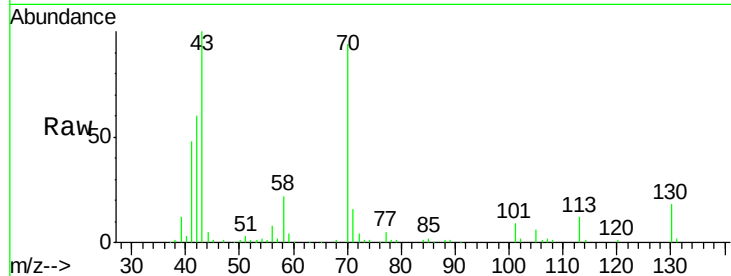
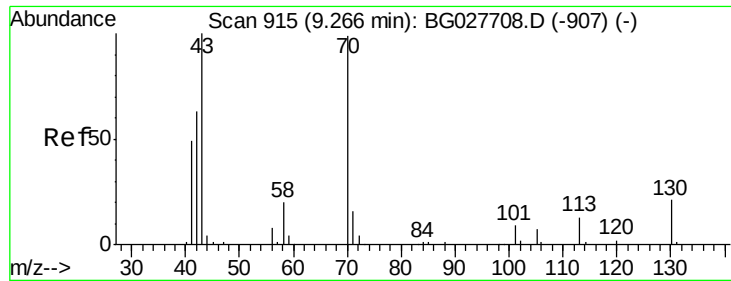
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#18
Hexachloroethane
Concen: 40.245 ng
RT: 9.56 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39555		
119	93.6	69.8	104.6	
201	84.7	95.4	143.0#	





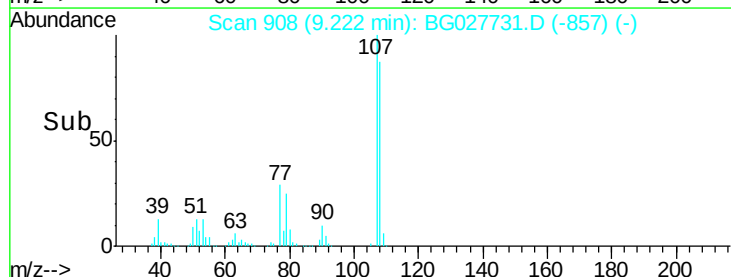
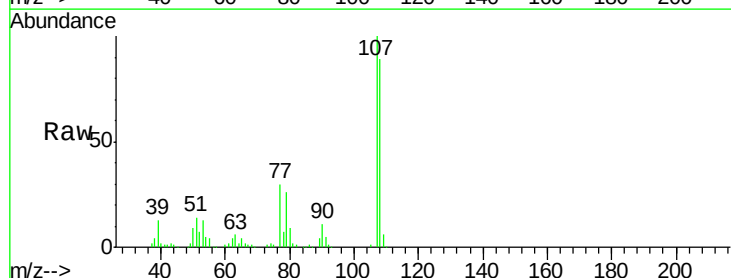
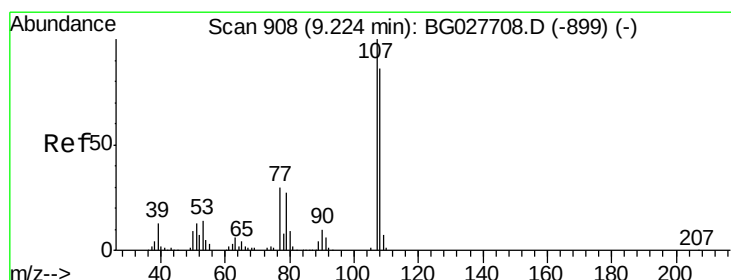
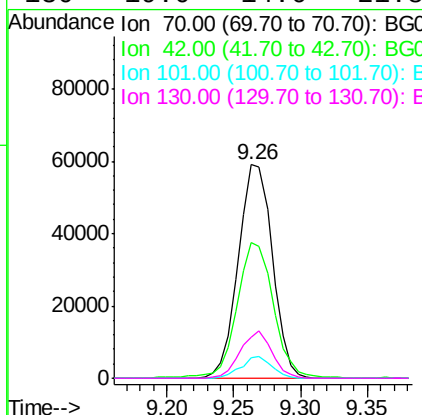
#19
n-Nitroso-di-n-propylamine
Concen: 41.553 ng
RT: 9.26 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.6	56.1	84.1
101	9.6	7.5	11.3
130	19.0	14.6	21.8

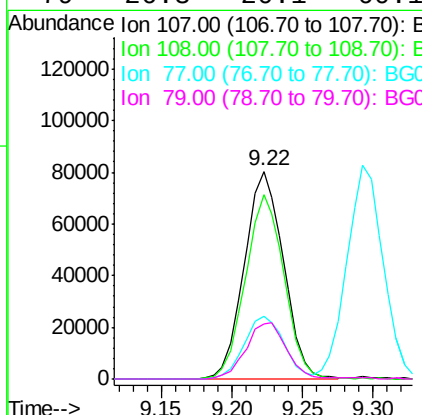
Manual Integrations
APPROVED

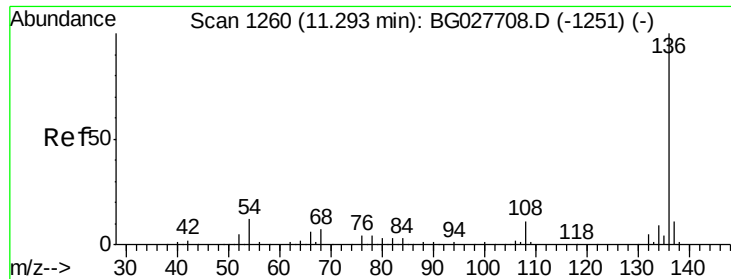
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#20
3+4-Methylphenols
Concen: 44.596 ng
RT: 9.22 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.8	110.8
77	30.4	25.8	65.8
79	26.3	20.1	60.1





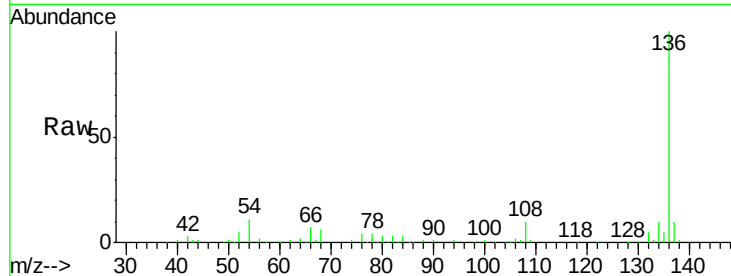
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.30 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

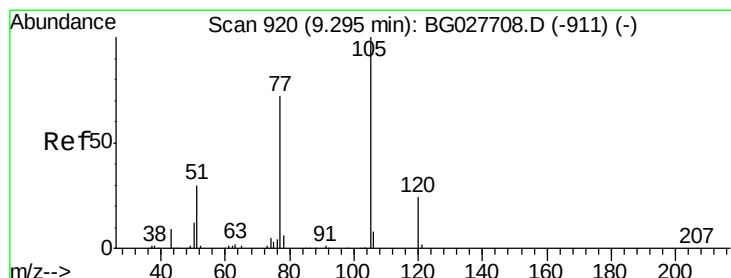
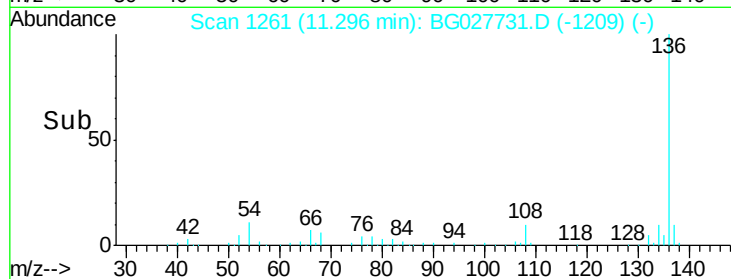
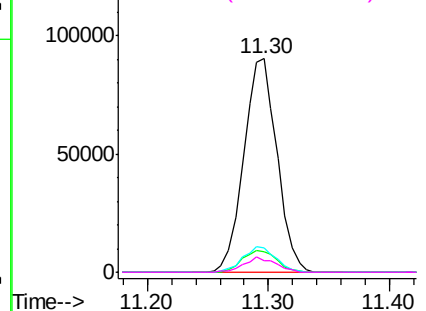
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	172427		
137	9.7	8.9	13.3	
54	11.4	9.3	13.9	
68	5.5	5.1	7.7	

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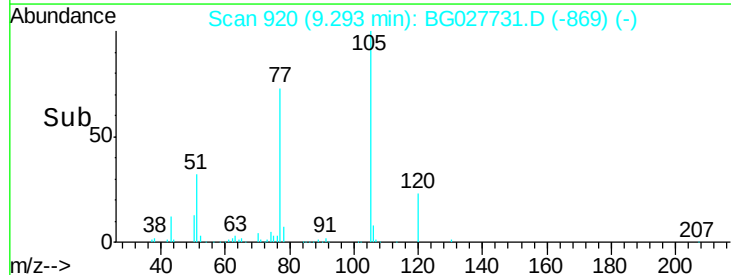
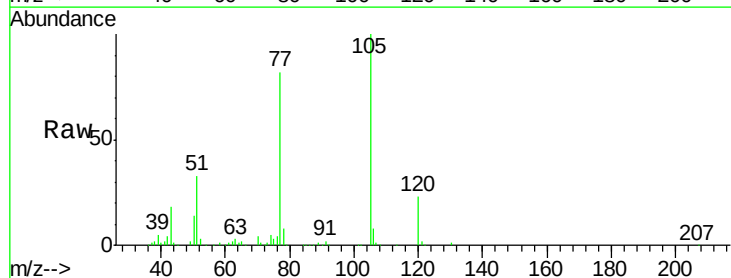
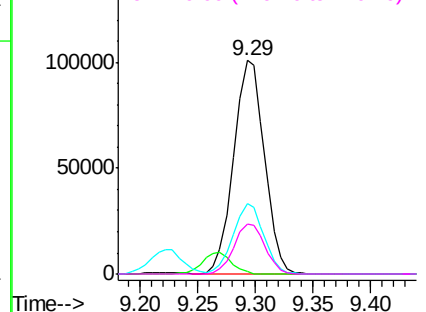
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

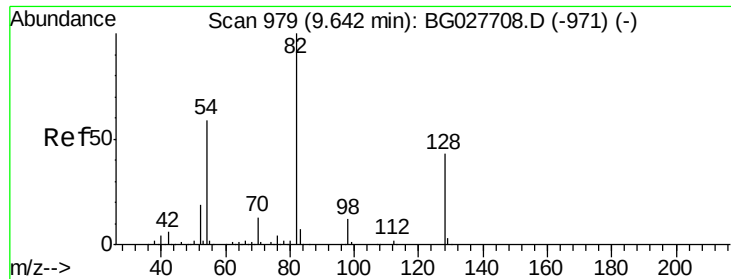


#22
Acetophenone
Concen: 44.867 ng
RT: 9.29 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	186685		
71	1.0	0.9	1.3	
51	33.2	34.0	51.0#	
120	23.2	17.3	25.9	

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





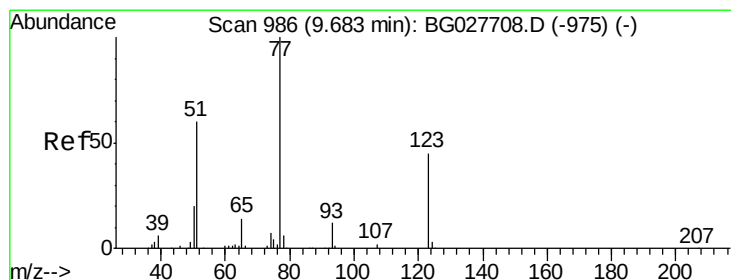
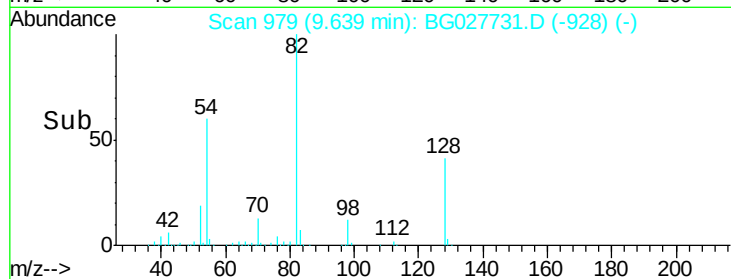
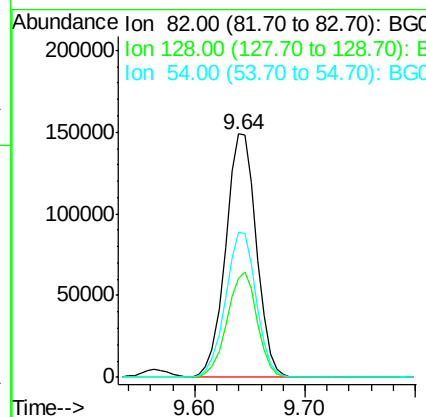
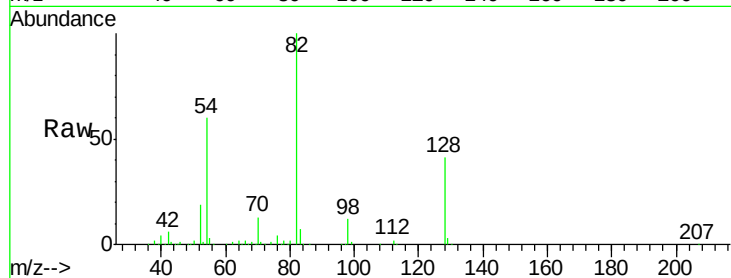
#23
 Nitrobenzene-d5
 Concen: 93.601 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.9	26.4	39.6#
54	59.7	49.4	74.2

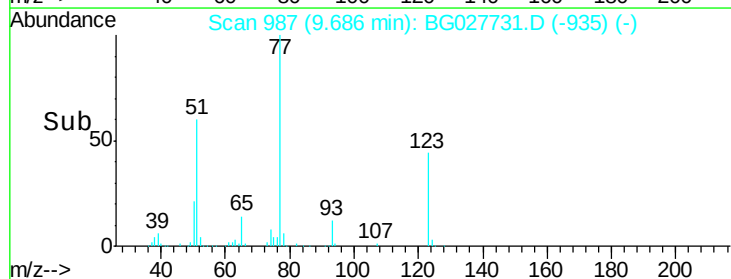
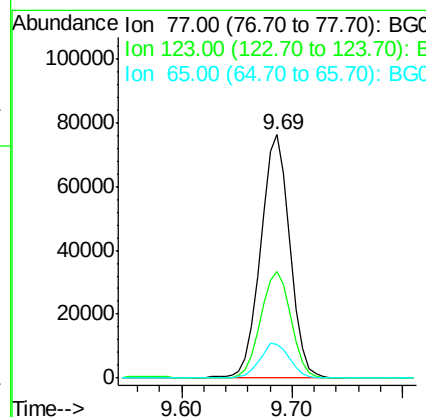
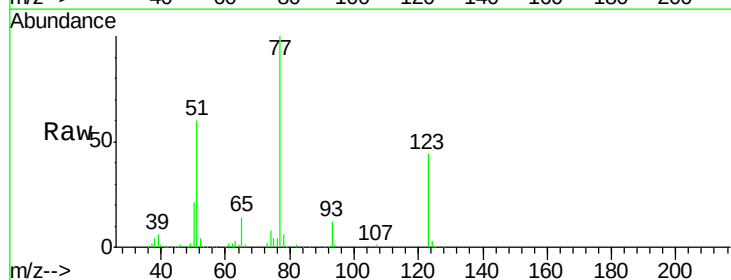
Manual Integrations
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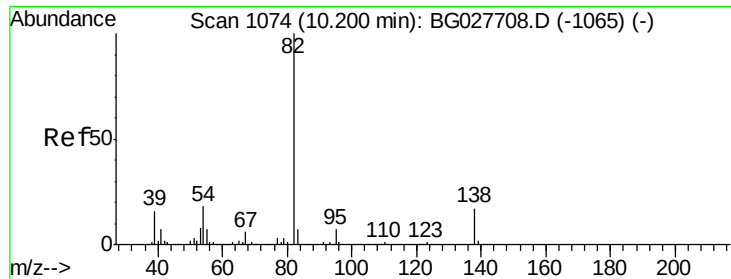
mohammad
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#24
 Nitrobenzene
 Concen: 43.771 ng
 RT: 9.69 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	43.6	26.1	39.1#
65	14.0	12.4	18.6





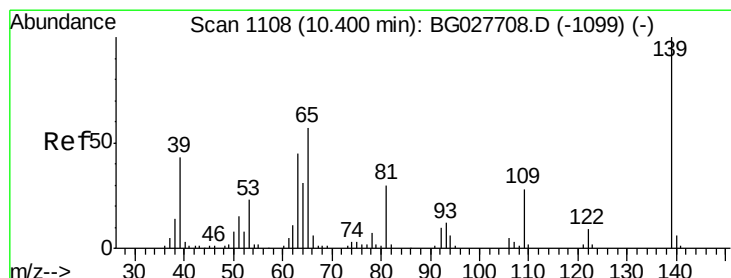
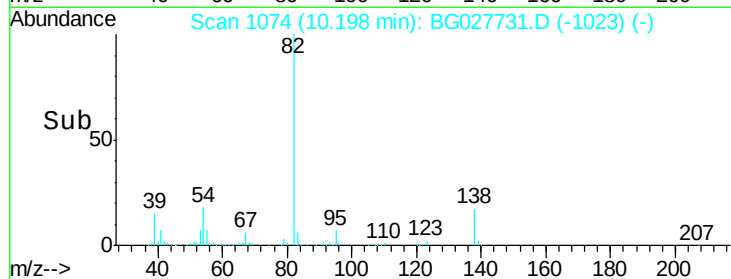
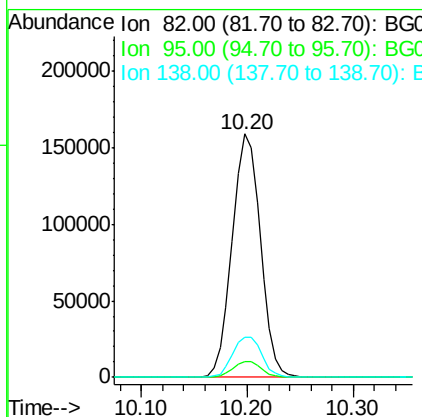
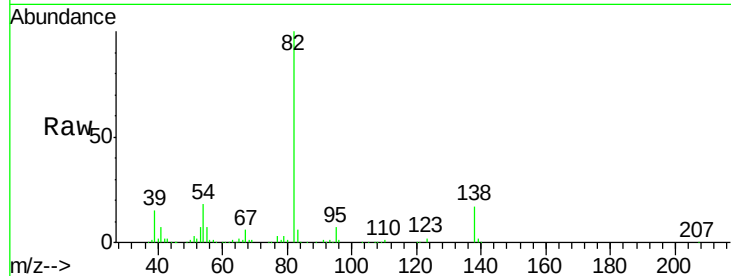
#25
Isophorone
Concen: 43.657 ng
RT: 10.20 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	7.5	11.3#
138	16.7	12.3	18.5

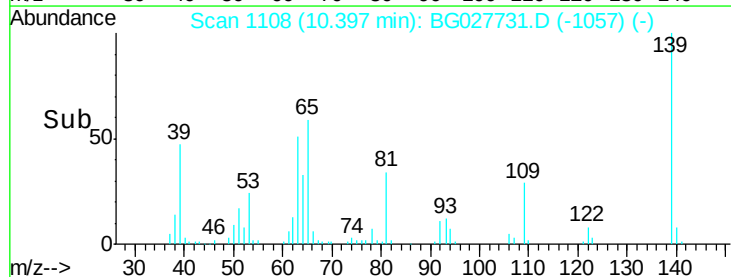
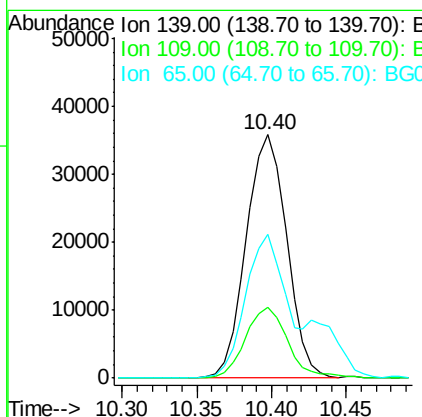
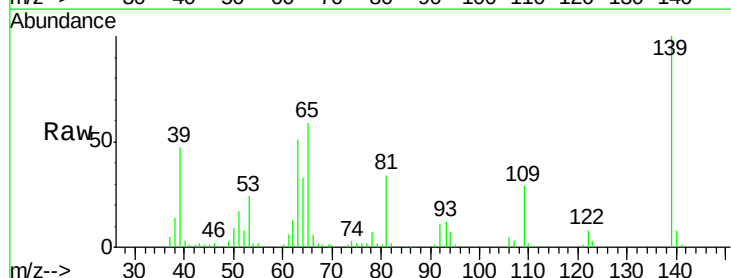
Manual Integrations
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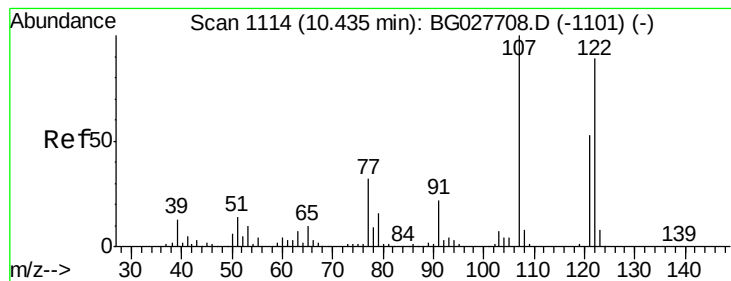
mohammad
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#26
2-Nitrophenol
Concen: 46.212 ng
RT: 10.40 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.3	38.6	58.0#
65	58.9	57.1	85.7





#27

2,4-Dimethylphenol

Concen: 49.349 ng

RT: 10.43 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

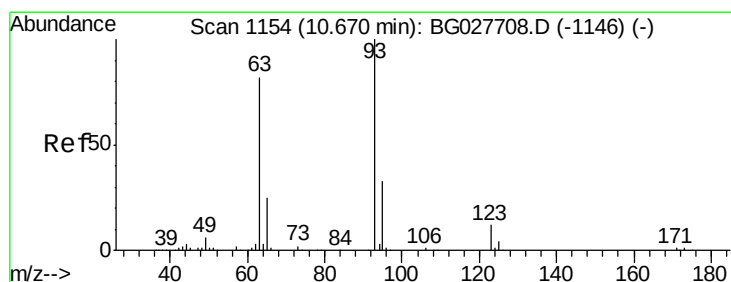
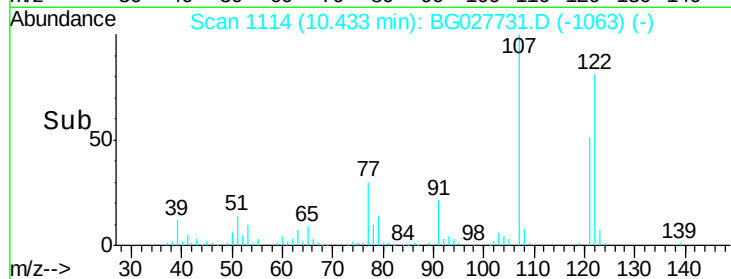
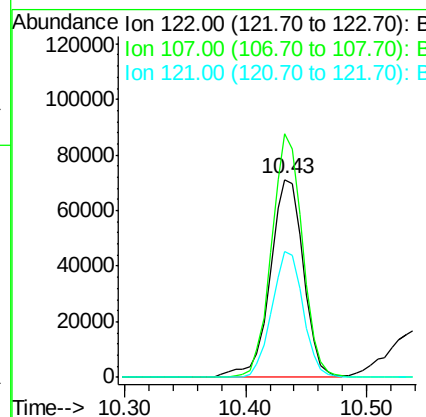
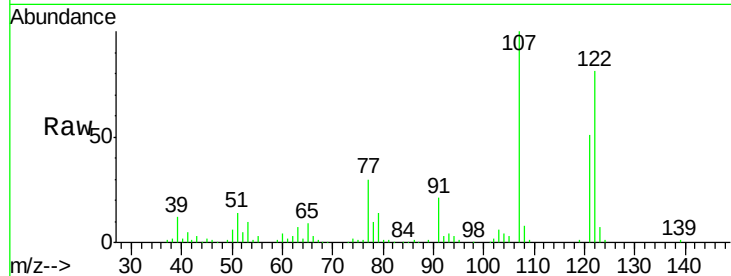
ClientSampleId :

HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	135022		
107	123.1	104.2	156.4	
121	63.4	46.0	69.0	

