

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062817\
 Data File : BG027730.D
 Acq On : 29 Jun 2017 7:20
 Operator : SJ/JU
 Sample : I3925-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Manual Integrations
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mohammad
 6/29/2017 4:49:04 PM

Quant Time: Jun 29 12:08:49 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	34445	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	165892	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	103263	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	261638	20.00	ng	0.00
75) Chrysene-d12	22.17	240	291741	20.00	ng	0.00
86) Perylene-d12	25.78	264	271638	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	298702	133.54	ng	0.00
7) Phenol-d6	7.62	99	410995	120.27	ng	0.00
23) Nitrobenzene-d5	9.64	82	261618	87.91	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	213347	150.63	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	644704	89.17	ng	0.00
78) Terphenyl-d14	20.39	244	1188500	95.51	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	4.05	88	26996	32.416	ng	# 89
3) Pyridine	4.44	79	81128	31.637	ng	93
4) n-Nitrosodimethylamine	4.34	42	49100	39.045	ng	# 78
6) Aniline	7.80	93	147034	37.120	ng	95
8) 2-Chlorophenol	8.04	128	112751	45.109	ng	94
9) Benzaldehyde	7.62	77	52447	25.793	ng	88
10) Phenol	7.65	94	140265	41.488	ng	79
11) bis(2-Chloroethyl)ether	7.88	93	104150	40.556	ng	95
12) 1,3-Dichlorobenzene	8.36	146	101733	38.264	ng	# 91
13) 1,4-Dichlorobenzene	8.51	146	105849	38.423	ng	95
14) 1,2-Dichlorobenzene	8.83	146	103550	38.766	ng	96
15) Benzyl Alcohol	8.71	79	107515	45.482	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.99	45	221624	40.461	ng	97
17) 2-Methylphenol	8.90	107	102281	42.762	ng	# 85
18) Hexachloroethane	9.56	117	37310	38.502	ng	# 80
19) n-Nitroso-di-n-propylamine	9.26	70	94597	38.051	ng	94
20) 3+4-Methylphenols	9.22	107	142711	41.375	ng	90
22) Acetophenone	9.29	105	170444	42.578	ng	# 89
24) Nitrobenzene	9.69	77	129192	41.521	ng	# 83
25) Isophorone	10.20	82	267755	41.275	ng	# 94
26) 2-Nitrophenol	10.40	139	61898	44.042	ng	# 79
27) 2,4-Dimethylphenol	10.43	122	124092	47.141	ng	92
28) bis(2-Chloroethoxy)methane	10.67	93	152137	41.366	ng	96
29) 2,4-Dichlorophenol	10.93	162	108621	47.085	ng	97
30) 1,2,4-Trichlorobenzene	11.15	180	98527	41.877	ng	97
31) Naphthalene	11.34	128	360995	40.920	ng	100
32) Benzoic acid	10.55	122	62000	40.282	ng	# 84
33) 4-Chloroaniline	11.44	127	88253	23.156	ng	# 88
34) Hexachlorobutadiene	11.62	225	54294	41.416	ng	98
35) Caprolactam	12.21	113	43621m	37.594	ng	
36) 4-Chloro-3-methylphenol	12.53	107	147515	45.443	ng	91
37) 2-Methylnaphthalene	12.91	142	272080m	41.407	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	116613	42.975	ng	98
40) Hexachlorocyclopentadiene	13.25	237	125437	98.044	ng	95

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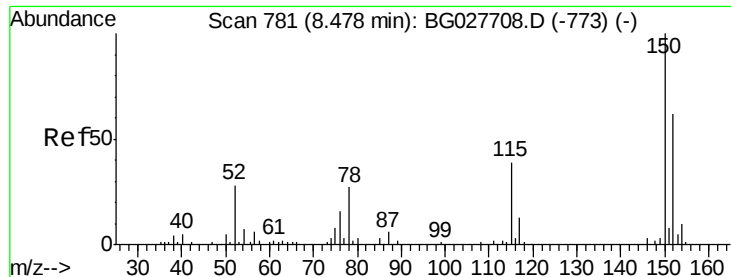
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Quant Time: Jun 29 12:08:49 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	90576	46.216	ng	95
43) 2,4,5-Trichlorophenol	13.58	196	100704	45.348	ng	# 97
45) 1,1'-Biphenyl	13.90	154	362002	43.737	ng	98
46) 2-Chloronaphthalene	13.95	162	269728	43.139	ng	98
47) 2-Nitroaniline	14.15	65	113975	45.540	ng	# 84
48) Acenaphthylene	14.79	152	469098	41.059	ng	97
49) Dimethylphthalate	14.50	163	394119	44.740	ng	98
50) 2,6-Dinitrotoluene	14.63	165	85019	44.398	ng	# 82
51) Acenaphthene	15.13	154	296100	40.436	ng	96
52) 3-Nitroaniline	14.96	138	82015	36.406	ng	84
53) 2,4-Dinitrophenol	15.17	184	95199	89.451	ng	92
54) Dibenzofuran	15.46	168	444481	45.905	ng	95
55) 4-Nitrophenol	15.26	139	164986	95.939	ng	# 55
56) 2,4-Dinitrotoluene	15.41	165	126504	47.363	ng	# 91
57) Fluorene	16.11	166	391064	41.655	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.68	232	94598m	49.417	ng	
59) Diethylphthalate	15.86	149	443202	45.437	ng	95
60) 4-Chlorophenyl-phenylether	16.09	204	180851	43.516	ng	92
61) 4-Nitroaniline	16.13	138	115235	49.099	ng	# 63
62) Azobenzene	16.38	77	414082	48.311	ng	93
64) 4,6-Dinitro-2-methylphenol	16.18	198	68579	42.758	ng	81
65) n-Nitrosodiphenylamine	16.30	169	362059	42.540	ng	99
66) 4-Bromophenyl-phenylether	16.98	248	118654	43.360	ng	# 90
67) Hexachlorobenzene	17.11	284	122354	42.220	ng	97
68) Atrazine	17.24	200	131399	48.900	ng	97
69) Pentachlorophenol	17.45	266	159285	85.618	ng	99
70) Phenanthrene	17.85	178	665780	44.079	ng	94
71) Anthracene	17.95	178	673864	44.181	ng	97
72) Carbazole	18.21	167	630935	42.003	ng	97
73) Di-n-butylphthalate	18.74	149	797991	48.342	ng	# 94
74) Fluoranthene	19.85	202	767831	46.514	ng	92
76) Benzidine	20.02	184	153802	23.880	ng	96
77) Pyrene	20.21	202	789263	43.109	ng	95
79) Butylbenzylphthalate	21.08	149	372151	45.132	ng	# 89
80) Benzo(a)anthracene	22.15	228	765010	43.372	ng	95
81) 3,3'-Dichlorobenzidine	22.05	252	217932	34.043	ng	# 98
82) Chrysene	22.23	228	702194	42.473	ng	96
83) Bis(2-ethylhexyl)phthalate	22.00	149	535597	44.447	ng	# 95
84) Di-n-octyl phthalate	23.35	149	912003	45.811	ng	# 91
85) Indeno(1,2,3-cd)pyrene	29.94	276	859609	45.492	ng	# 95
87) Benzo(b)fluoranthene	24.63	252	752374	42.992	ng	# 94
88) Benzo(k)fluoranthene	24.70	252	738588	42.696	ng	# 92
89) Benzo(a)pyrene	25.61	252	713743	43.464	ng	# 91
90) Dibenzo(a,h)anthracene	30.01	278	729236	43.835	ng	# 93
91) Benzo(g,h,i)perylene	31.25	276	686673	42.950	ng	# 86

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



#1

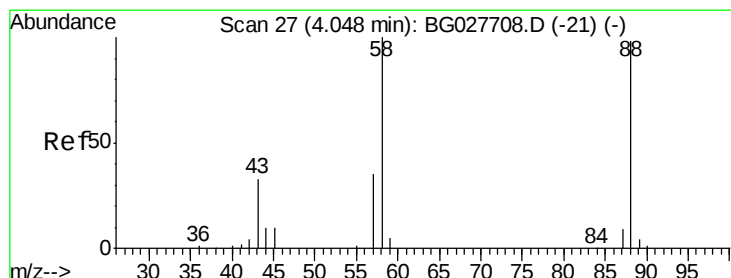
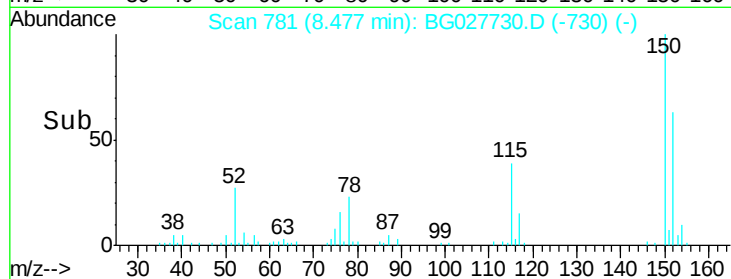
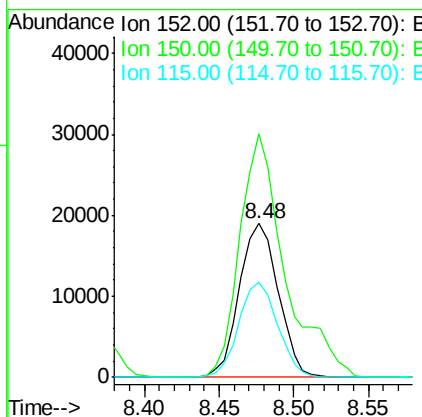
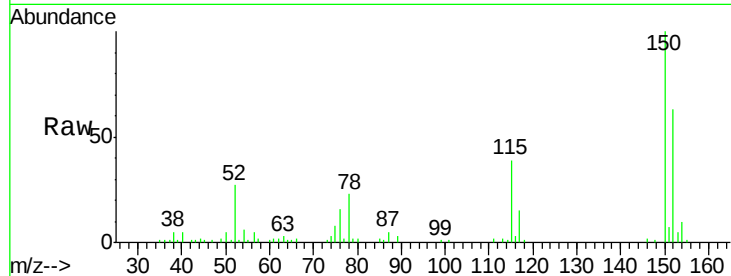
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	114.0	171.0
115	62.2	48.1	72.1

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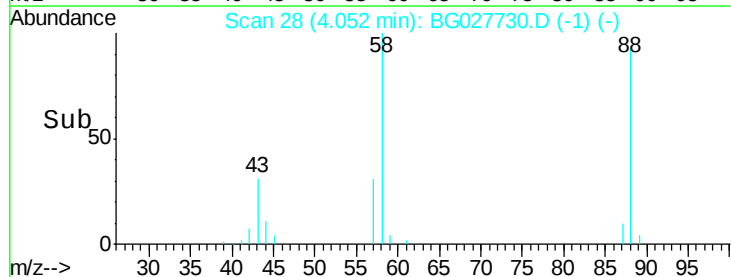
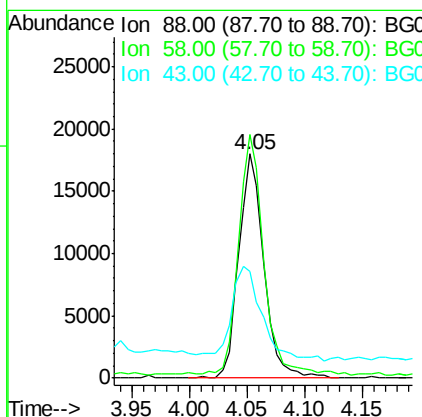
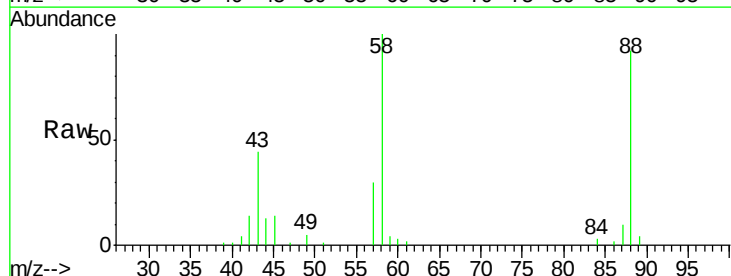
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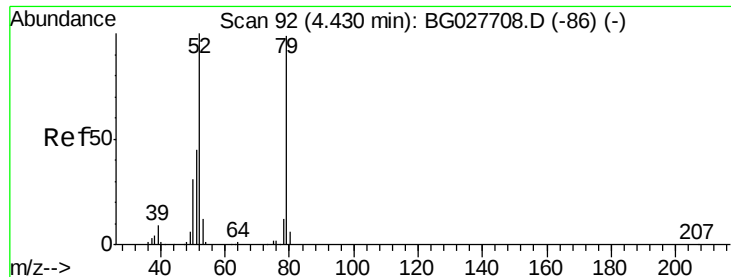


#2

1,4-Dioxane
Concen: 32.416 ng
RT: 4.05 min Scan# 28
Delta R.T. 0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	108.8	79.4	119.2
43	51.2	33.8	50.6





#3

Pyridine

Concen: 31.637 ng

RT: 4.44 min Scan# 94

Delta R.T. 0.01 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

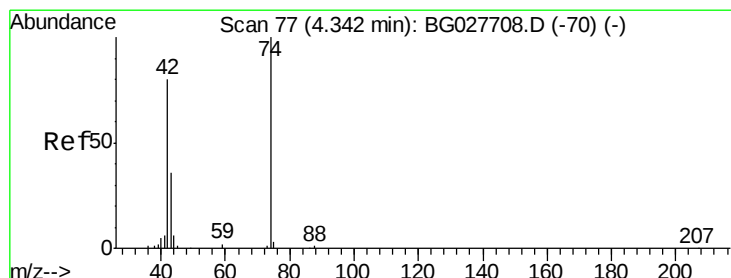
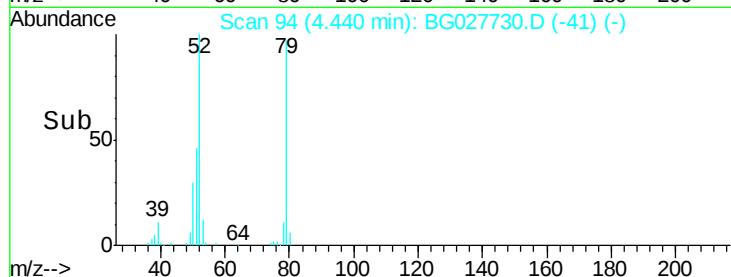
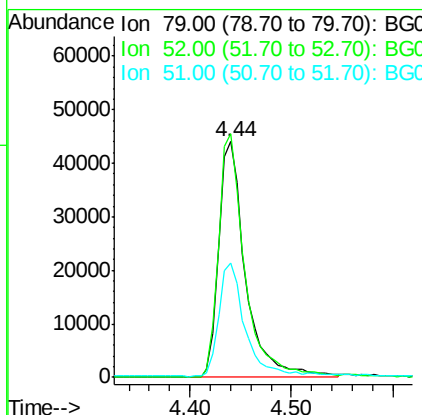
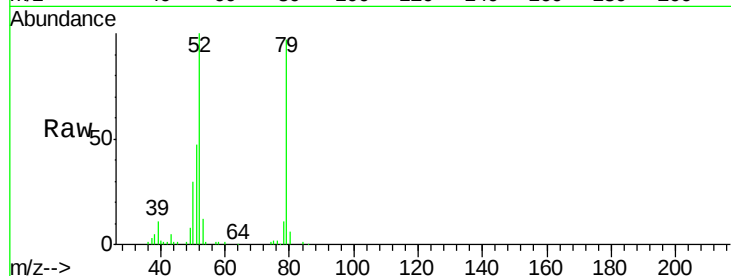
ClientSampleId :

HD-01-062617MS

Tgt Ion:	79	Resp:	81128
Ion Ratio	Lower	Upper	
79	100		
52	103.3	77.8	116.6
51	48.3	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 39.045 ng

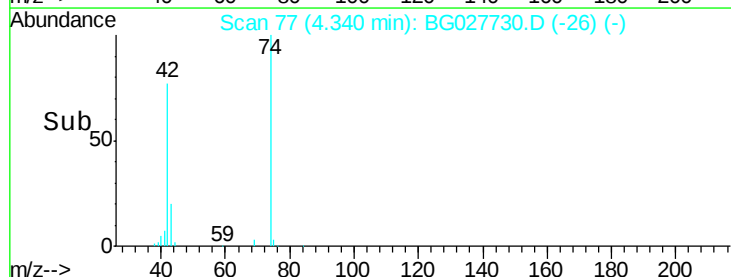
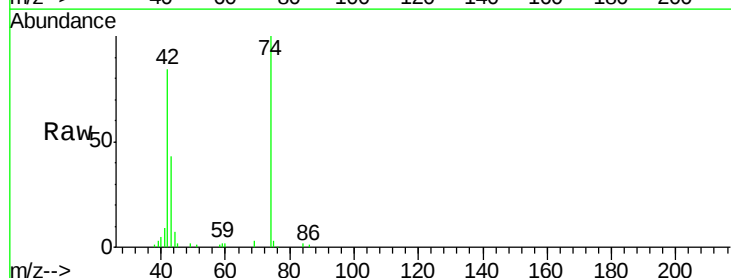
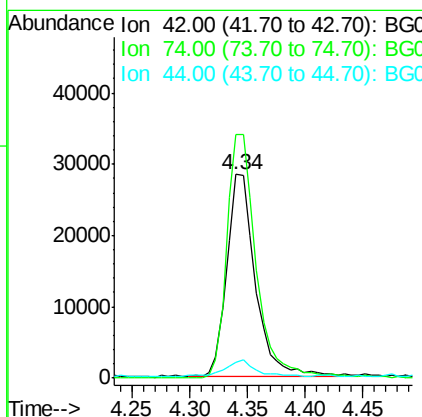
RT: 4.34 min Scan# 77

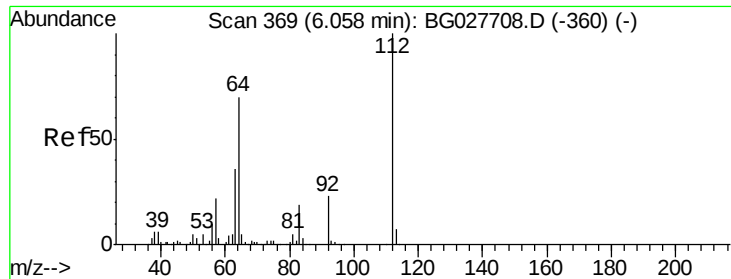
Delta R.T. -0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Tgt Ion:	42	Resp:	49100
Ion Ratio	Lower	Upper	
42	100		
74	119.4	76.7	115.1#
44	7.8	6.1	9.1





#5

2-Fluorophenol

Concen: 133.539 ng

RT: 6.06 min Scan# 370

Delta R.T. 0.00 min

Lab File: BG027730.D

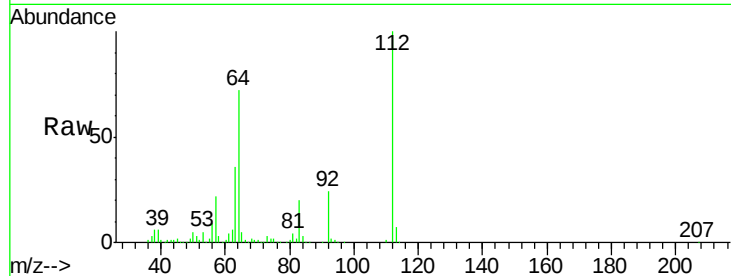
Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

ClientSampleId :

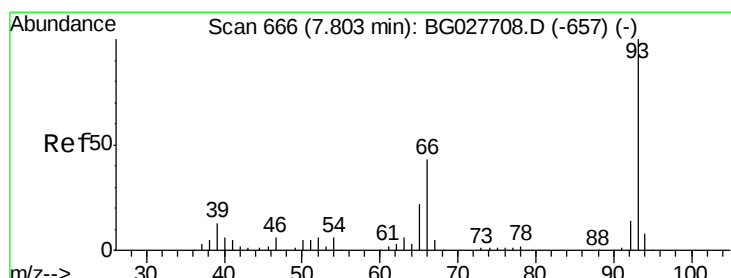
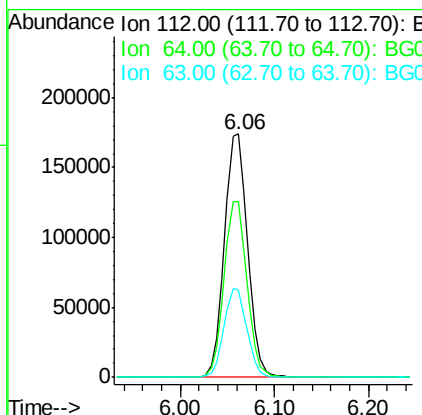
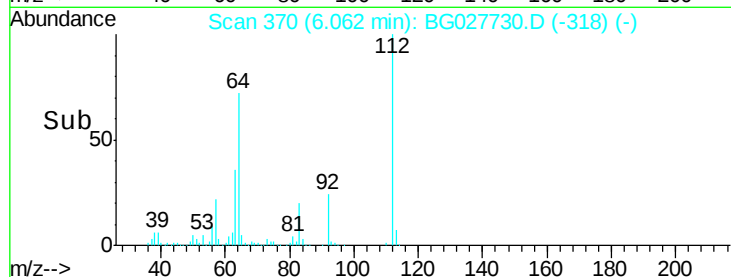
HD-01-062617MS



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	298702		
64	72.0	61.8	92.6	
63	36.0	37.2	55.8	

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#6

Aniline

Concen: 37.120 ng

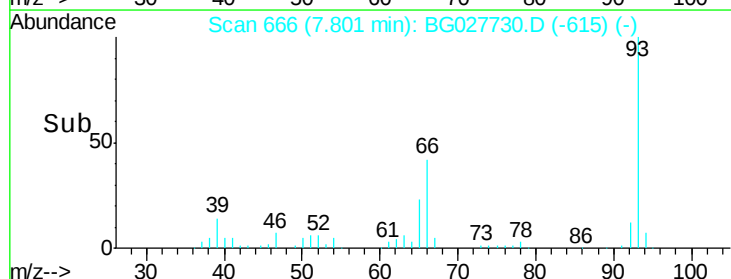
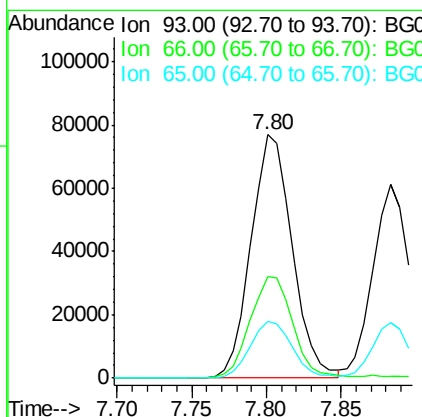
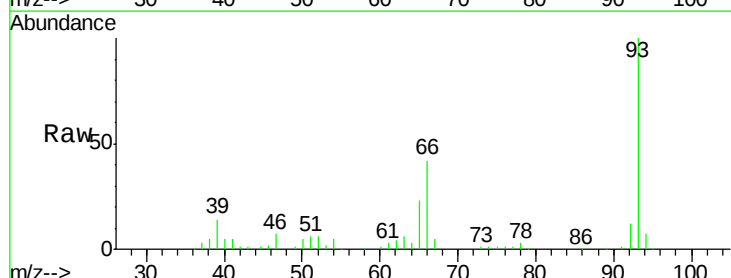
RT: 7.80 min Scan# 666

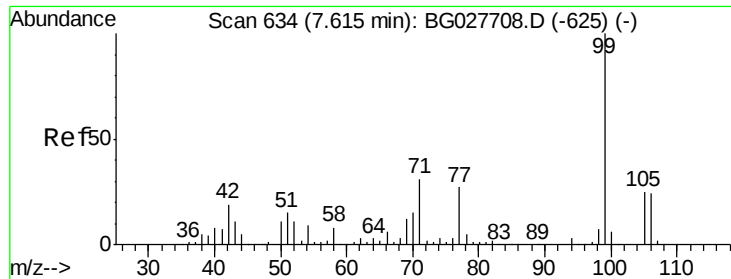
Delta R.T. -0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	147034		
66	41.6	35.4	53.2	
65	23.3	21.2	31.8	





#7

Phenol-d6

Concen: 120.273 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

ClientSampleId :

HD-01-062617MS

Tgt Ion: 99 Resp: 410995

Ion Ratio Lower Upper

99 100

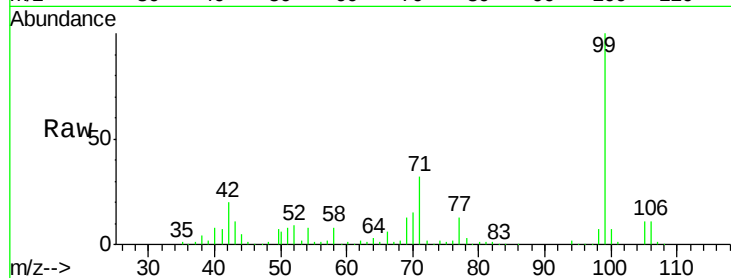
42 19.6 20.5 30.7#

71 32.1 37.6 56.4#

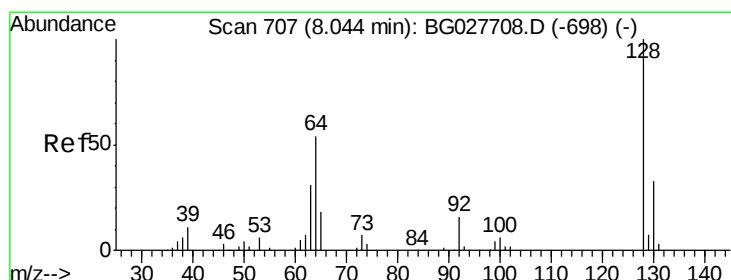
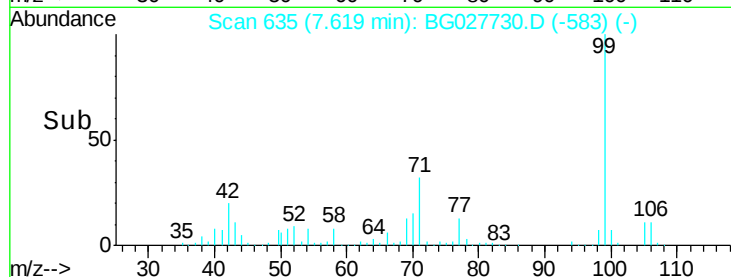
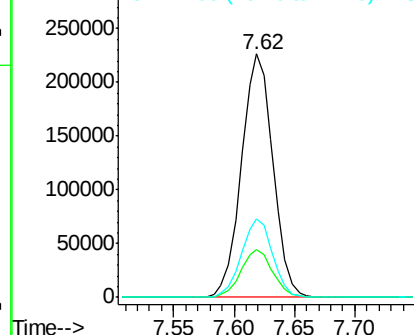
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.109 ng

RT: 8.04 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

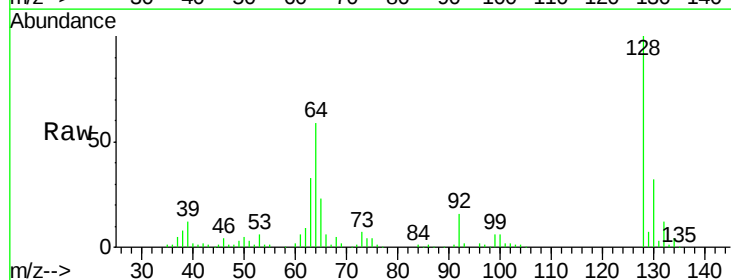
Tgt Ion: 128 Resp: 112751

Ion Ratio Lower Upper

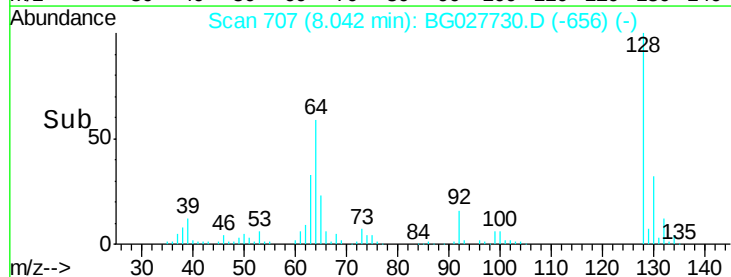
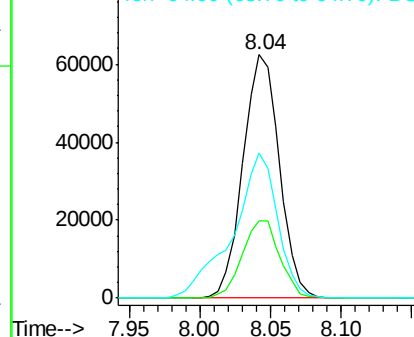
128 100

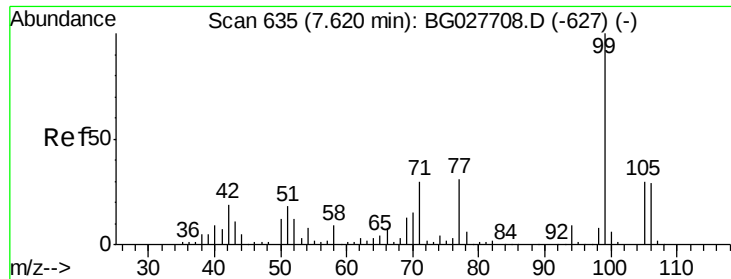
130 31.9 11.4 51.4

64 59.5 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.793 ng

RT: 7.62 min Scan# 635

Delta R.T. -0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

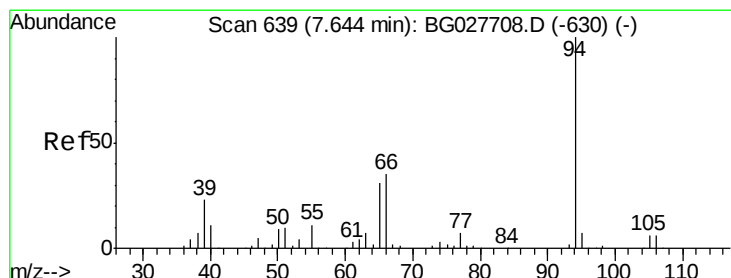
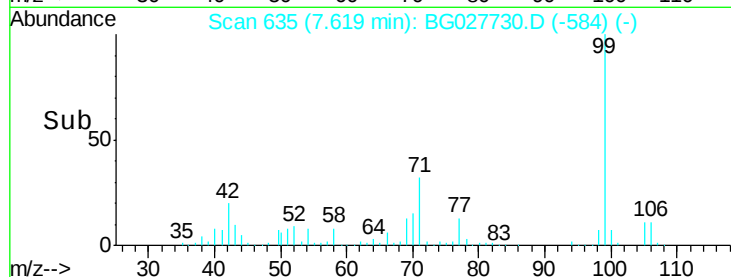
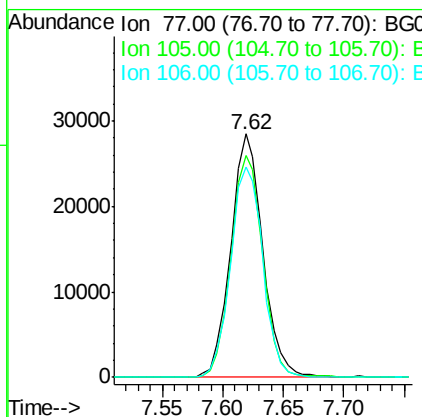
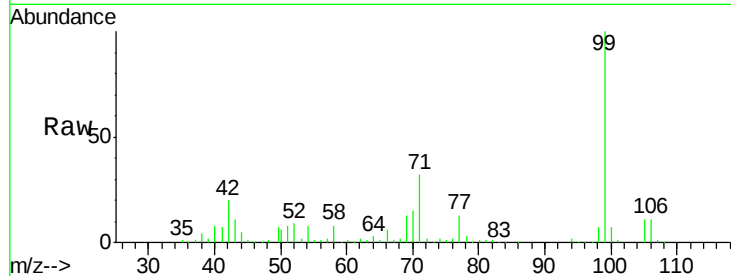
ClientSampleId :

HD-01-062617MS

Tgt Ion:	77	Resp:	52447
Ion Ratio	Lower	Upper	
77	100		
105	91.1	60.9	100.9
106	86.6	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 41.488 ng

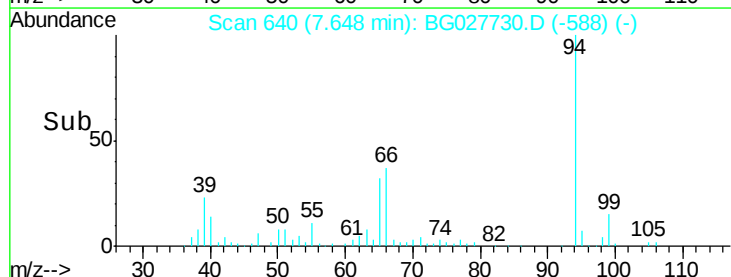
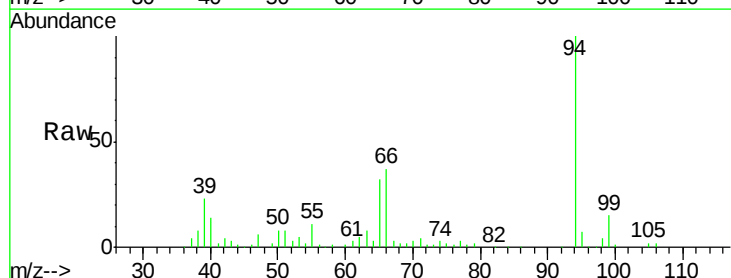
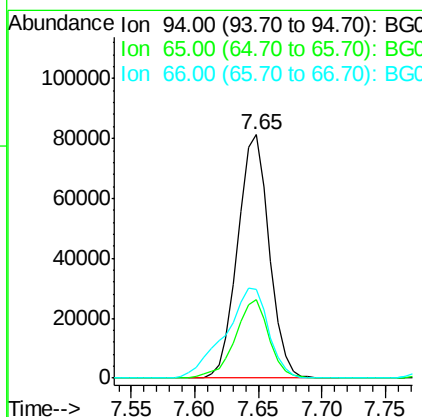
RT: 7.65 min Scan# 640

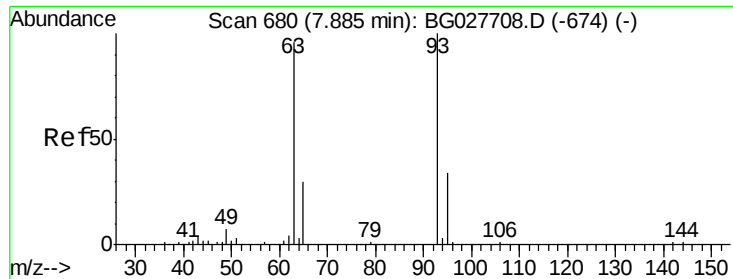
Delta R.T. 0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Tgt Ion:	94	Resp:	140265
Ion Ratio	Lower	Upper	
94	100		
65	32.0	20.6	60.6
66	36.5	35.5	75.5





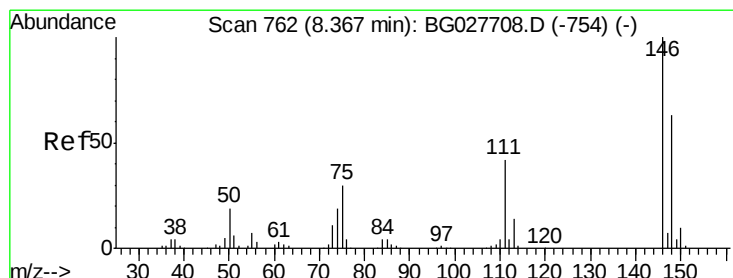
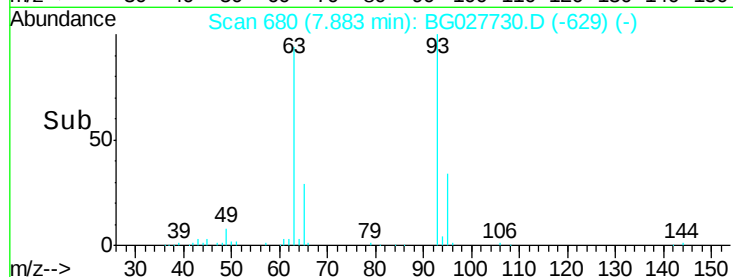
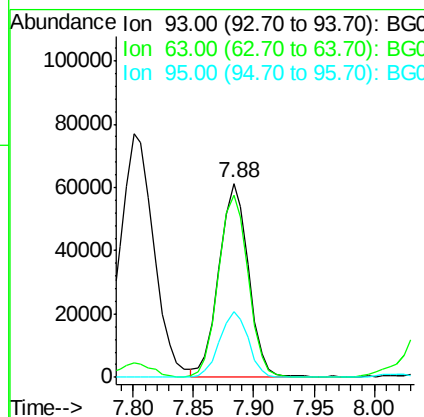
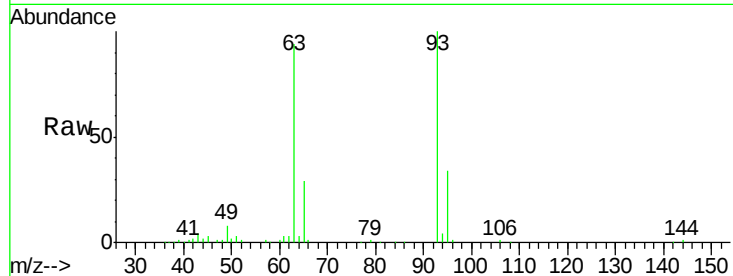
#11
bis(2-Chloroethyl)ether
Concen: 40.556 ng
RT: 7.88 min Scan# 680
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	94.0	78.5	118.5
95	33.7	9.8	49.8

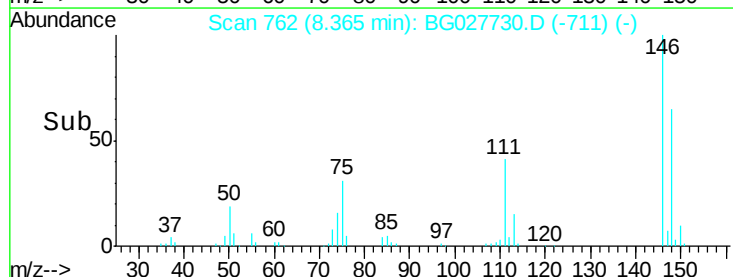
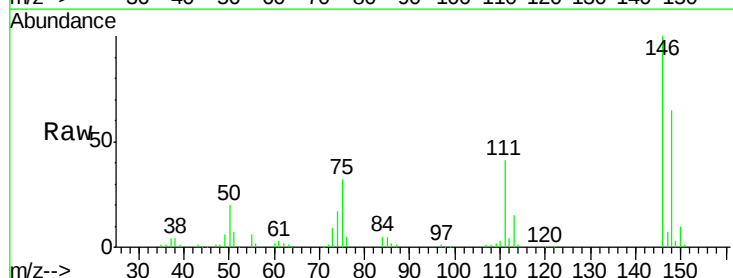
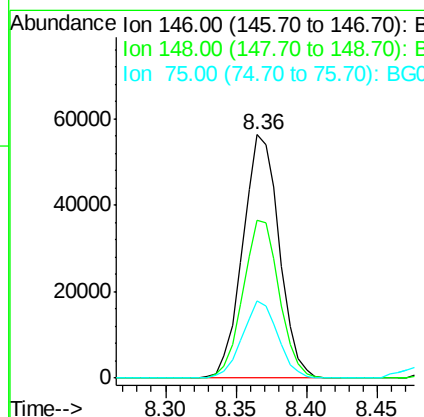
Manual Integrations
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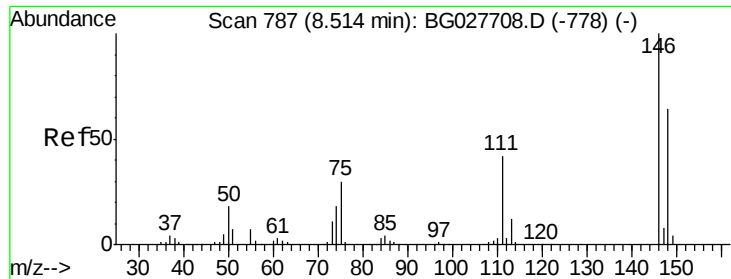
mohammad
6/29/2017 4:49:04 PM



#12
1,3-Dichlorobenzene
Concen: 38.264 ng
RT: 8.36 min Scan# 762
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.2	73.8
75	31.9	33.4	50.2#





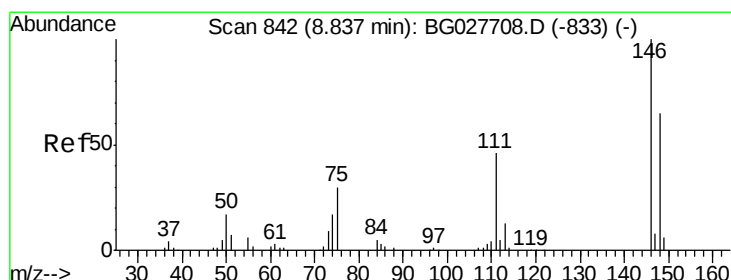
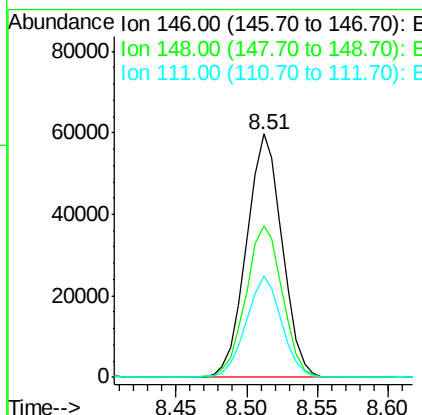
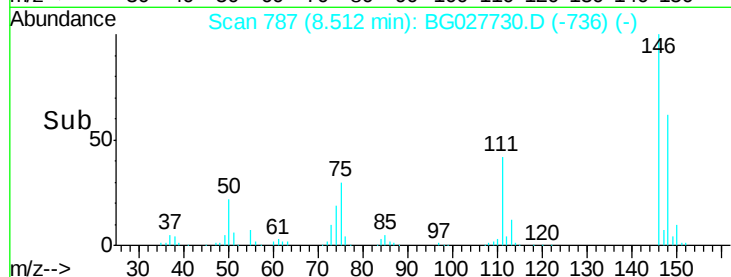
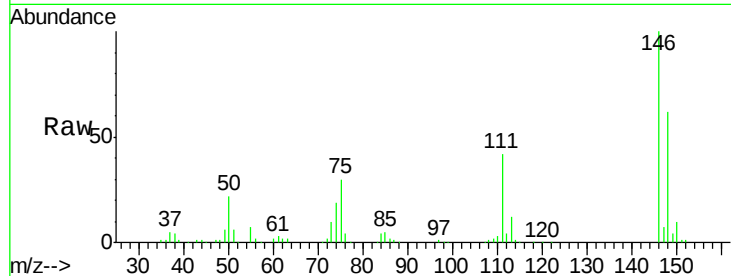
#13
 1,4-Dichlorobenzene
 Concen: 38.423 ng
 RT: 8.51 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.2	78.2
111	41.8	37.0	55.6

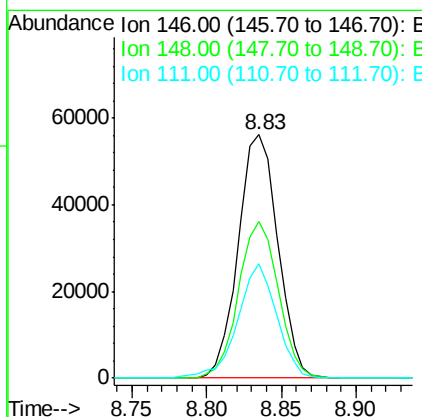
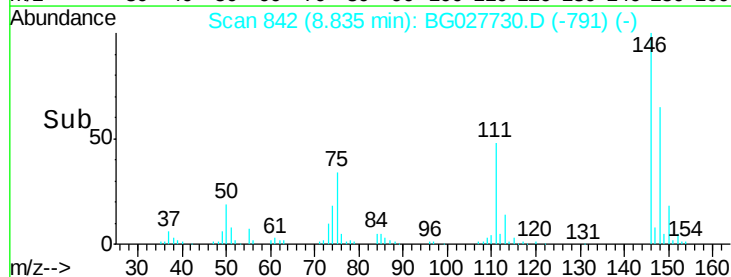
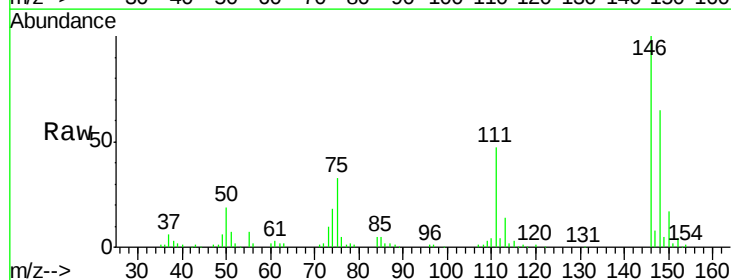
Manual Integrations
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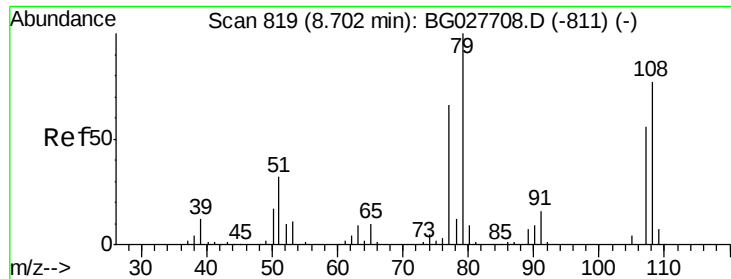
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.766 ng
 RT: 8.83 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	54.6	81.8
111	46.9	39.7	59.5





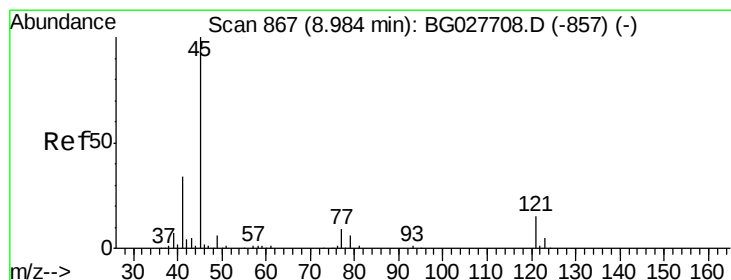
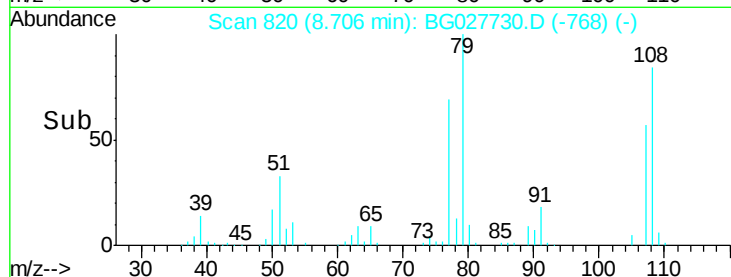
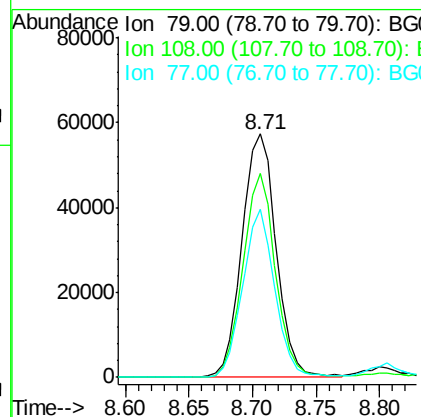
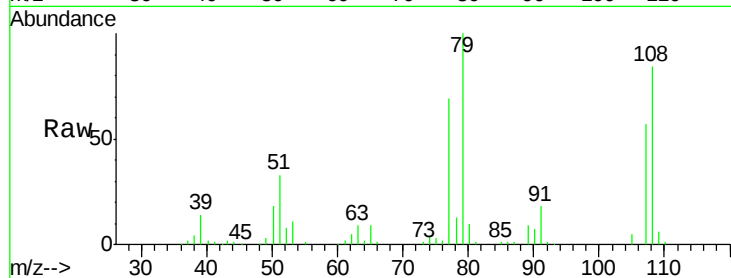
#15
Benzyl Alcohol
Concen: 45.482 ng
RT: 8.71 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	107515		
108	83.6	45.5	68.3#	
77	69.0	54.3	81.5	

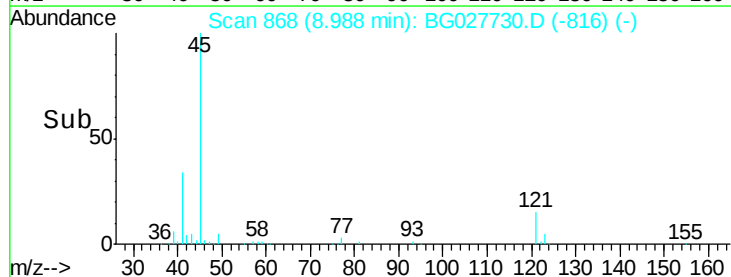
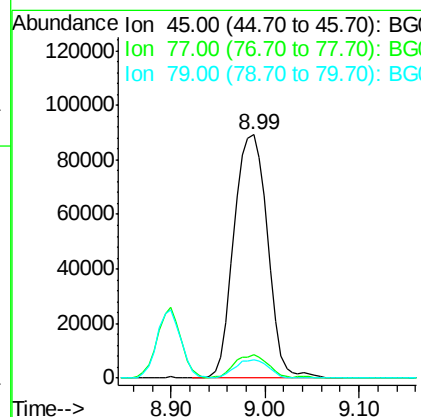
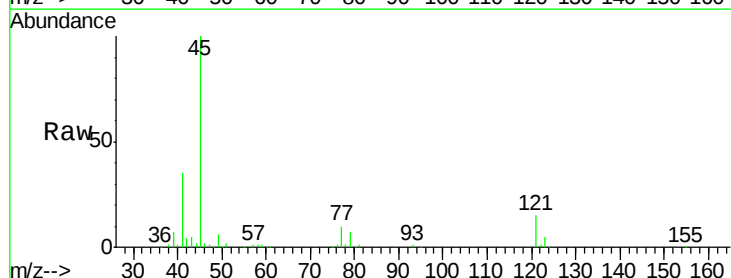
Manual Integrations
APPROVED

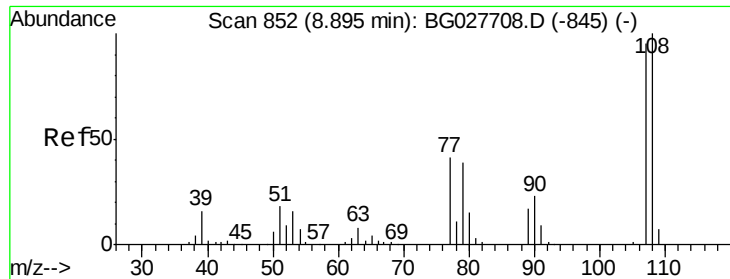
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.461 ng
RT: 8.99 min Scan# 868
Delta R.T. 0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	221624		
77	9.6	0.0	30.6	
79	7.5	0.0	28.5	





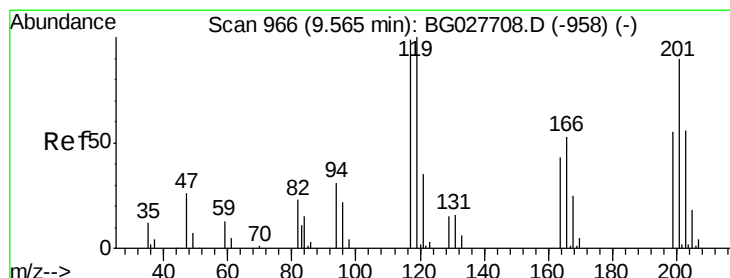
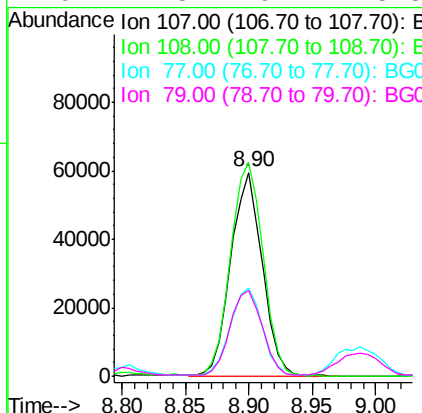
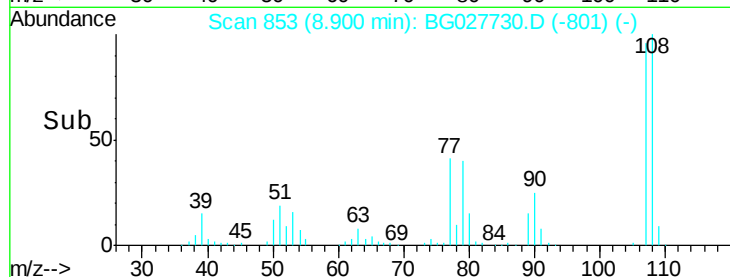
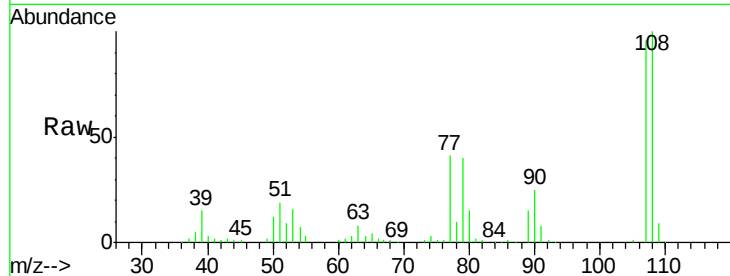
#17
2-Methylphenol
Concen: 42.762 ng
RT: 8.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	102281		
108	104.6	85.6	128.4	
77	43.2	51.4	77.2#	
79	41.8	49.2	73.8#	

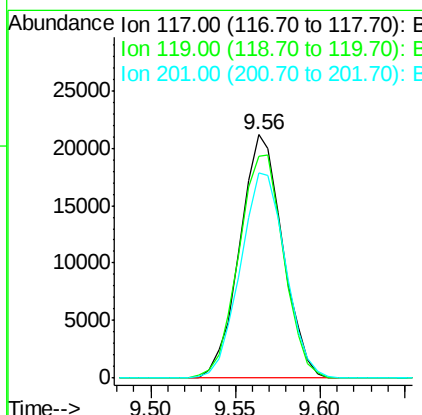
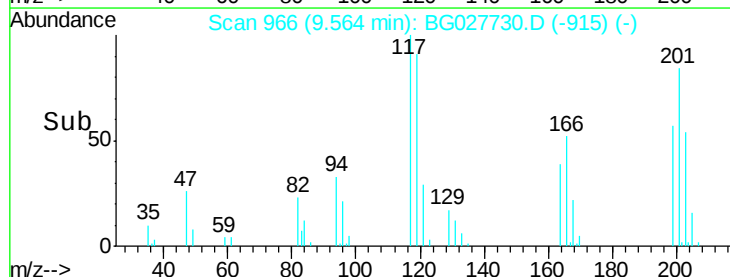
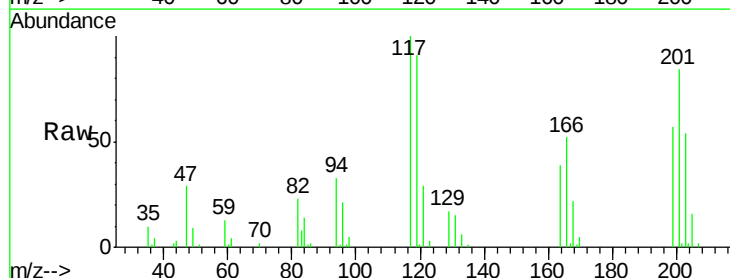
Manual Integrations
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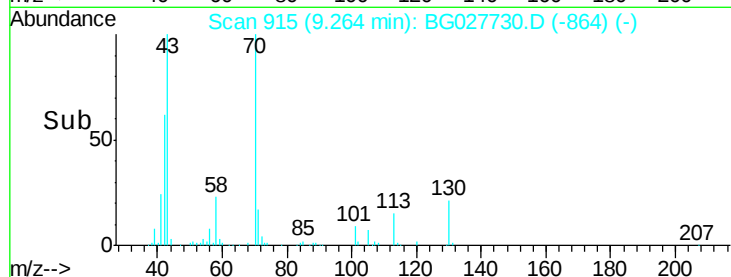
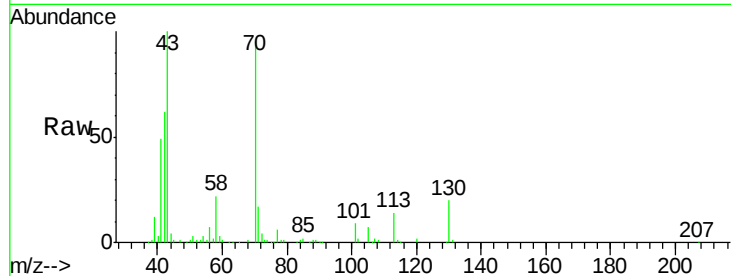
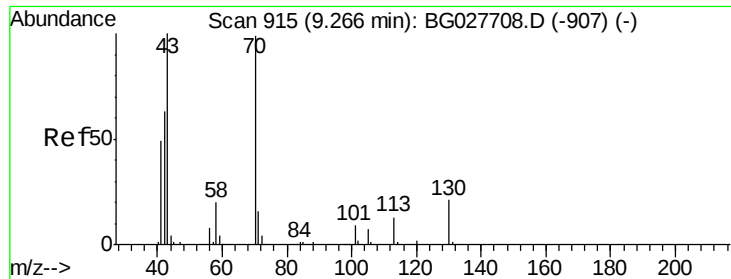
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#18
Hexachloroethane
Concen: 38.502 ng
RT: 9.56 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37310		
119	90.9	69.8	104.6	
201	84.2	95.4	143.0#	