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 43.059 ng

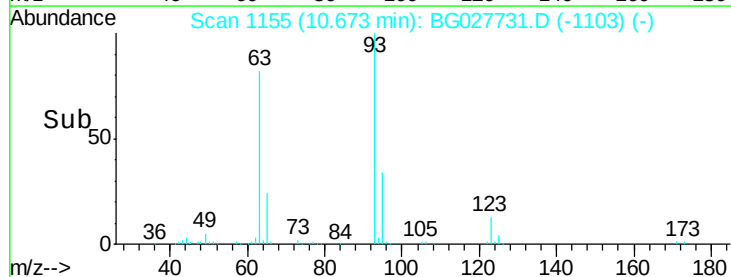
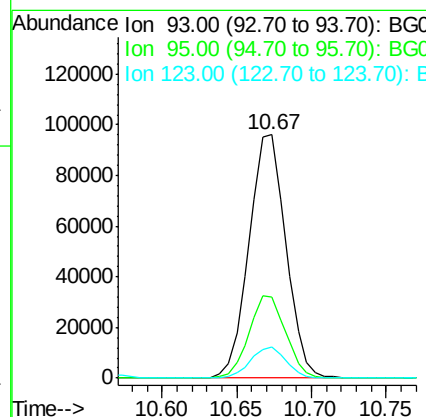
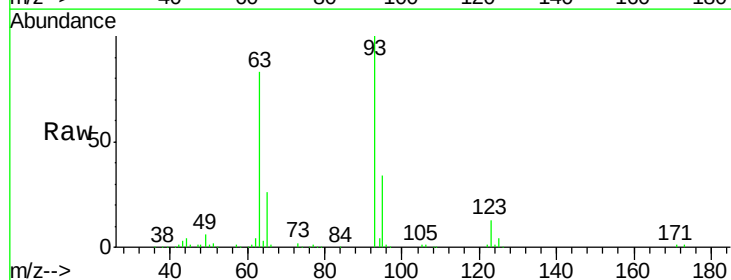
RT: 10.67 min Scan# 1155

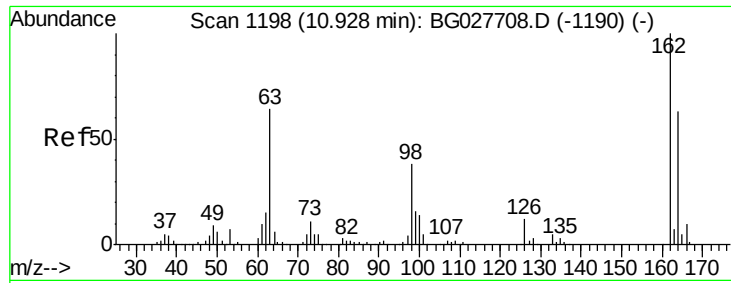
Delta R.T. 0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	164602		
95	33.5	25.7	38.5	
123	12.8	8.3	12.5#	





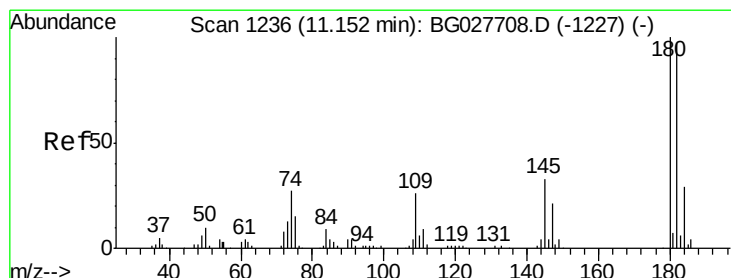
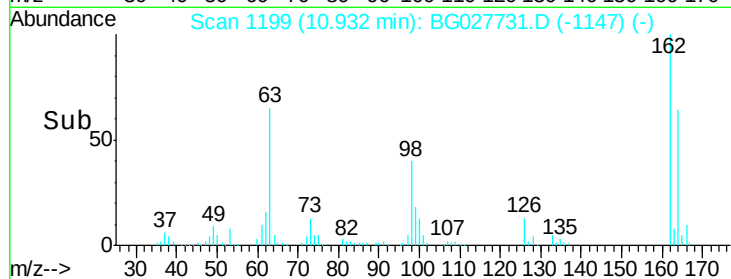
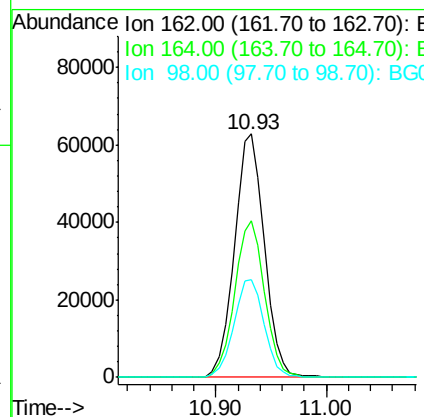
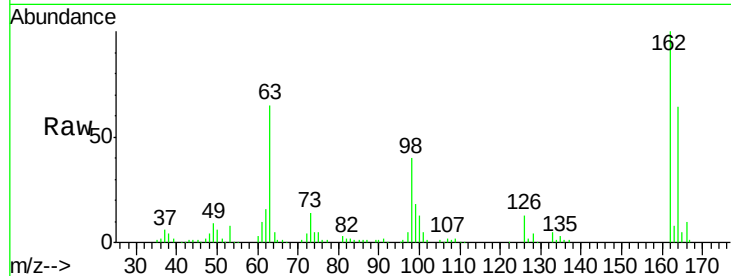
#29
 2,4-Dichlorophenol
 Concen: 49.821 ng
 RT: 10.93 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	42.4	82.4
98	40.0	20.3	60.3

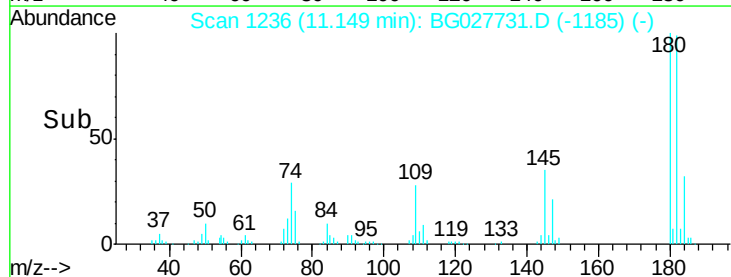
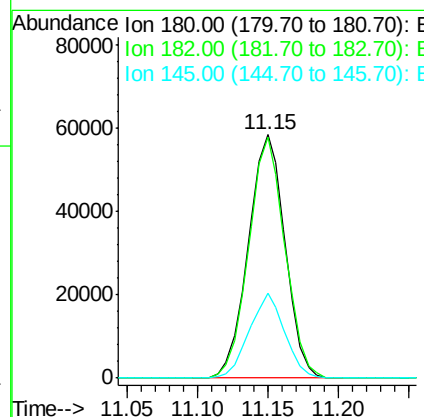
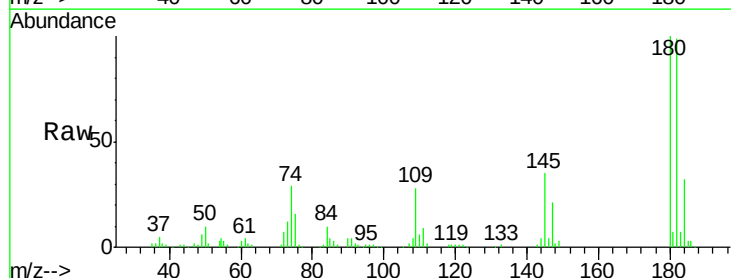
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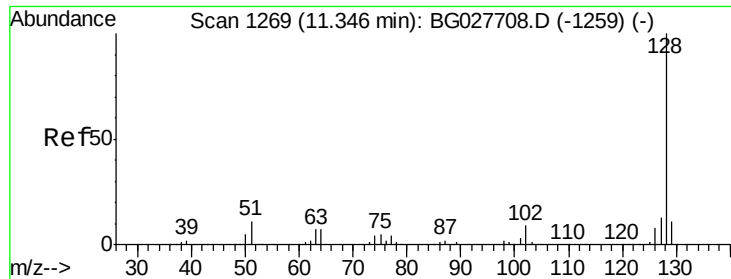
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.464 ng
 RT: 11.15 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.8	77.0	115.4
145	35.0	23.4	35.0





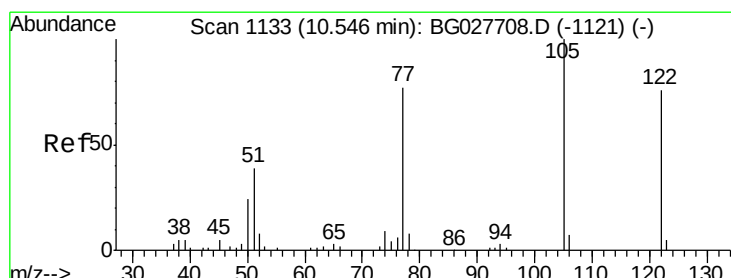
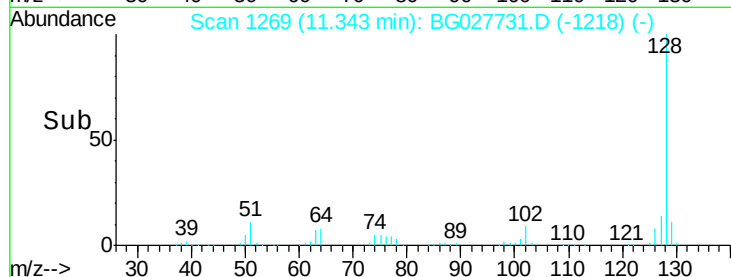
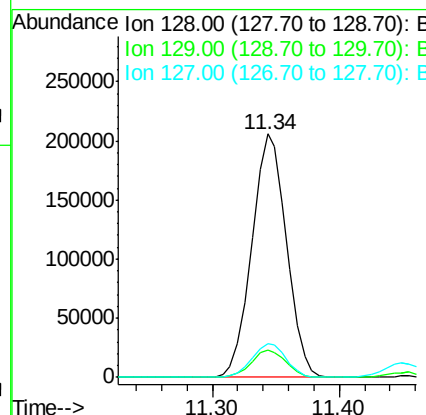
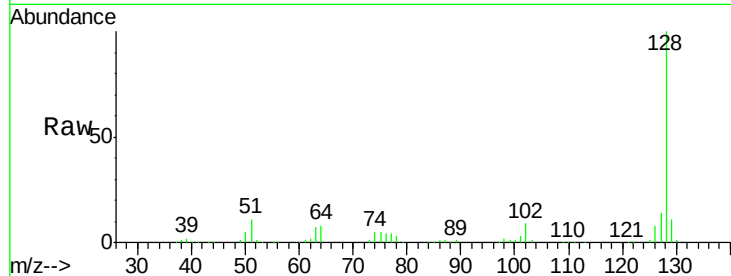
#31
Naphthalene
Concen: 42.586 ng
RT: 11.34 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	390495		
129	11.2	9.3	13.9	
127	13.7	11.4	17.0	

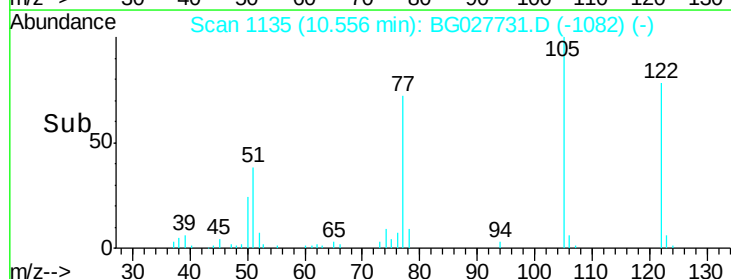
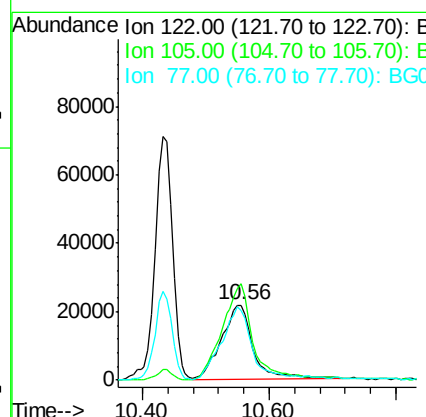
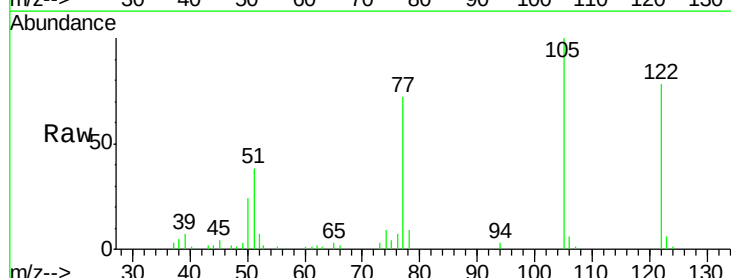
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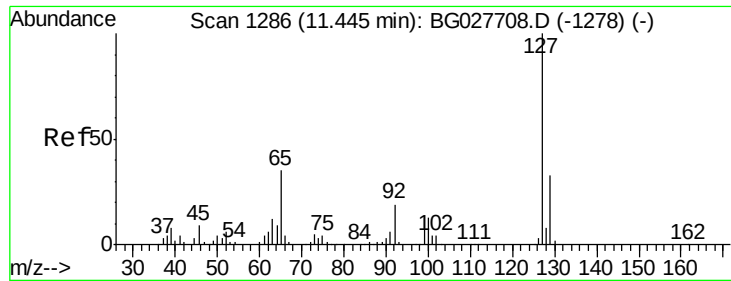
mohammad
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#32
Benzoic acid
Concen: 45.330 ng
RT: 10.56 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	74796		
105	128.0	120.1	160.1	
77	92.4	104.6	144.6	





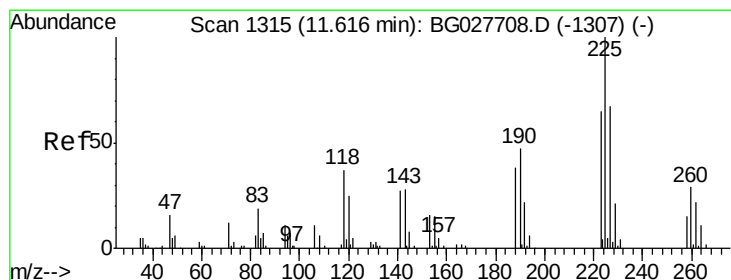
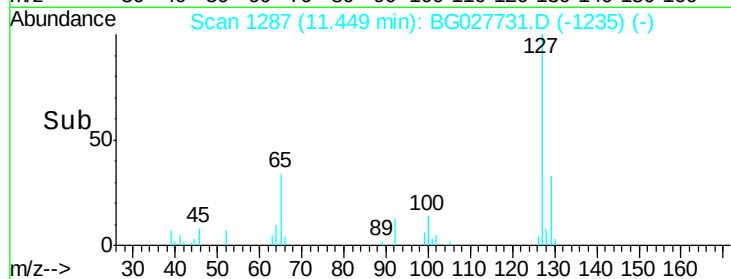
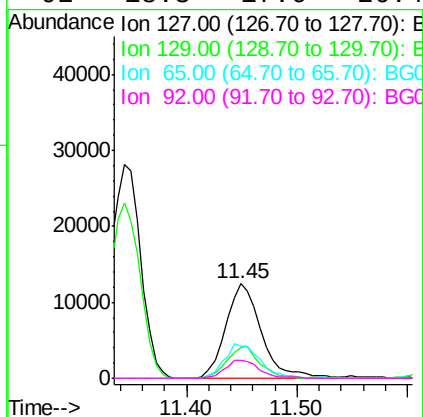
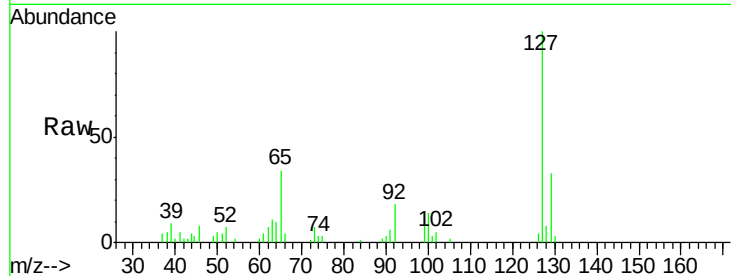
#33
4-Chloroaniline
Concen: 7.104 ng
RT: 11.45 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	23.6	35.4
65	34.1	37.7	56.5
92	18.3	17.6	26.4

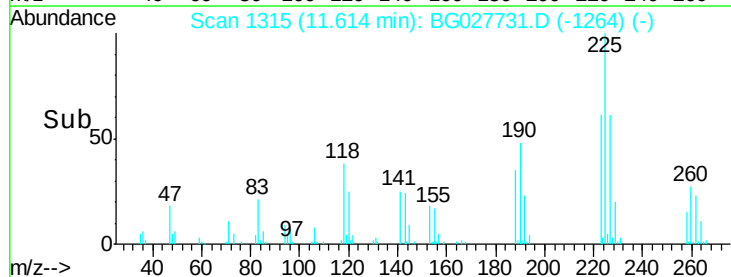
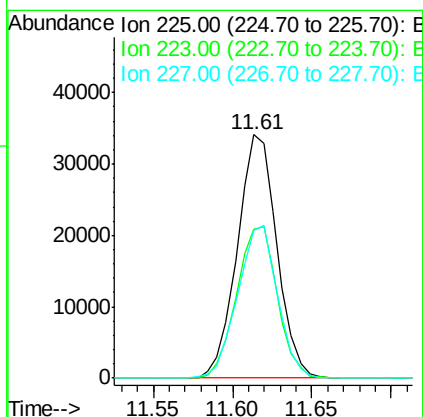
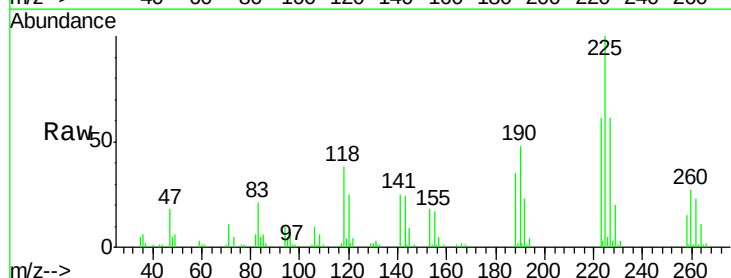
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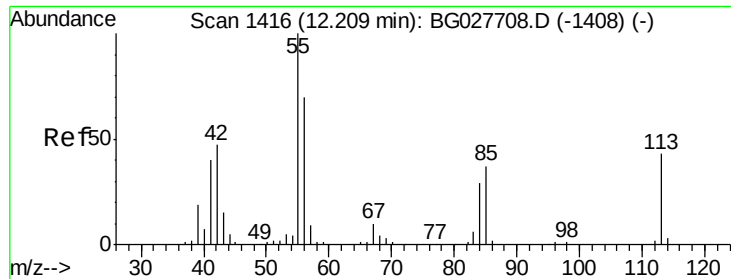
mohammad
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#34
Hexachlorobutadiene
Concen: 43.143 ng
RT: 11.61 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.7	76.1
227	60.8	49.0	73.6





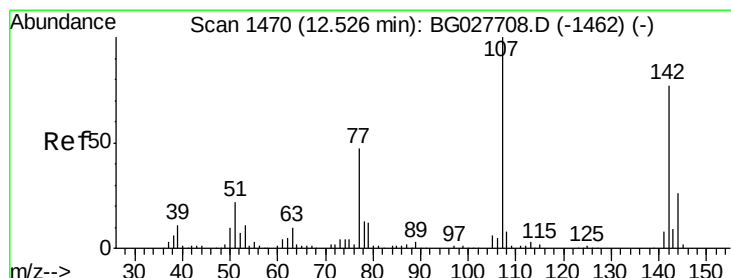
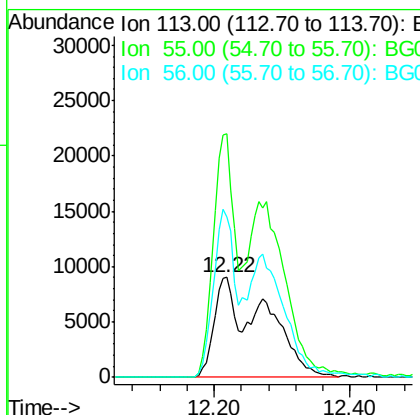
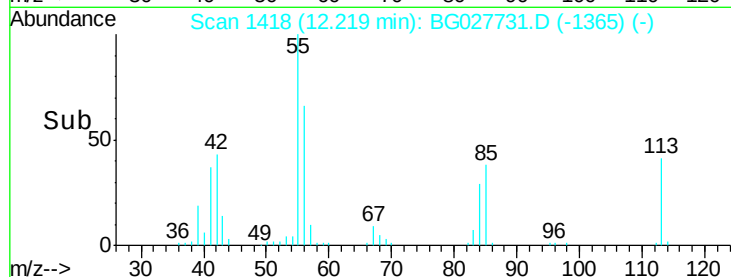
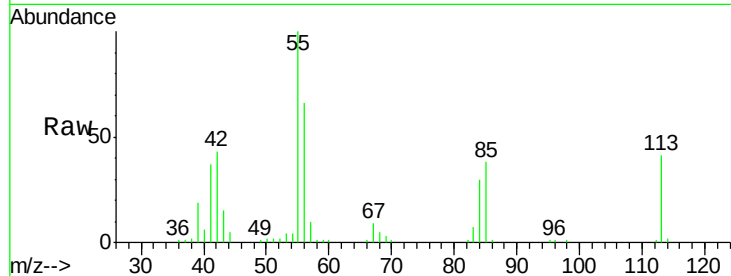
#35
 Caprolactam
 Concen: 37.961 ng m
 RT: 12.22 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion:113 Resp: 45782
 Ion Ratio Lower Upper
 113 100
 55 243.2 198.6 238.6#
 56 160.5 140.4 180.4

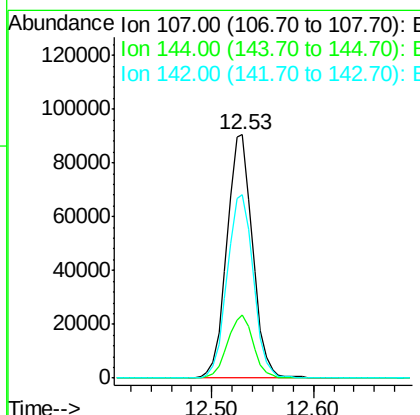
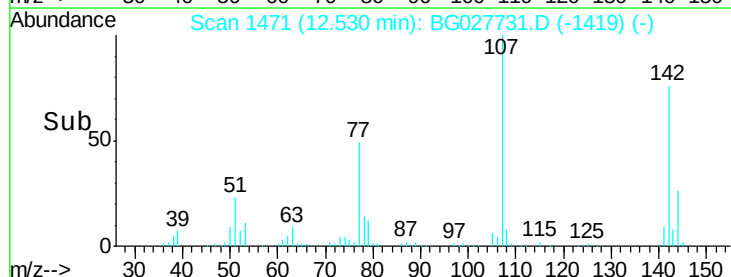
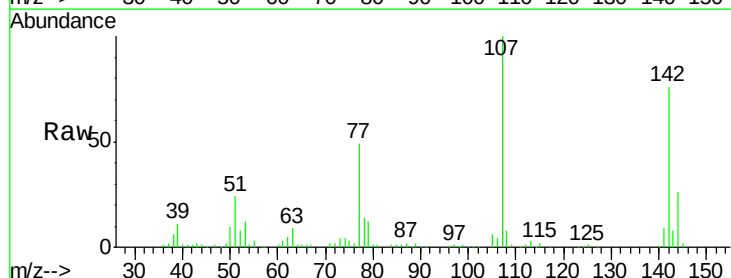
Manual Integrations
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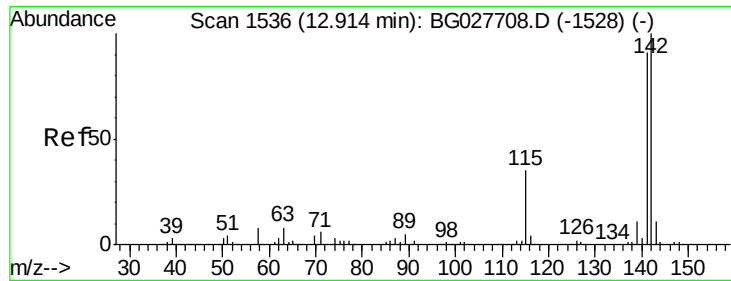
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 47.116 ng
 RT: 12.53 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion:107 Resp: 158972
 Ion Ratio Lower Upper
 107 100
 144 26.0 17.4 26.0
 142 75.5 54.1 81.1





#37

2-Methylnaphthalene

Concen: 43.727 ng m

RT: 12.91 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

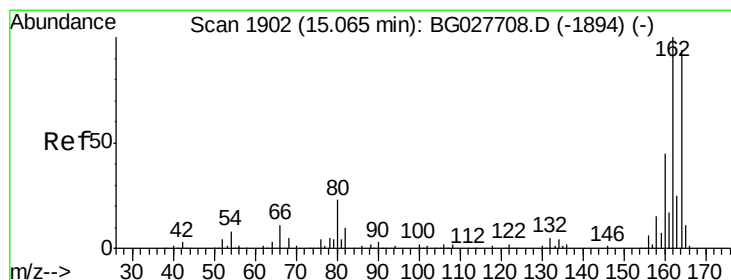
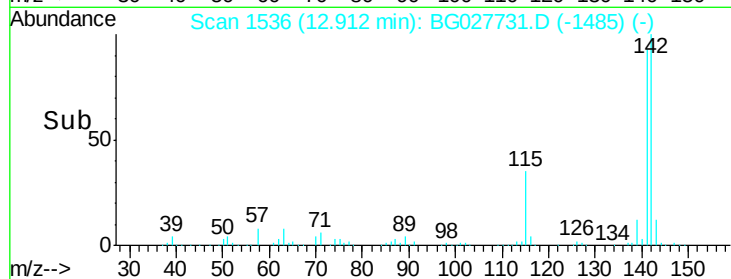
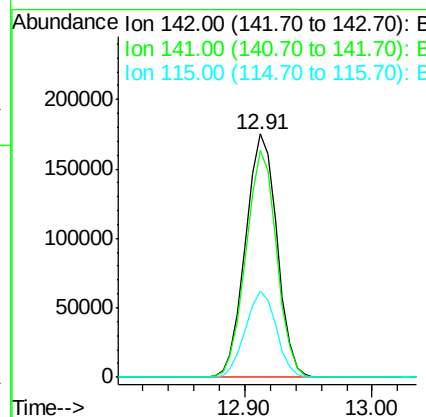
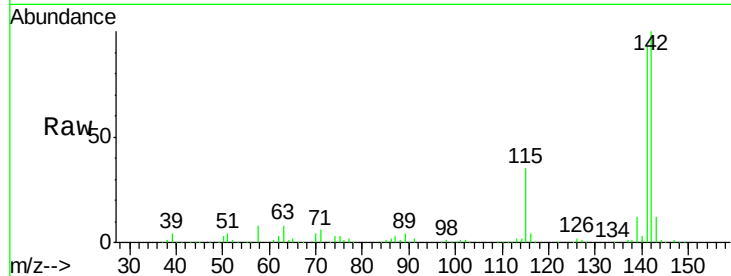
ClientSampleId :

HD-01-062617MSD

Tgt Ion:	142	Resp:	298643
Ion Ratio	Lower	Upper	
142	100		
141	93.0	70.4	105.6
115	35.5	35.5	53.3#

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

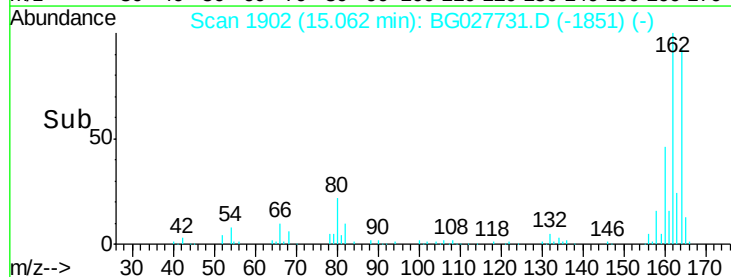
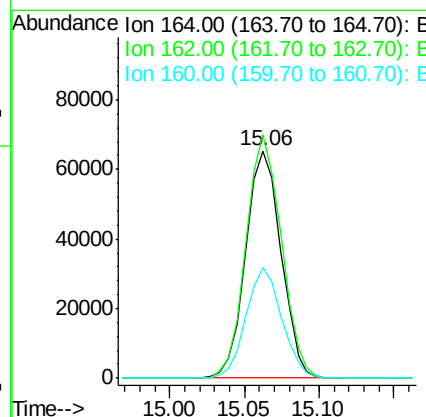
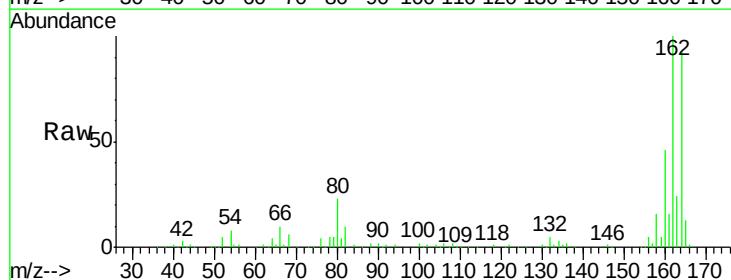
RT: 15.06 min Scan# 1902

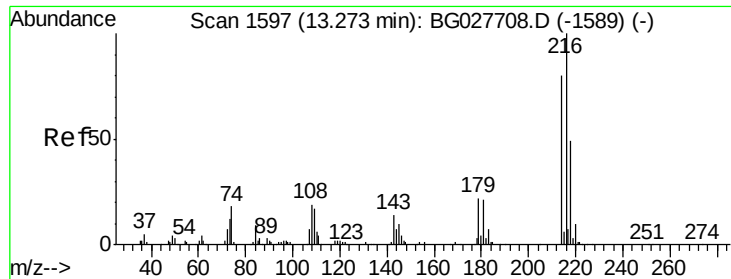
Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Tgt Ion:	164	Resp:	106985
Ion Ratio	Lower	Upper	
164	100		
162	107.2	85.1	127.7
160	48.8	34.7	52.1





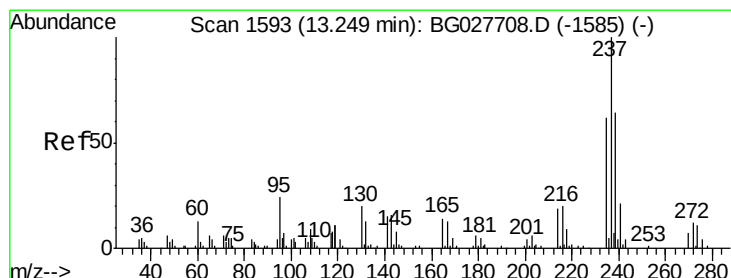
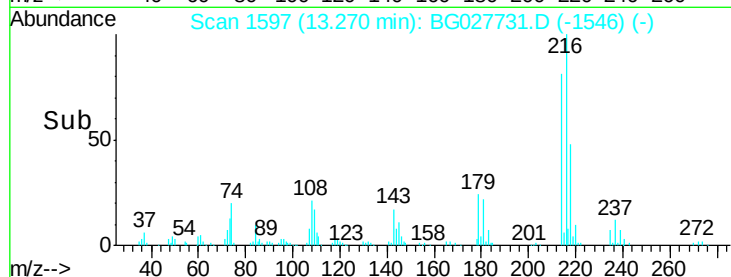
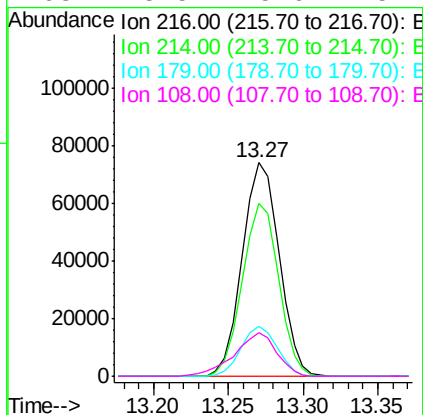
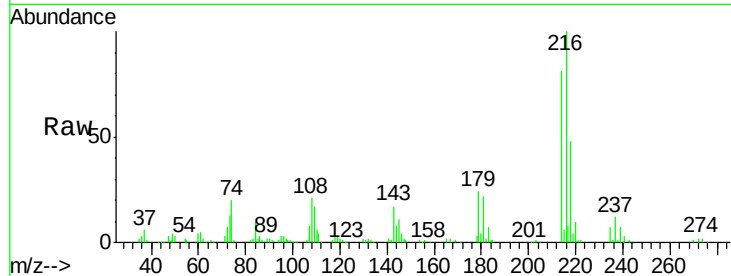
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.165 ng
 RT: 13.27 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.4	96.6
179	22.9	17.4	26.0
108	23.5	15.6	23.4

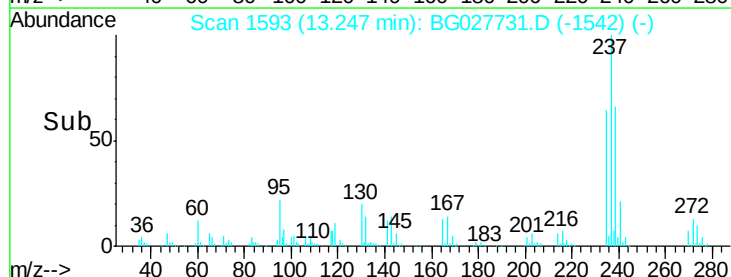
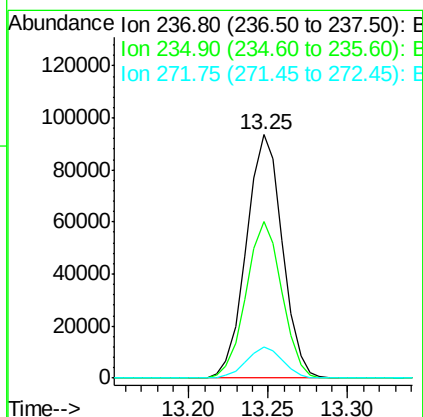
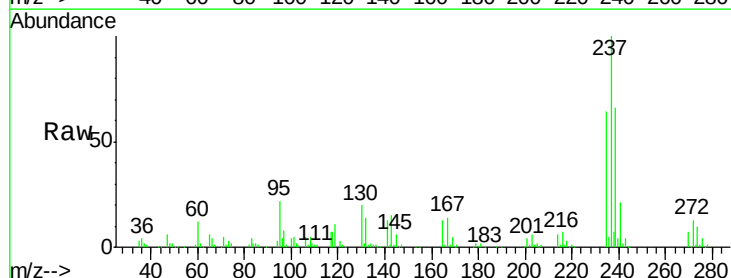
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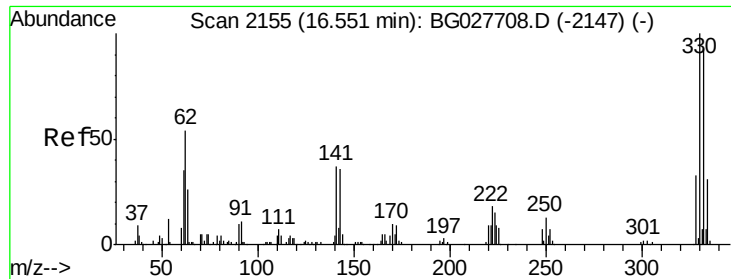
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#40
 Hexachlorocyclopentadiene
 Concen: 111.688 ng
 RT: 13.25 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.4	39.4	79.4
272	13.0	0.0	32.0





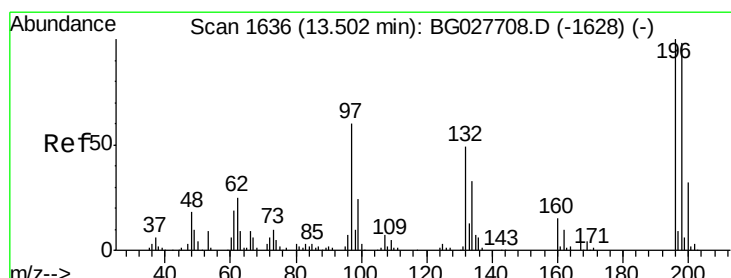
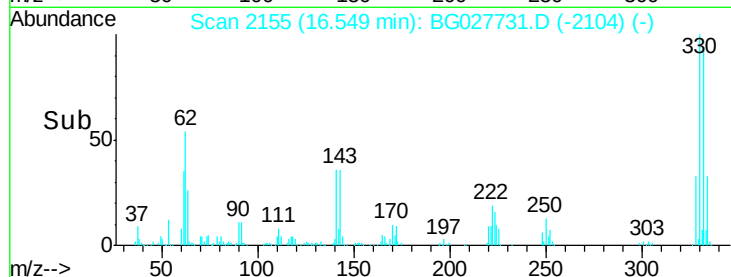
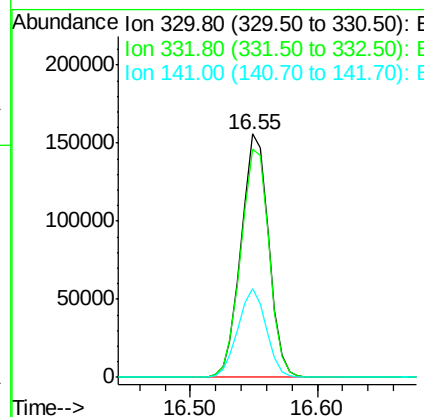
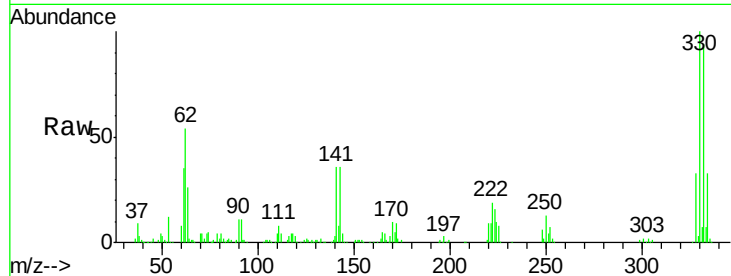
#41
 2,4,6-Tribromophenol
 Concen: 159.895 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	234633		
332	96.4	77.3	115.9	
141	37.2	32.1	48.1	

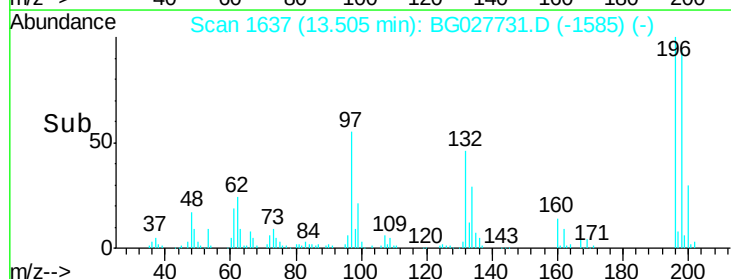
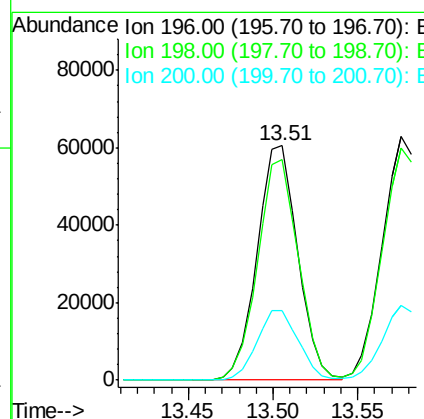
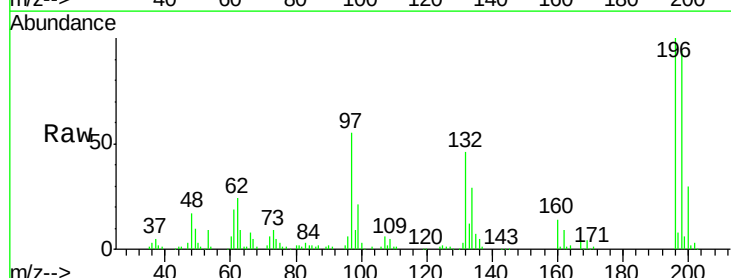
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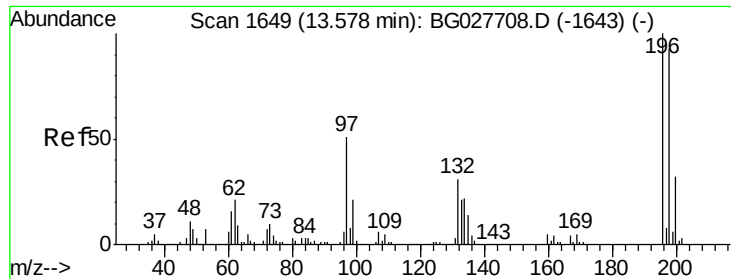
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 49.688 ng
 RT: 13.51 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	100891		
198	93.8	81.4	122.2	
200	29.6	27.0	40.6	





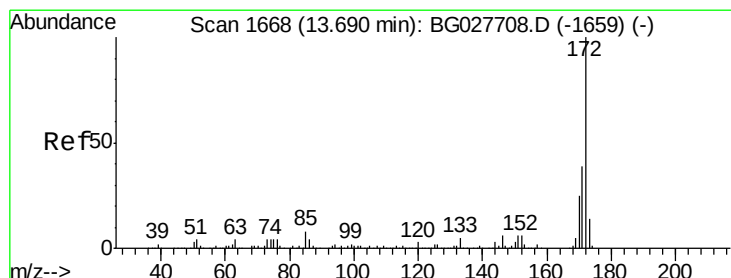
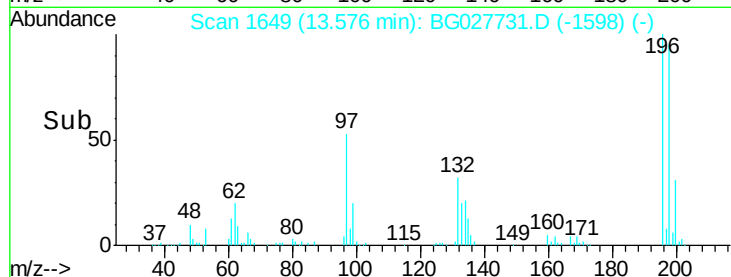
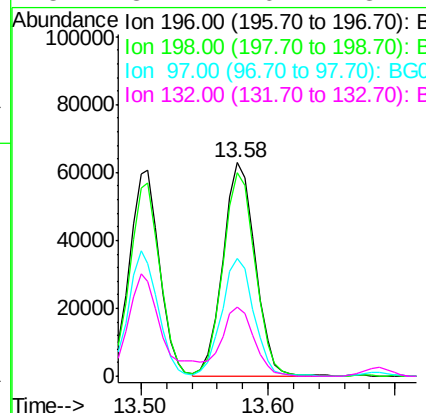
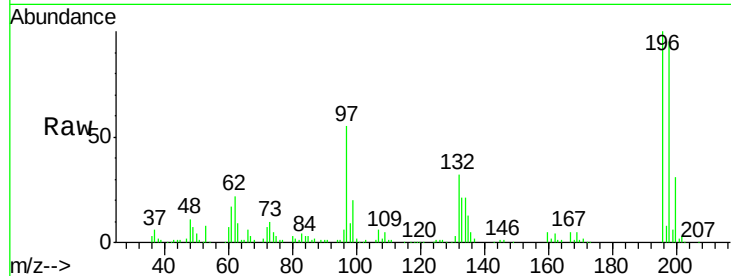
#43
 2,4,5-Trichlorophenol
 Concen: 47.829 ng
 RT: 13.58 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110041		
198	95.4	79.9	119.9	
97	55.1	45.4	68.0	
132	32.2	20.7	31.1	#

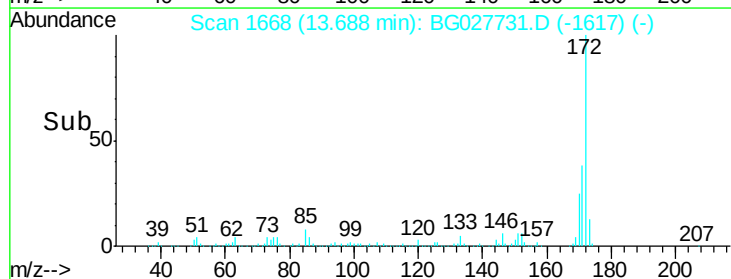
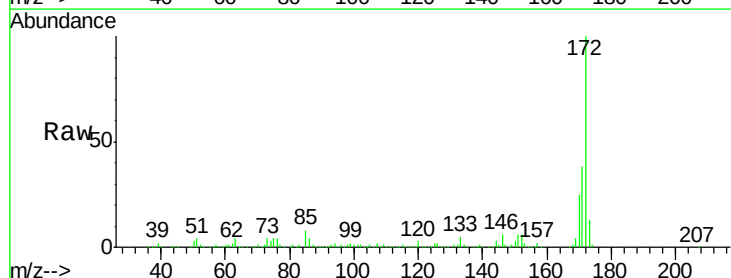
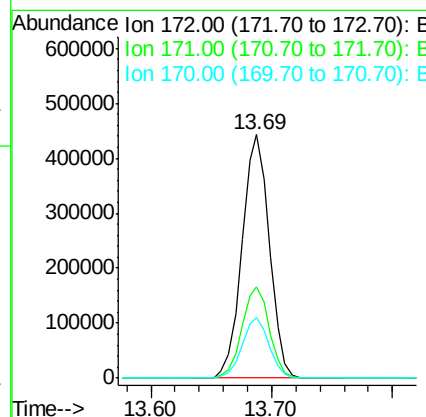
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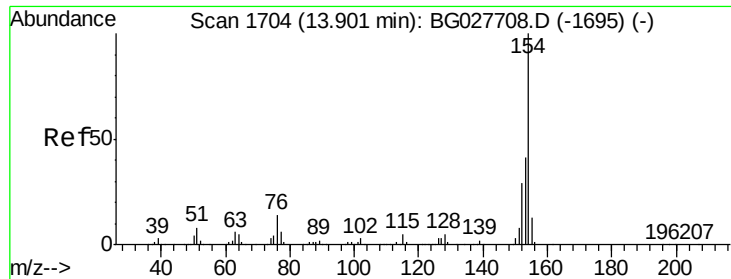
mohammad
 6/29/2017 4:49:13 PM



#44
 2-Fluorobiphenyl
 Concen: 92.963 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	696390		
171	37.7	32.2	48.2	
170	24.7	21.8	32.6	





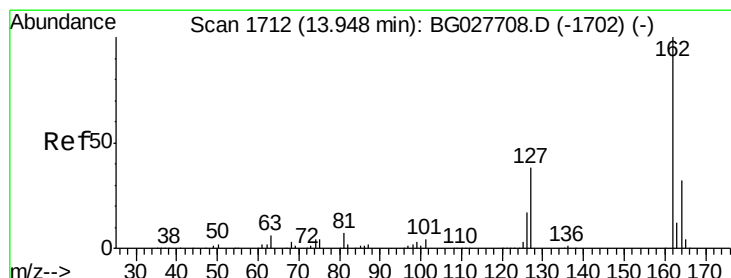
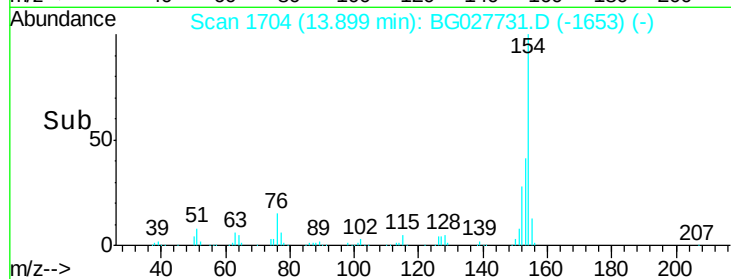
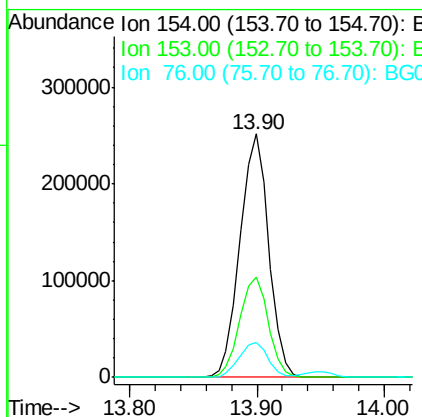
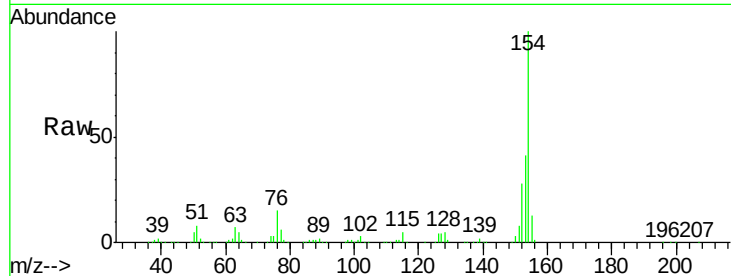
#45
 1,1'-Biphenyl
 Concen: 45.852 ng
 RT: 13.90 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	393188		
153	41.3	23.0	63.0	
76	14.6	0.0	33.5	