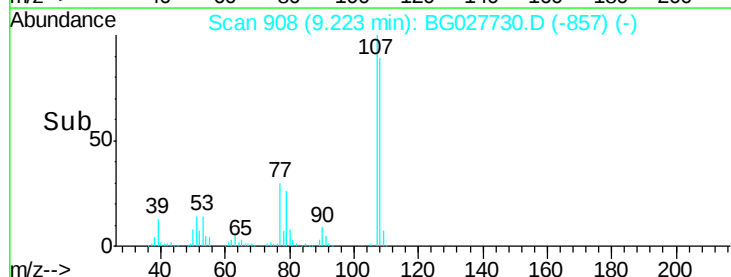
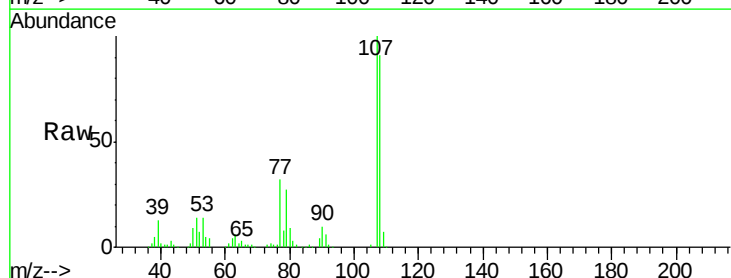
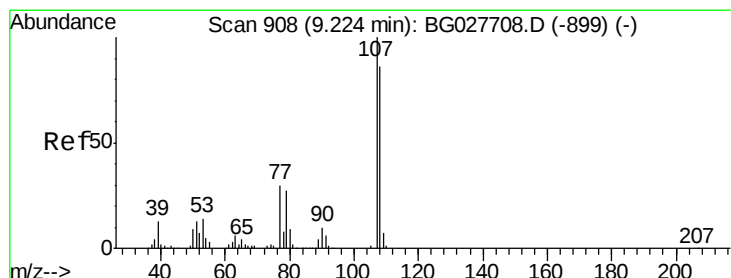
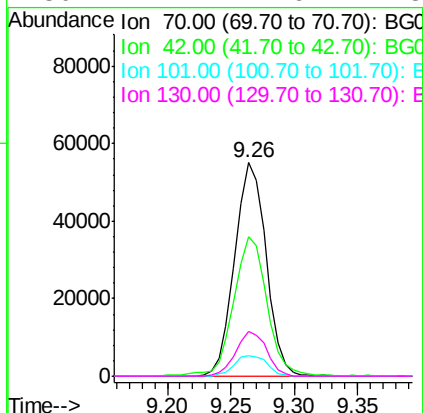
#19
n-Nitroso-di-n-propylamine
Concen: 38.051 ng
RT: 9.26 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Manual Integrations
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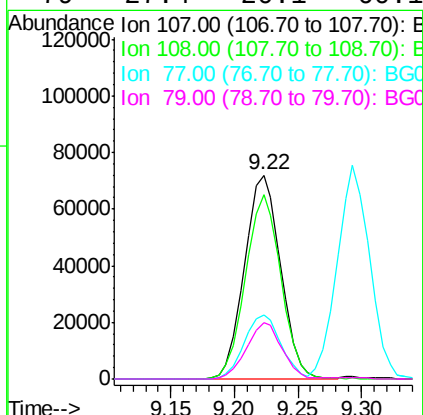
mohammad
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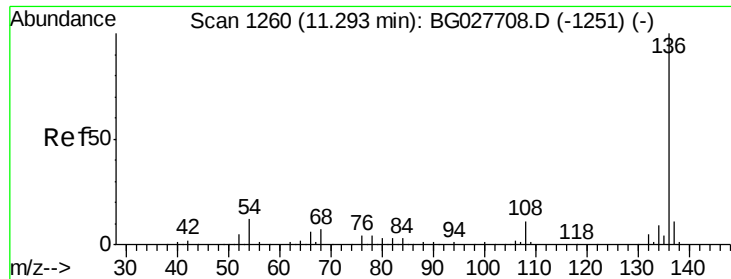
Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.2	56.1	84.1
101	9.3	7.5	11.3
130	21.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 41.375 ng
RT: 9.22 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.8	110.8
77	31.6	25.8	65.8
79	27.4	20.1	60.1





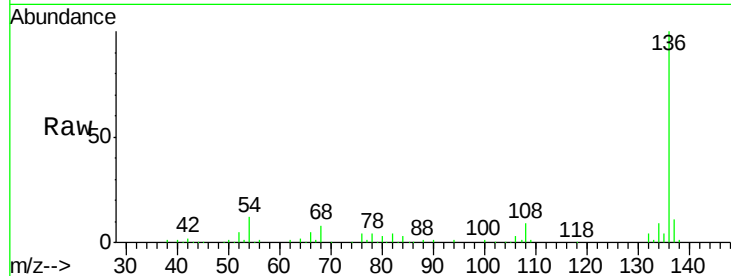
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

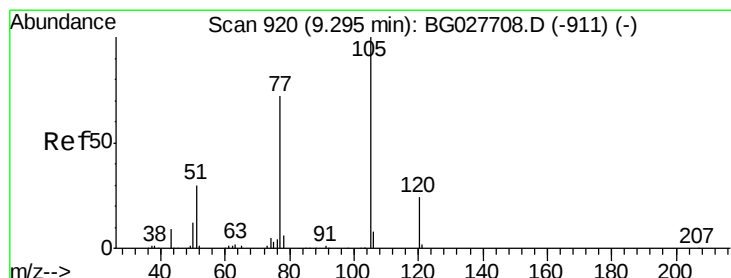
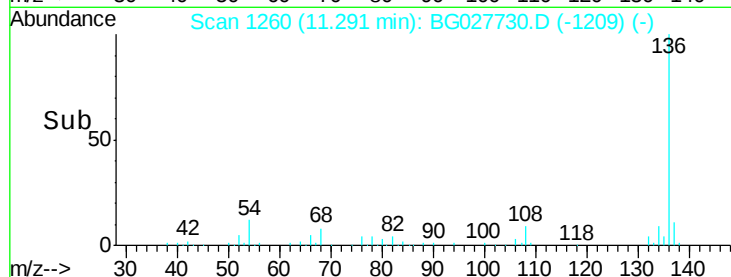
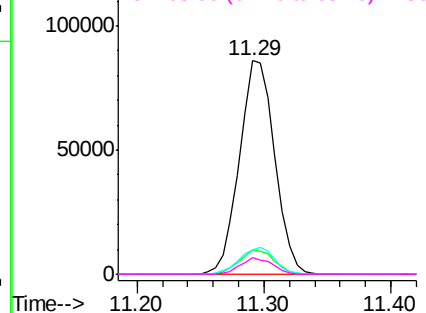
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	165892		
137	11.3	8.9	13.3	
54	11.6	9.3	13.9	
68	7.5	5.1	7.7	

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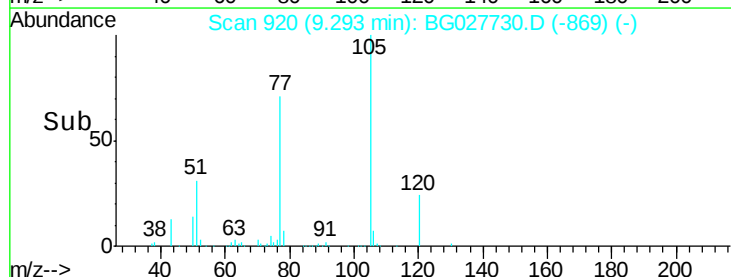
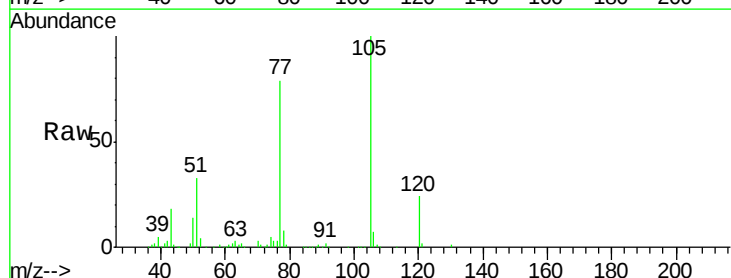
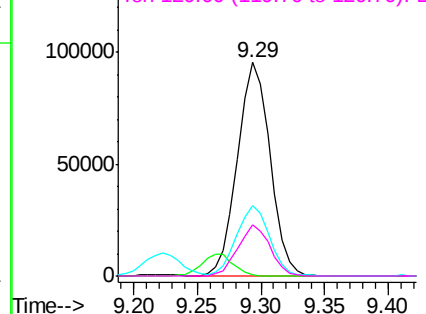
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

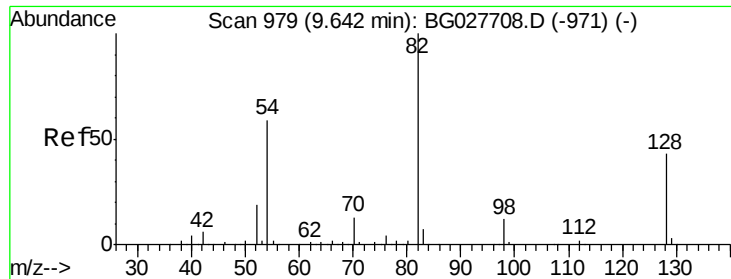


#22
Acetophenone
Concen: 42.578 ng
RT: 9.29 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	170444		
71	0.5	0.9	1.3#	
51	33.0	34.0	51.0#	
120	23.7	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





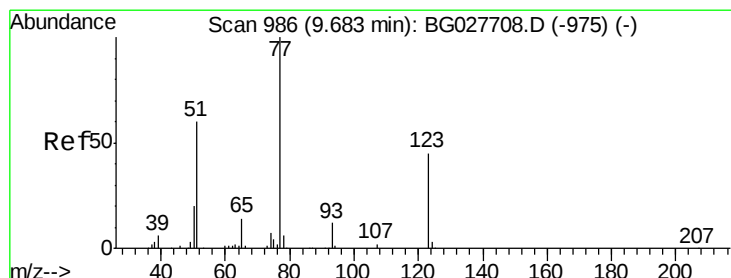
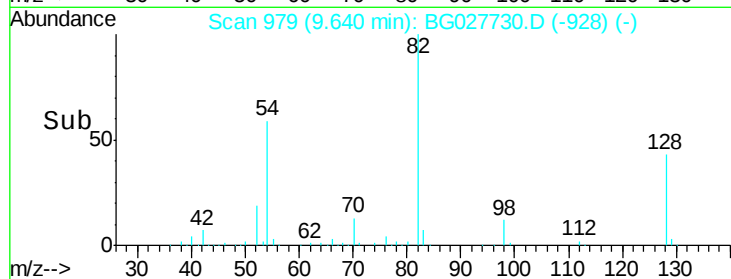
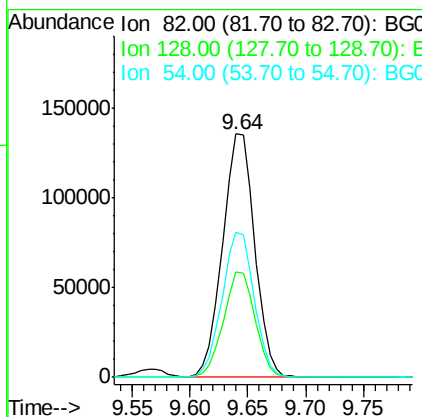
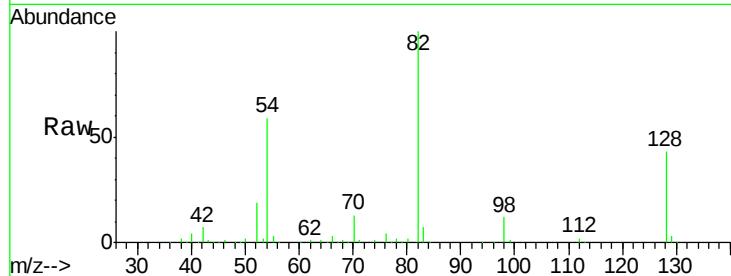
#23
 Nitrobenzene-d5
 Concen: 87.905 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	43.2	26.4	39.6#
54	59.5	49.4	74.2

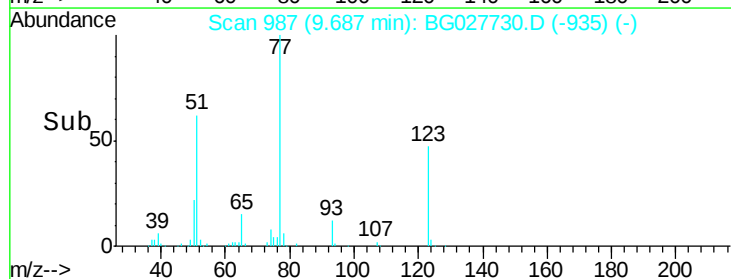
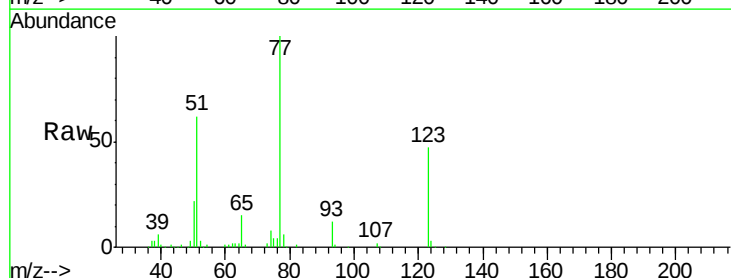
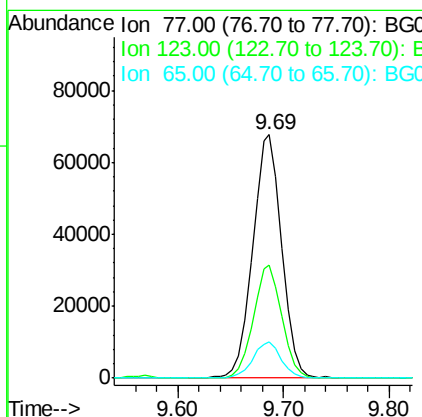
Manual Integrations
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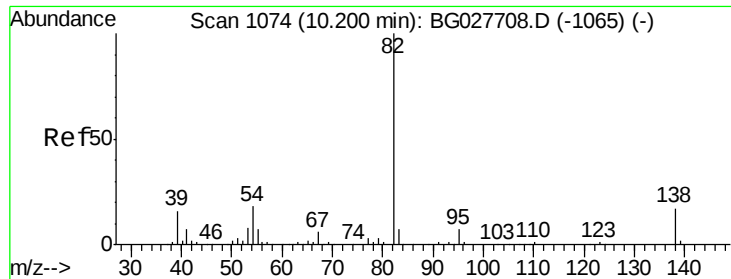
mohammad
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#24
 Nitrobenzene
 Concen: 41.521 ng
 RT: 9.69 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	46.6	26.1	39.1#
65	14.7	12.4	18.6





#25

Isophorone

Concen: 41.275 ng

RT: 10.20 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

ClientSampleId :

HD-01-062617MS

Tgt Ion: 82 Resp: 267755

Ion Ratio Lower Upper

82 100

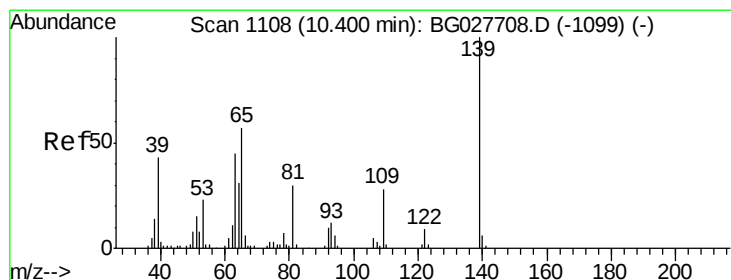
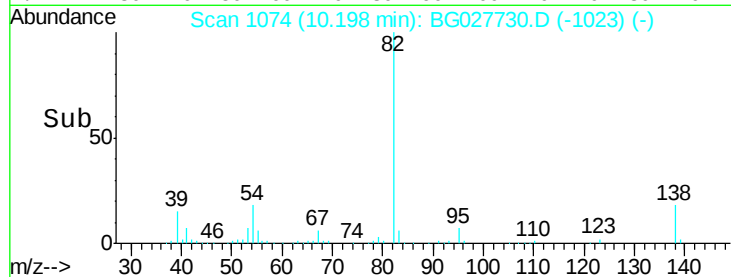
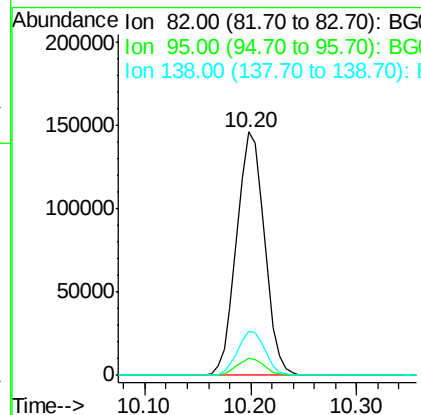
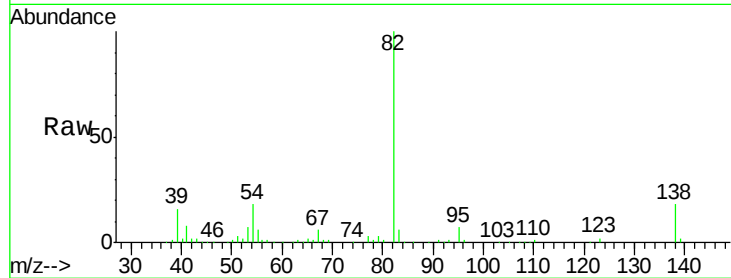
95 7.0 7.5 11.3#

138 17.8 12.3 18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.042 ng

RT: 10.40 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

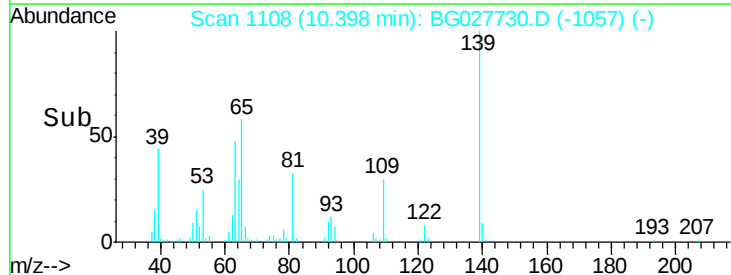
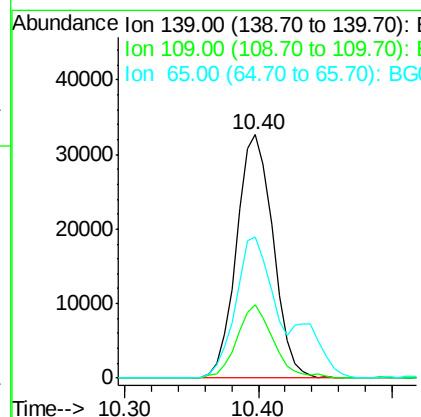
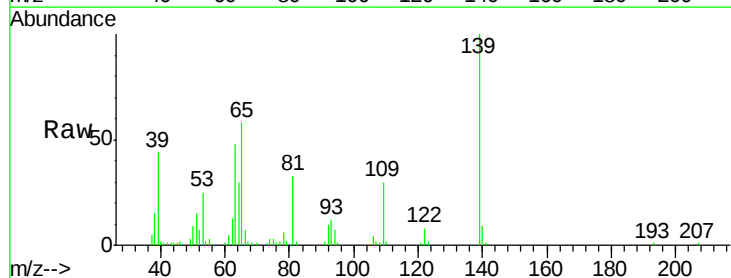
Tgt Ion: 139 Resp: 61898

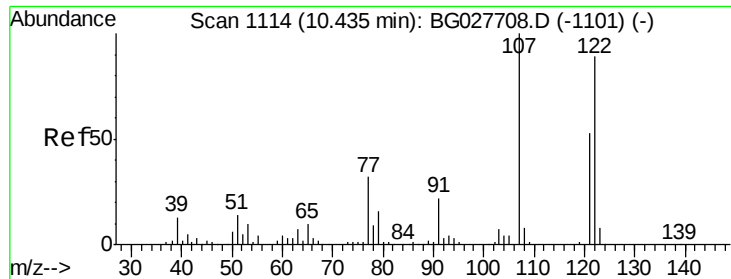
Ion Ratio Lower Upper

139 100

109 30.2 38.6 58.0#

65 57.8 57.1 85.7





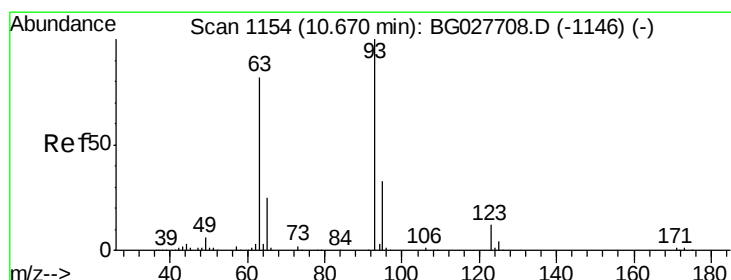
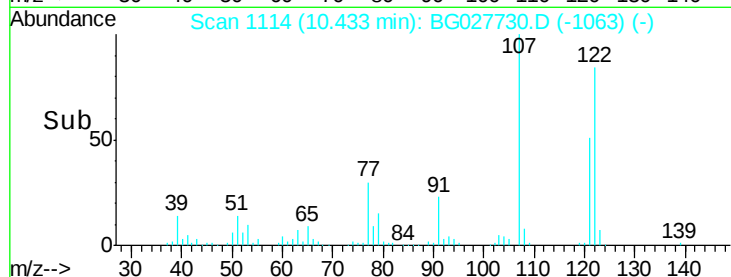
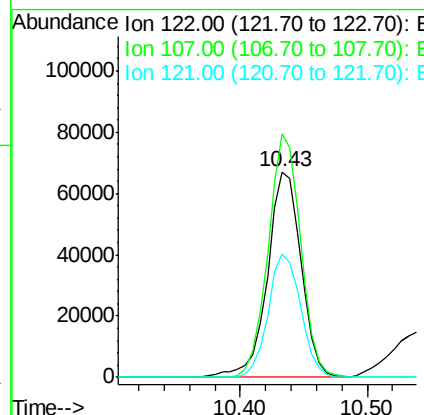
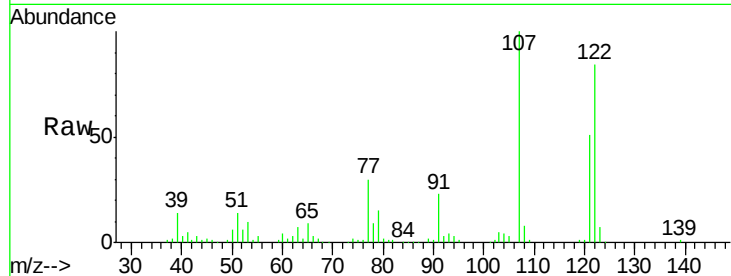
#27
2,4-Dimethylphenol
Concen: 47.141 ng
RT: 10.43 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.5	104.2	156.4
121	60.1	46.0	69.0

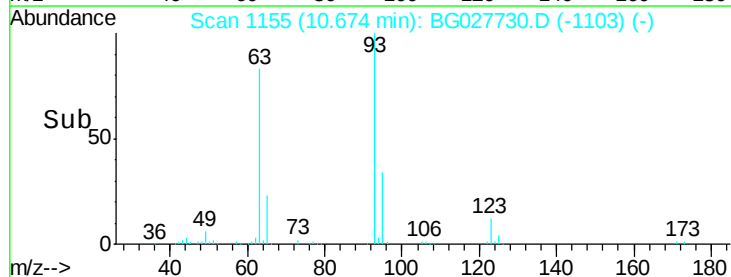
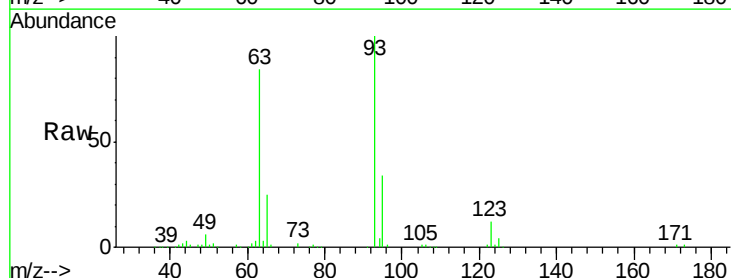
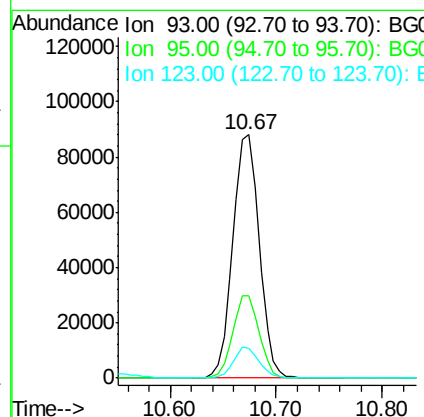
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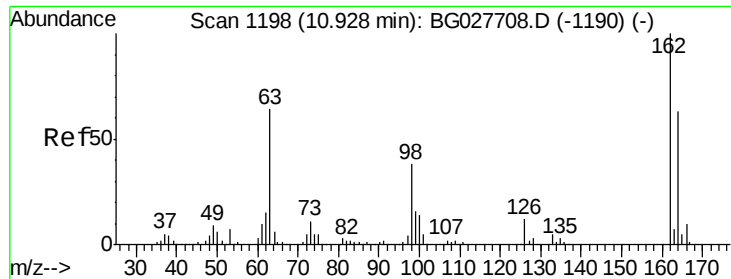
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.366 ng
RT: 10.67 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	25.7	38.5
123	12.4	8.3	12.5





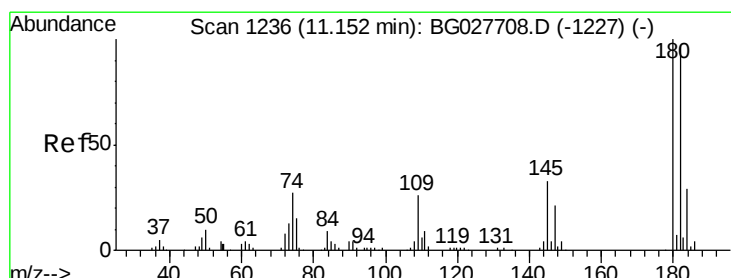
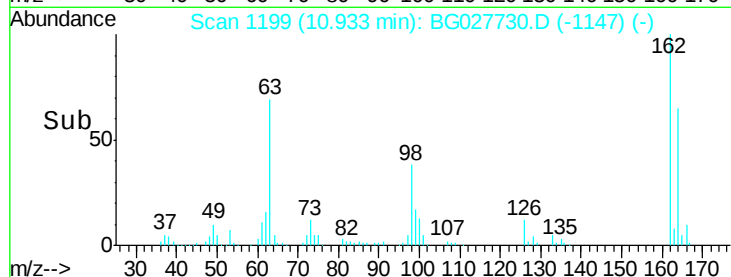
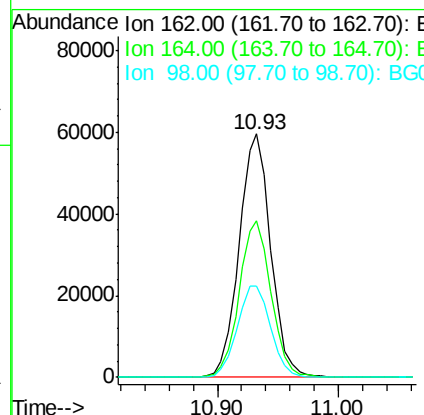
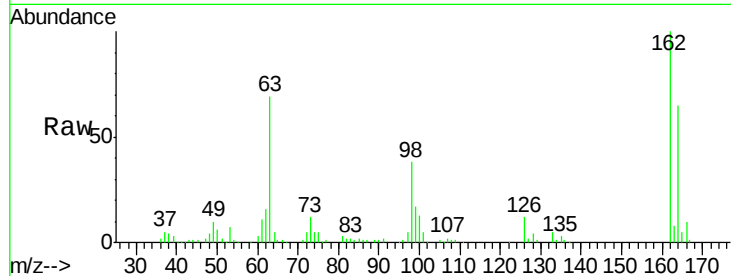
#29
 2,4-Dichlorophenol
 Concen: 47.085 ng
 RT: 10.93 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.5	42.4	82.4
98	37.6	20.3	60.3

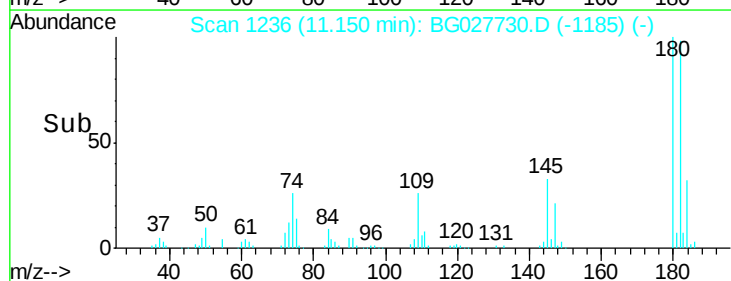
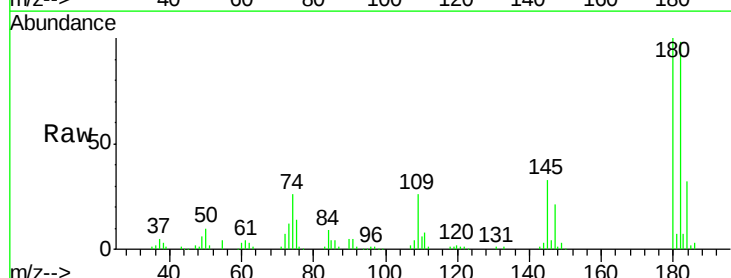
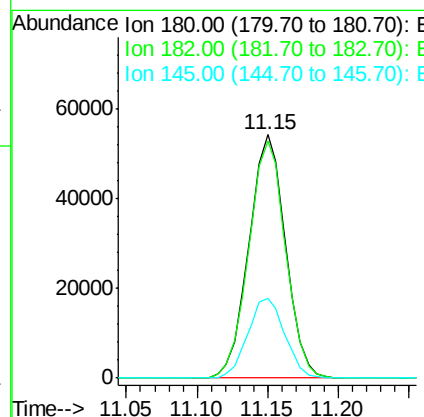
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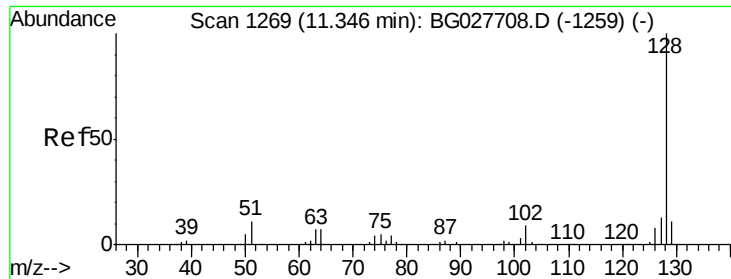
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.877 ng
 RT: 11.15 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.6	77.0	115.4
145	33.0	23.4	35.0





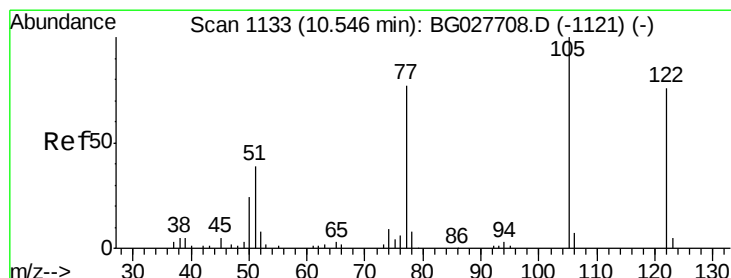
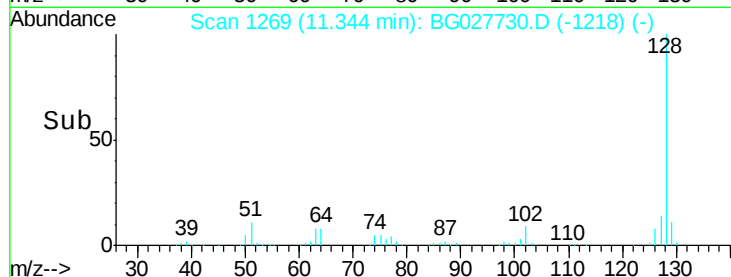
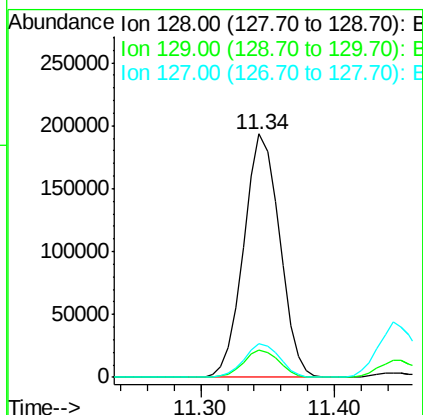
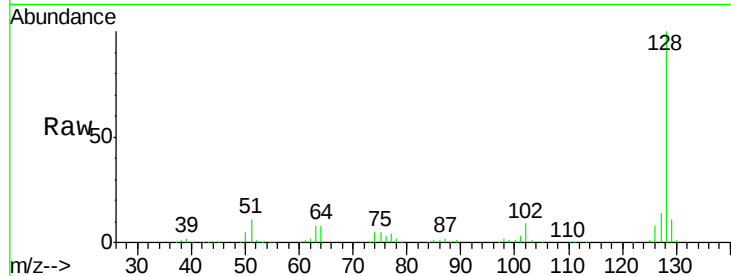
#31
Naphthalene
Concen: 40.920 ng
RT: 11.34 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	360995		
129	11.4	9.3	13.9	
127	14.0	11.4	17.0	

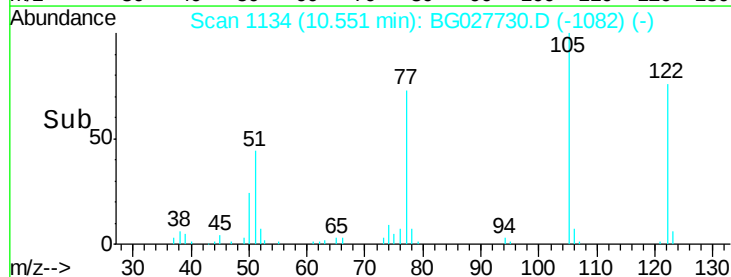
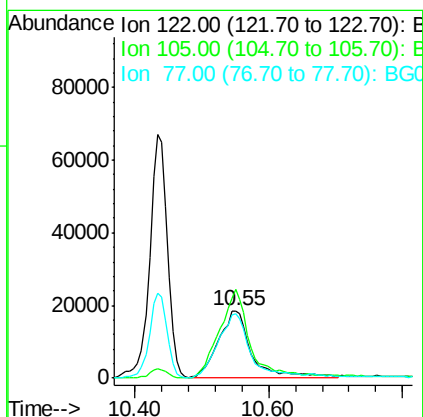
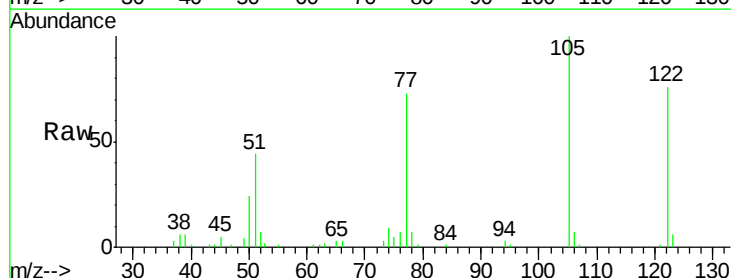
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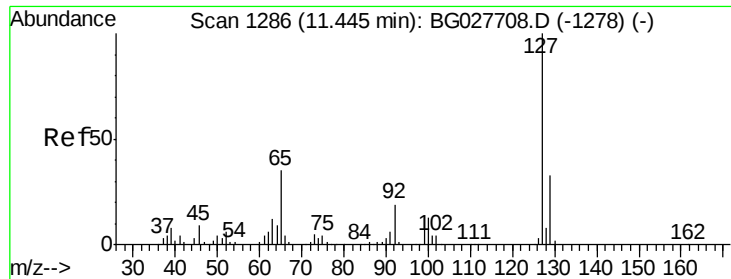
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#32
Benzoic acid
Concen: 40.282 ng
RT: 10.55 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	62000		
105	131.5	120.1	160.1	
77	96.0	104.6	144.6	





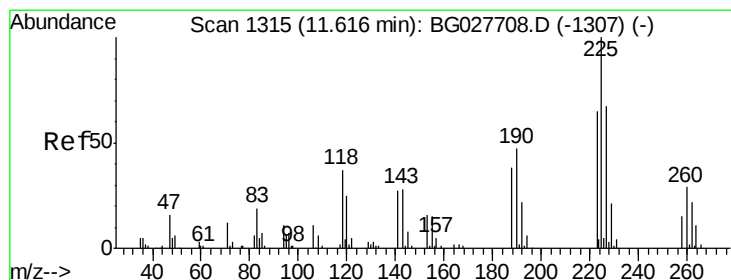
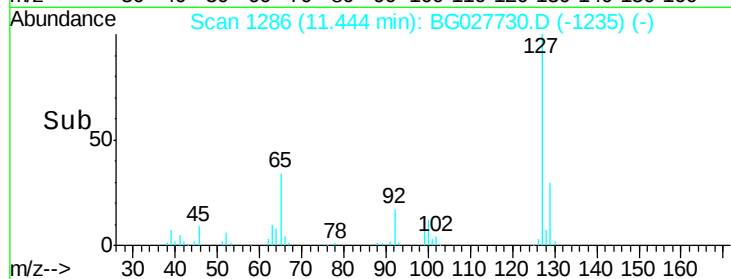
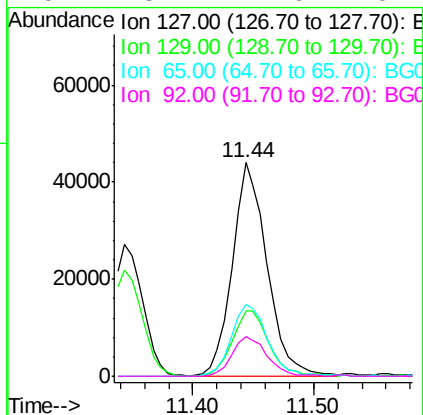
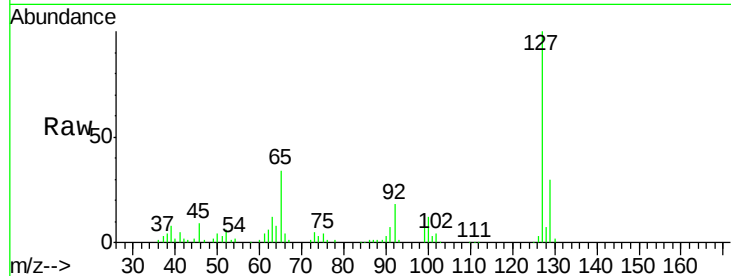
#33
4-Chloroaniline
Concen: 23.156 ng
RT: 11.44 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	88253		
129	30.4	23.6	35.4	
65	33.7	37.7	56.5	
92	18.4	17.6	26.4	

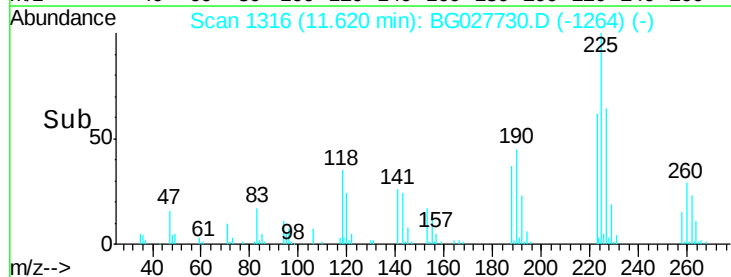
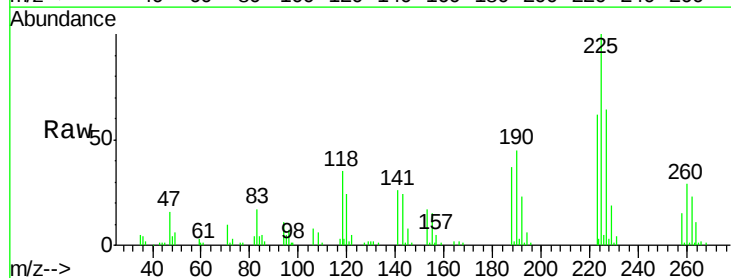
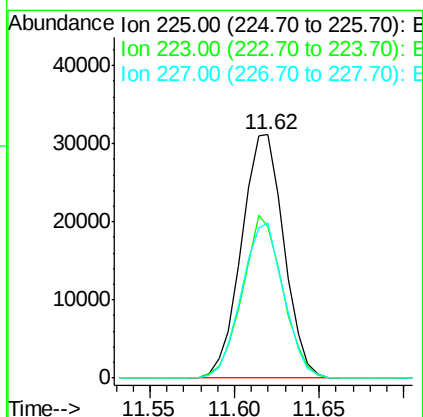
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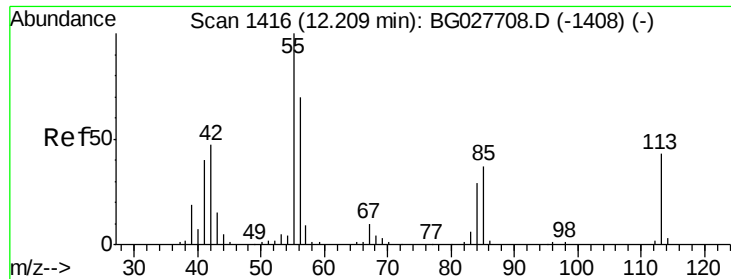
mohammad
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#34
Hexachlorobutadiene
Concen: 41.416 ng
RT: 11.62 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54294		
223	62.4	50.7	76.1	
227	63.7	49.0	73.6	





#35

Caprolactam

Concen: 37.594 ng m

RT: 12.21 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

ClientSampleId :

HD-01-062617MS

Tgt Ion:113 Resp: 43621

Ion Ratio Lower Upper

113 100

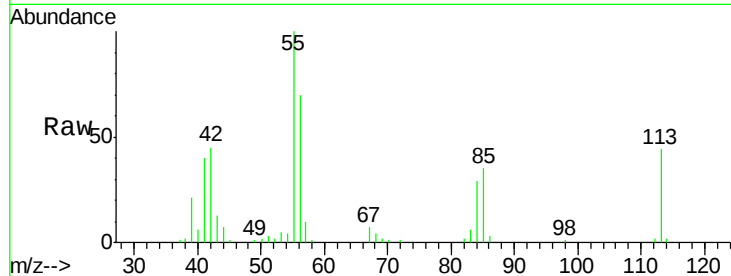
55 225.9 198.6 238.6

56 158.4 140.4 180.4

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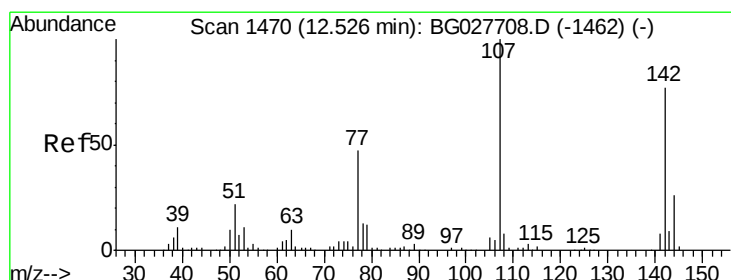
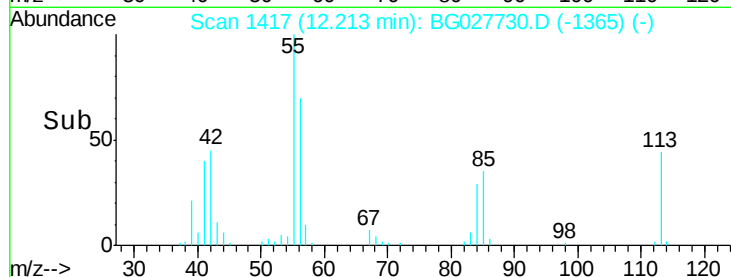
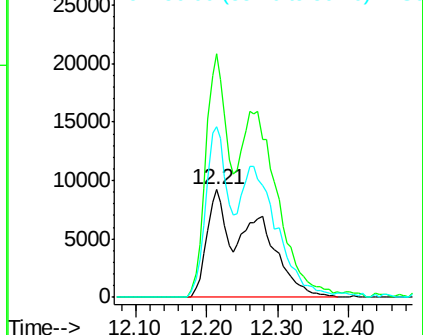
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.443 ng

RT: 12.53 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Tgt Ion:107 Resp: 147515

Ion Ratio Lower Upper

107 100

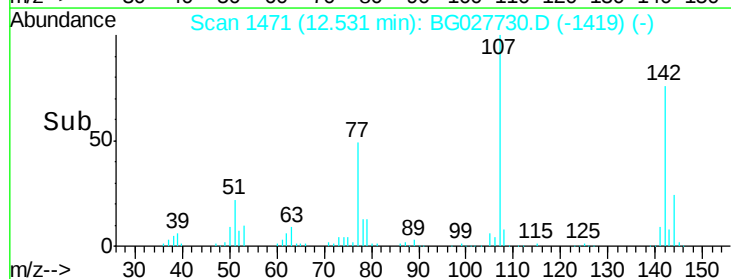
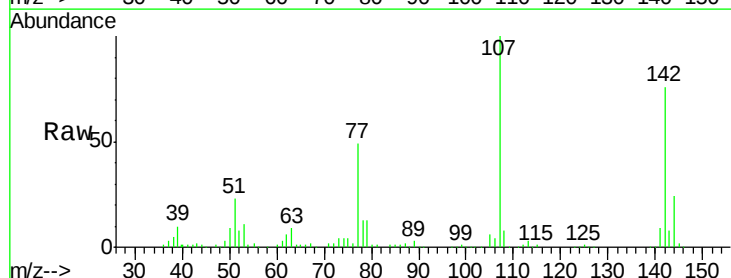
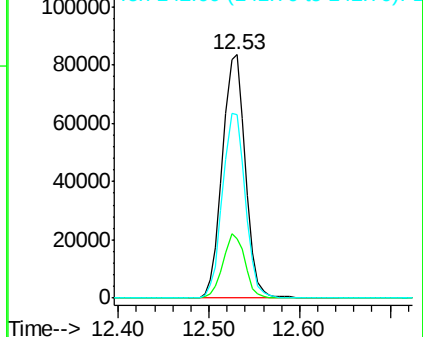
144 24.3 17.4 26.0

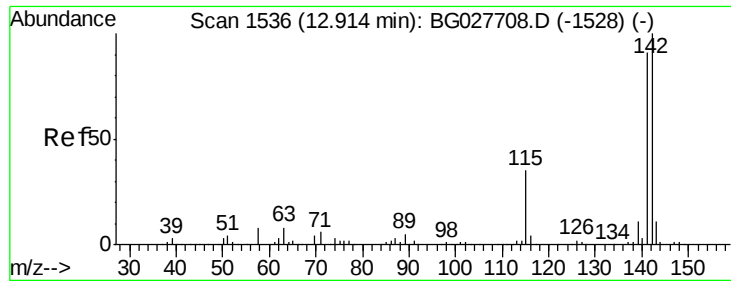
142 75.6 54.1 81.1

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.407 ng m

RT: 12.91 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

ClientSampleId :

HD-01-062617MS

Tgt Ion:142 Resp: 272080

Ion Ratio Lower Upper

142 100

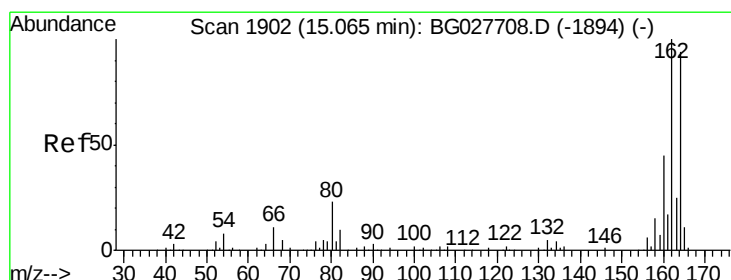
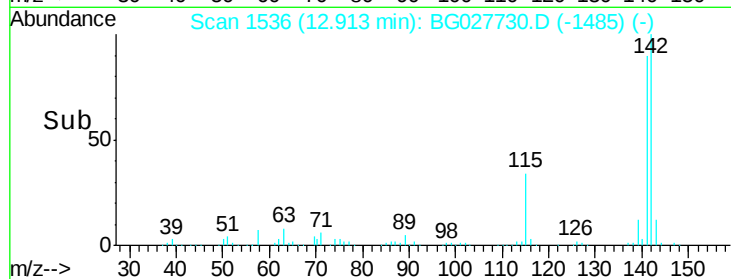
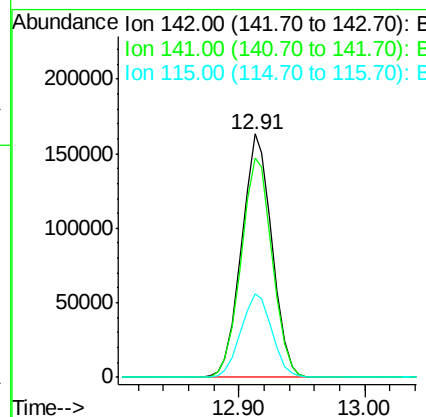
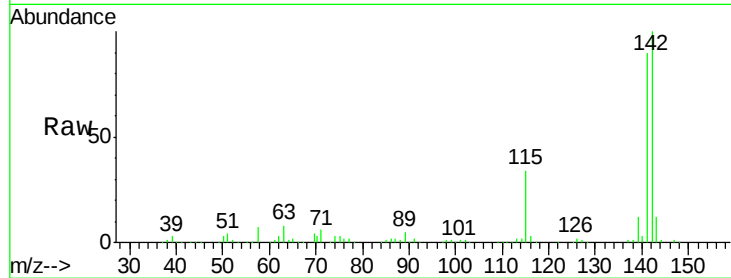
141 90.0 70.4 105.6

115 34.3 35.5 53.3#

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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: BG027730.D

Acq: 29 Jun 2017 7:20

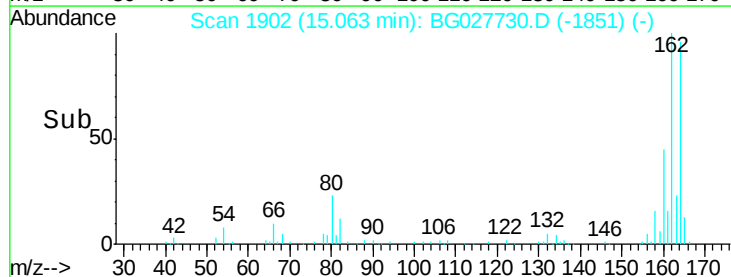
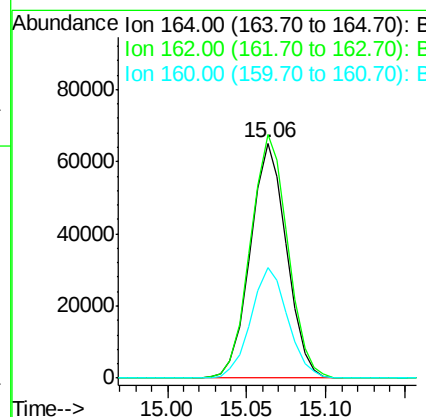
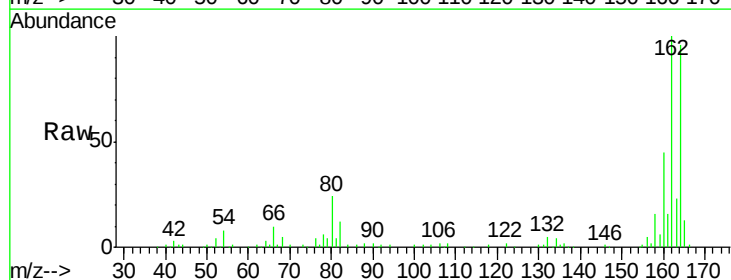
Tgt Ion:164 Resp: 103263

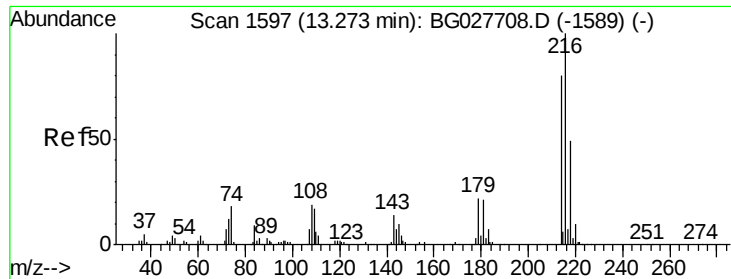
Ion Ratio Lower Upper

164 100

162 103.6 85.1 127.7

160 46.9 34.7 52.1





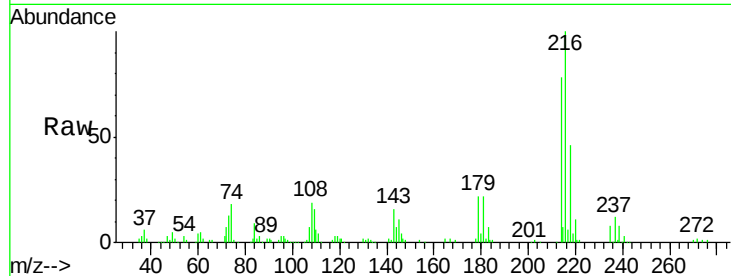
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.975 ng
 RT: 13.27 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

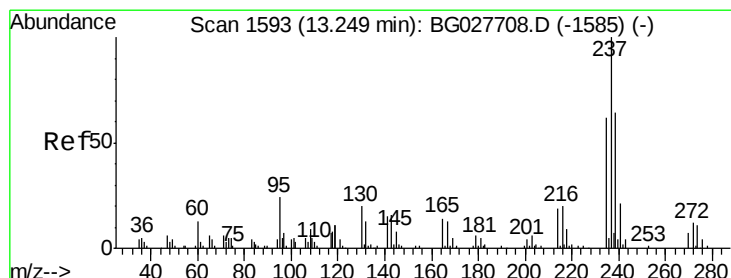
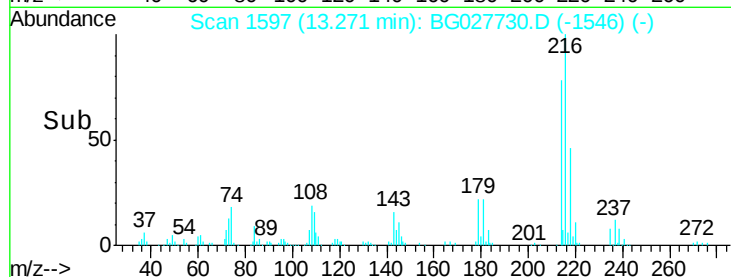
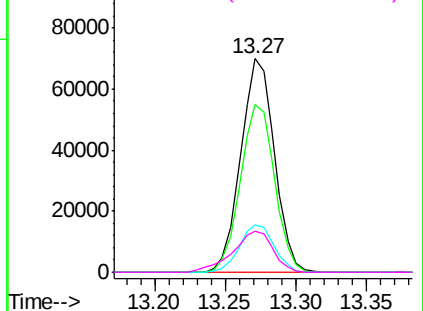
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	116613		
214	79.5	64.4	96.6	
179	22.8	17.4	26.0	
108	22.8	15.6	23.4	

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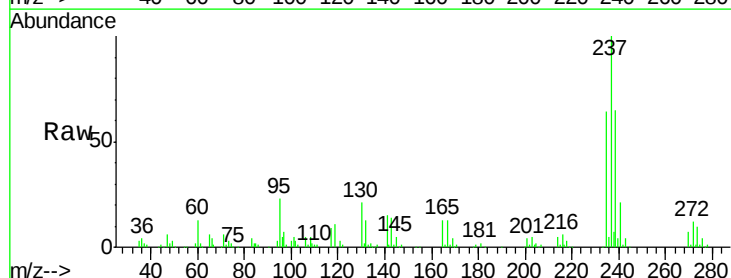


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

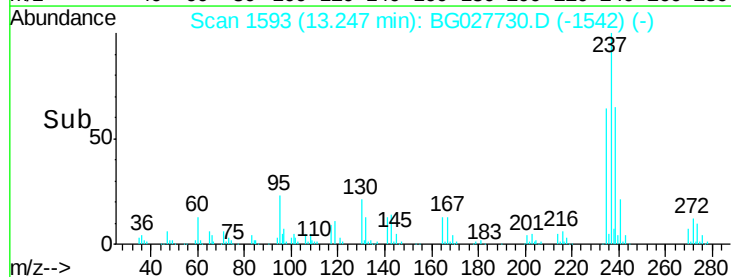
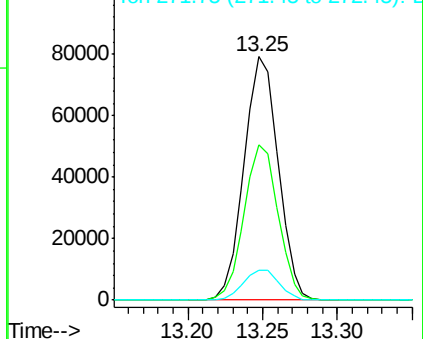


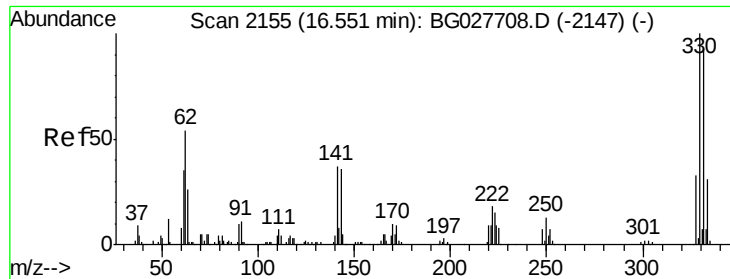
#40
 Hexachlorocyclopentadiene
 Concen: 98.044 ng
 RT: 13.25 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	125437		
235	64.0	39.4	79.4	
272	12.1	0.0	32.0	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 150.630 ng

RT: 16.55 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

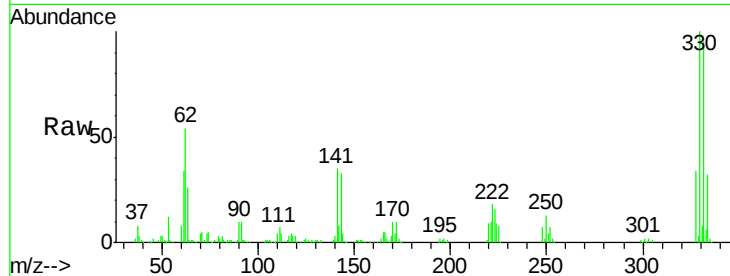
ClientSampleId :

HD-01-062617MS

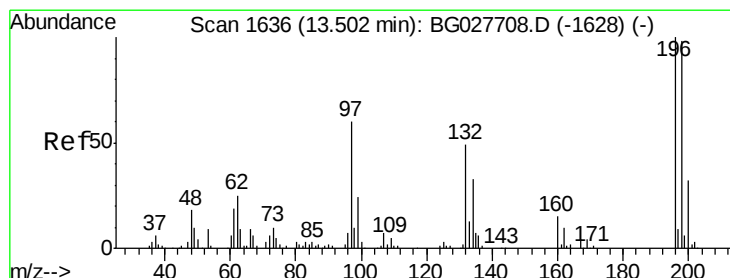
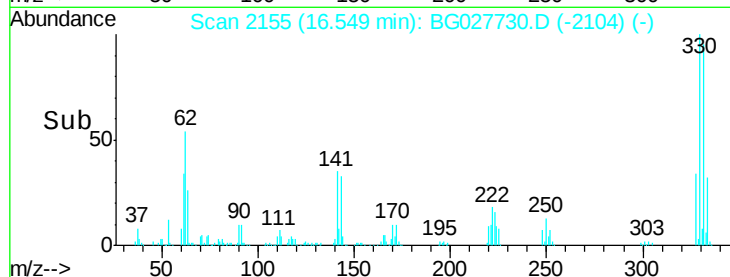
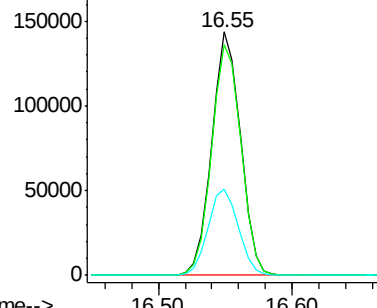
Tgt Ion:	330	Resp:	213347
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.3	115.9
141	37.8	32.1	48.1

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 46.216 ng

RT: 13.51 min Scan# 1637

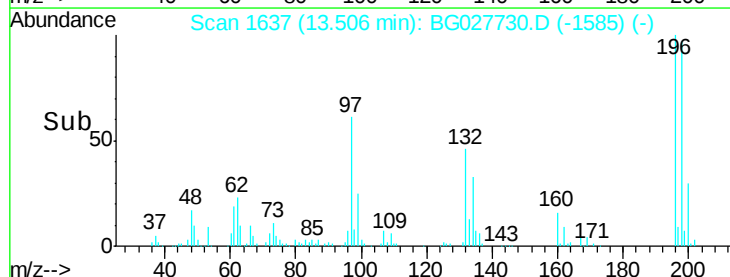
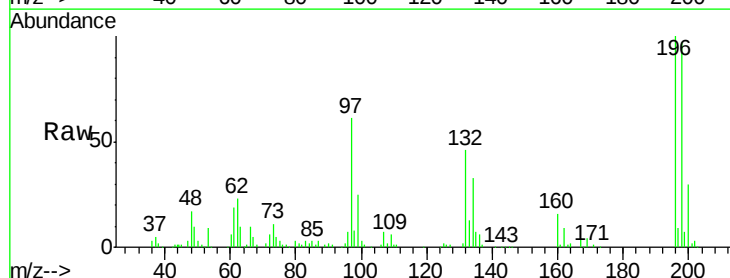
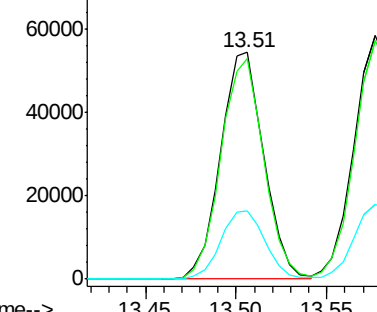
Delta R.T. 0.00 min