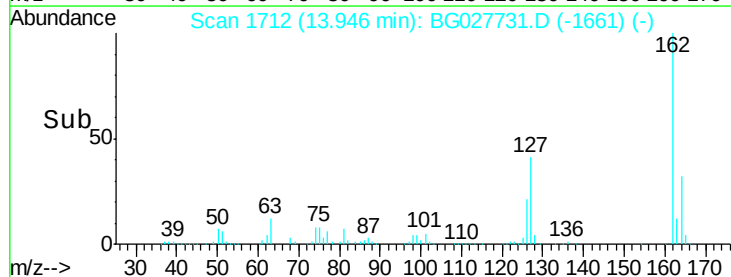
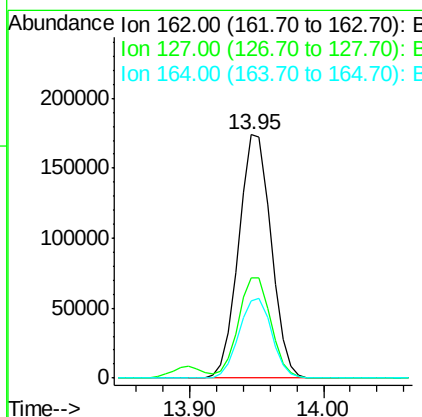
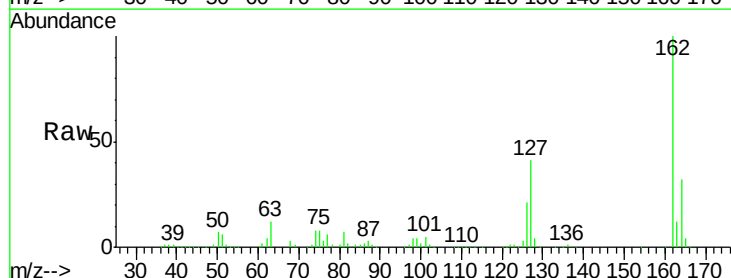
Manual Integrations
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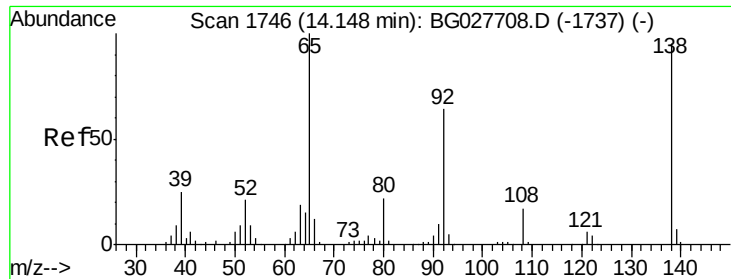
mohammad
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#46
 2-Chloronaphthalene
 Concen: 45.141 ng
 RT: 13.95 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	292416		
127	41.4	32.2	48.4	
164	31.7	27.3	40.9	





#47

2-Nitroaniline

Concen: 48.390 ng

RT: 14.15 min Scan# 1746

Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

ClientSampleId :

HD-01-062617MSD

Tgt Ion: 65 Resp: 125472
Ion Ratio Lower Upper

65 100

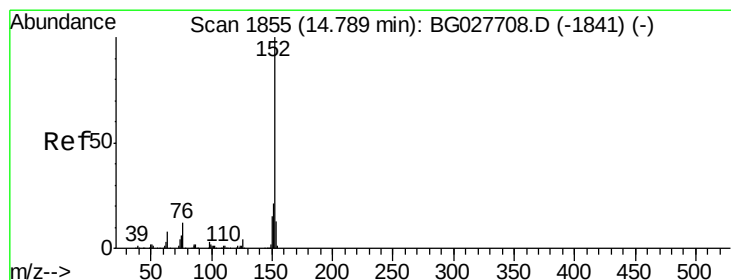
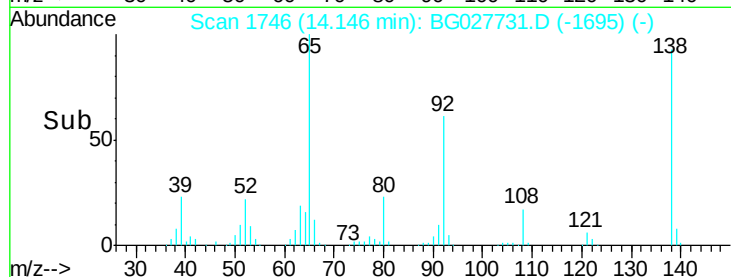
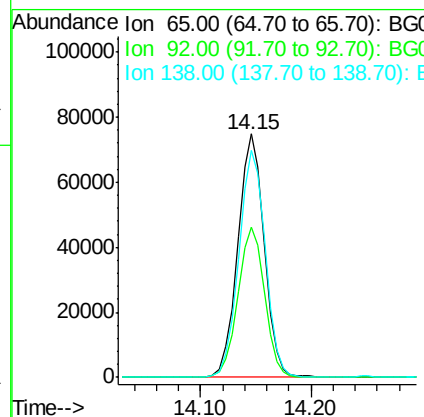
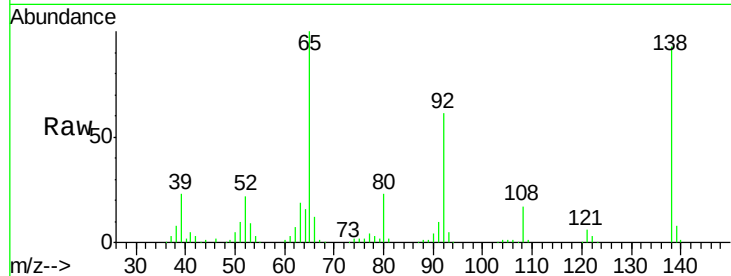
92 61.5 49.0 73.4

138 93.2 58.6 87.8#

Manual Integrations
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#48

Acenaphthylene

Concen: 43.150 ng

RT: 14.79 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG027731.D

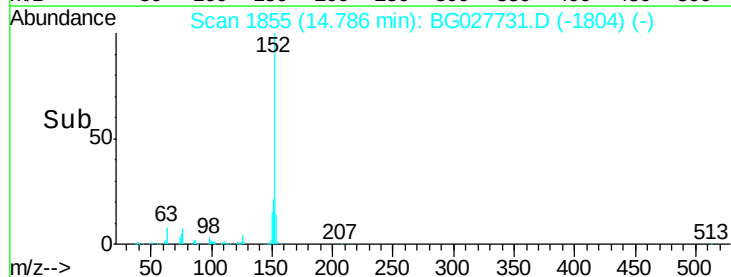
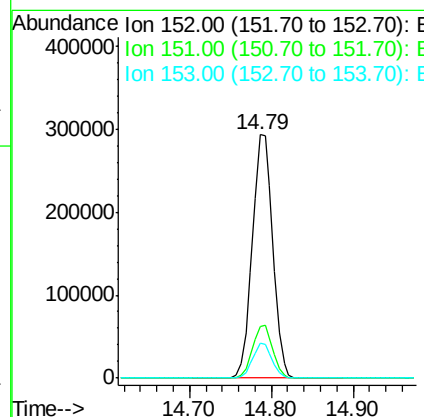
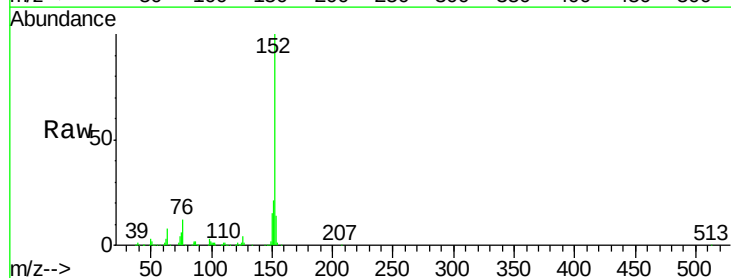
Acq: 29 Jun 2017 7:59

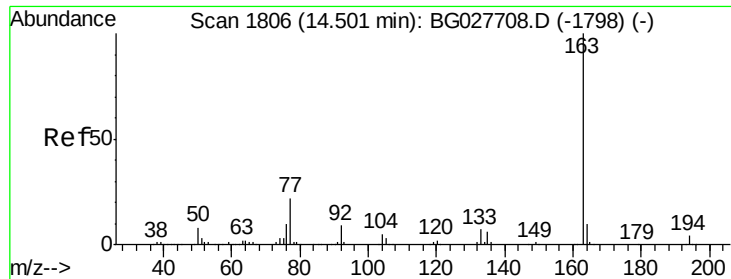
Tgt Ion: 152 Resp: 510757
Ion Ratio Lower Upper

152 100

151 21.4 18.2 27.2

153 14.4 11.3 16.9





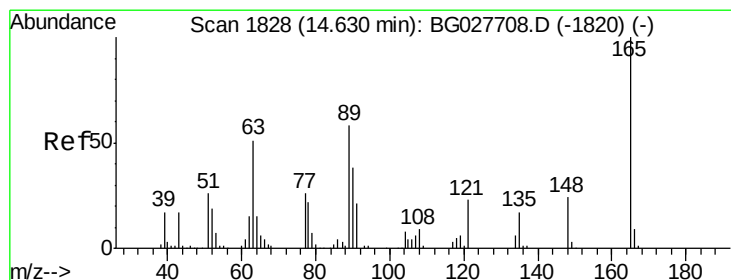
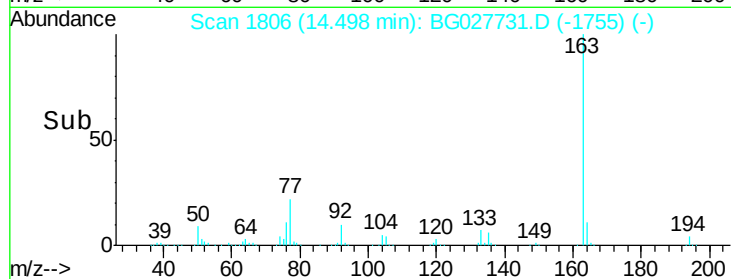
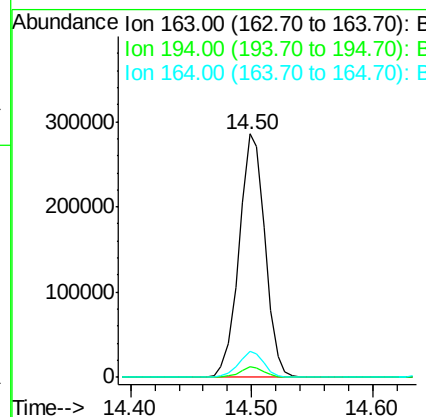
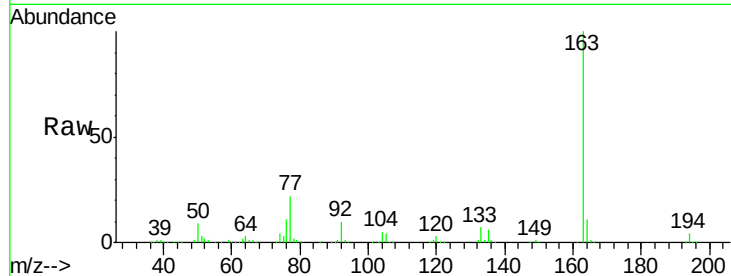
#49
Dimethylphthalate
Concen: 46.813 ng
RT: 14.50 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	427241		
194	4.2	3.8	5.6	
164	10.6	9.3	13.9	

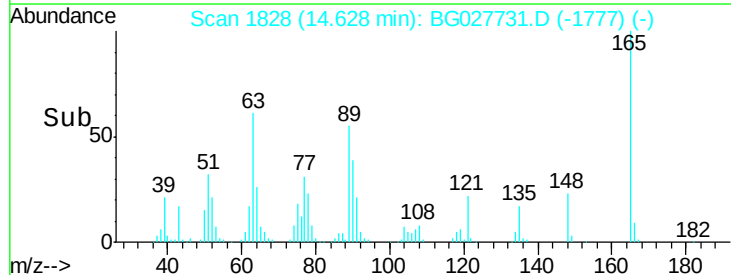
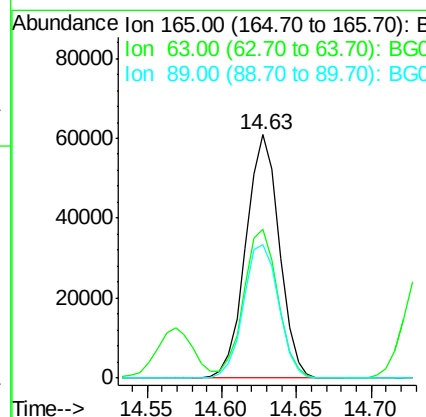
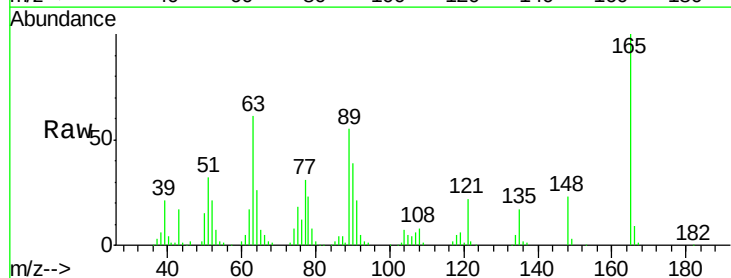
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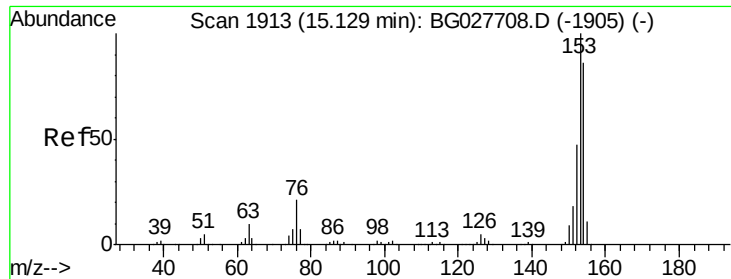
mohammad
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#50
2,6-Dinitrotoluene
Concen: 47.400 ng
RT: 14.63 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94039		
63	61.4	63.9	95.9#	
89	54.8	58.6	88.0#	





#51

Acenaphthene

Concen: 43.277 ng

RT: 15.13 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

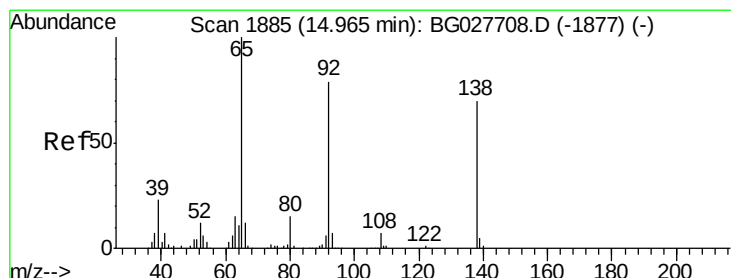
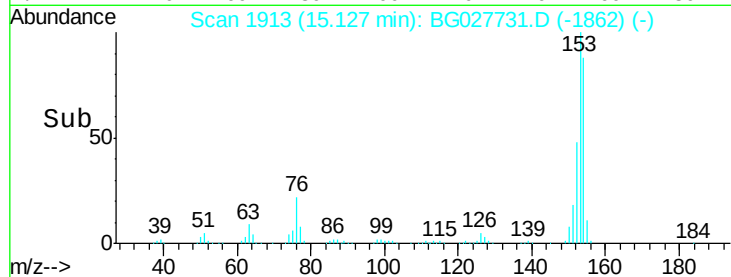
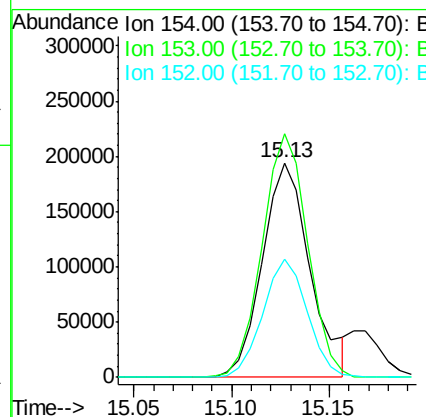
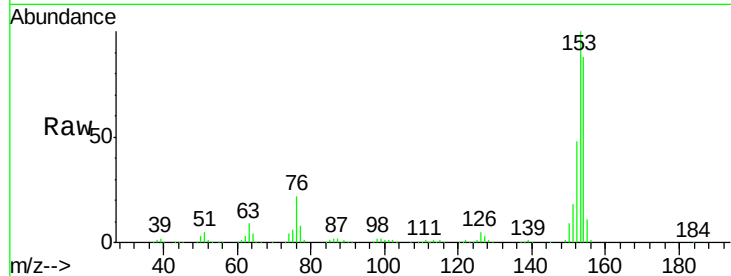
ClientSampleId :

HD-01-062617MSD

Tgt Ion:	154	Resp:	328325
Ion Ratio	Lower	Upper	
154	100		
153	113.6	87.8	131.6
152	55.1	42.2	63.4

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#52

3-Nitroaniline

Concen: 23.514 ng

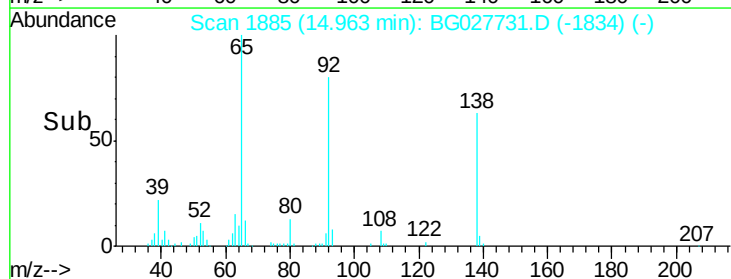
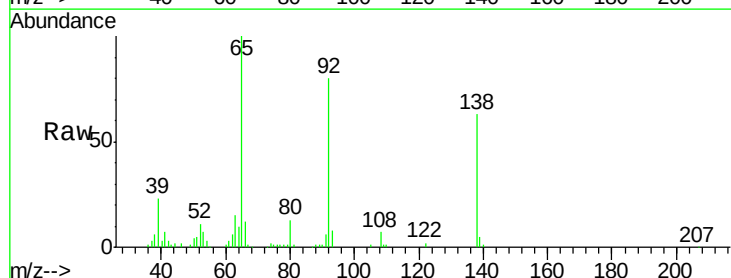
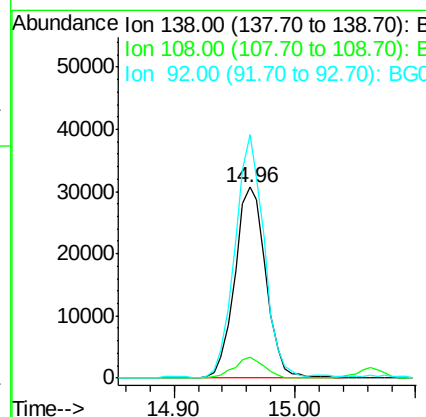
RT: 14.96 min Scan# 1885

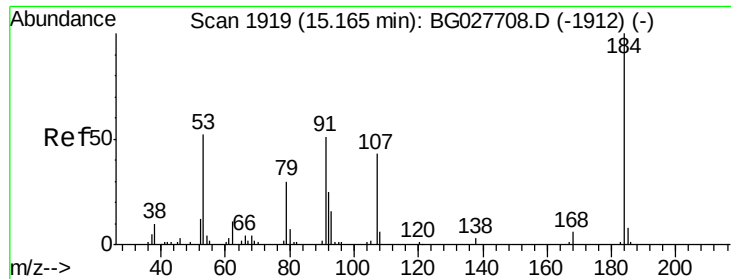
Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Tgt Ion:	138	Resp:	54882
Ion Ratio	Lower	Upper	
138	100		
108	11.3	10.9	16.3
92	127.6	115.3	172.9





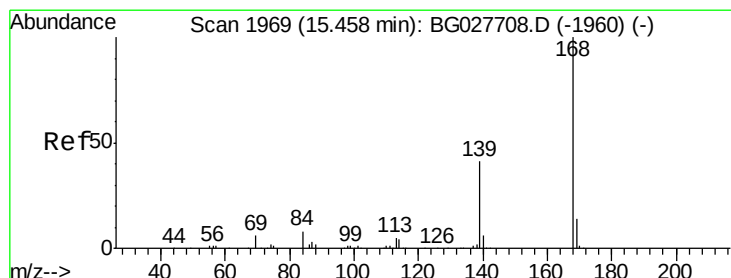
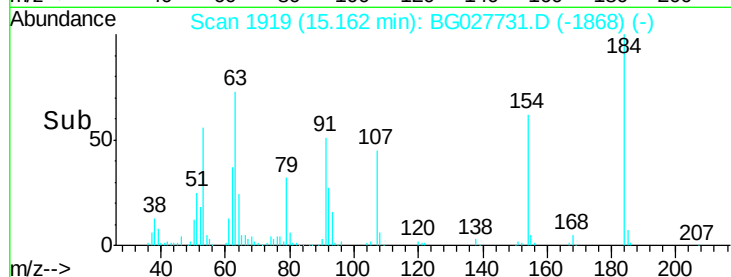
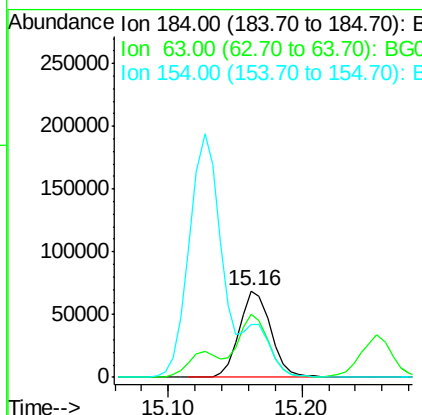
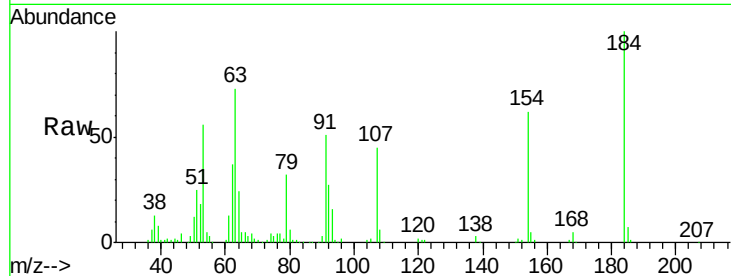
#53
2,4-Dinitrophenol
Concen: 101.129 ng
RT: 15.16 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.6	52.7	79.1
154	61.6	57.3	85.9

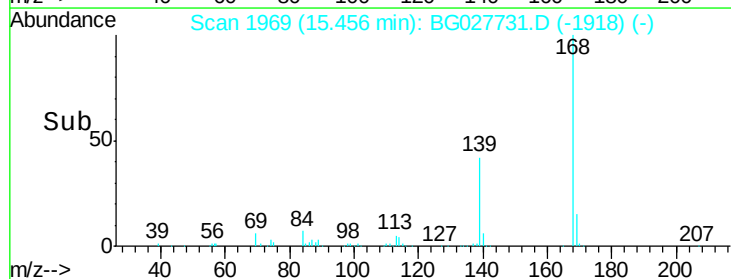
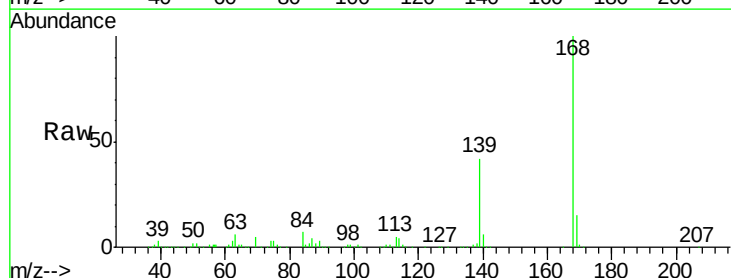
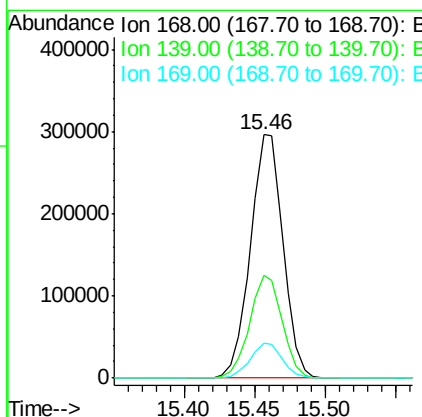
Manual Integrations
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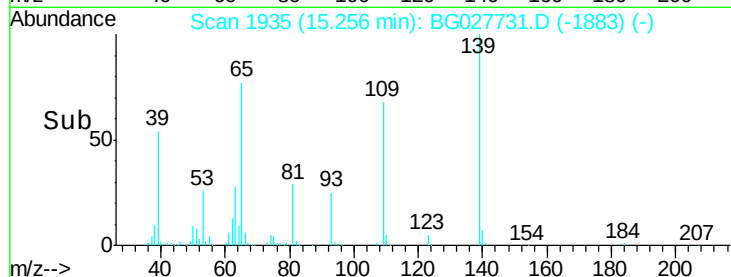
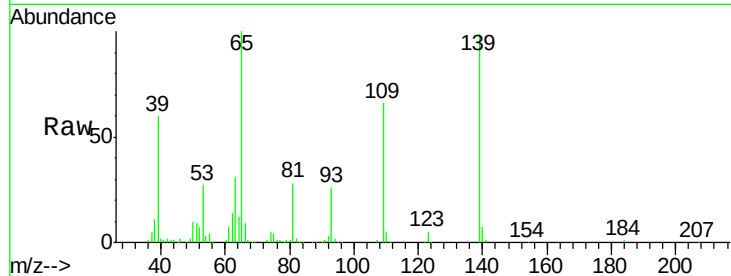
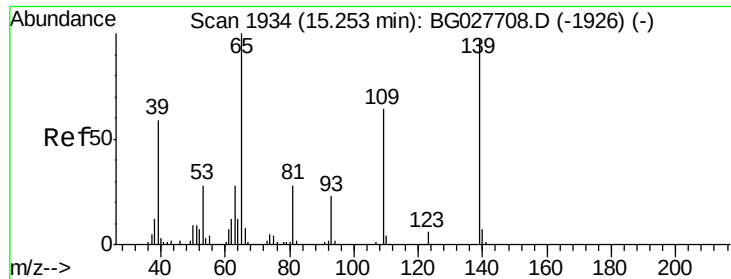
mohammad
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#54
Dibenzofuran
Concen: 48.012 ng
RT: 15.46 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.0	35.3	52.9
169	14.6	11.5	17.3





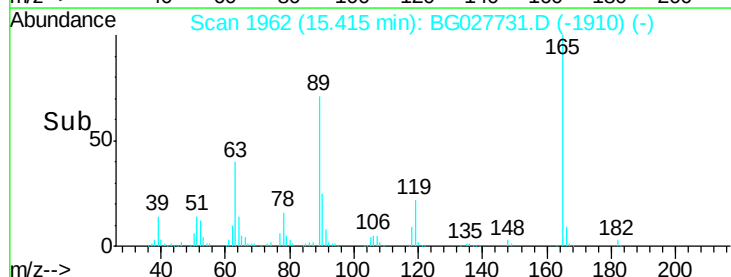
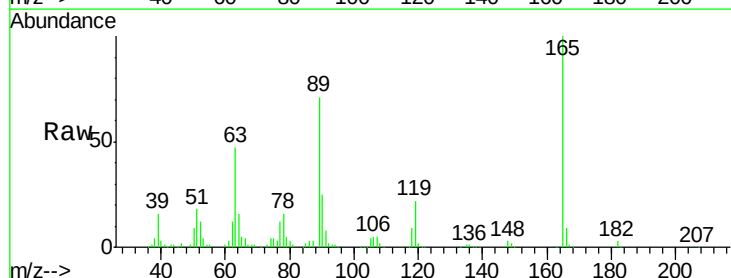
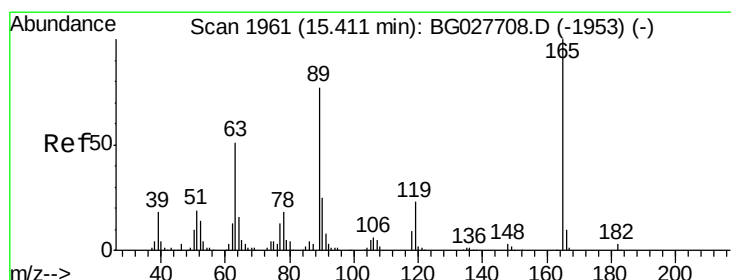
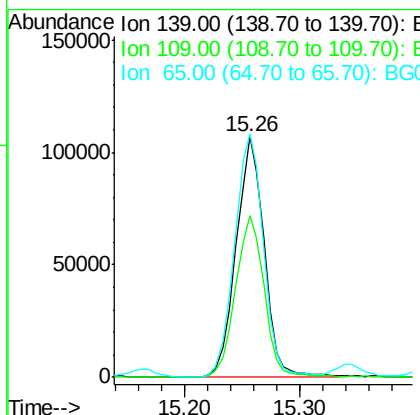
#55
4-Nitrophenol
Concen: 100.738 ng
RT: 15.26 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	179484		
109	67.1	101.2	141.2#	
65	101.2	135.3	175.3#	

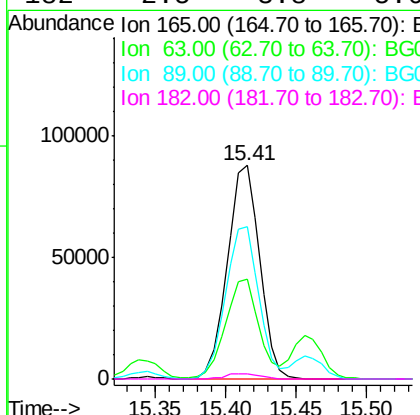
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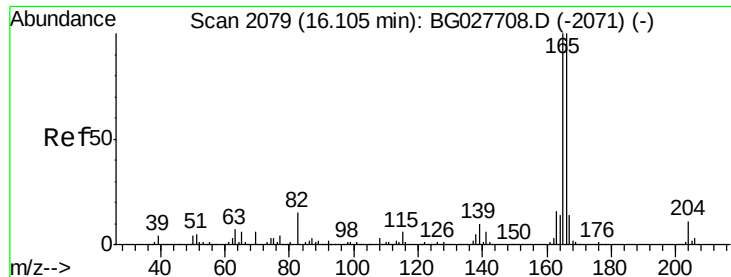
mohammad
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#56
2,4-Dinitrotoluene
Concen: 50.543 ng
RT: 15.41 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	139862		
63	46.5	44.0	66.0	
89	71.0	67.3	100.9	
182	2.5	3.8	5.6#	





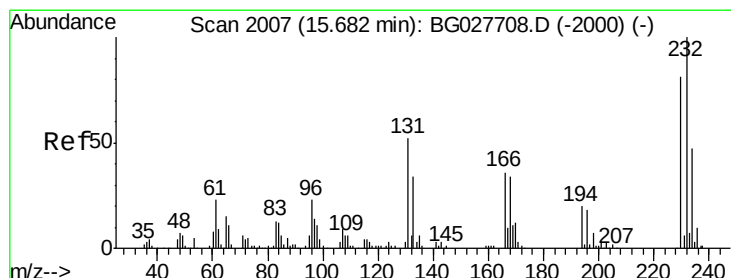
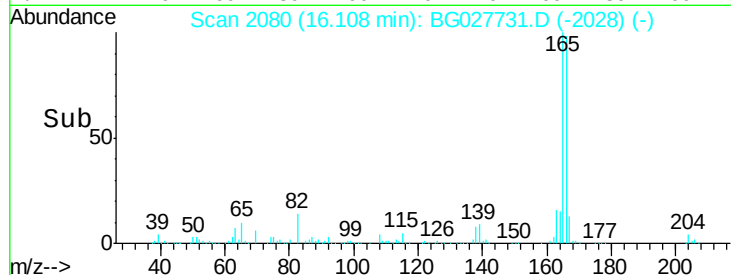
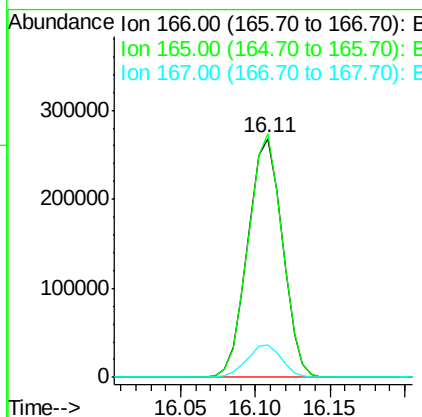
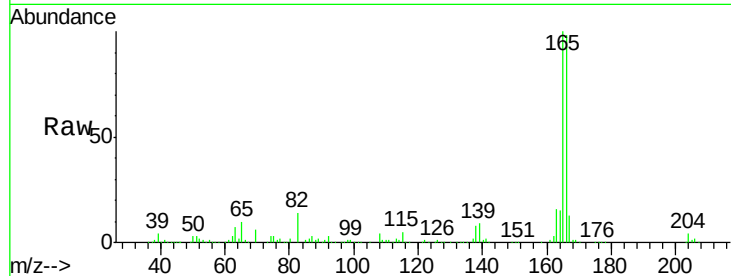
#57
 Fluorene
 Concen: 44.272 ng
 RT: 16.11 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.9	78.6	117.8	
167	13.8	11.6	17.4	

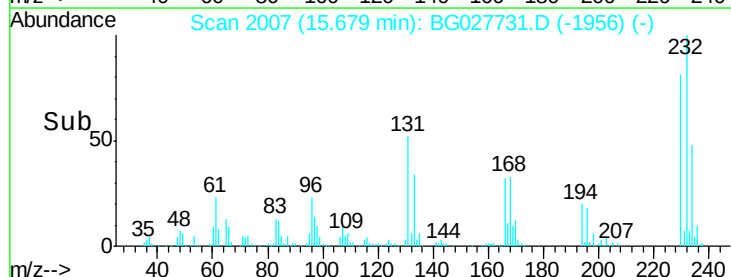
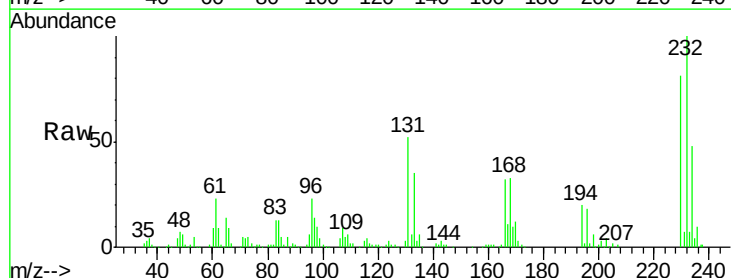
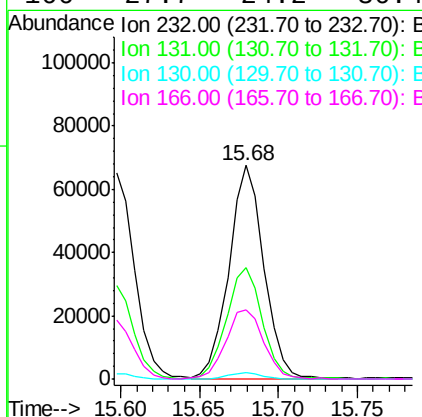
Manual Integrations
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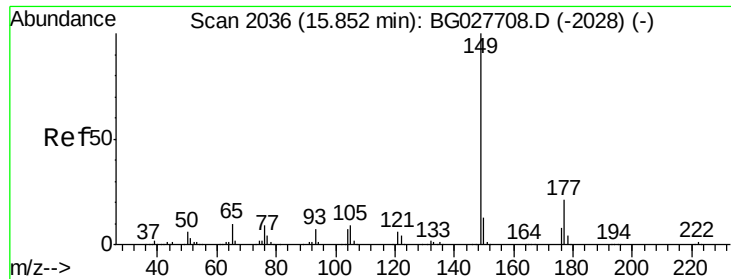
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.026 ng m
 RT: 15.68 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	45.8	34.9	52.3	
130	2.8	2.3	3.5	
166	27.7	24.2	36.4	





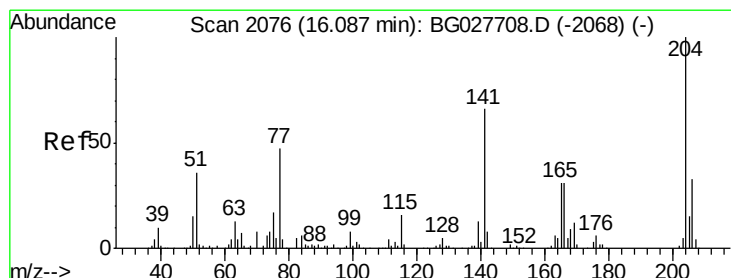
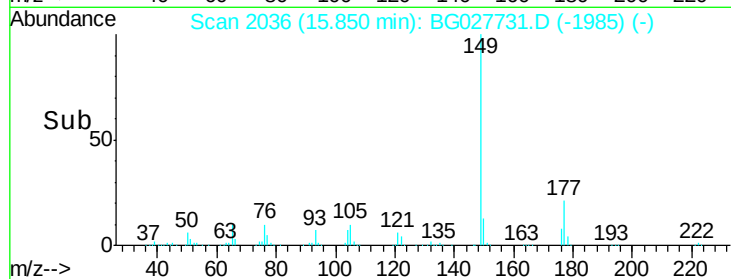
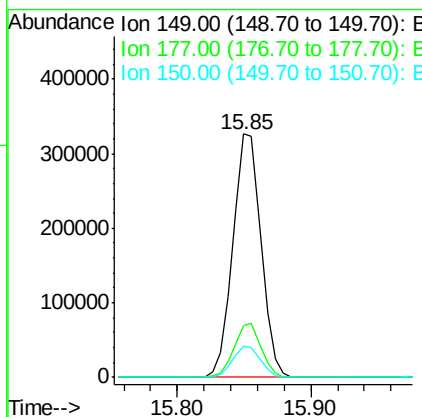
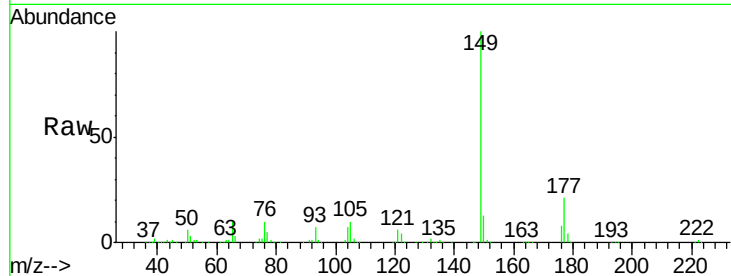
#59
Diethylphthalate
Concen: 47.515 ng
RT: 15.85 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.5	20.1	30.1
150	12.9	10.2	15.2

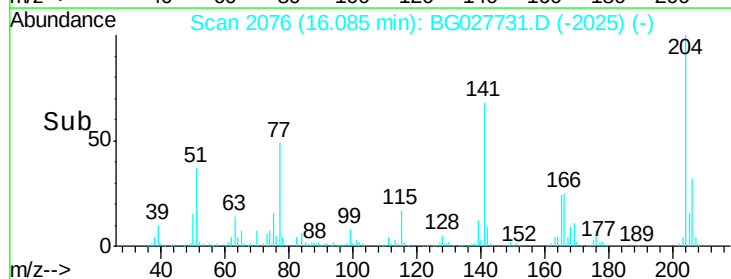
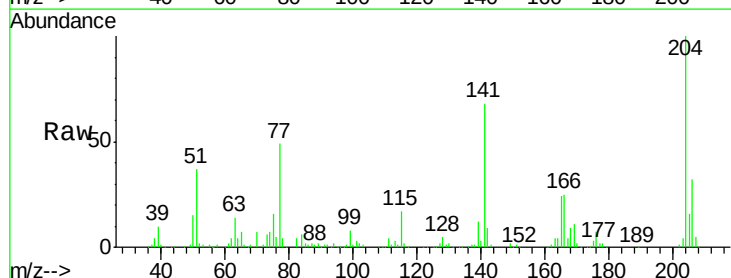
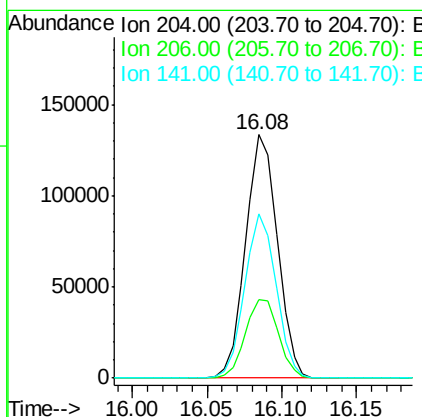
Manual Integrations
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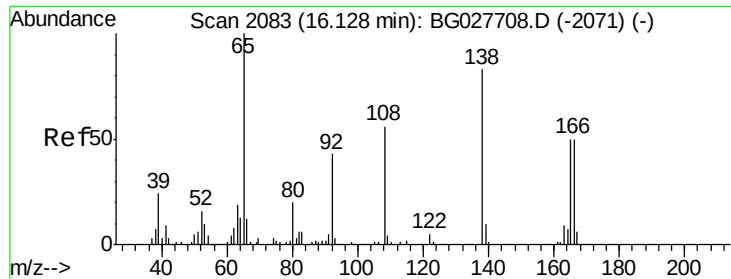
mohammad
6/29/2017 4:49:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.643 ng
RT: 16.08 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.2	30.1	45.1
141	67.7	50.6	76.0





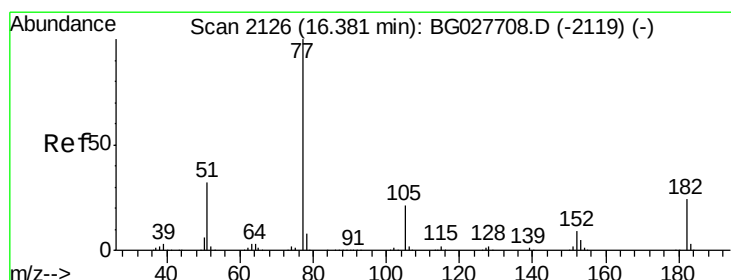
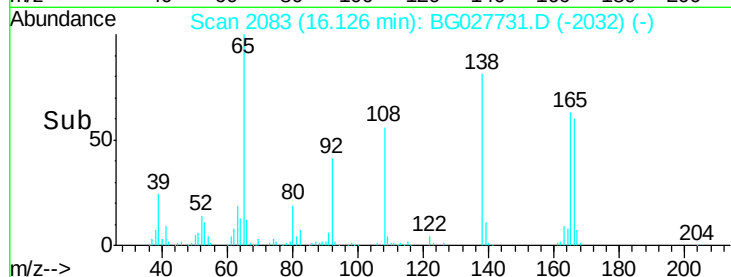
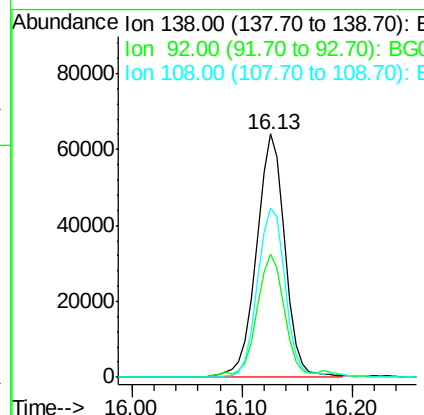
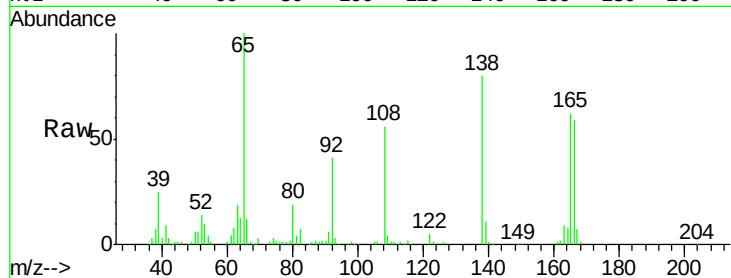
#61
4-Nitroaniline
Concen: 47.874 ng
RT: 16.13 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion: 138 Resp: 116409
Ion Ratio Lower Upper
138 100
92 50.9 44.2 84.2
108 69.5 104.8 144.8#

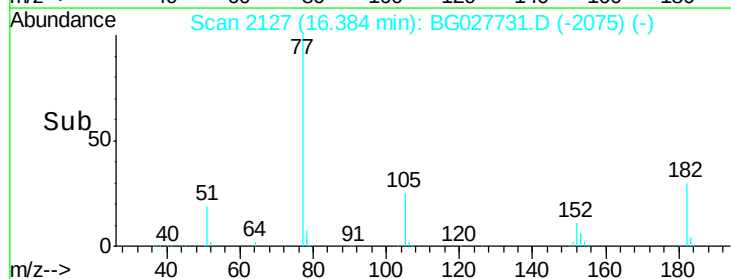
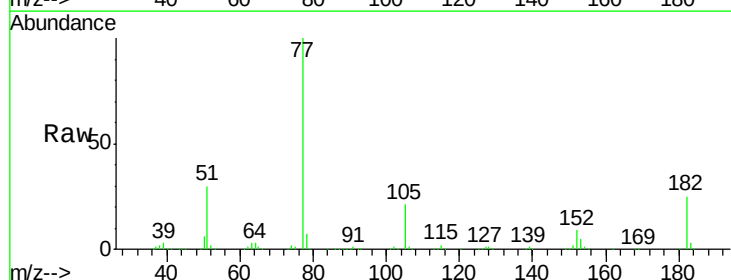
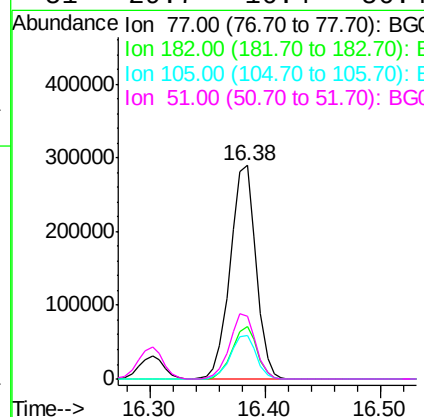
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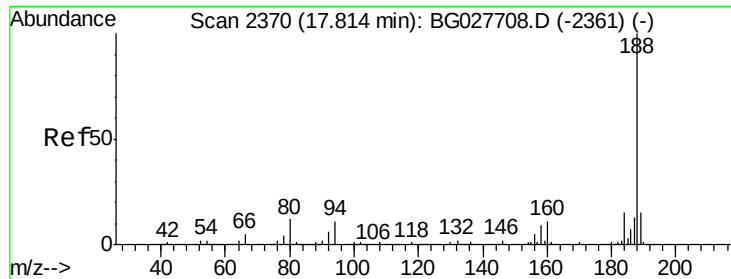
mohammad
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#62
Azobenzene
Concen: 50.306 ng
RT: 16.38 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion: 77 Resp: 446723
Ion Ratio Lower Upper
77 100
182 24.6 4.7 44.7
105 20.7 0.0 36.3
51 29.7 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.81 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

ClientSampleId :

HD-01-062617MSD

Tgt Ion:188 Resp: 268666

Ion Ratio Lower Upper

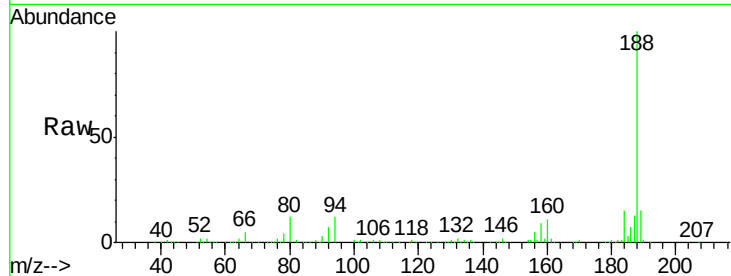
188 100

94 11.7 5.8 8.8#

80 12.3 7.5 11.3#

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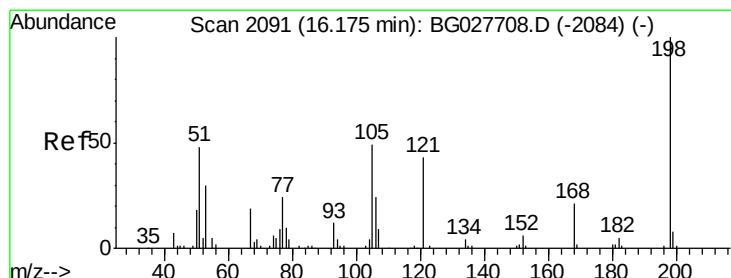
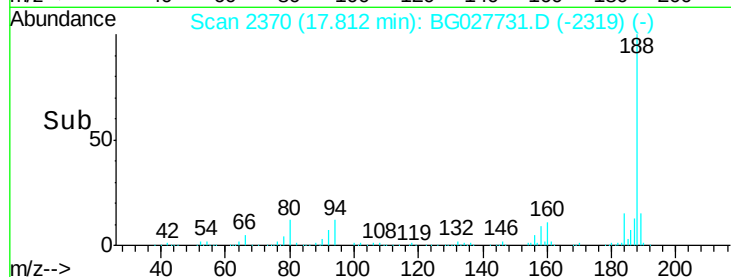
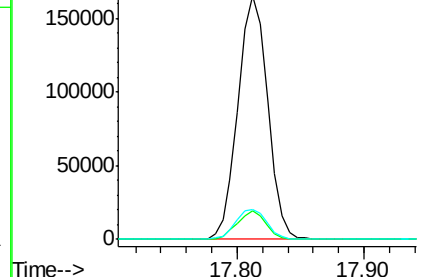
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 46.078 ng