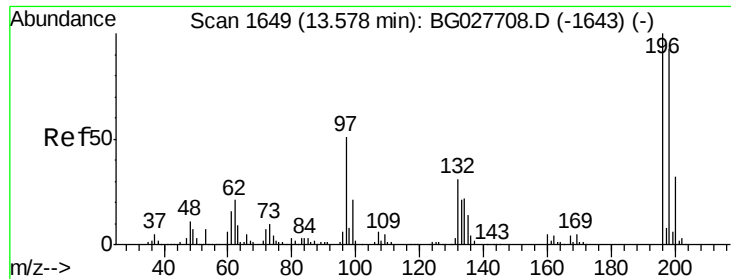
Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Tgt Ion:	196	Resp:	90576
Ion Ratio	Lower	Upper	
196	100		
198	97.4	81.4	122.2
200	30.4	27.0	40.6

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





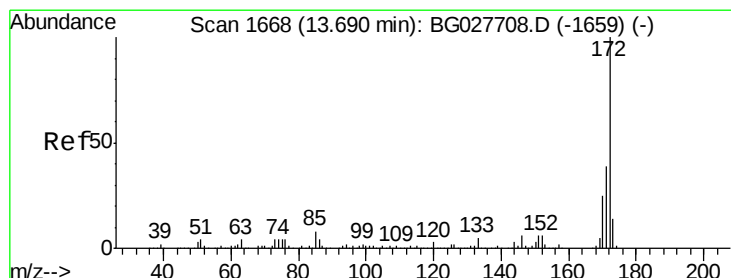
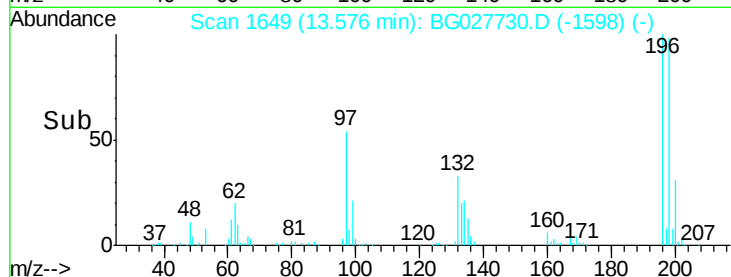
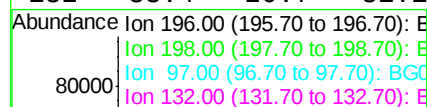
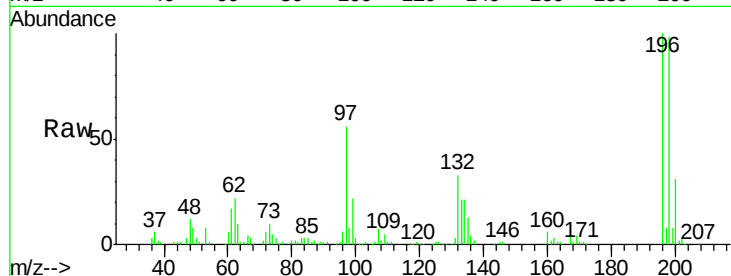
#43
 2,4,5-Trichlorophenol
 Concen: 45.348 ng
 RT: 13.58 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	100704		
198	98.0	79.9	119.9	
97	55.8	45.4	68.0	
132	33.4	20.7	31.1	#

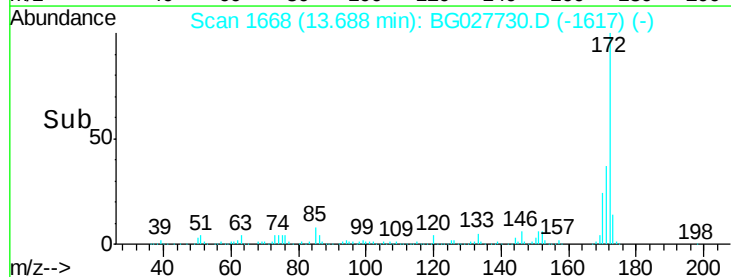
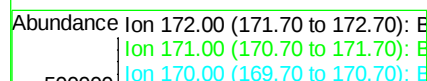
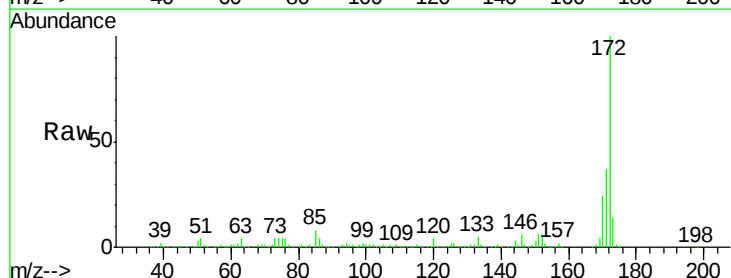
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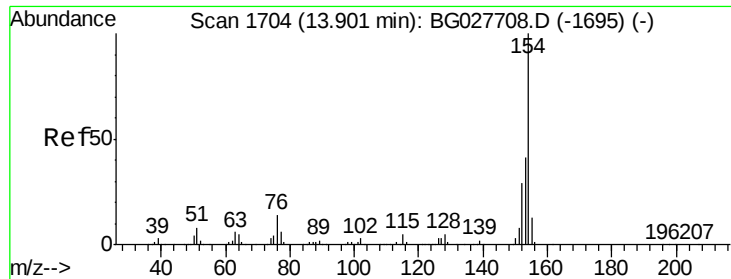
mohammad
 6/29/2017 4:49:04 PM



#44
 2-Fluorobiphenyl
 Concen: 89.165 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	644704		
171	37.3	32.2	48.2	
170	24.4	21.8	32.6	





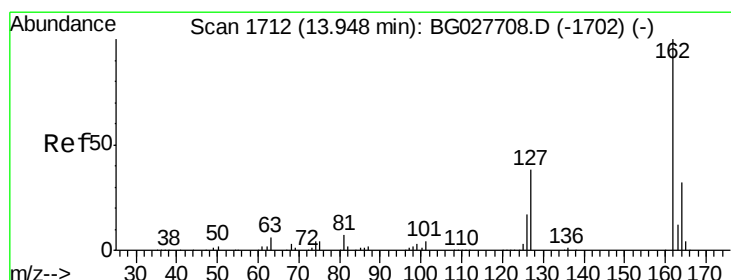
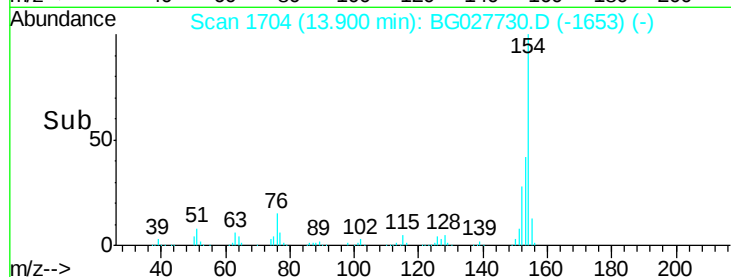
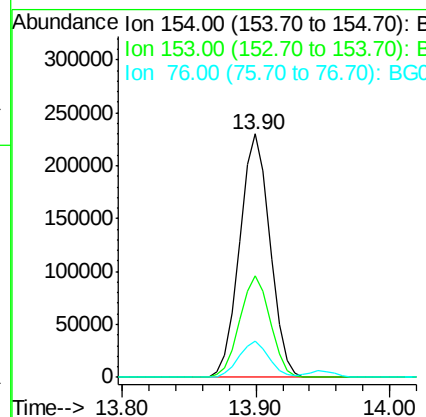
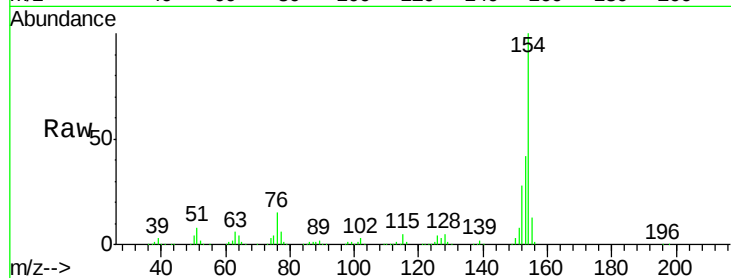
#45
 1,1'-Biphenyl
 Concen: 43.737 ng
 RT: 13.90 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	23.0	63.0
76	14.8	0.0	33.5

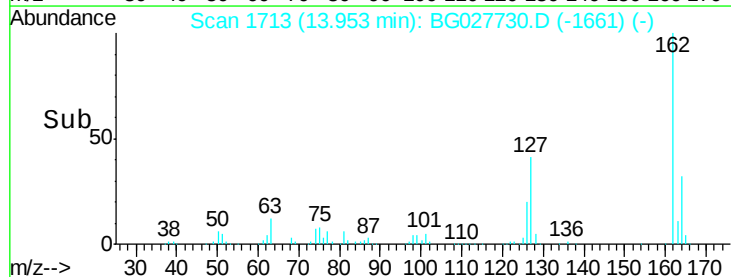
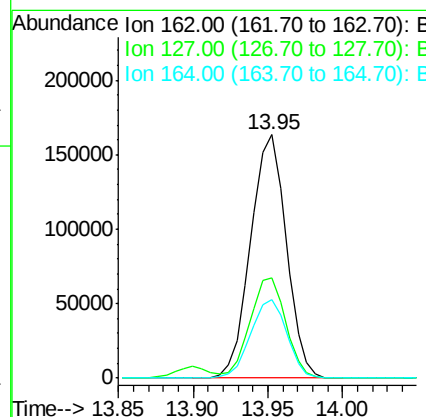
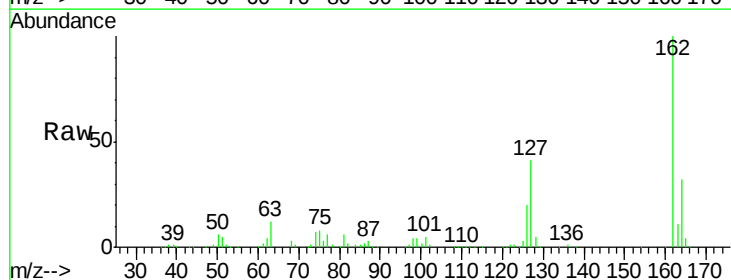
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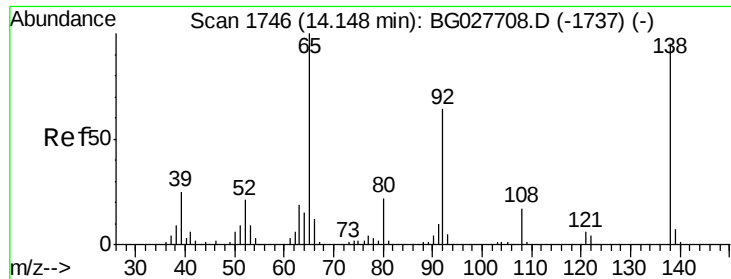
mohammad
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#46
 2-Chloronaphthalene
 Concen: 43.139 ng
 RT: 13.95 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.2	48.4
164	32.5	27.3	40.9





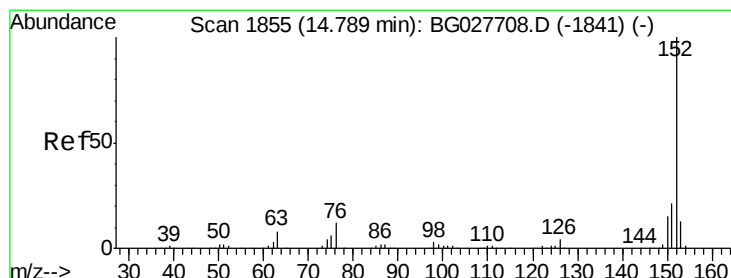
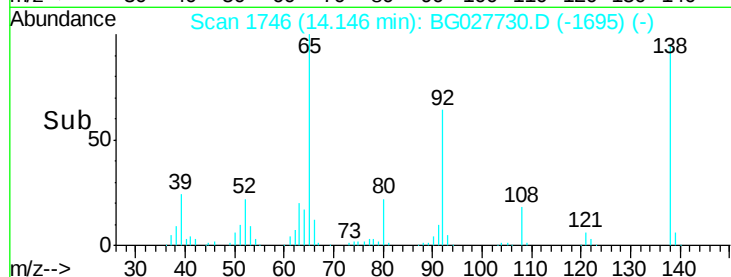
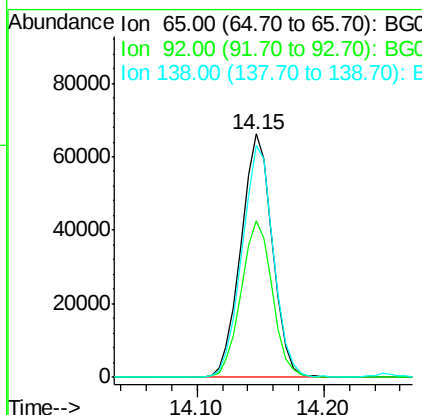
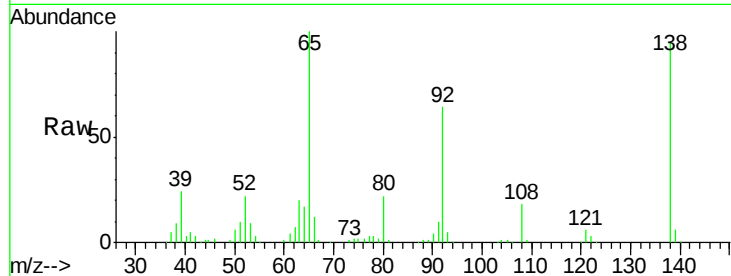
#47
2-Nitroaniline
Concen: 45.540 ng
RT: 14.15 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	49.0	73.4
138	95.3	58.6	87.8

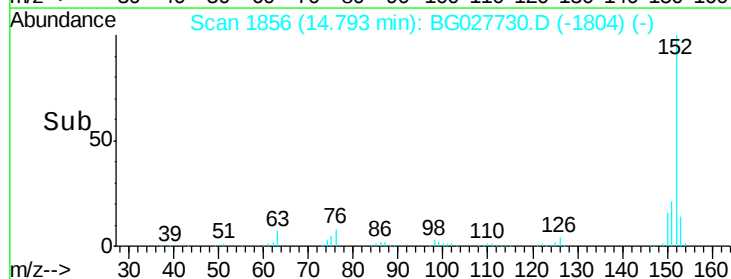
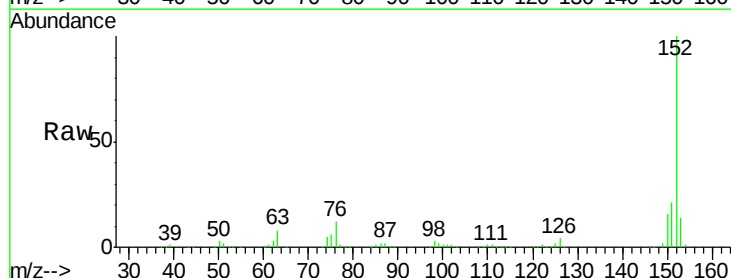
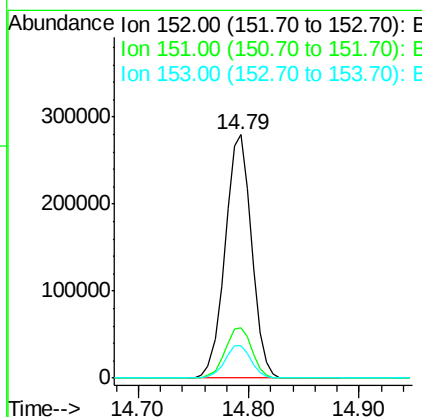
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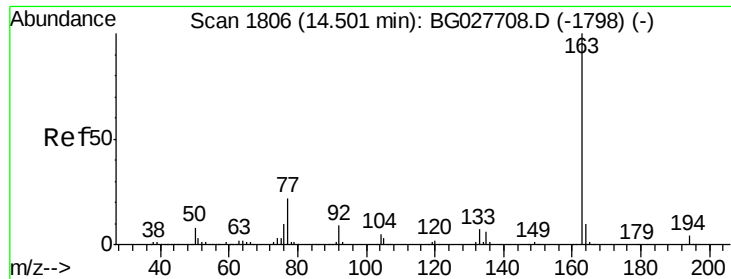
mohammad
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#48
Acenaphthylene
Concen: 41.059 ng
RT: 14.79 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	18.2	27.2
153	13.5	11.3	16.9





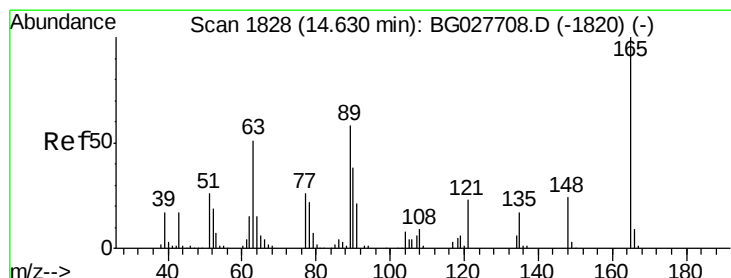
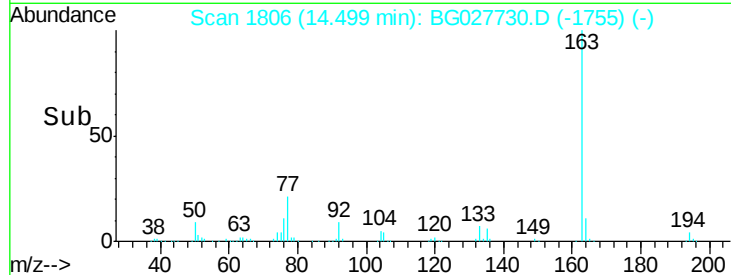
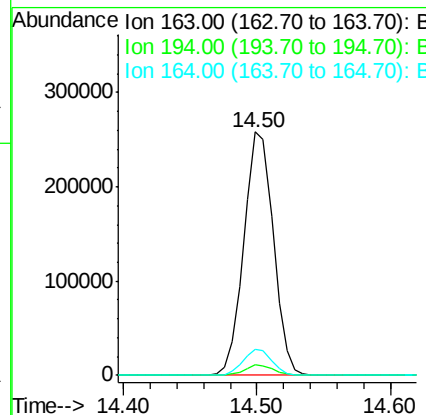
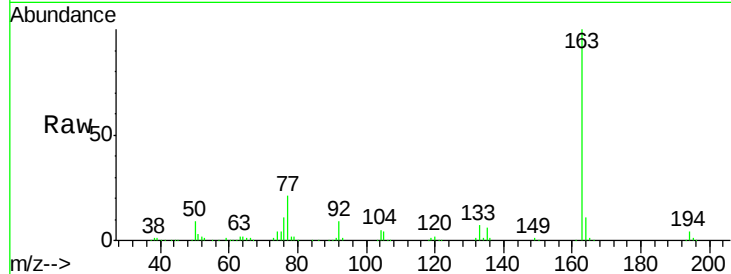
#49
Dimethylphthalate
Concen: 44.740 ng
RT: 14.50 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.8	5.6
164	10.6	9.3	13.9

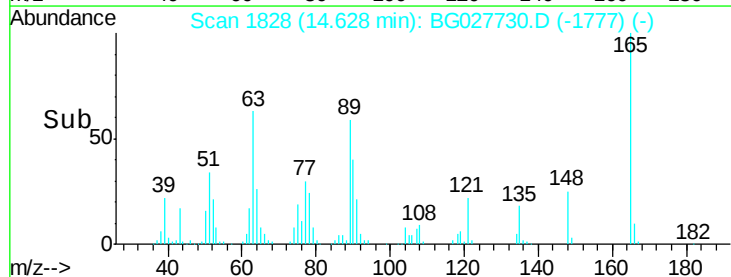
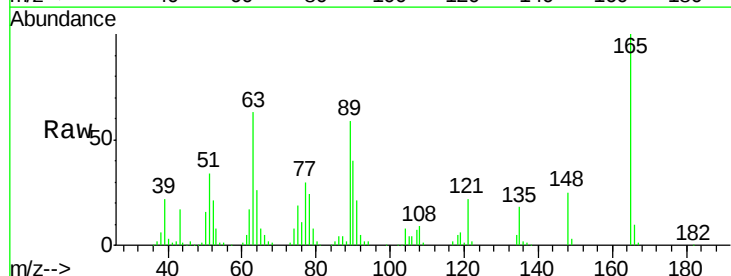
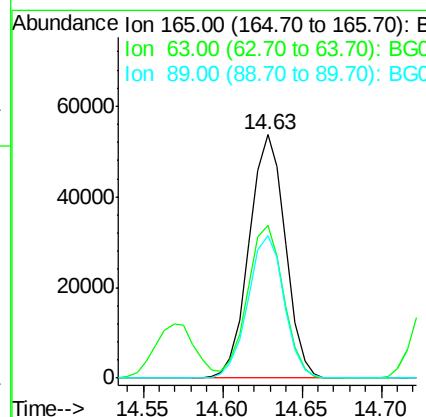
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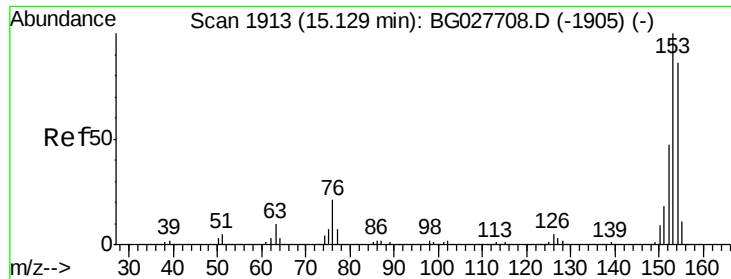
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.398 ng
RT: 14.63 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	62.8	63.9	95.9#
89	58.7	58.6	88.0





#51

Acenaphthene

Concen: 40.436 ng

RT: 15.13 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG027730.D

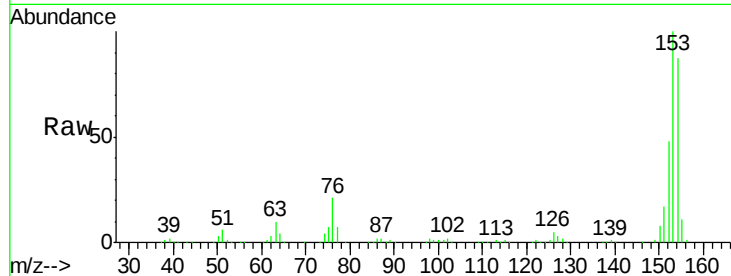
Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

ClientSampleId :

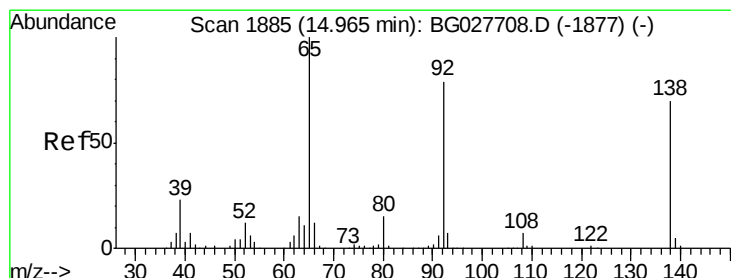
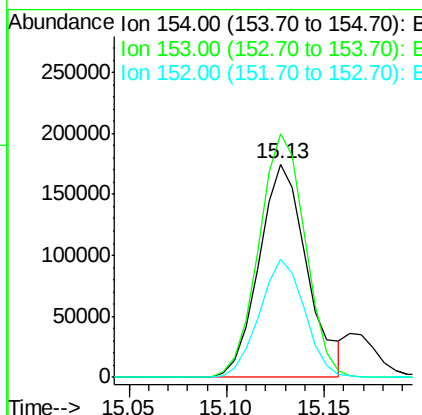
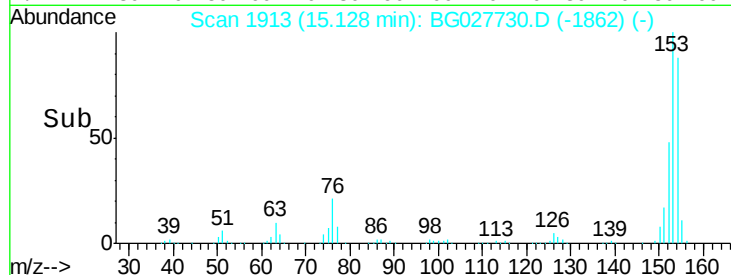
HD-01-062617MS



Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	87.8	131.6
152	55.3	42.2	63.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 36.406 ng

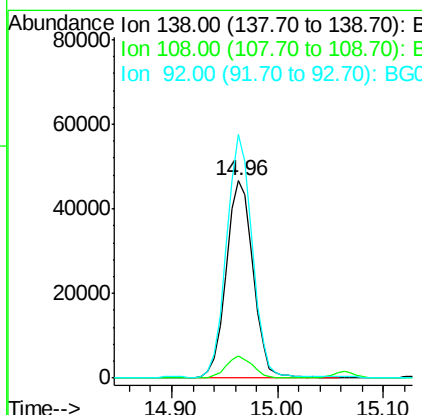
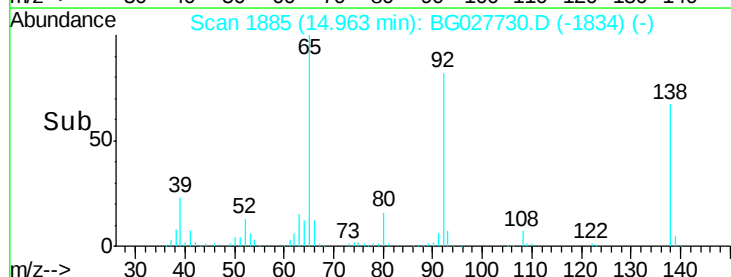
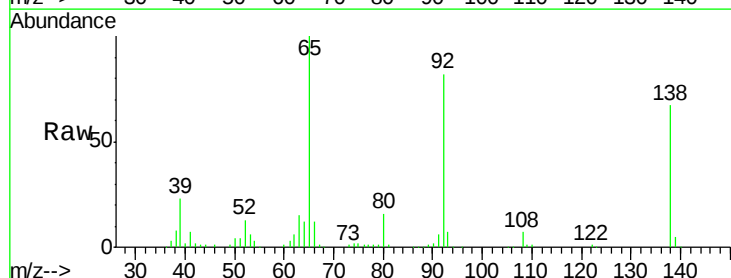
RT: 14.96 min Scan# 1885

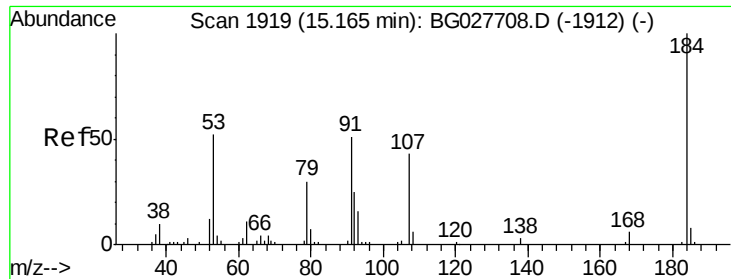
Delta R.T. -0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	10.9	16.3
92	123.5	115.3	172.9





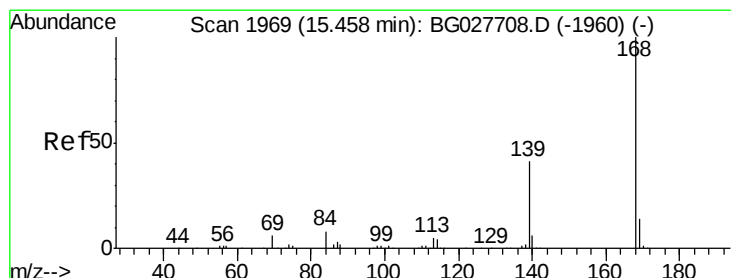
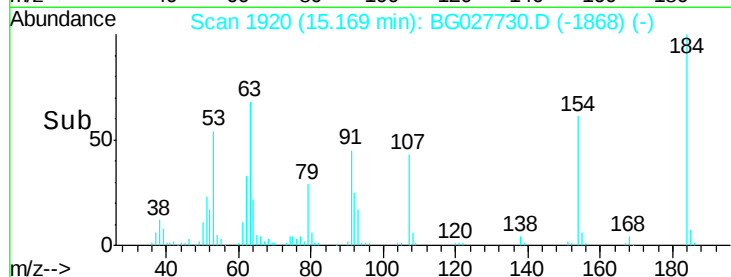
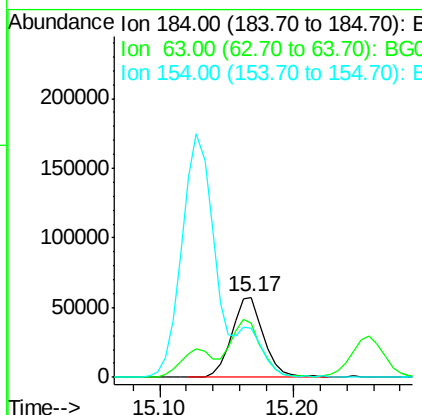
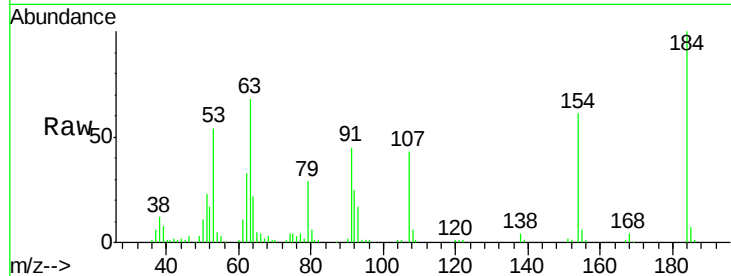
#53
 2,4-Dinitrophenol
 Concen: 89.451 ng
 RT: 15.17 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	95199		
63	67.5	52.7	79.1	
154	60.8	57.3	85.9	