RT: 16.17 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

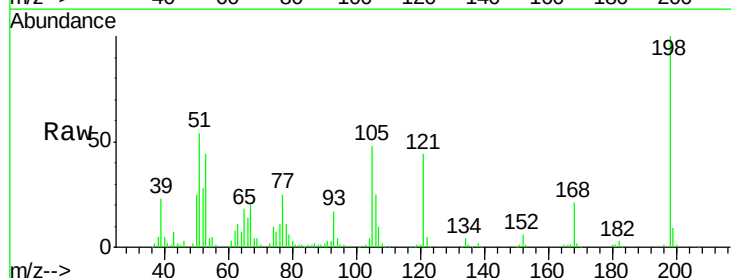
Tgt Ion:198 Resp: 76779

Ion Ratio Lower Upper

198 100

51 53.8 22.6 62.6

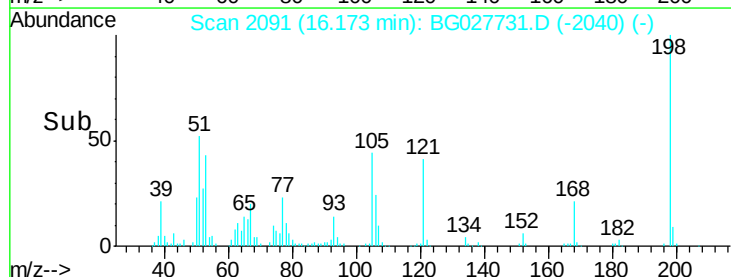
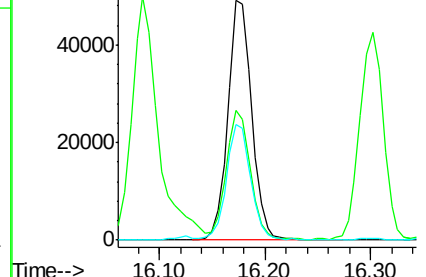
105 48.1 14.4 54.4

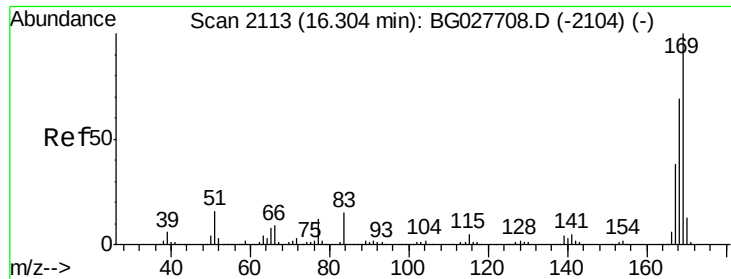


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





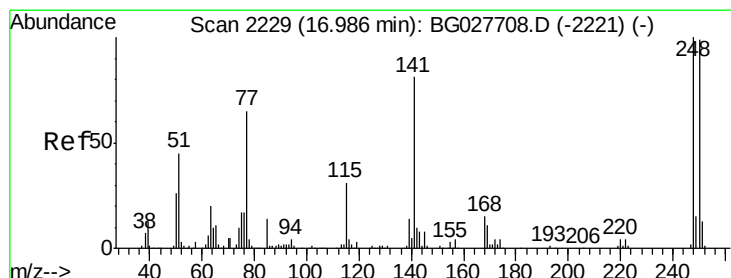
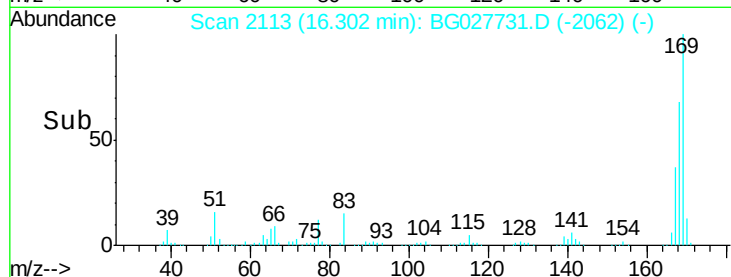
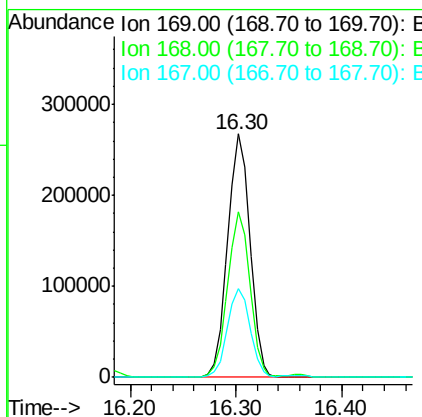
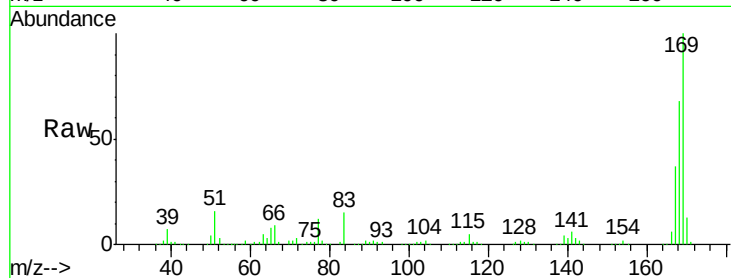
#65
 n-Nitrosodiphenylamine
 Concen: 44.892 ng
 RT: 16.30 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	392340		
168	67.7	55.7	83.5	
167	36.6	29.8	44.6	

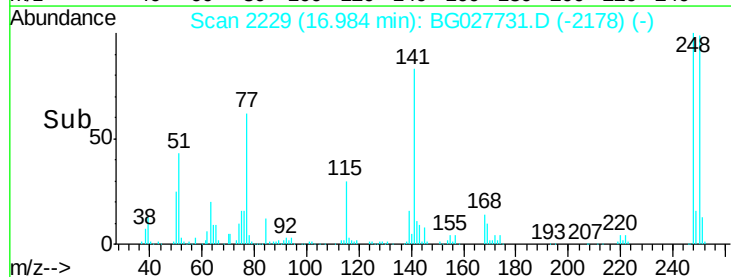
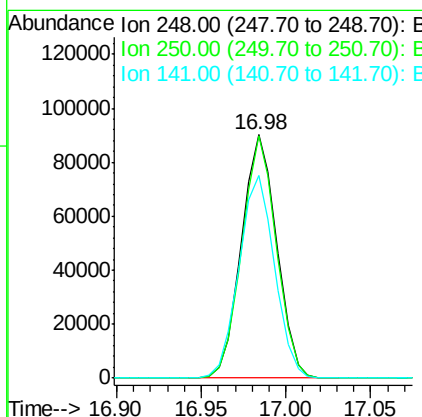
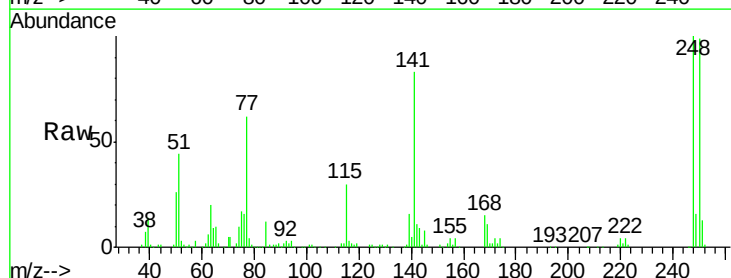
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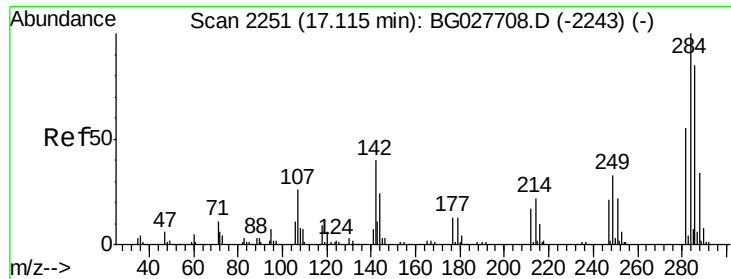
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 46.702 ng
 RT: 16.98 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	131231		
250	99.3	75.0	112.6	
141	83.3	55.2	82.8	





#67

Hexachlorobenzene

Concen: 45.002 ng

RT: 17.11 min Scan# 2251

Delta R.T. -0.00 min

Lab File: BG027731.D

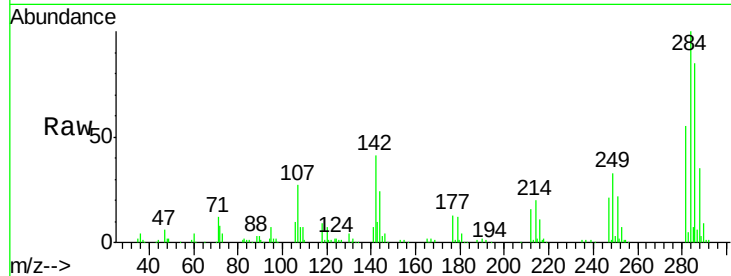
Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

ClientSampleId :

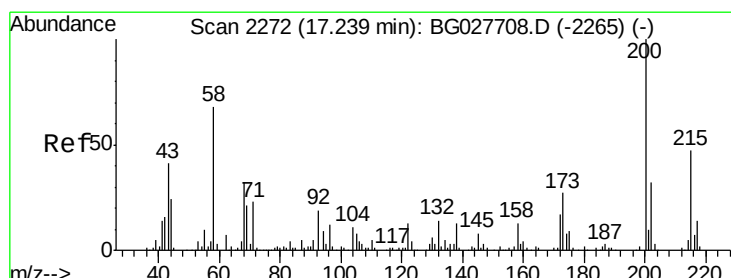
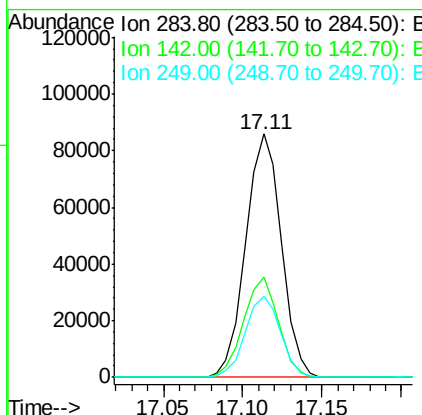
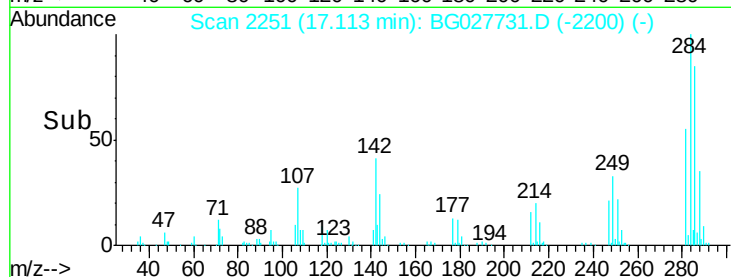
HD-01-062617MSD



Tgt Ion:	284	Resp:	133922
Ion Ratio	Lower	Upper	
284	100		
142	41.0	29.9	44.9
249	33.5	29.2	43.8

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#68

Atrazine

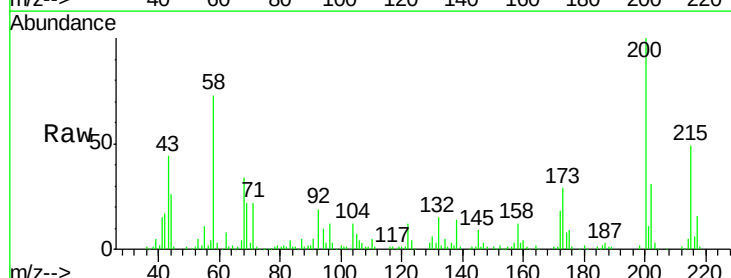
Concen: 37.524 ng

RT: 17.24 min Scan# 2272

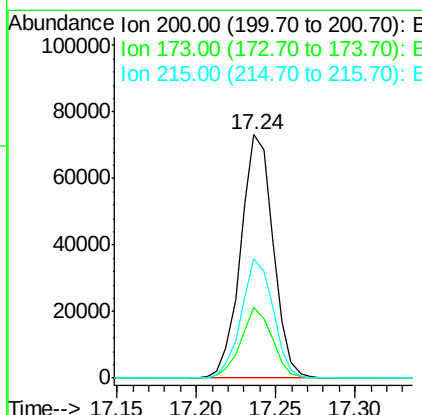
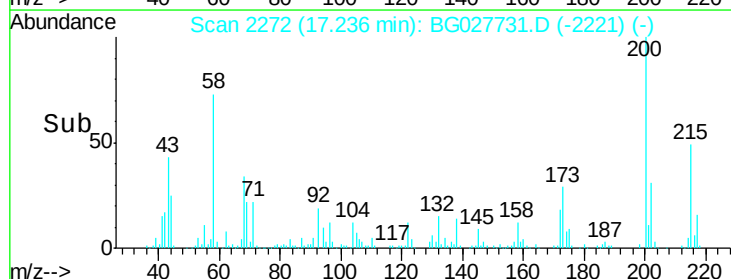
Delta R.T. -0.00 min

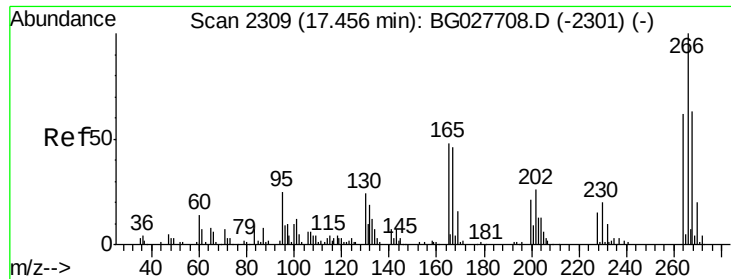
Lab File: BG027731.D

Acq: 29 Jun 2017 7:59



Tgt Ion:	200	Resp:	103538
Ion Ratio	Lower	Upper	
200	100		
173	28.9	3.0	43.0
215	49.2	28.4	68.4





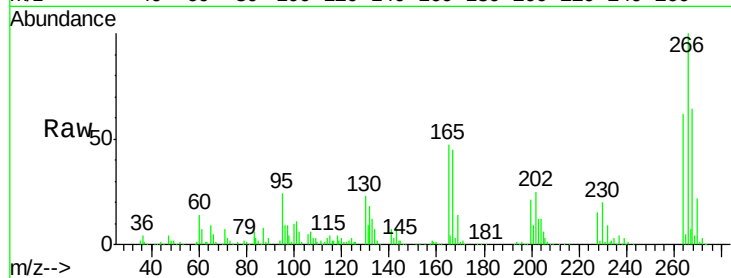
#69
 Pentachlorophenol
 Concen: 90.727 ng
 RT: 17.45 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

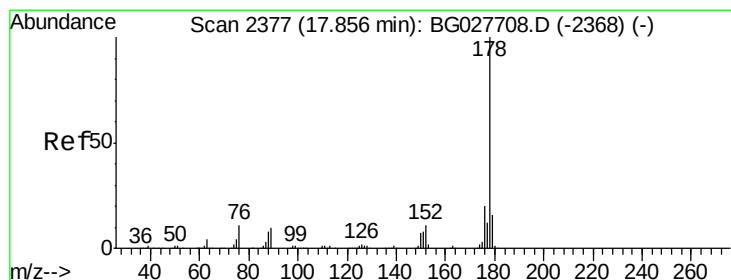
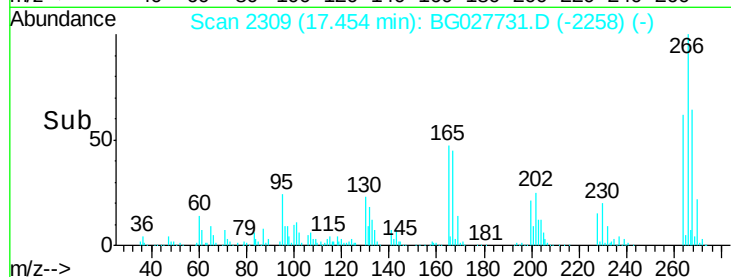
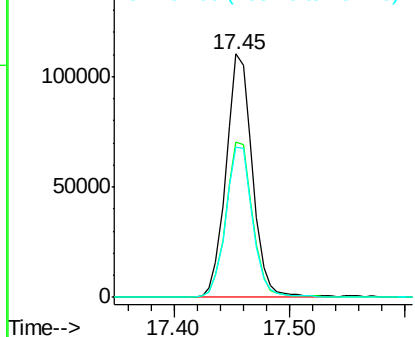
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	48.6	72.8
264	61.6	50.1	75.1

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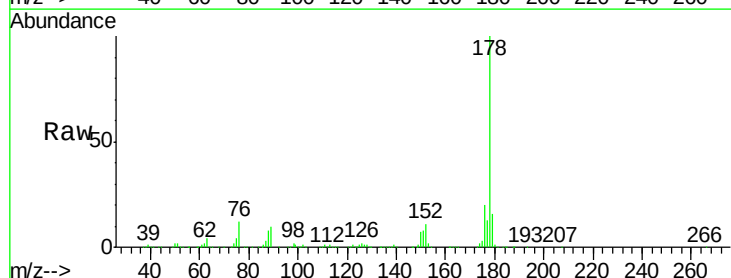


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

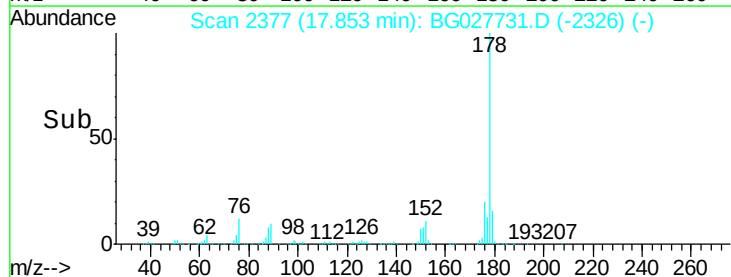
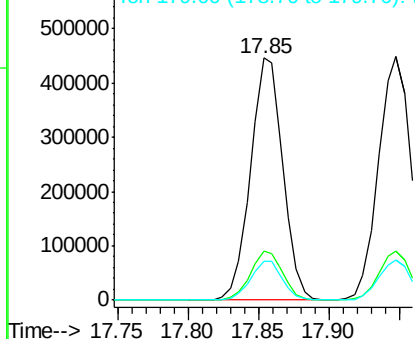


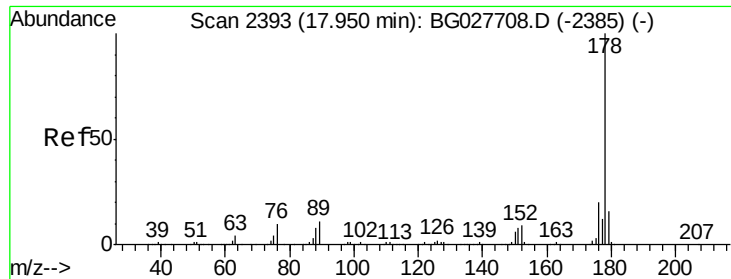
#70
 Phenanthrene
 Concen: 46.166 ng
 RT: 17.85 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	17.7	26.5
179	16.1	15.0	22.6



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





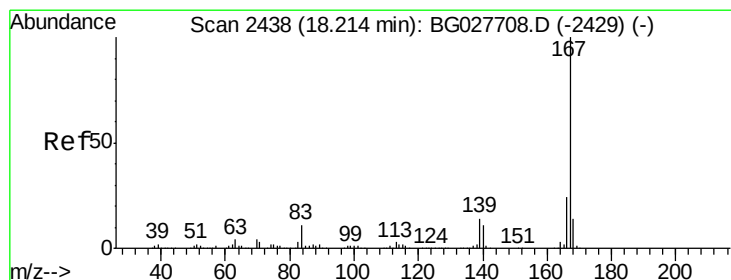
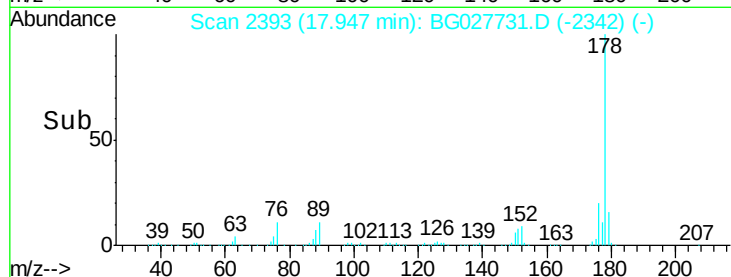
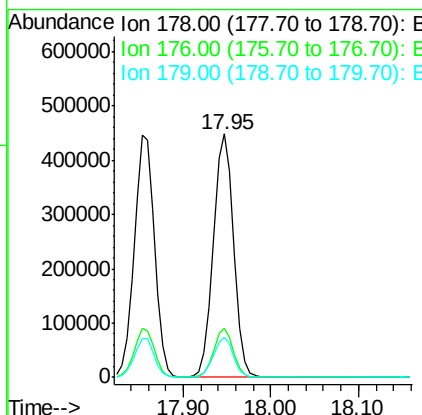
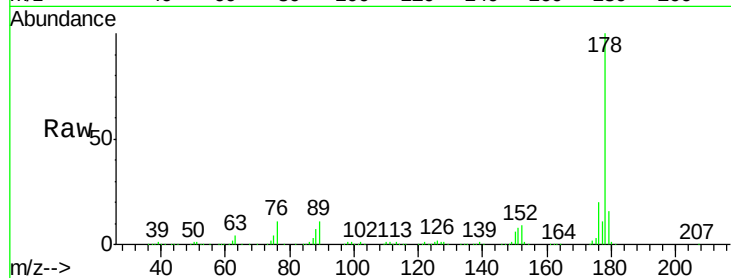
#71
 Anthracene
 Concen: 46.053 ng
 RT: 17.95 min Scan# 2393
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.2	13.8	20.8

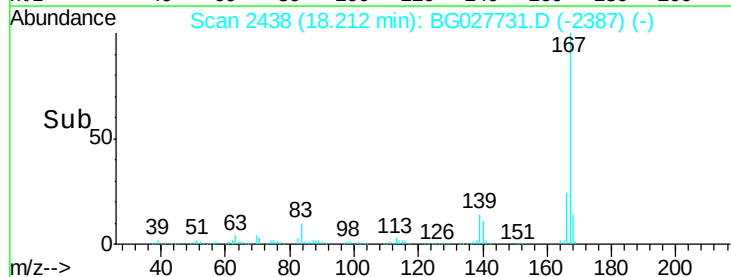
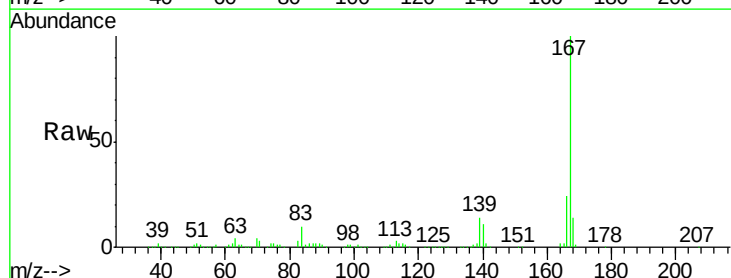
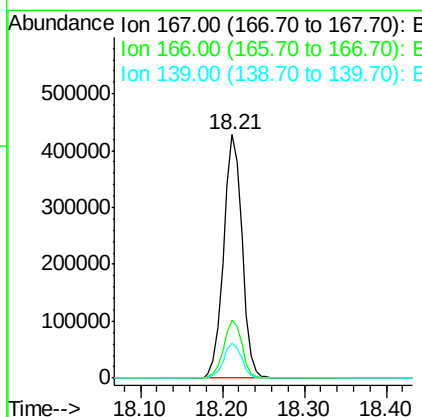
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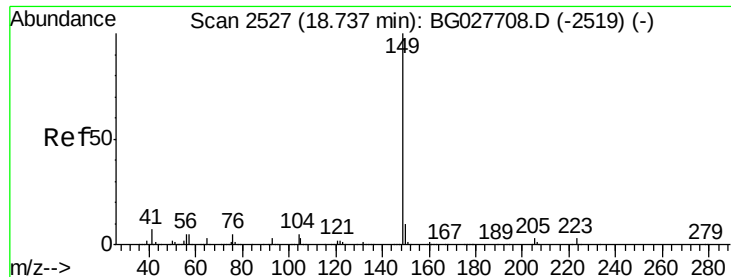
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#72
 Carbazole
 Concen: 43.525 ng
 RT: 18.21 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	20.2	30.2
139	14.2	12.8	19.2





#73

Di-n-butylphthalate

Concen: 50.485 ng

RT: 18.73 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

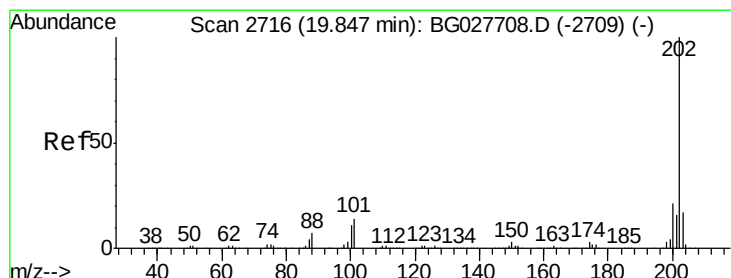
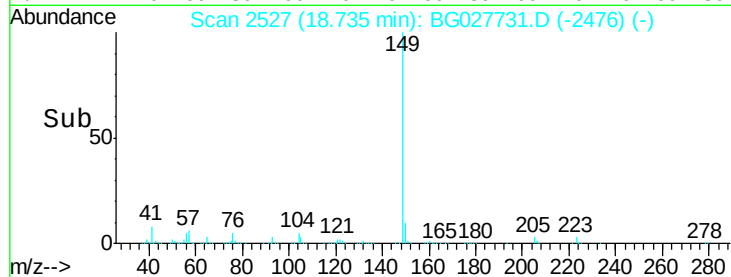
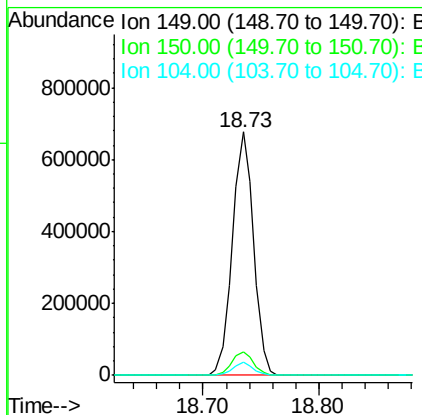
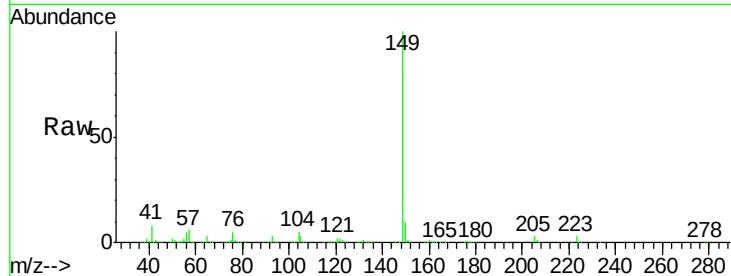
ClientSampleId :

HD-01-062617MSD

Tgt Ion:	149	Resp:	855746
Ion Ratio	Lower	Upper	
149	100		
150	9.9	9.1	13.7
104	5.2	6.7	10.1#

Manual Integrations
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#74

Fluoranthene

Concen: 48.439 ng

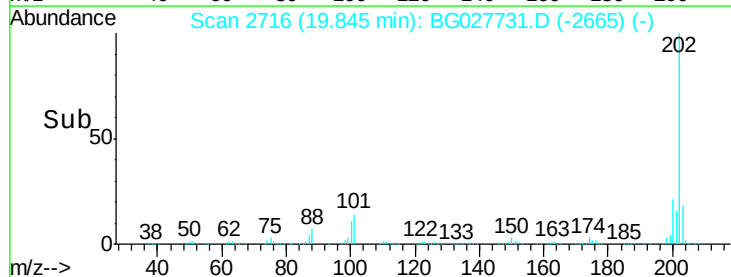
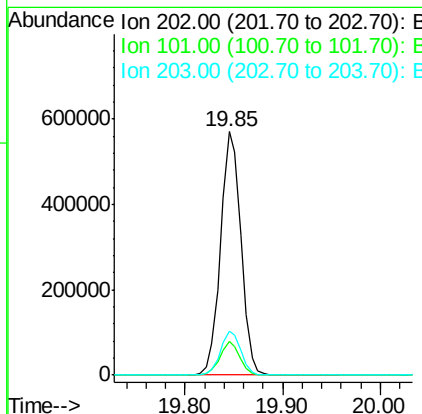
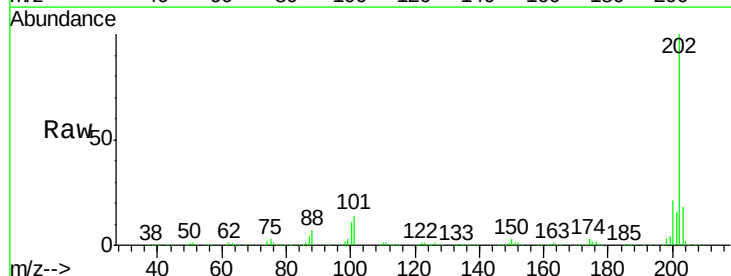
RT: 19.85 min Scan# 2716

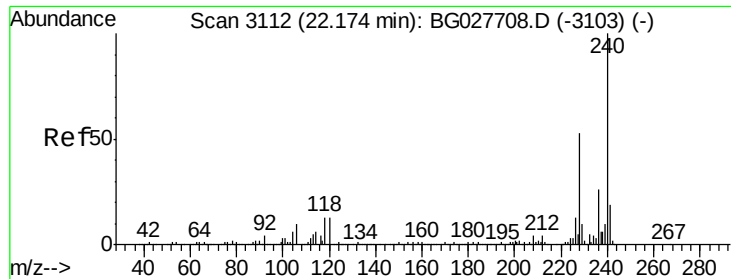
Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Tgt Ion:	202	Resp:	821083
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	30.1
203	18.1	1.3	41.3





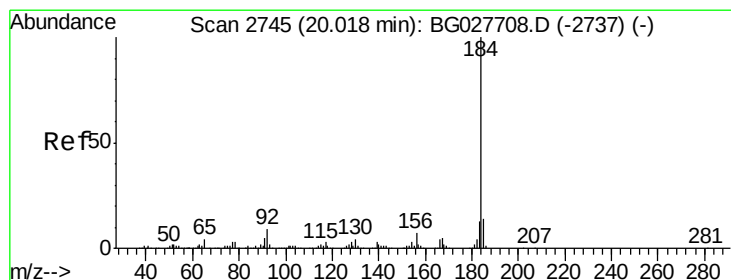
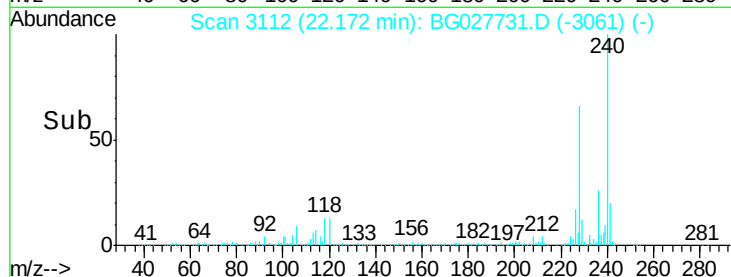
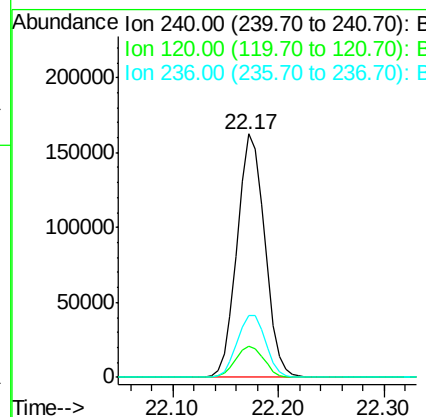
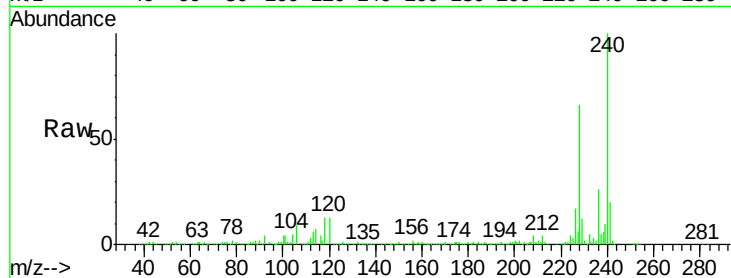
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	294129		
120	12.6	5.7	8.5#	
236	25.6	22.2	33.4	

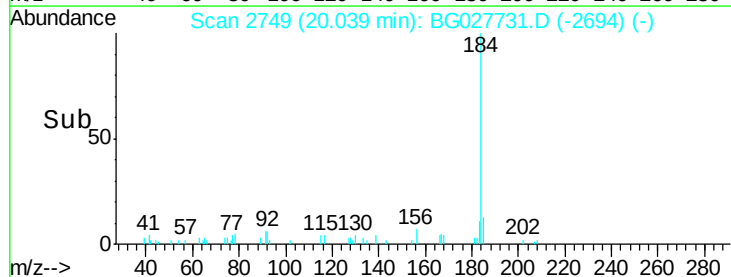
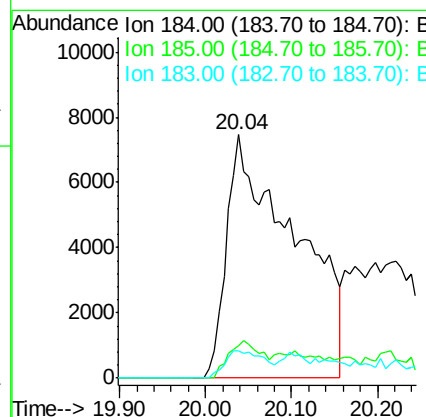
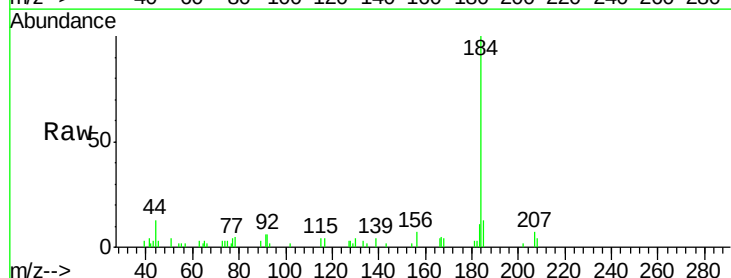
Manual Integrations
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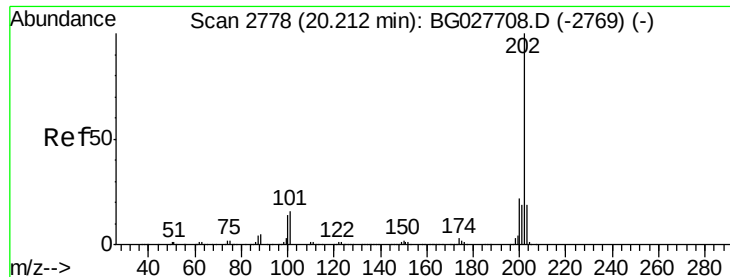
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#76
Benzidine
Concen: 8.693 ng m
RT: 20.04 min Scan# 2749
Delta R.T. 0.02 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	41090		
185	13.4	13.0	19.6	
183	11.4	11.0	16.6	





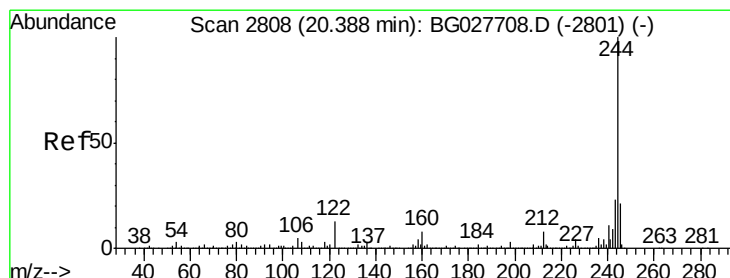
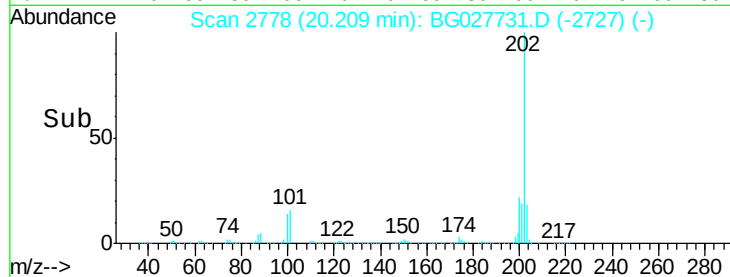
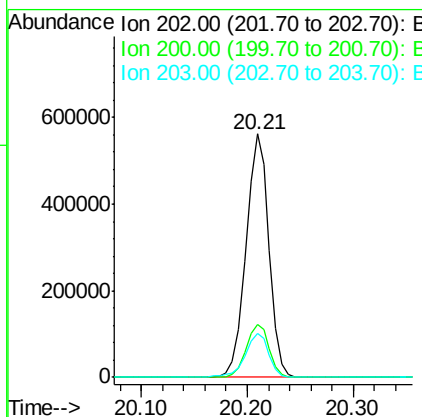
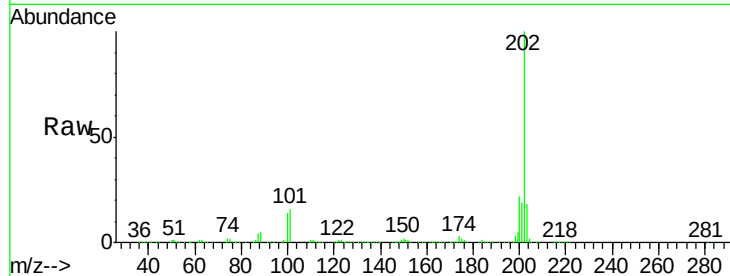
#77
 Pyrene
 Concen: 45.653 ng
 RT: 20.21 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	842689		
200	21.9		19.6	29.4
203	18.2		15.8	23.8

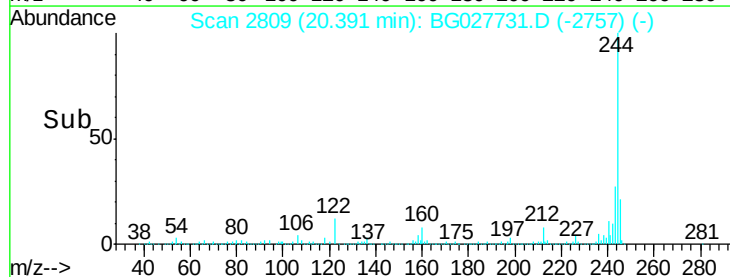
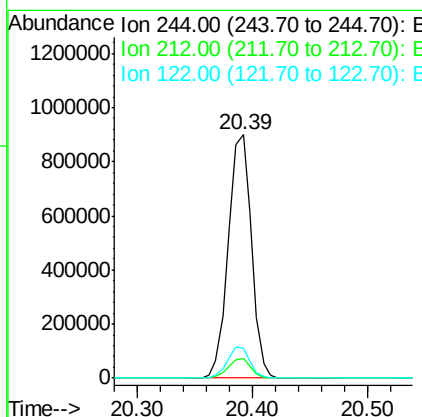
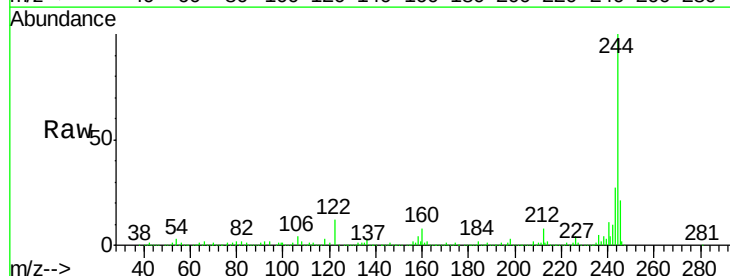
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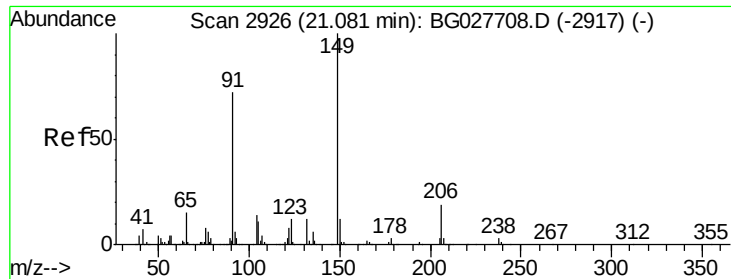
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#78
 Terphenyl-d14
 Concen: 99.610 ng
 RT: 20.39 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1249731		
212	8.0		10.0	15.0#
122	12.3		8.6	12.8





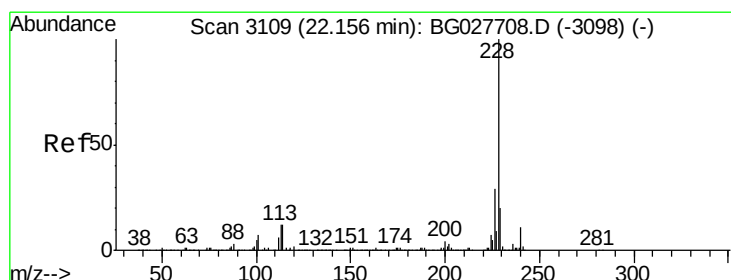
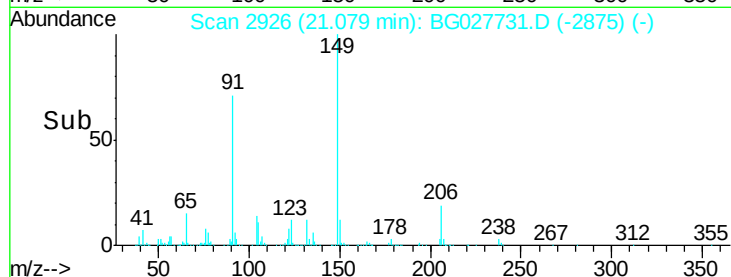
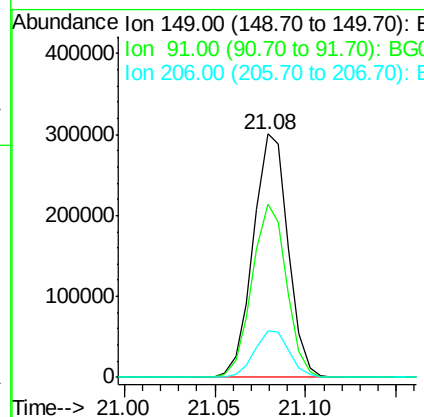
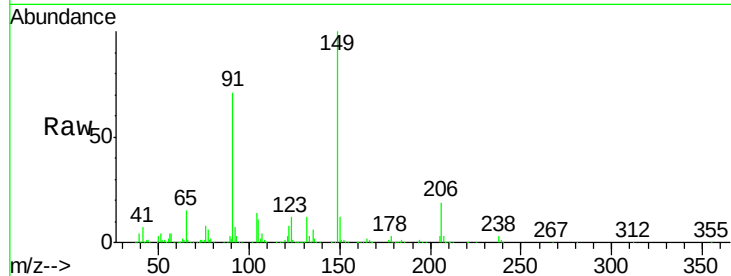
#79
Butylbenzylphthalate
Concen: 48.693 ng
RT: 21.08 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.2	63.5	95.3
206	19.3	21.0	31.6

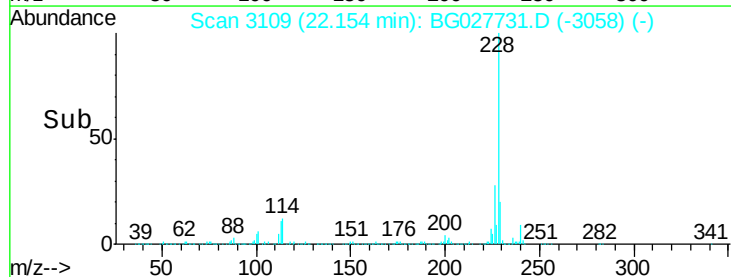
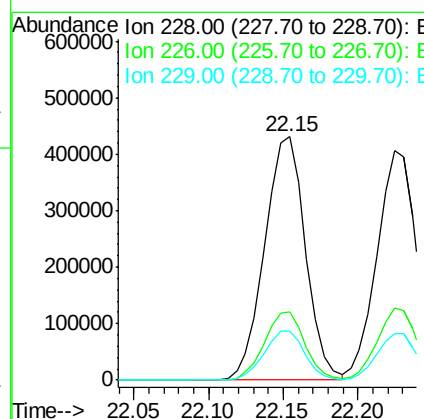
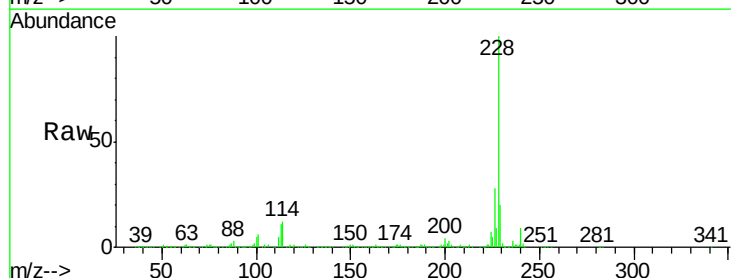
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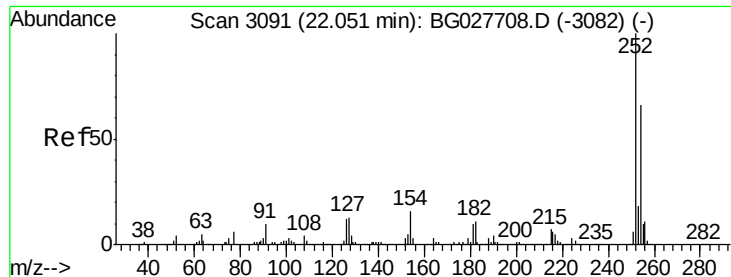
mohammad
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#80
Benzo(a)anthracene
Concen: 45.871 ng
RT: 22.15 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	24.9	37.3
229	19.9	18.2	27.2





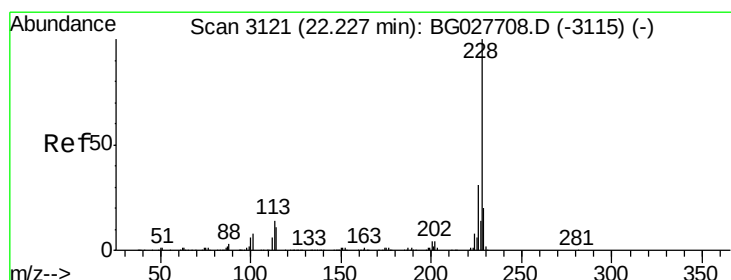
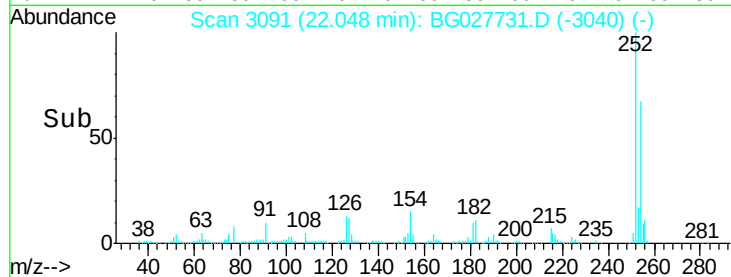
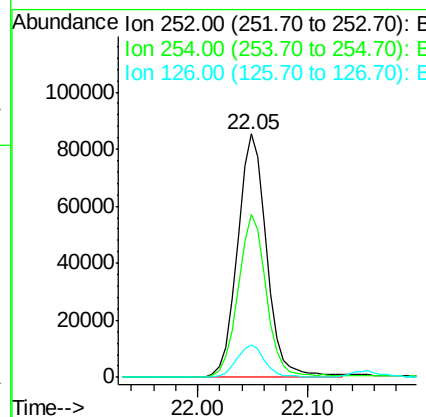
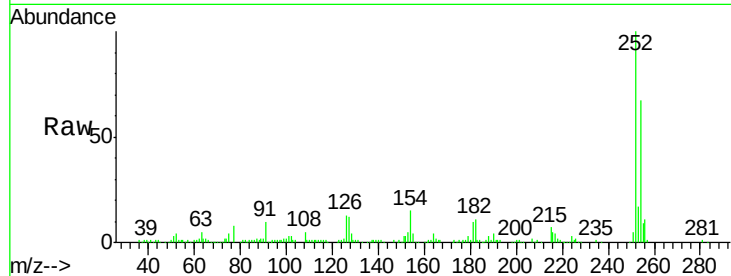
#81
 3,3'-Dichlorobenzidine
 Concen: 24.544 ng
 RT: 22.05 min Scan# 3091
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.9	53.1	79.7
126	13.3	7.0	10.4