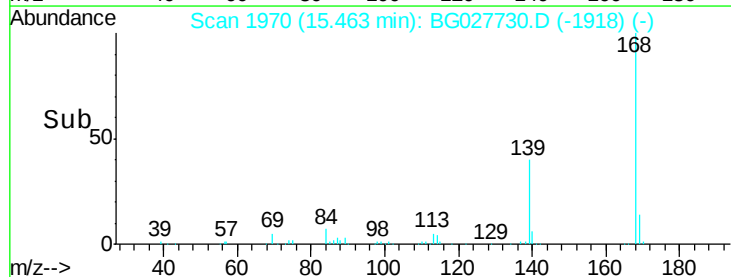
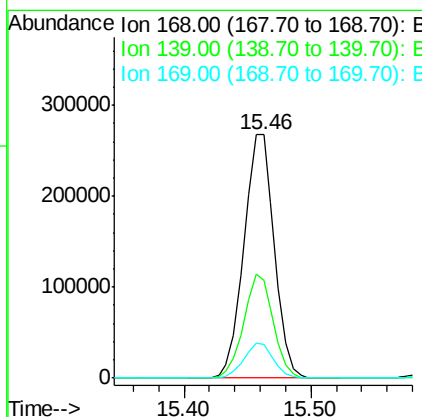
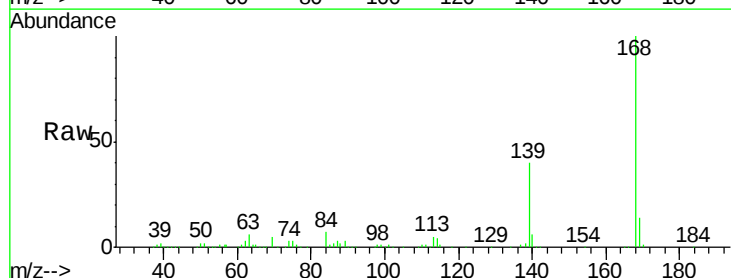
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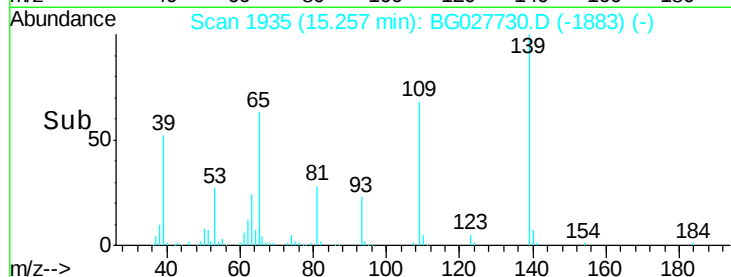
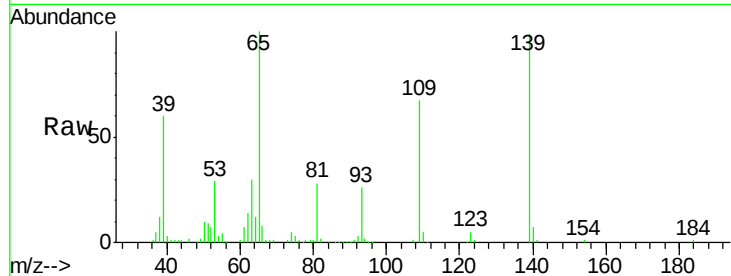
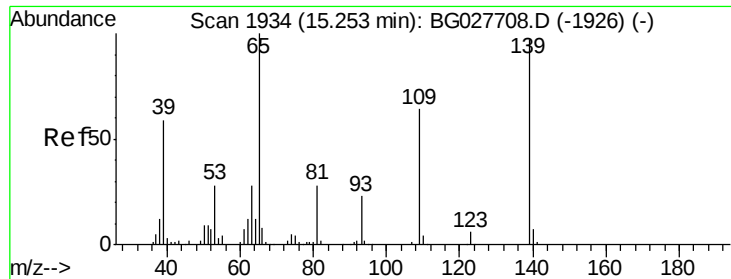
mohammad
 6/29/2017 4:49:04 PM



#54
 Dibenzofuran
 Concen: 45.905 ng
 RT: 15.46 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	444481		
139	40.1	35.3	52.9	
169	13.8	11.5	17.3	





#55

4-Nitrophenol

Concen: 95.939 ng

RT: 15.26 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

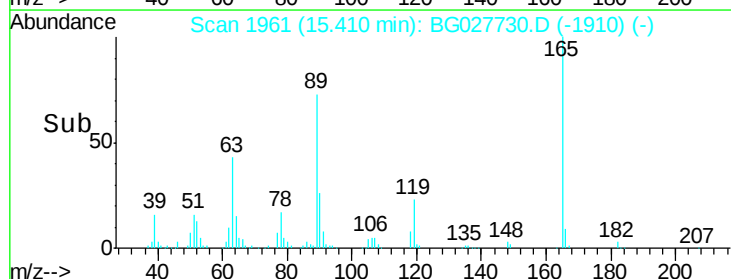
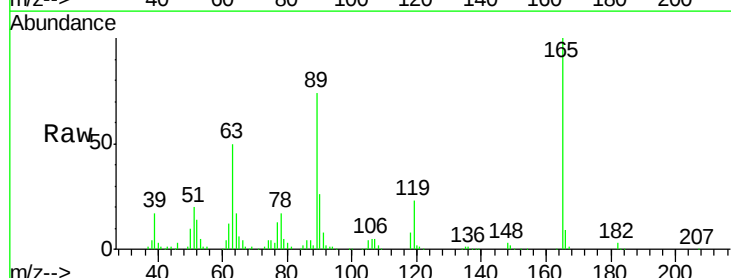
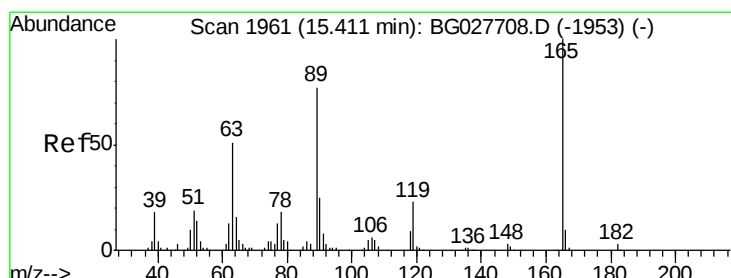
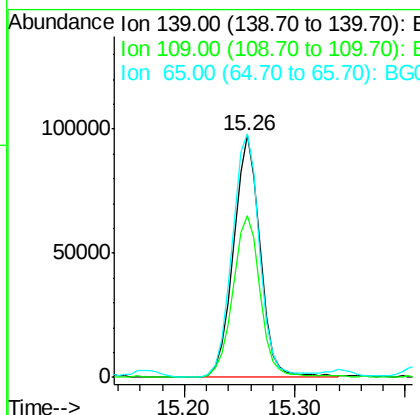
ClientSampleId :

HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.1	101.2	141.2#	
65	100.7	135.3	175.3#	

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#56

2,4-Dinitrotoluene

Concen: 47.363 ng

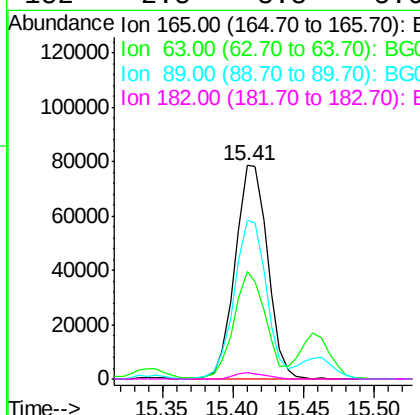
RT: 15.41 min Scan# 1961

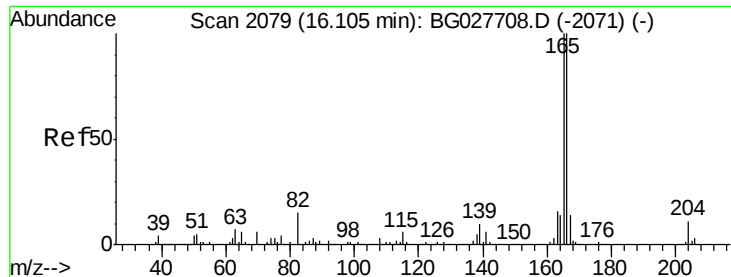
Delta R.T. -0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.5	44.0	66.0	
89	74.0	67.3	100.9	
182	2.8	3.8	5.6#	





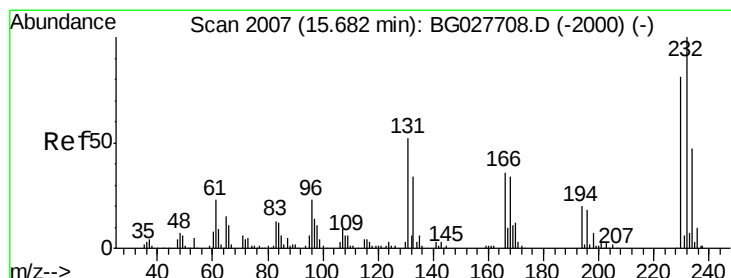
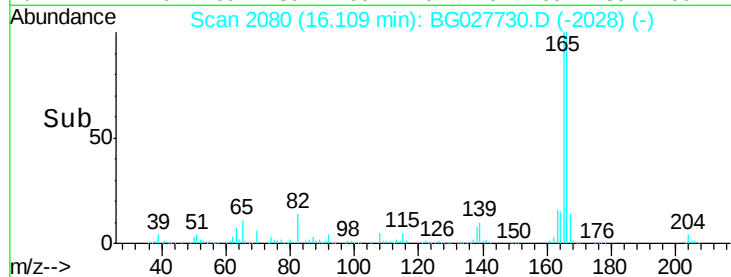
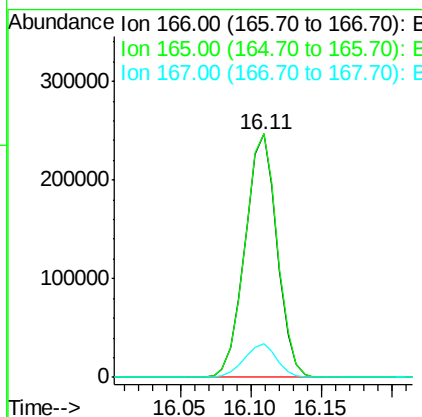
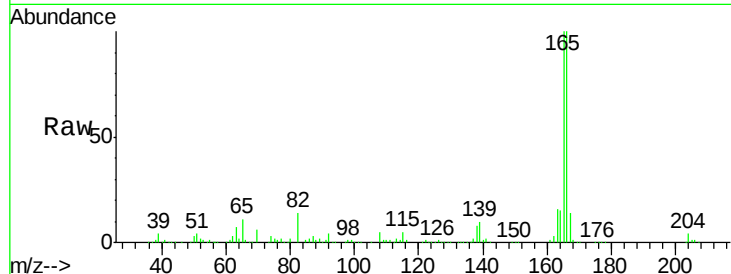
#57
 Fluorene
 Concen: 41.655 ng
 RT: 16.11 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	391064		
165	100.1	78.6	117.8	
167	13.6	11.6	17.4	

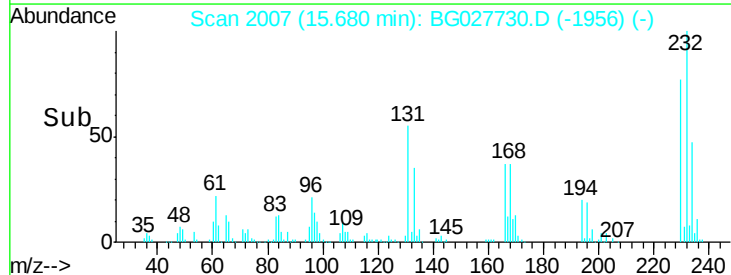
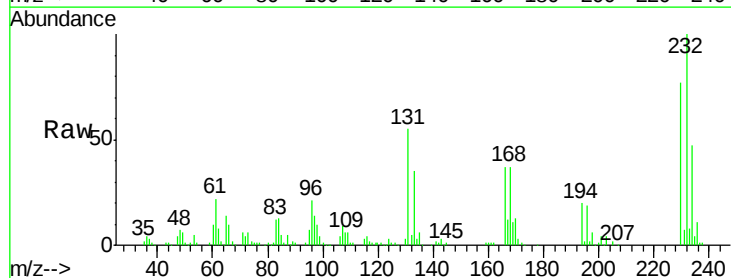
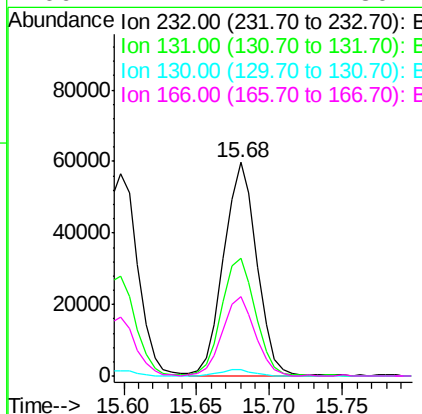
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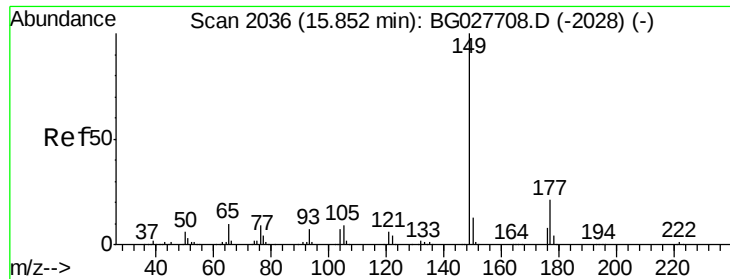
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.417 ng m
 RT: 15.68 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	94598		
131	46.9	34.9	52.3	
130	2.8	2.3	3.5	
166	27.4	24.2	36.4	





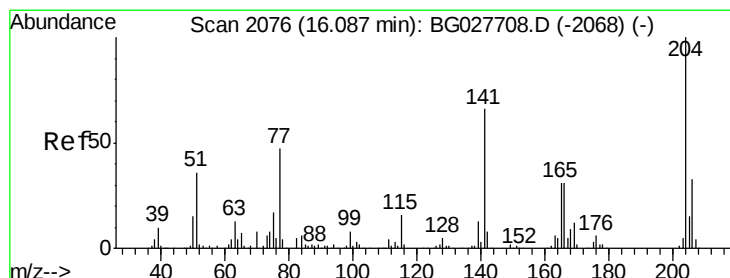
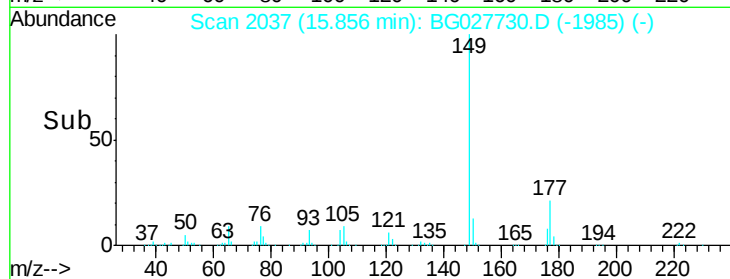
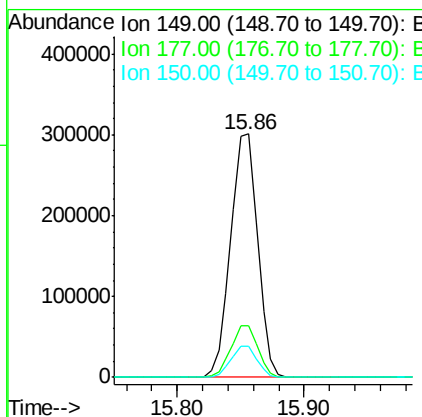
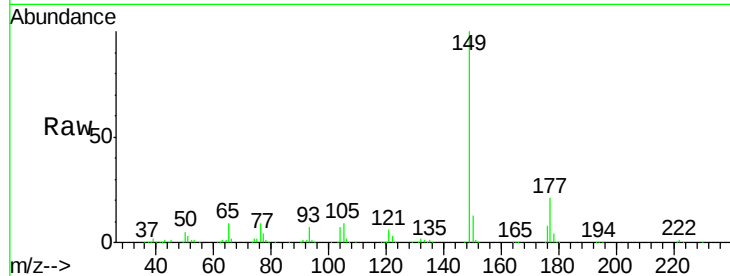
#59
Diethylphthalate
Concen: 45.437 ng
RT: 15.86 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	443202		
177	21.2	20.1	30.1	
150	12.6	10.2	15.2	

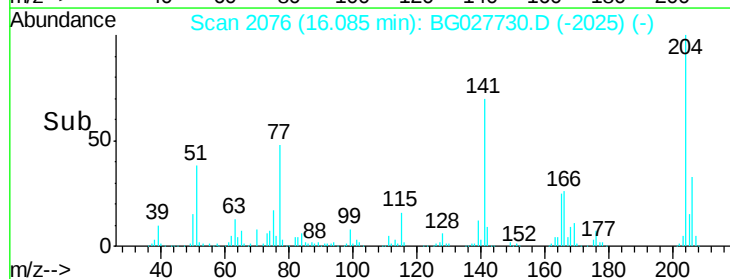
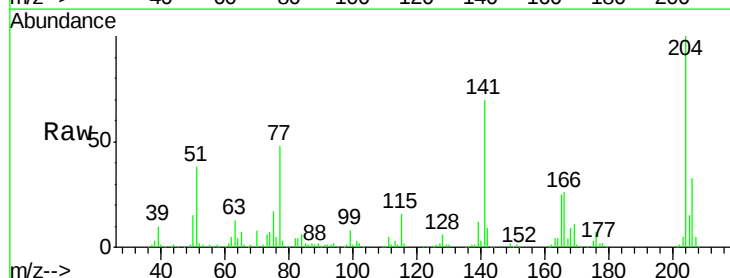
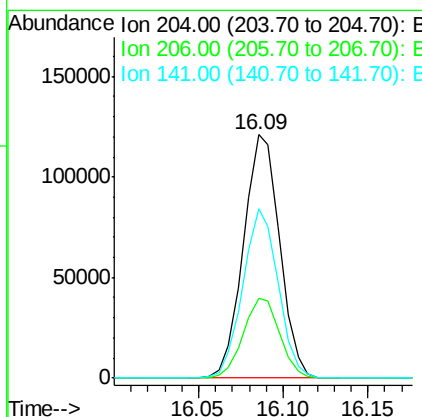
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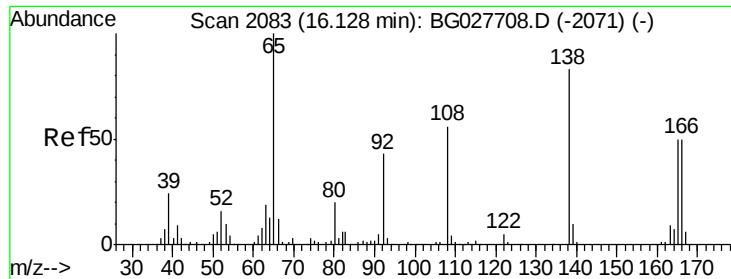
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#60
4-Chlorophenyl-phenylether
Concen: 43.516 ng
RT: 16.09 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	180851		
206	32.9	30.1	45.1	
141	69.6	50.6	76.0	





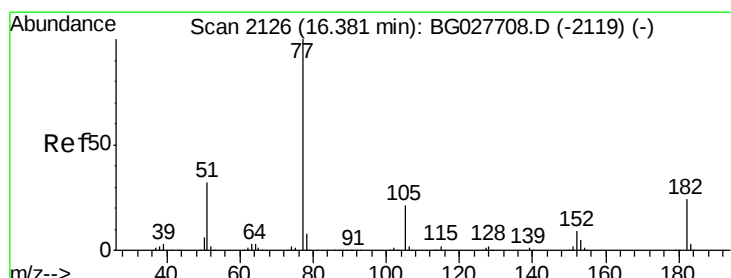
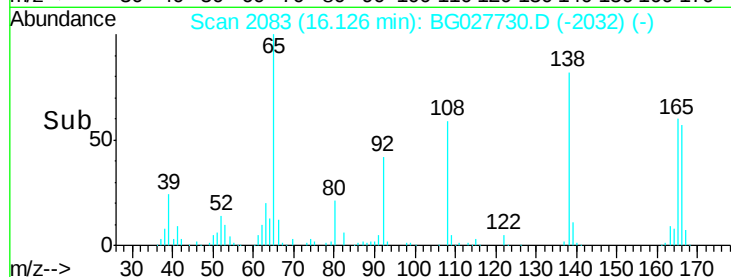
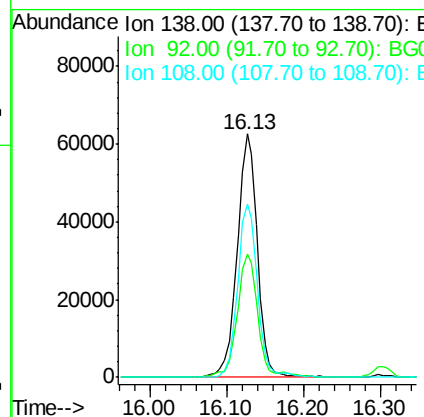
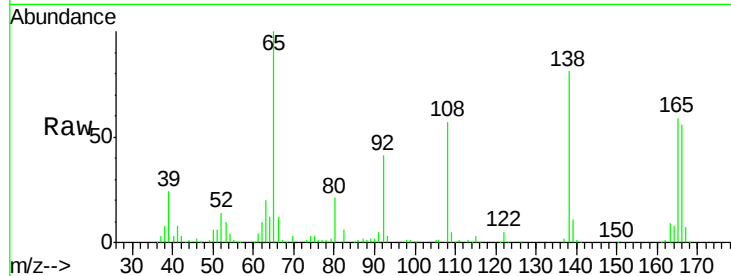
#61
4-Nitroaniline
Concen: 49.099 ng
RT: 16.13 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	115235		
92	50.6	44.2	84.2	
108	71.1	104.8	144.8	

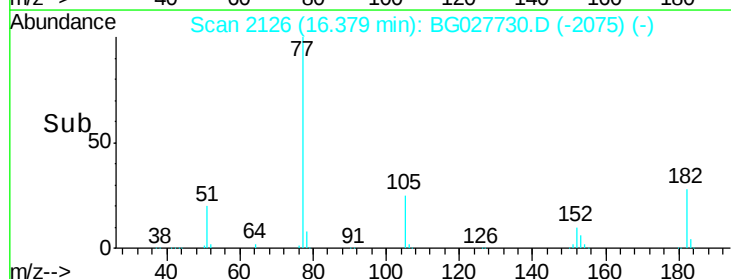
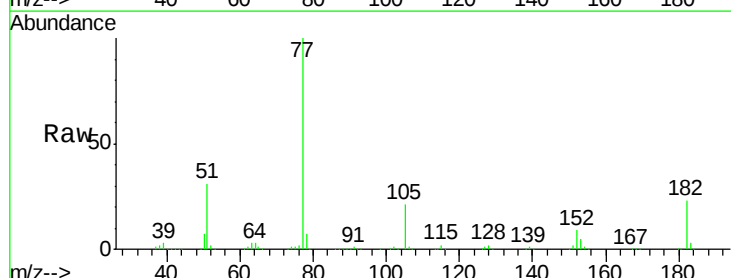
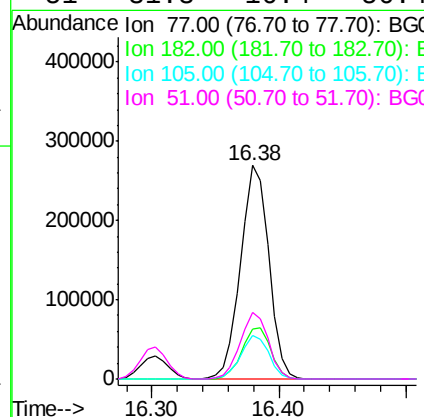
Manual Integrations
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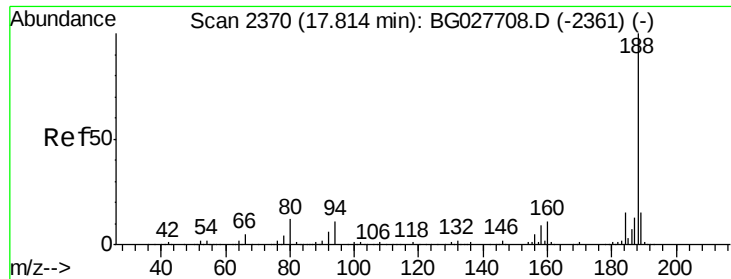
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#62
Azobenzene
Concen: 48.311 ng
RT: 16.38 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	414082		
182	23.5	4.7	44.7	
105	20.7	0.0	36.3	
51	31.3	16.4	56.4	





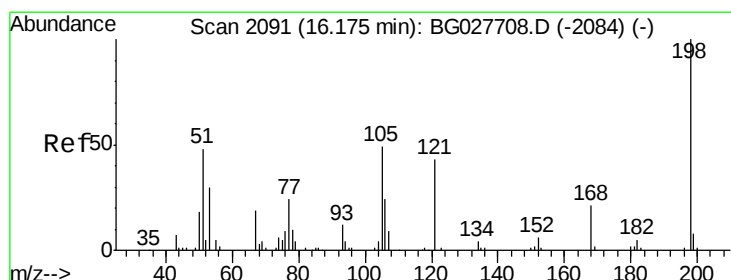
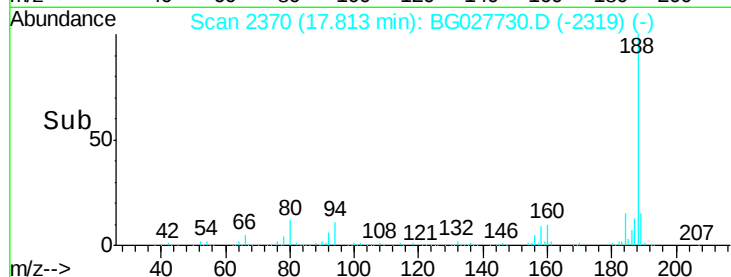
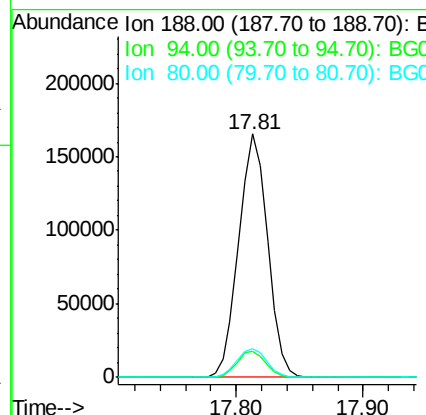
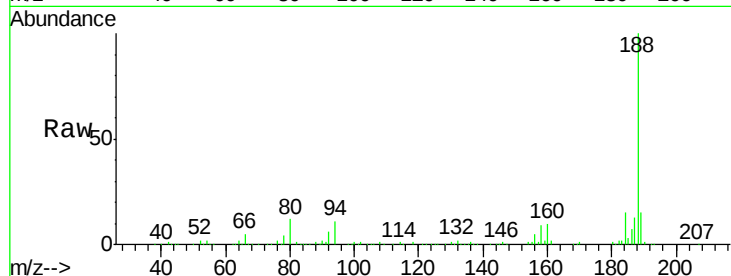
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	261638		
94	10.9		5.8	8.8#
80	12.0		7.5	11.3#

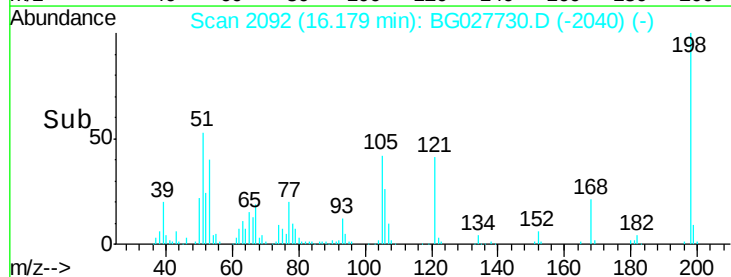
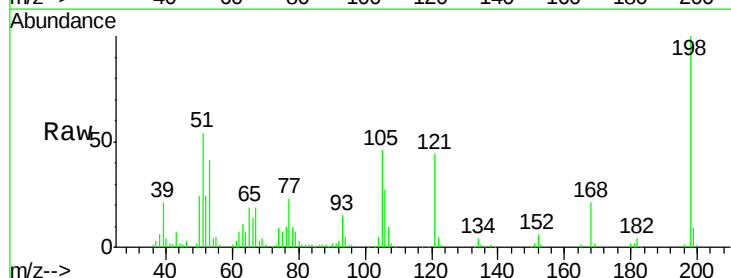
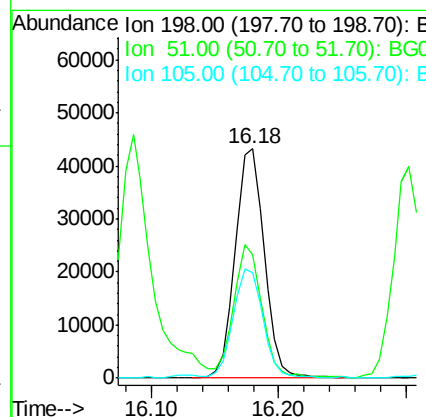
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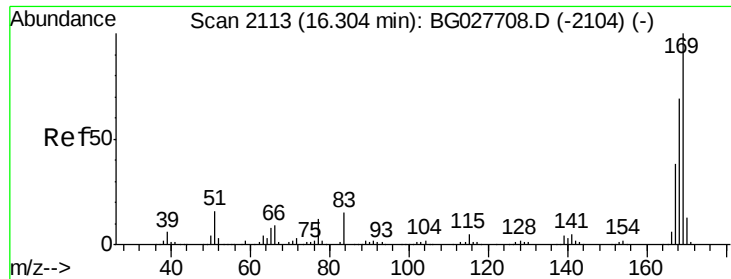
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.758 ng
RT: 16.18 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	68579		
51	53.7		22.6	62.6
105	46.2		14.4	54.4