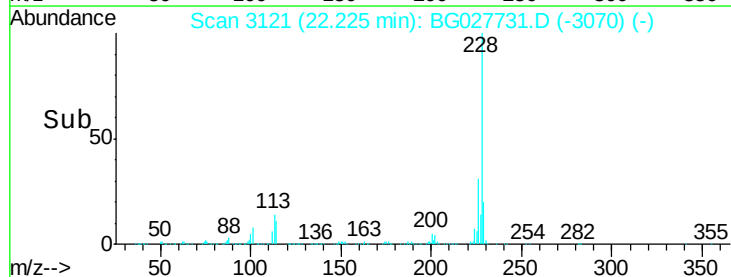
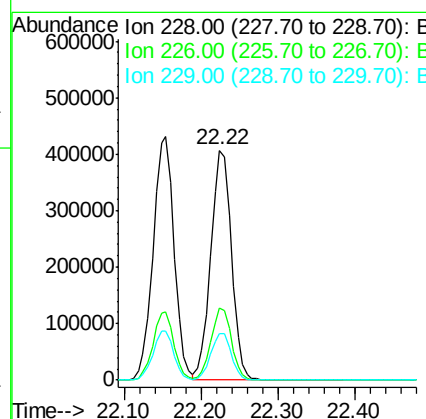
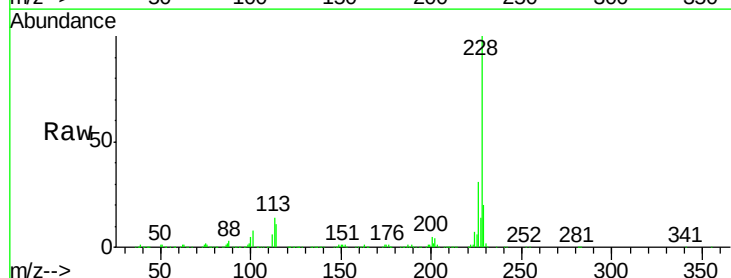
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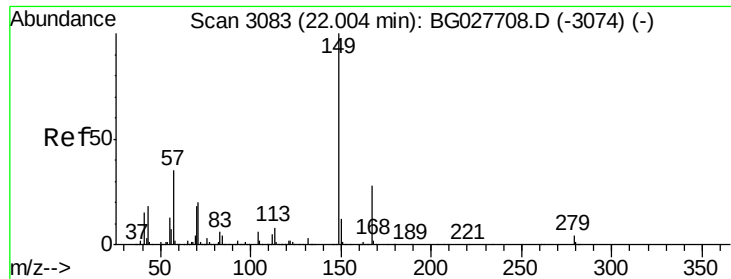
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#82
 Chrysene
 Concen: 44.983 ng
 RT: 22.22 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	27.0	40.4
229	20.5	17.8	26.6





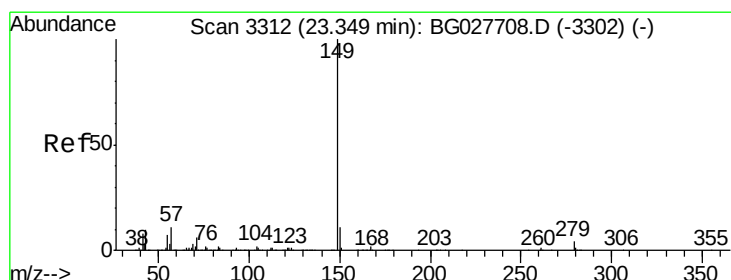
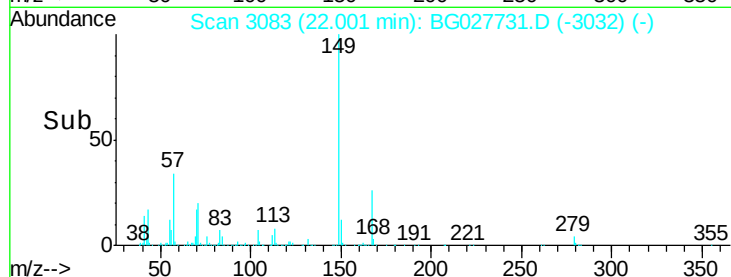
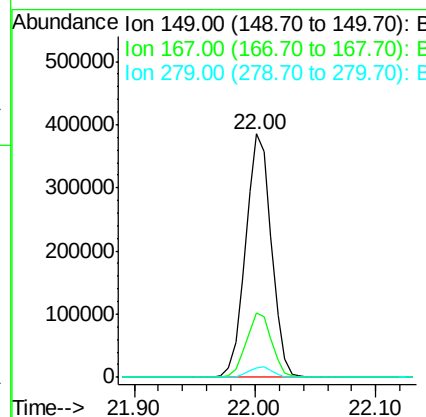
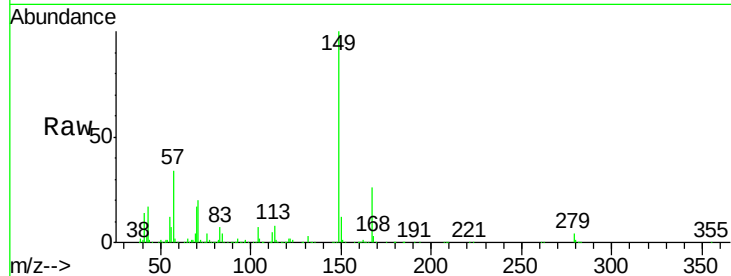
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.119 ng
 RT: 22.00 min Scan# 3083
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	572439		
167	26.3	23.7	35.5	
279	3.9	4.6	6.8#	

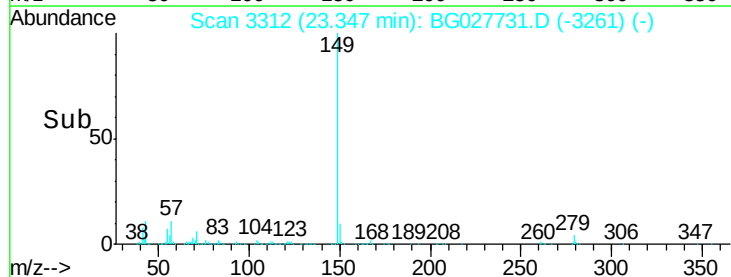
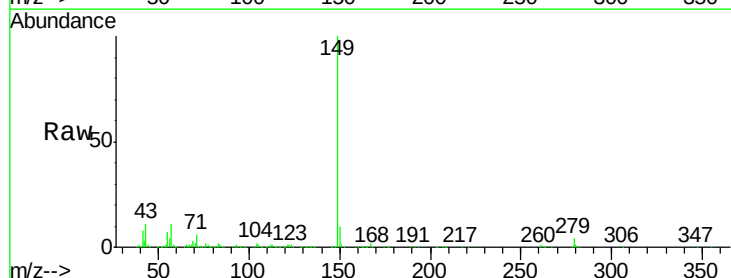
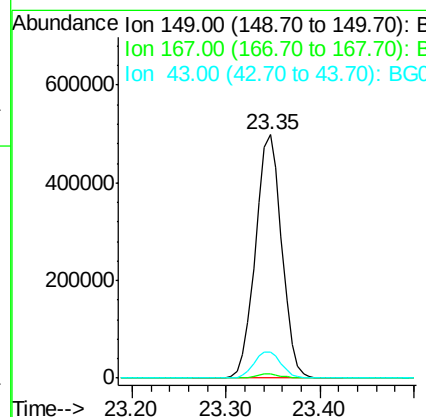
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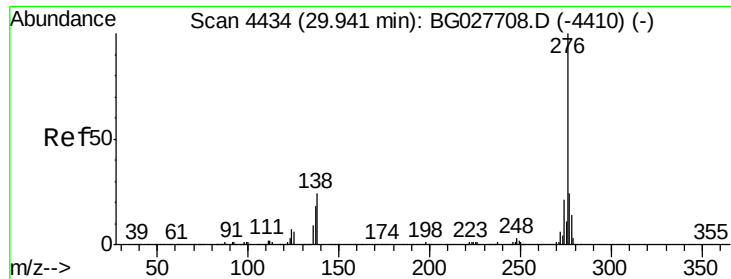
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#84
 Di-n-octyl phthalate
 Concen: 47.889 ng
 RT: 23.35 min Scan# 3312
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	961189		
167	1.6	1.4	2.2	
43	11.0	11.8	17.6#	





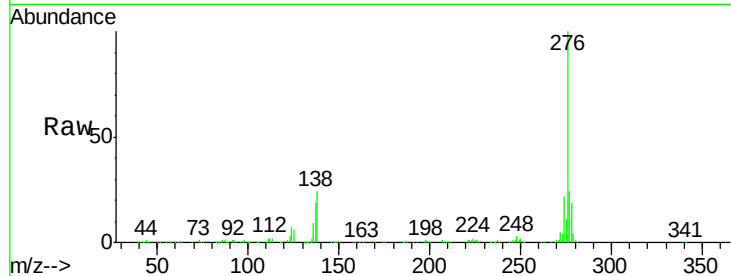
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.771 ng
 RT: 29.94 min Scan# 4435
 Delta R.T. 0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MSD

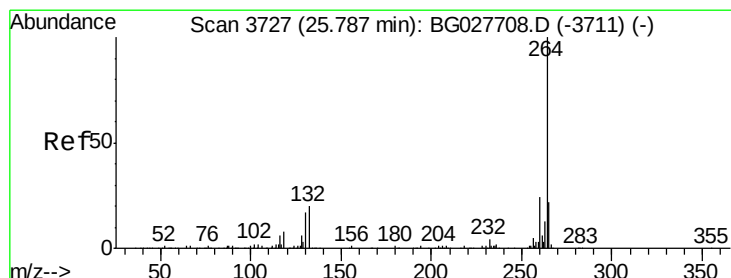
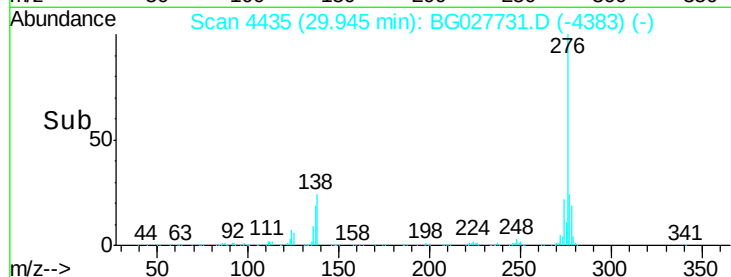
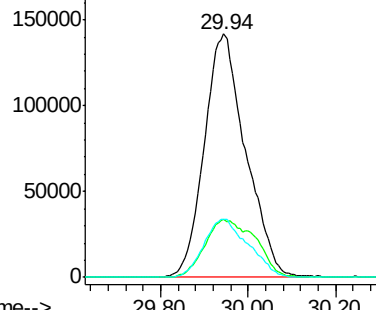
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	4.7	7.1#
277	25.7	20.6	31.0

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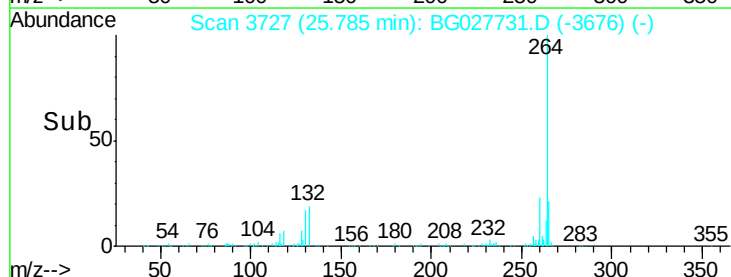
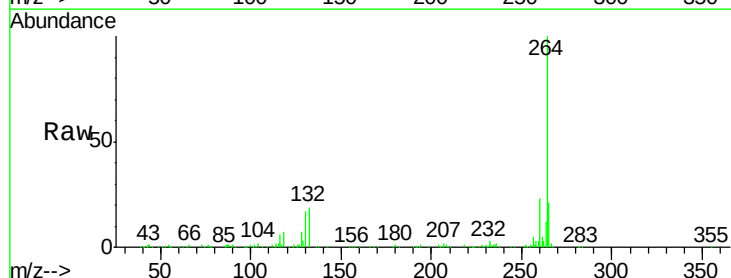
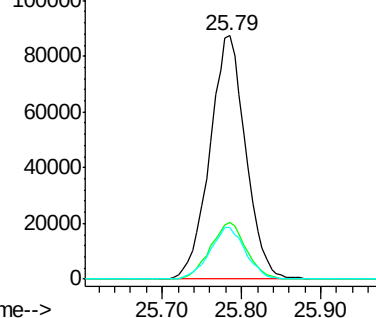
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

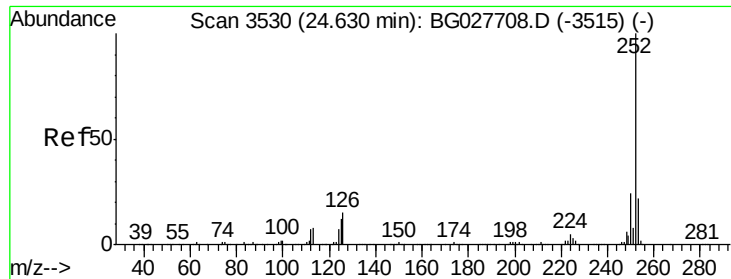


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.79 min Scan# 3727
 Delta R.T. -0.00 min
 Lab File: BG027731.D
 Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.0	18.2	27.4

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.293 ng

RT: 24.63 min Scan# 3530

Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

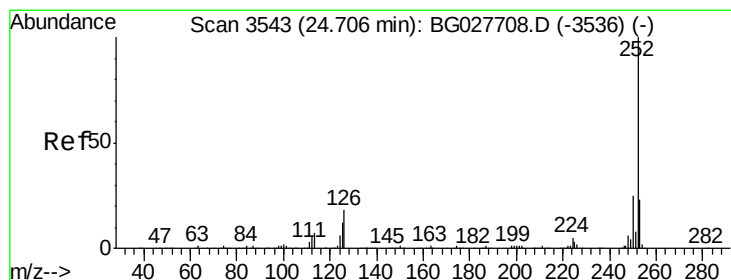
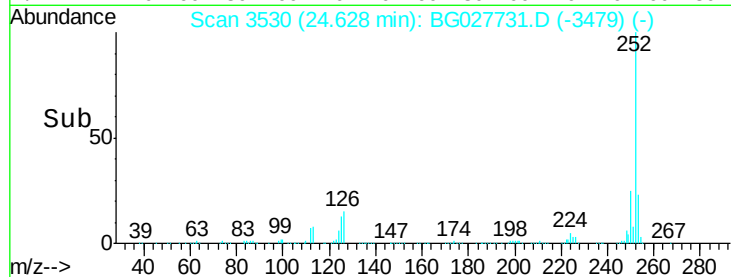
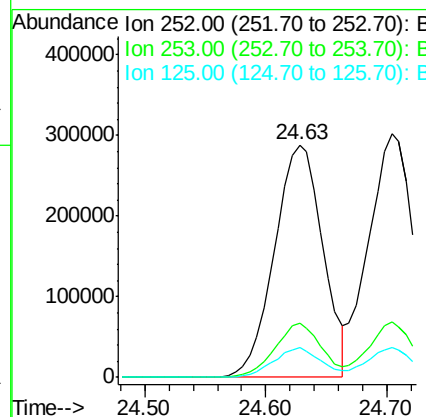
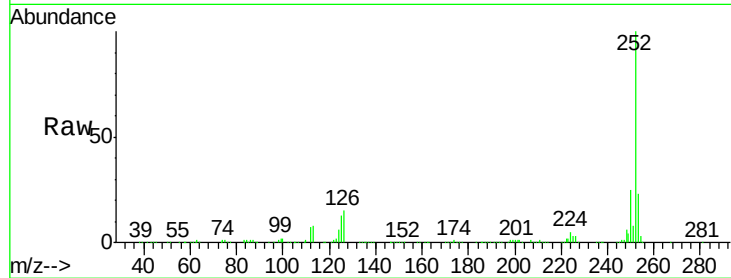
ClientSampleId :

HD-01-062617MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	12.8	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 45.465 ng

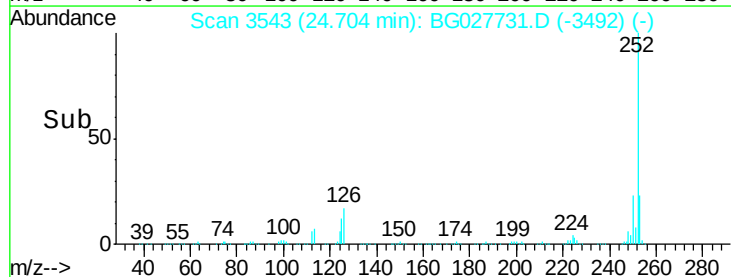
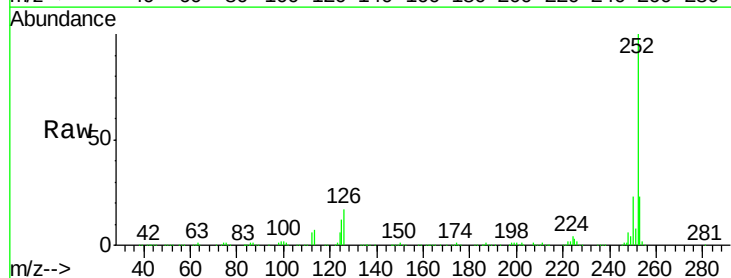
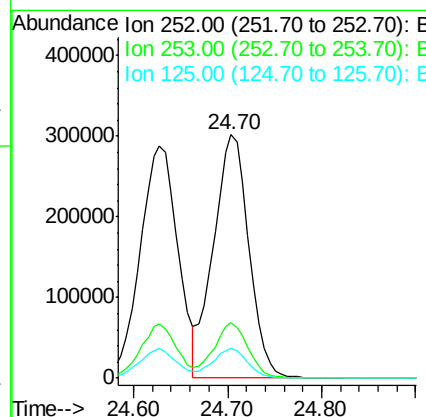
RT: 24.70 min Scan# 3543

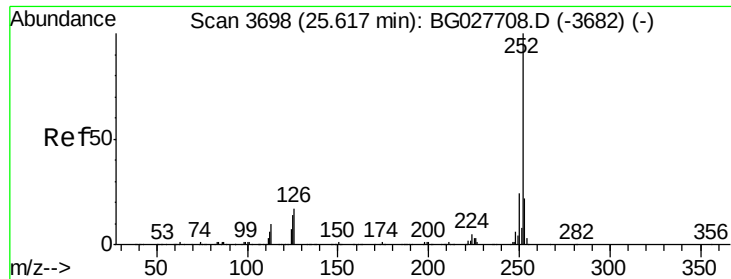
Delta R.T. -0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.2	30.2
125	12.5	5.1	7.7#





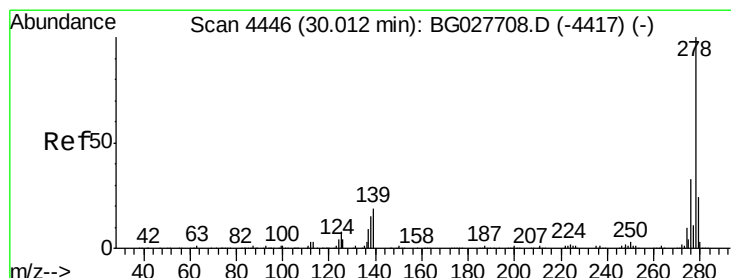
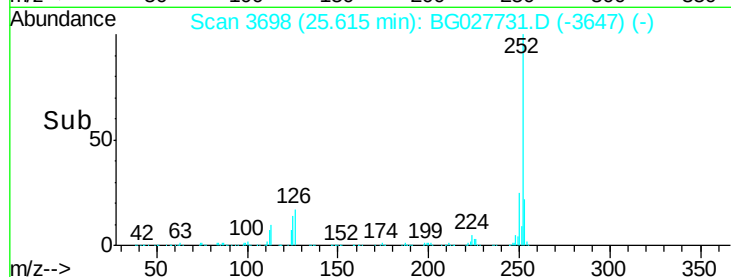
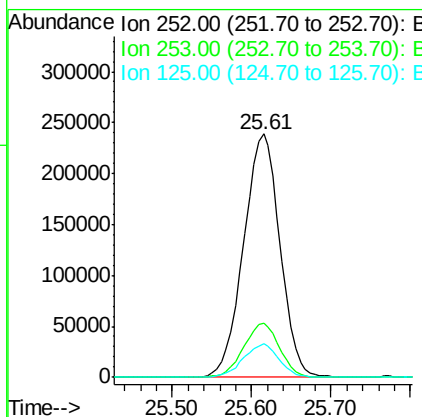
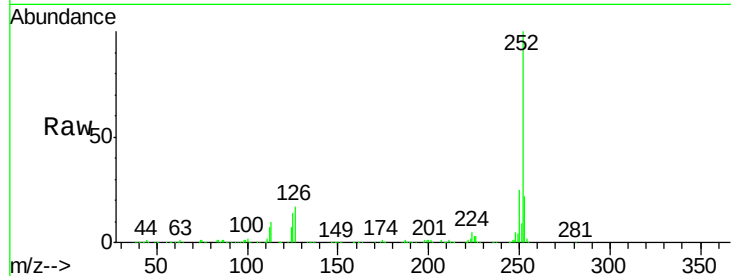
#89
Benzo(a)pyrene
Concen: 46.084 ng
RT: 25.61 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.2	28.8
125	13.7	5.4	8.0

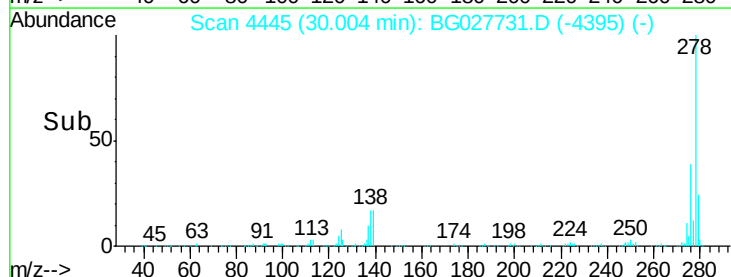
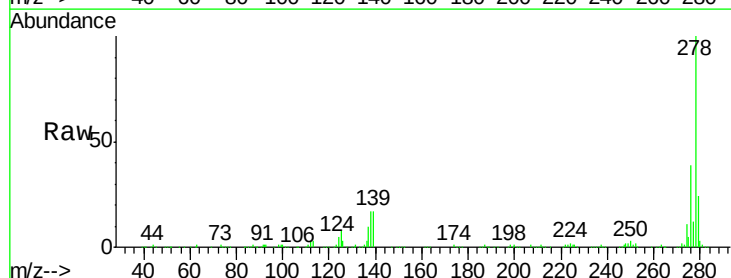
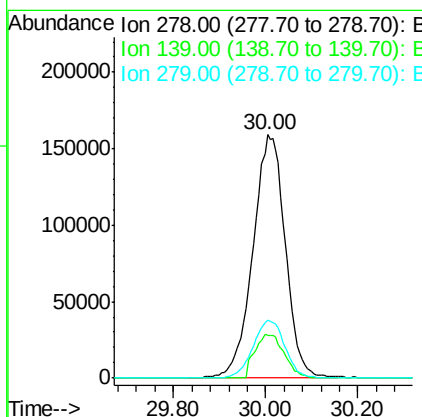
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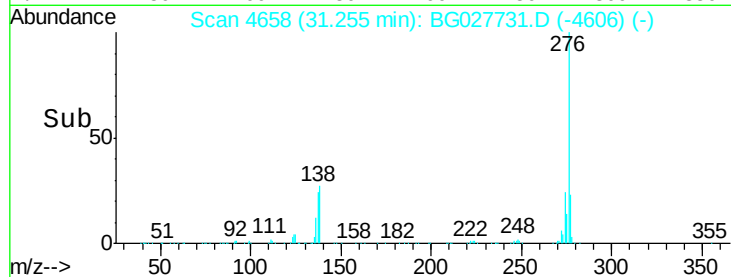
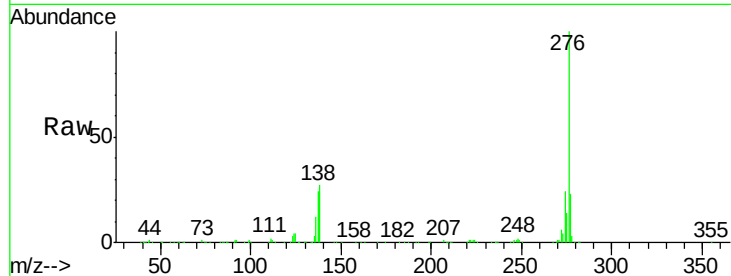
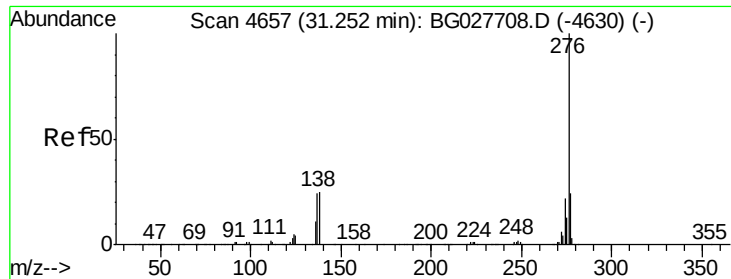
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#90
Dibenzo(a,h)anthracene
Concen: 46.187 ng
RT: 30.00 min Scan# 4445
Delta R.T. -0.01 min
Lab File: BG027731.D
Acq: 29 Jun 2017 7:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	7.7	11.5
279	24.0	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 45.065 ng

RT: 31.26 min Scan# 4658

Delta R.T. 0.00 min

Lab File: BG027731.D

Acq: 29 Jun 2017 7:59

Instrument :

BNA_G

ClientSampleId :

HD-01-062617MSD

Tgt Ion:	276	Resp:	725779
Ion Ratio		Lower	Upper
276	100		
277	23.4	18.6	27.8
138	26.6	8.1	12.1#

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