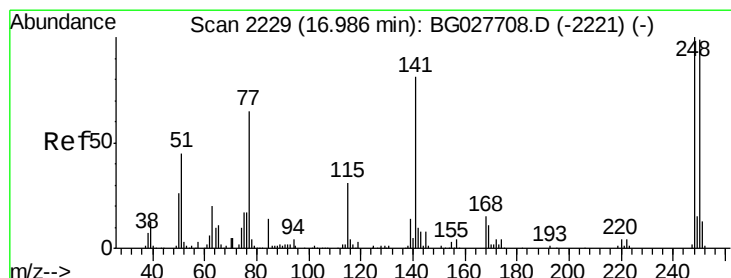
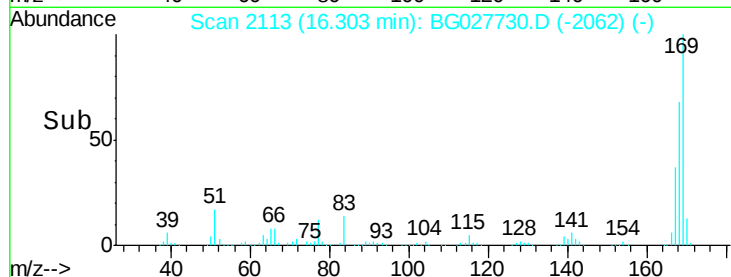
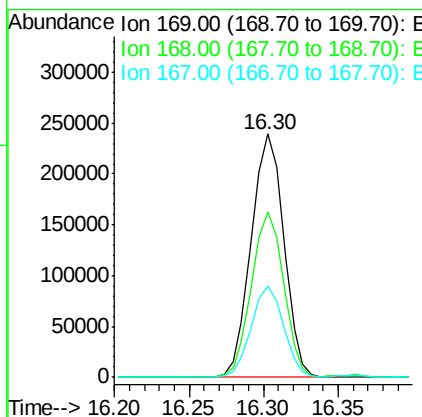
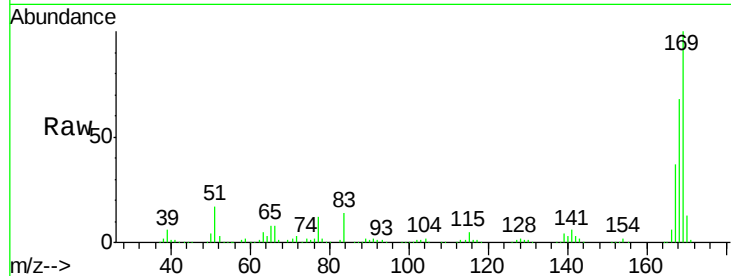
#65
 n-Nitrosodiphenylamine
 Concen: 42.540 ng
 RT: 16.30 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	362059		
168	68.1		55.7	83.5
167	37.3		29.8	44.6

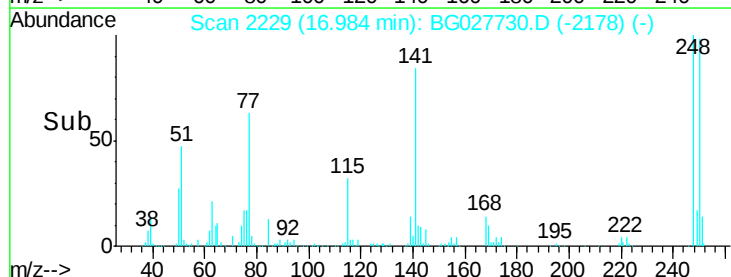
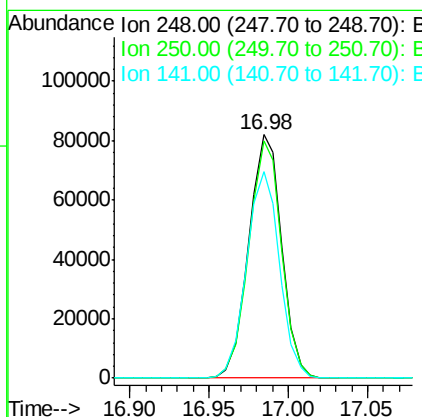
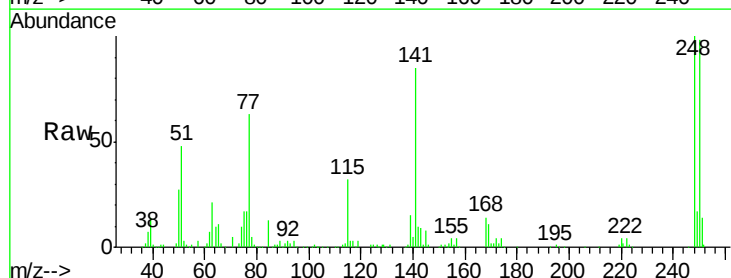
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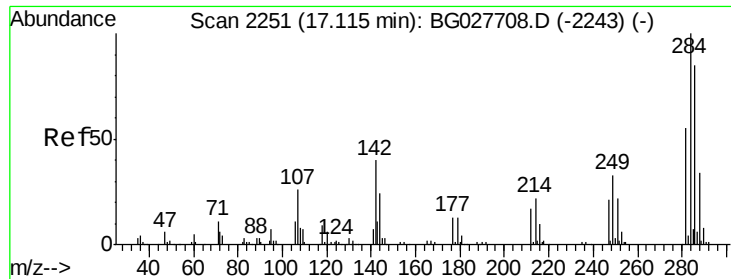
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#66
 4-Bromophenyl-phenylether
 Concen: 43.360 ng
 RT: 16.98 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	118654		
250	97.7		75.0	112.6
141	84.7		55.2	82.8#





#67

Hexachlorobenzene

Concen: 42.220 ng

RT: 17.11 min Scan# 2251

Delta R.T. -0.00 min

Lab File: BG027730.D

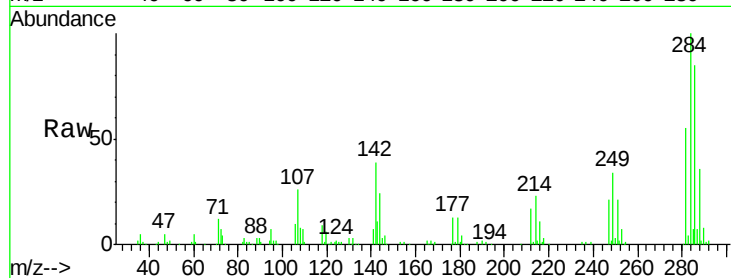
Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

ClientSampleId :

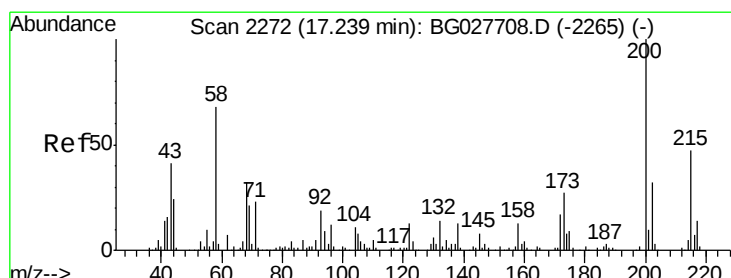
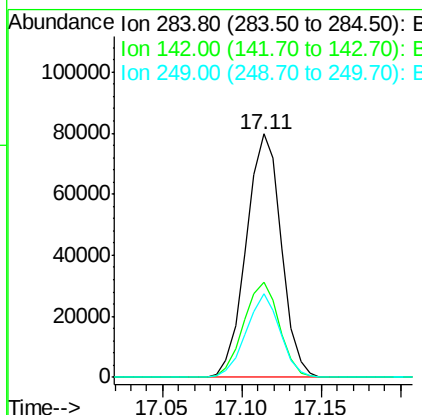
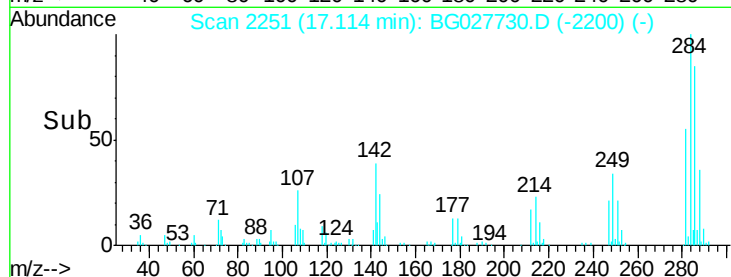
HD-01-062617MS



Tgt Ion:	284	Resp:	122354
Ion Ratio	Lower	Upper	
284	100		
142	39.0	29.9	44.9
249	34.2	29.2	43.8

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#68

Atrazine

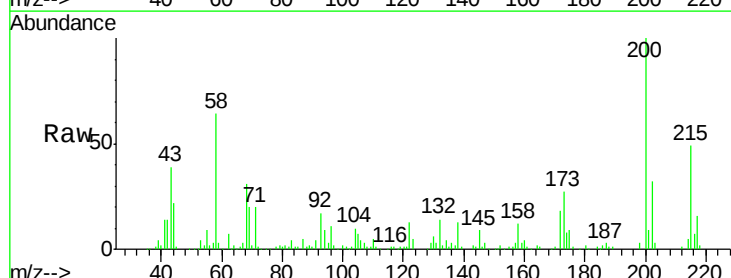
Concen: 48.900 ng

RT: 17.24 min Scan# 2273

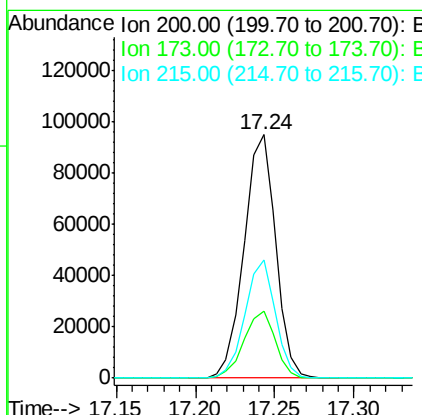
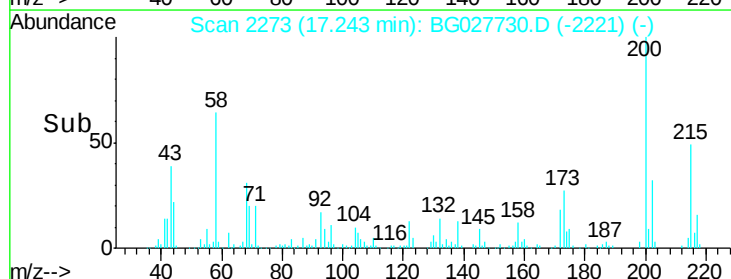
Delta R.T. 0.00 min

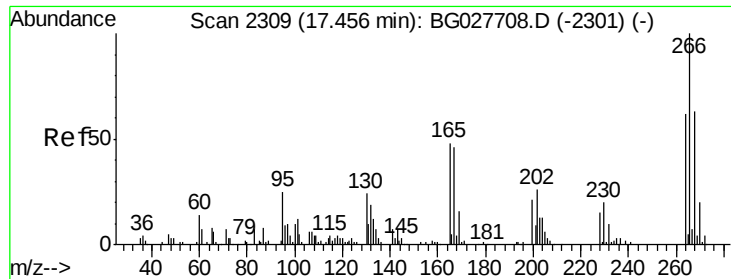
Lab File: BG027730.D

Acq: 29 Jun 2017 7:20



Tgt Ion:	200	Resp:	131399
Ion Ratio	Lower	Upper	
200	100		
173	27.3	3.0	43.0
215	48.8	28.4	68.4





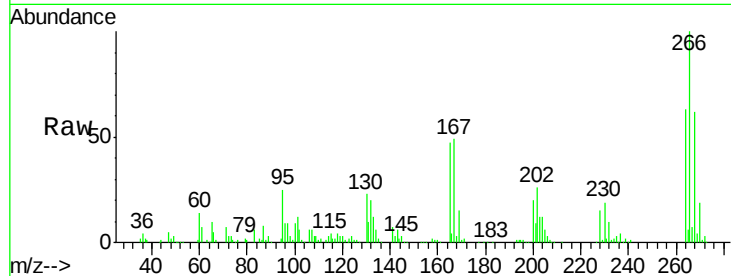
#69
 Pentachlorophenol
 Concen: 85.618 ng
 RT: 17.45 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

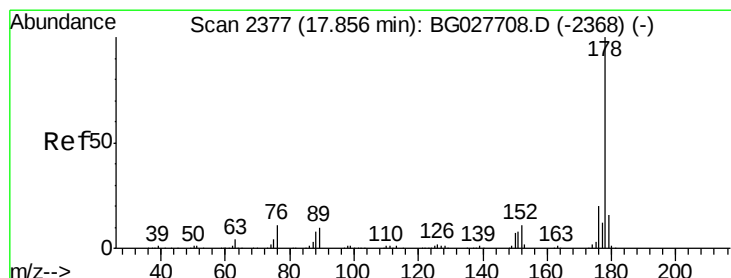
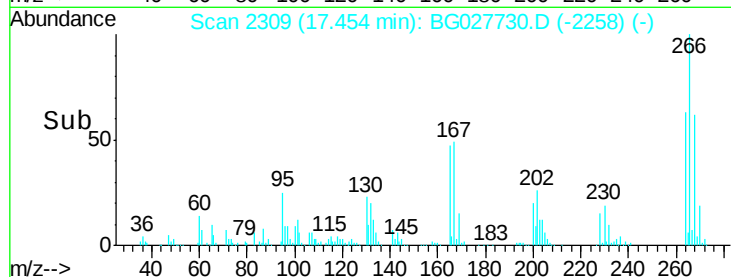
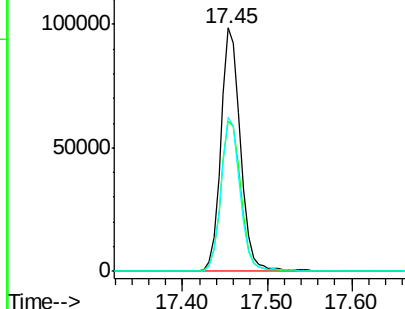
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	159285		
268	61.8	48.6	72.8	
264	63.2	50.1	75.1	

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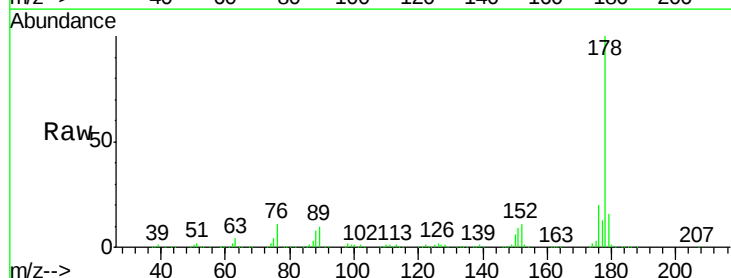


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

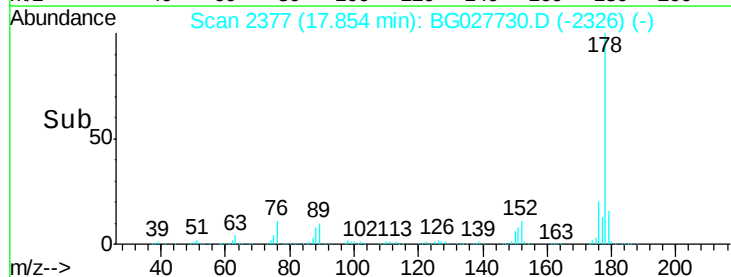
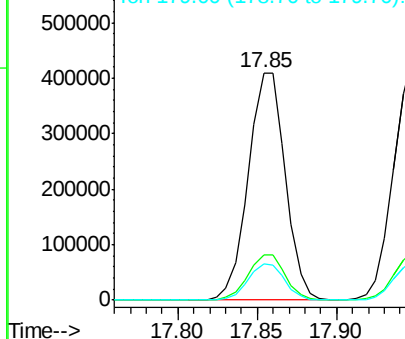


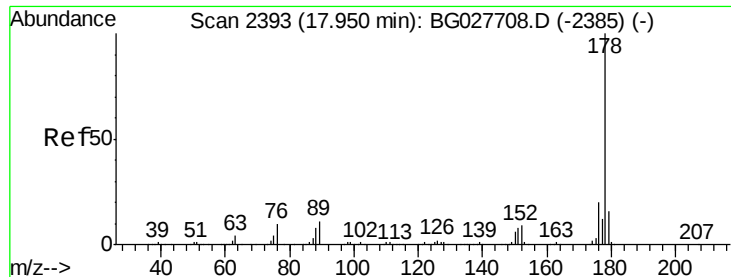
#70
 Phenanthrene
 Concen: 44.079 ng
 RT: 17.85 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	665780		
176	20.0	17.7	26.5	
179	15.7	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





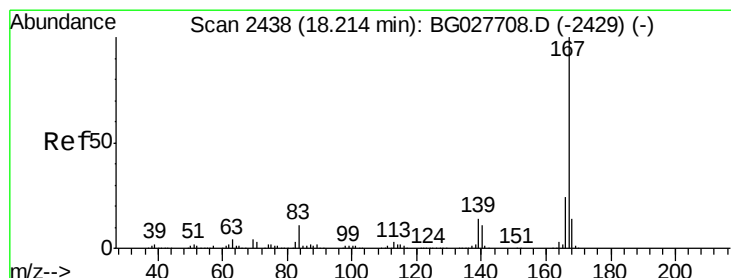
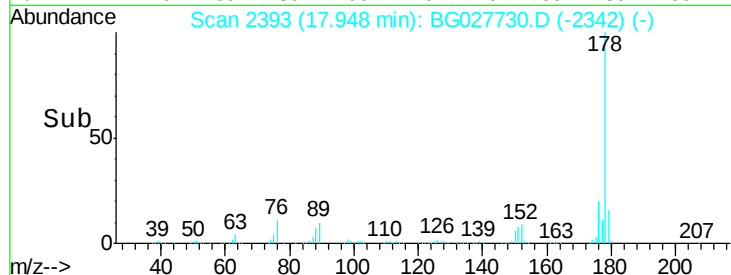
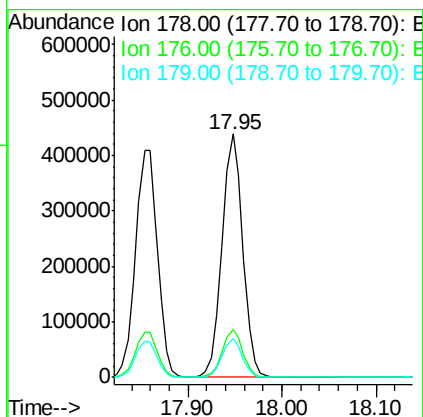
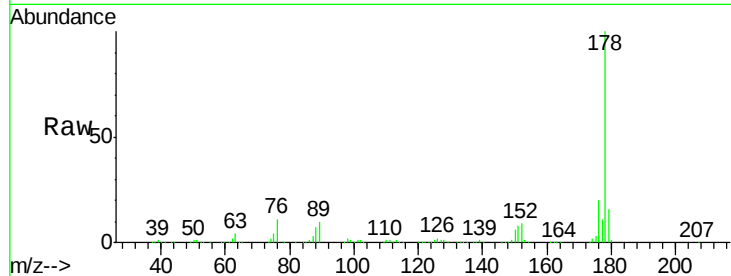
#71
 Anthracene
 Concen: 44.181 ng
 RT: 17.95 min Scan# 2393
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	15.7	13.8	20.8

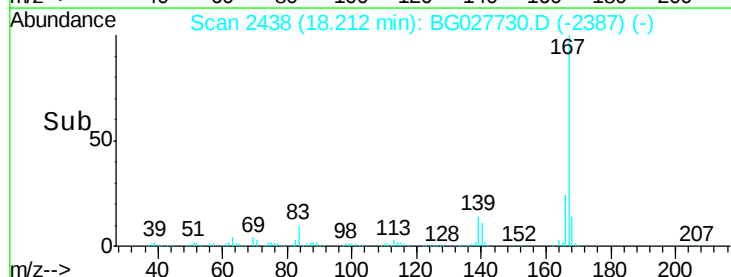
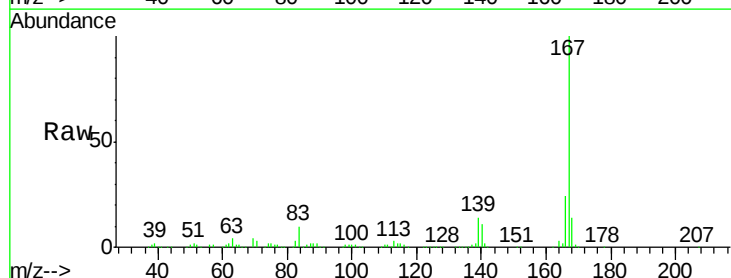
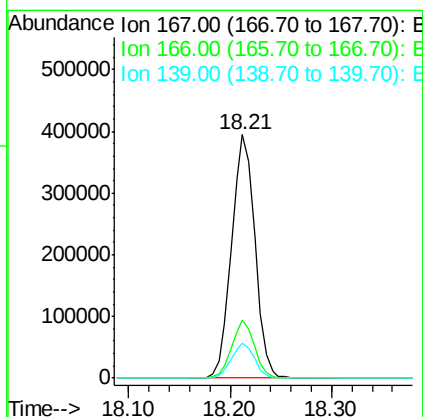
Manual Integrations
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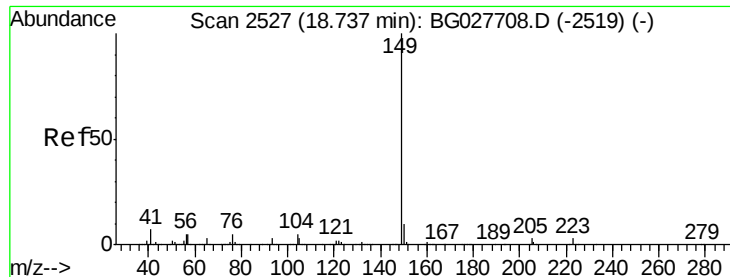
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#72
 Carbazole
 Concen: 42.003 ng
 RT: 18.21 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	20.2	30.2
139	14.2	12.8	19.2





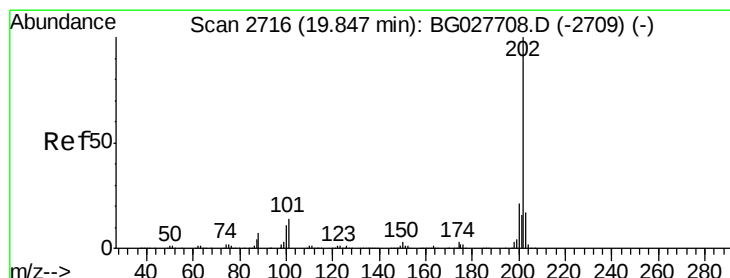
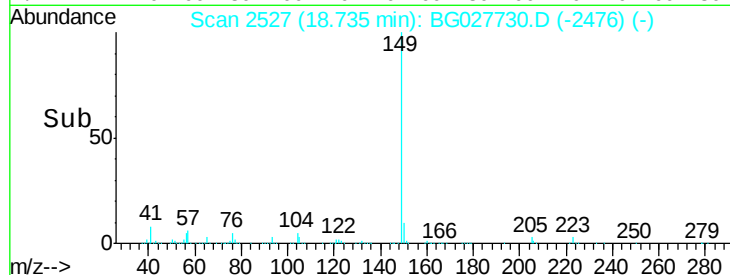
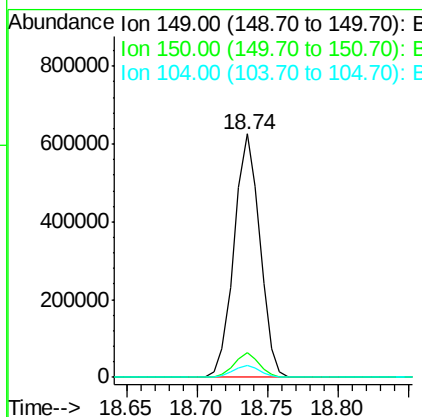
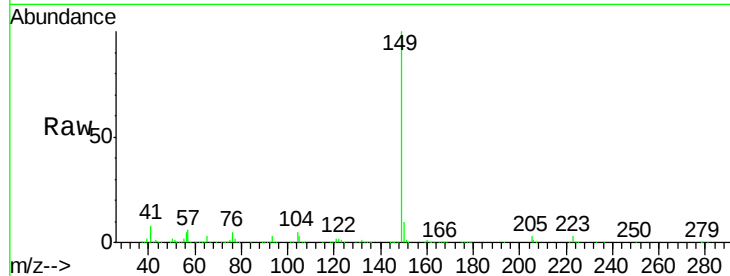
#73
Di-n-butylphthalate
Concen: 48.342 ng
RT: 18.74 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.9	9.1	13.7
104	5.0	6.7	10.1

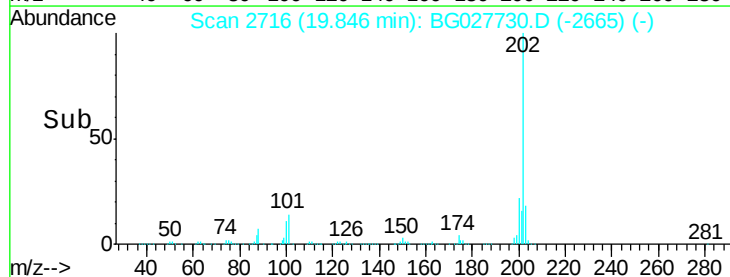
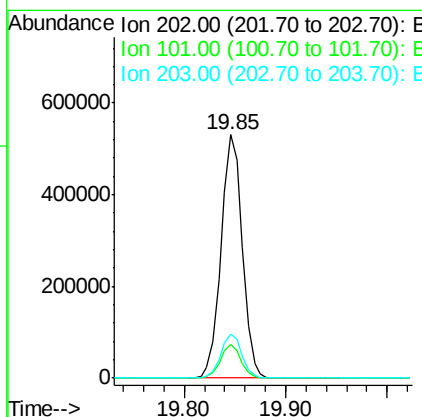
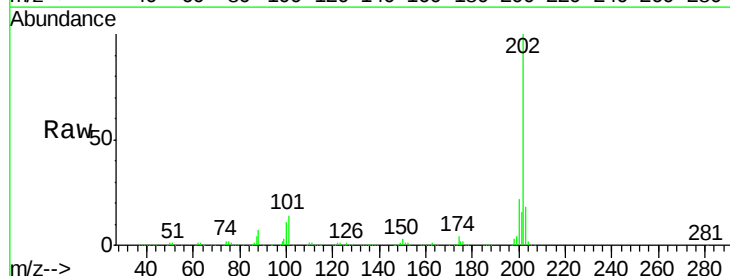
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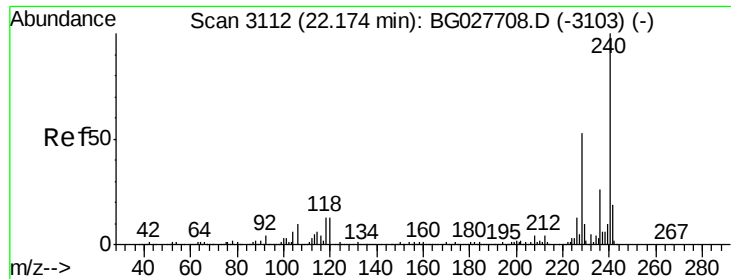
mohammad
6/29/2017 4:49:04 PM



#74
Fluoranthene
Concen: 46.514 ng
RT: 19.85 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	0.0	30.1
203	17.8	1.3	41.3





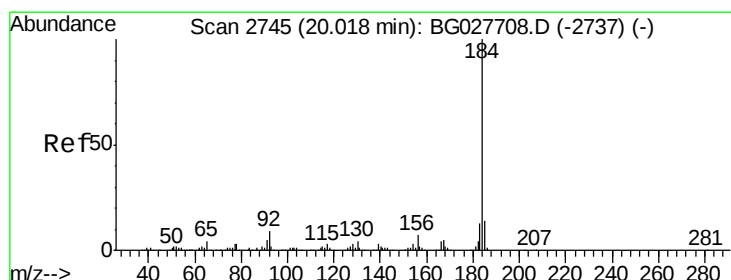
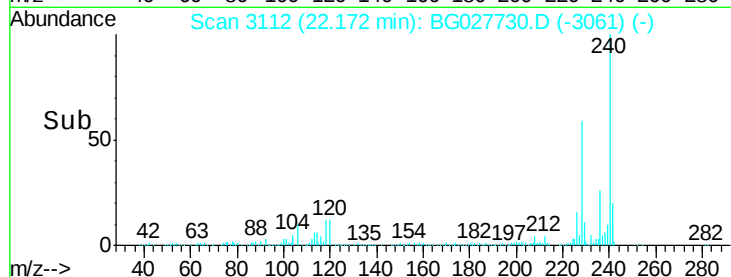
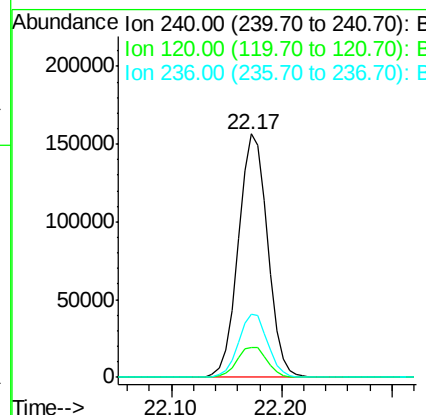
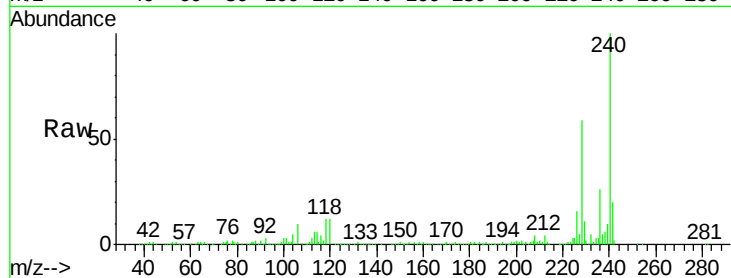
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion: 240 Resp: 291741
Ion Ratio Lower Upper
240 100
120 12.2 5.7 8.5#
236 25.9 22.2 33.4

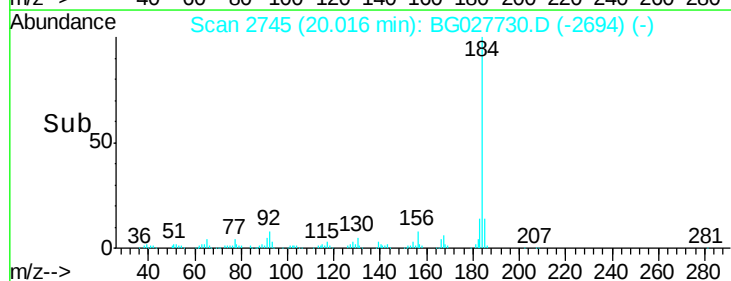
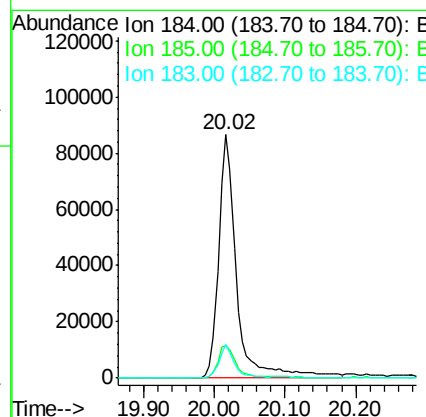
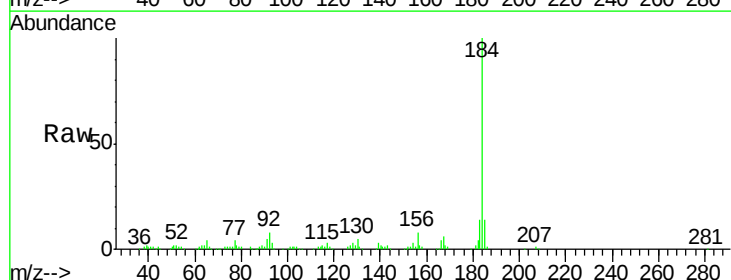
Manual Integrations
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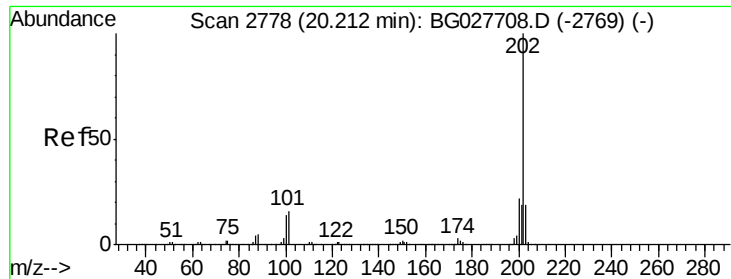
mohammad
6/29/2017 4:49:04 PM



#76
Benzidine
Concen: 23.880 ng
RT: 20.02 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion: 184 Resp: 153802
Ion Ratio Lower Upper
184 100
185 13.5 13.0 19.6
183 13.9 11.0 16.6





#77

Pyrene

Concen: 43.109 ng

RT: 20.21 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG027730.D

Acq: 29 Jun 2017 7:20

Instrument :

BNA_G

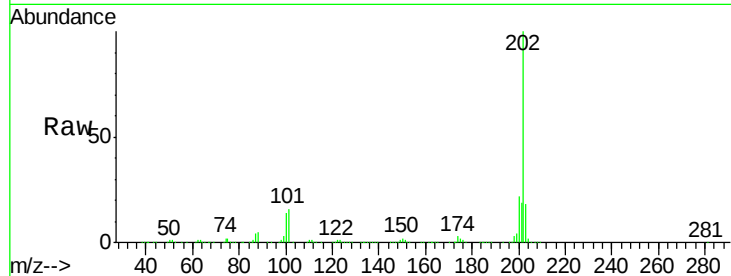
ClientSampleId :

HD-01-062617MS

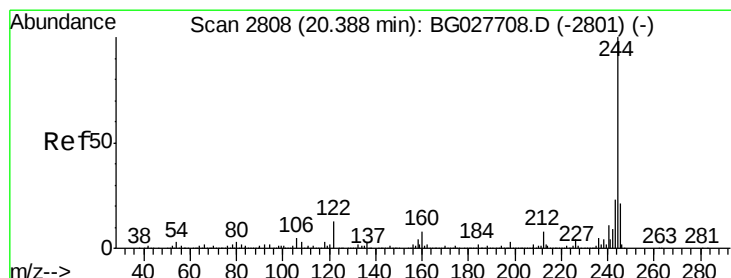
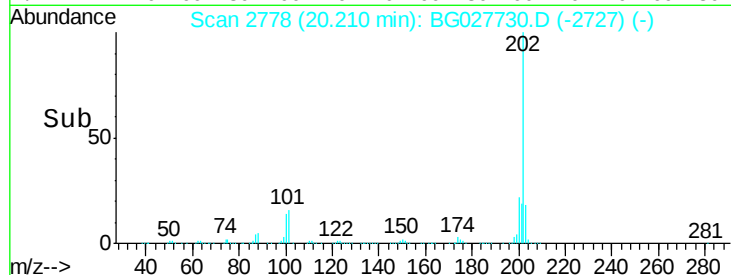
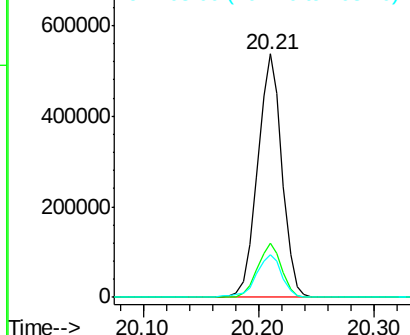
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		789263		
200	22.4	19.6		29.4	
203	17.6	15.8		23.8	

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.505 ng

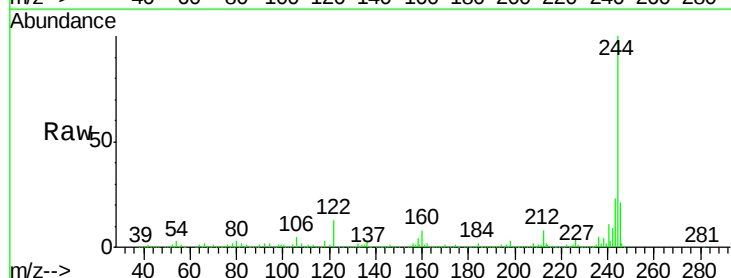
RT: 20.39 min Scan# 2808

Delta R.T. -0.00 min

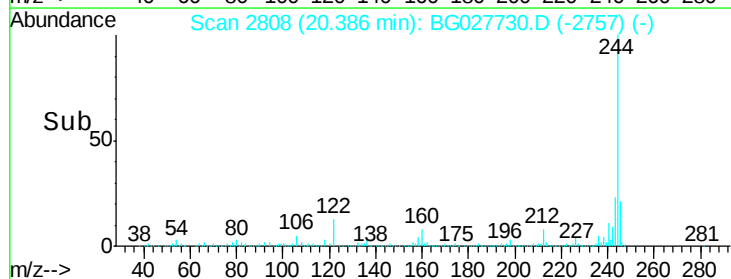
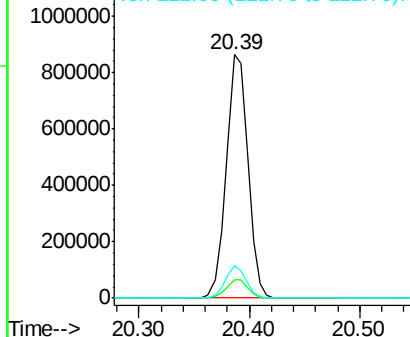
Lab File: BG027730.D

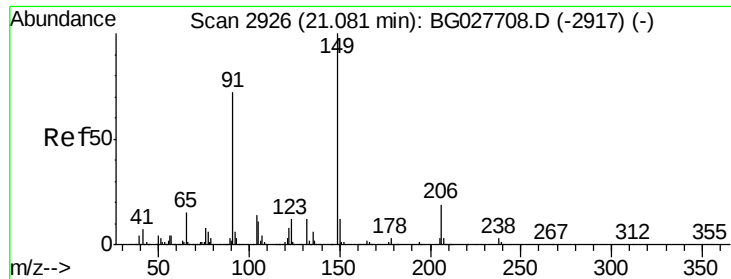
Acq: 29 Jun 2017 7:20

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		1188500		
212	7.6	10.0		15.0#	
122	13.2	8.6		12.8#	



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





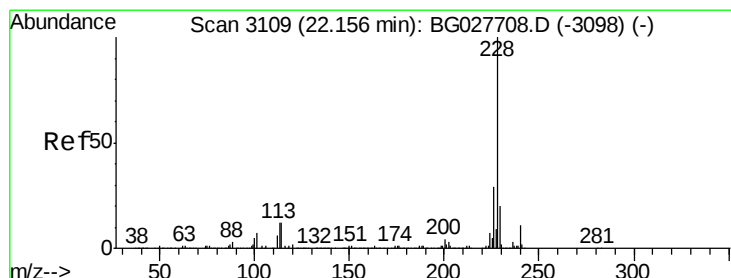
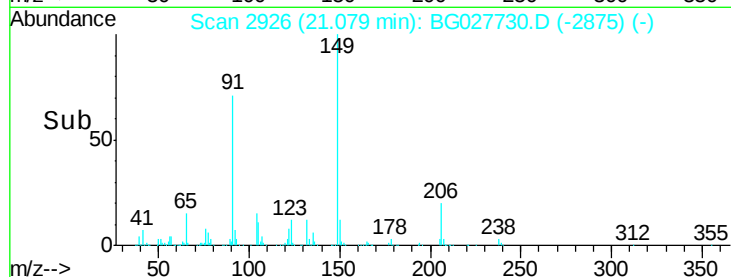
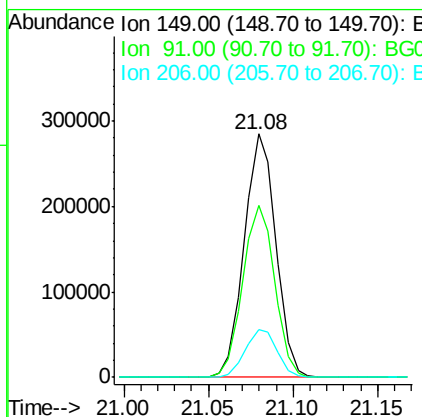
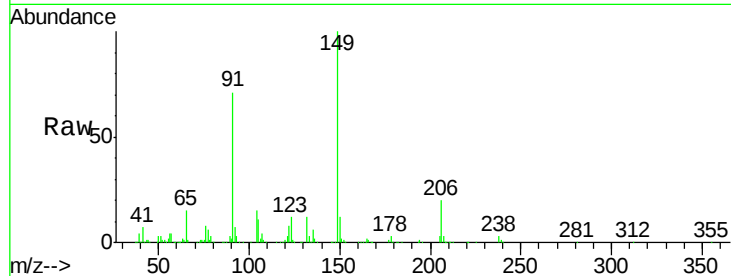
#79
Butylbenzylphthalate
Concen: 45.132 ng
RT: 21.08 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	70.6	63.5	95.3
206	19.5	21.0	31.6

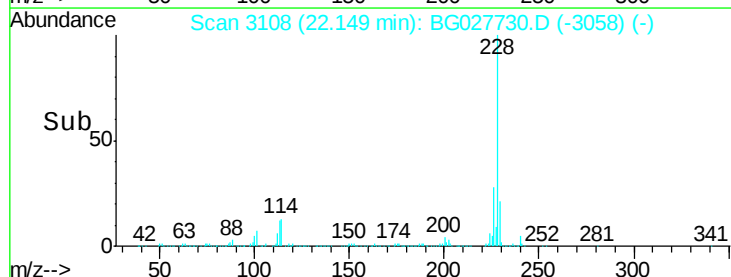
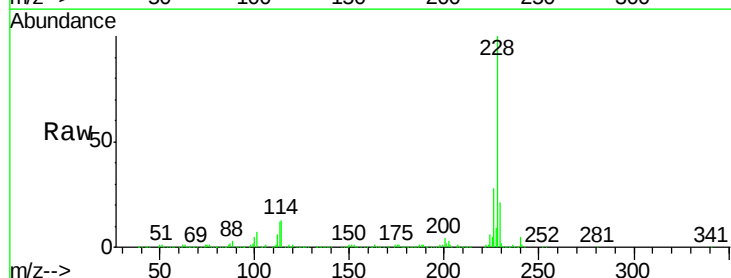
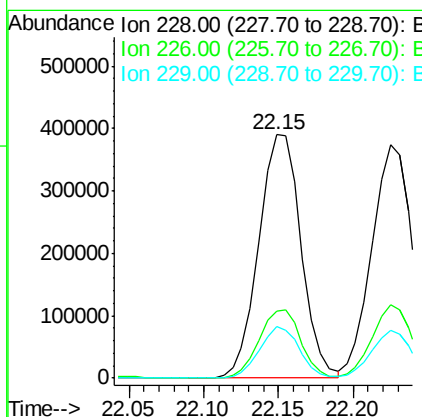
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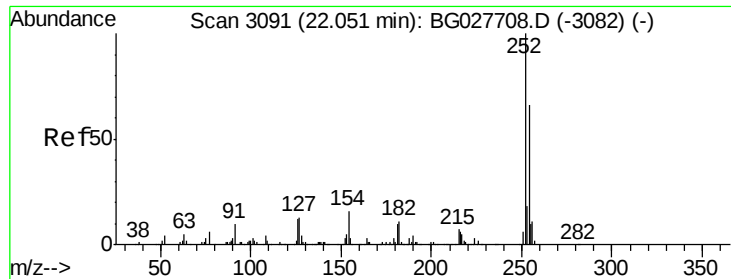
mohammad
6/29/2017 4:49:04 PM



#80
Benzo(a)anthracene
Concen: 43.372 ng
RT: 22.15 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	24.9	37.3
229	21.0	18.2	27.2





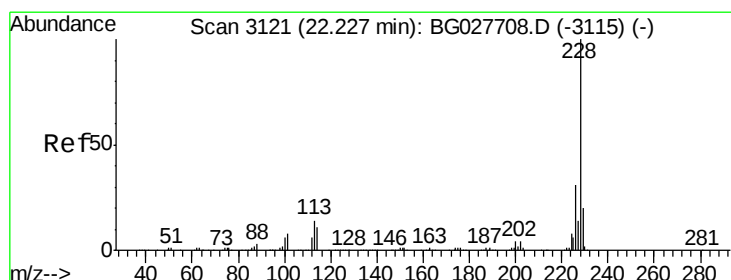
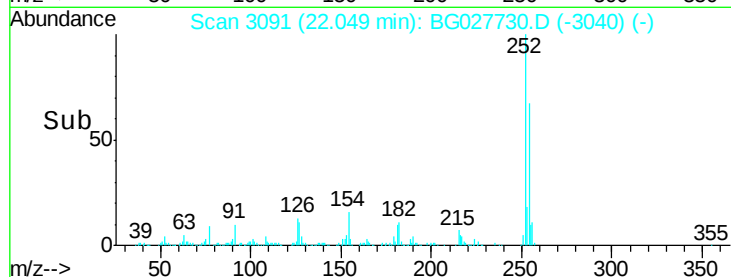
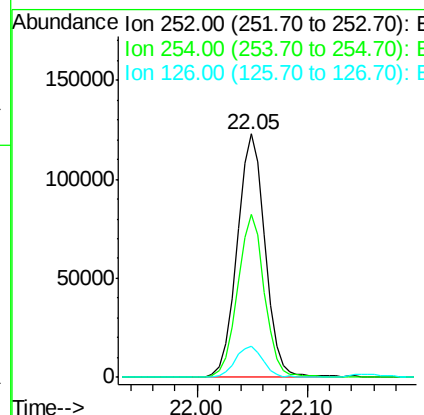
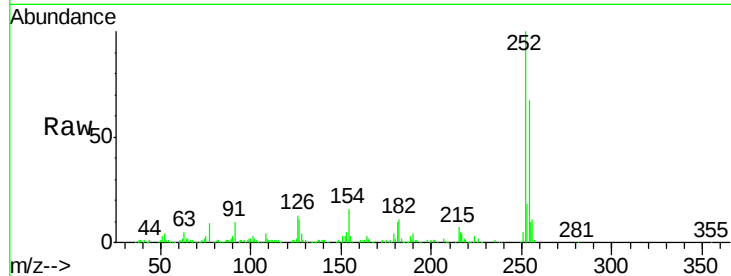
#81
 3,3'-Dichlorobenzidine
 Concen: 34.043 ng
 RT: 22.05 min Scan# 3091
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	217932		
254	66.9	53.1	79.7	
126	12.9	7.0	10.4	

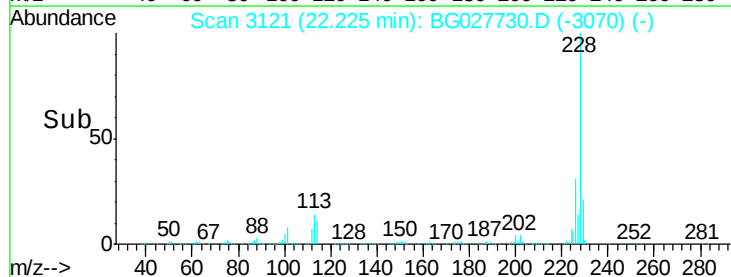
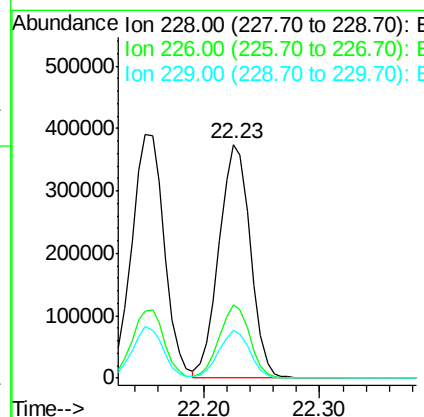
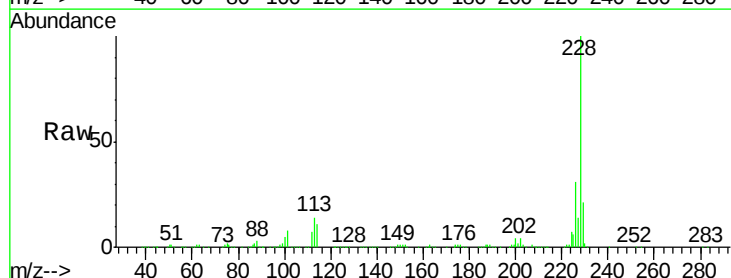
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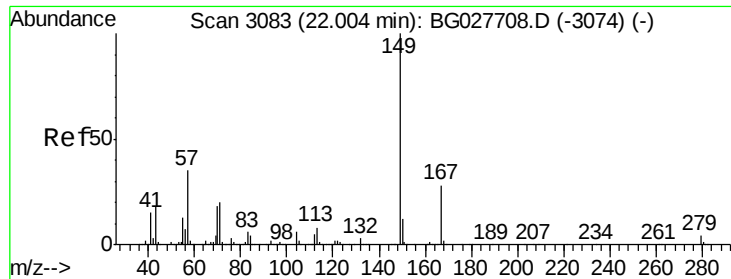
mohammad
 6/29/2017 4:49:04 PM



#82
 Chrysene
 Concen: 42.473 ng
 RT: 22.23 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	702194		
226	31.2	27.0	40.4	
229	20.7	17.8	26.6	





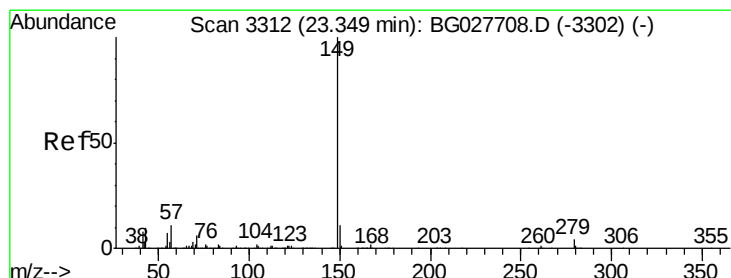
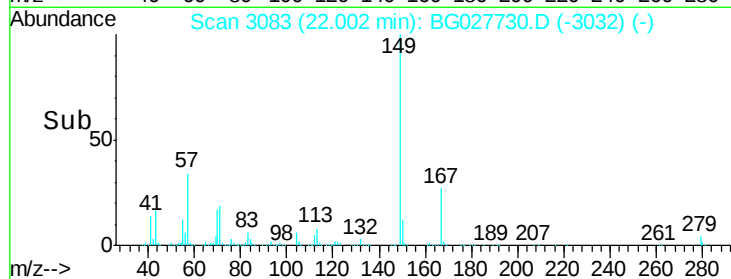
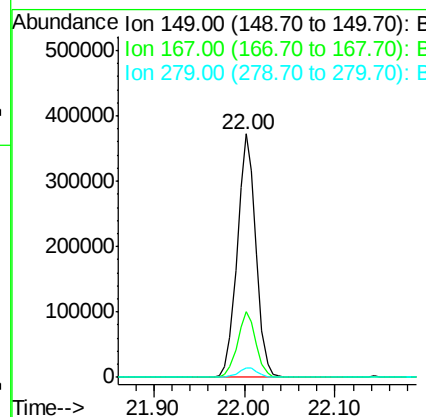
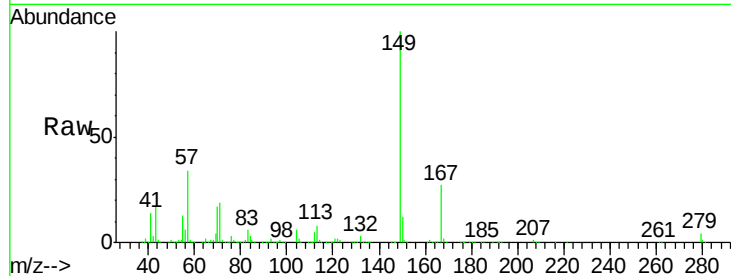
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.447 ng
 RT: 22.00 min Scan# 3083
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	535597		
167	27.0	23.7	35.5	
279	3.7	4.6	6.8#	

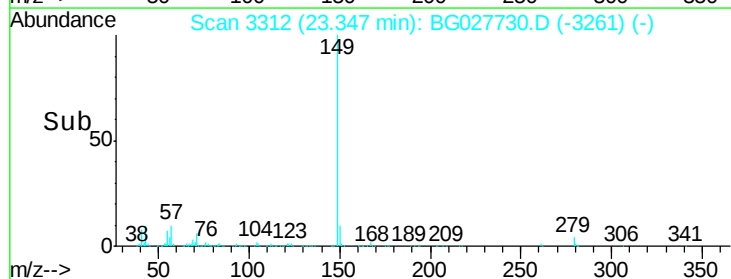
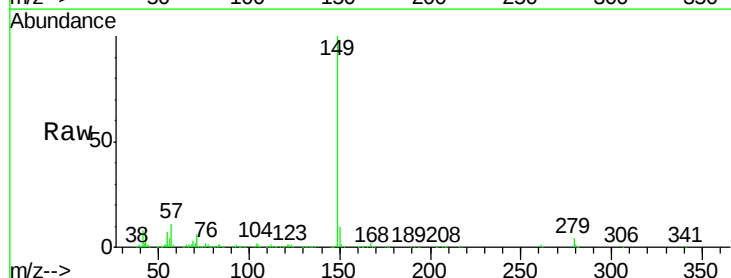
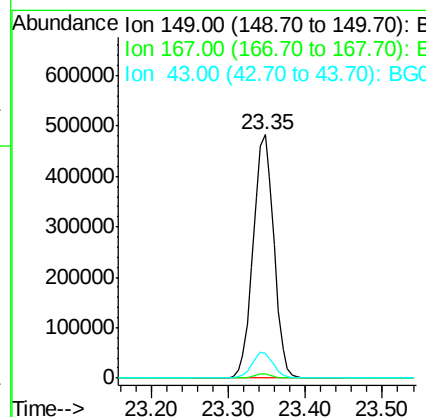
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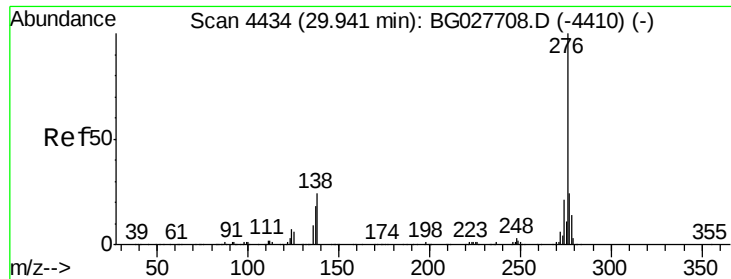
mohammad
 6/29/2017 4:49:04 PM



#84
 Di-n-octyl phthalate
 Concen: 45.811 ng
 RT: 23.35 min Scan# 3312
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	912003		
167	1.6	1.4	2.2	
43	10.8	11.8	17.6#	





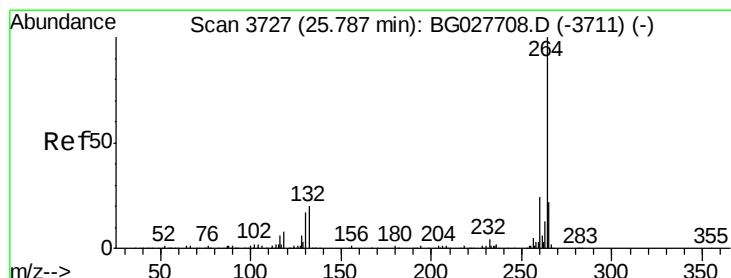
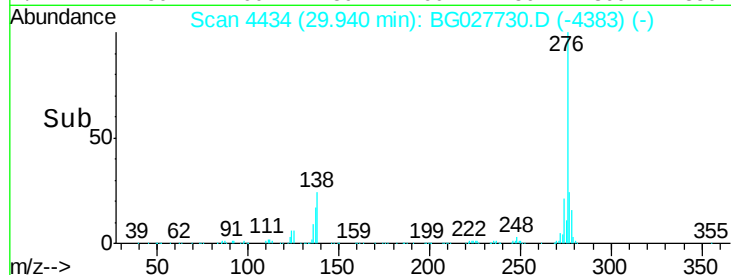
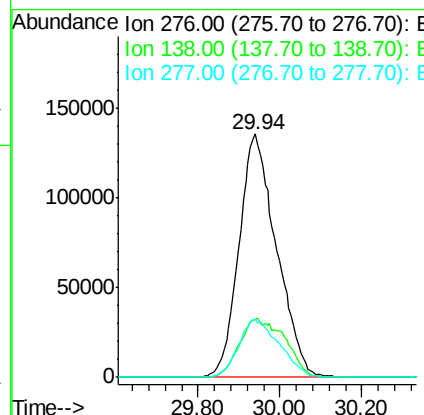
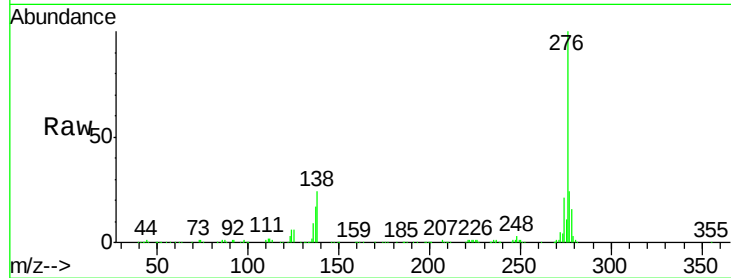
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.492 ng
 RT: 29.94 min Scan# 4434
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.8	4.7	7.1#
277	25.8	20.6	31.0

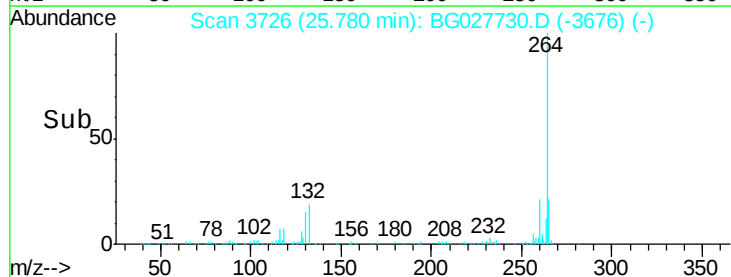
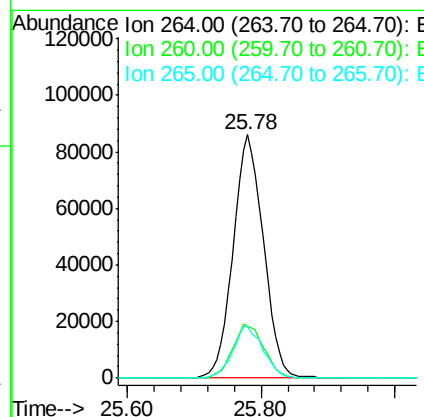
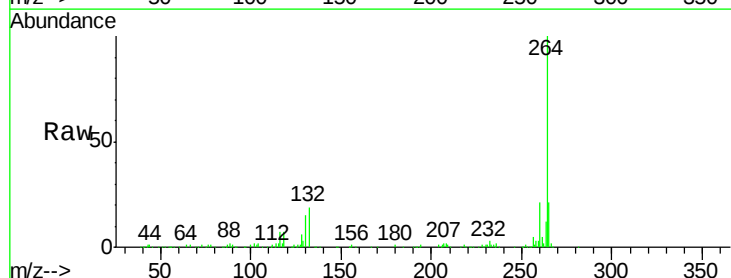
Manual Integrations
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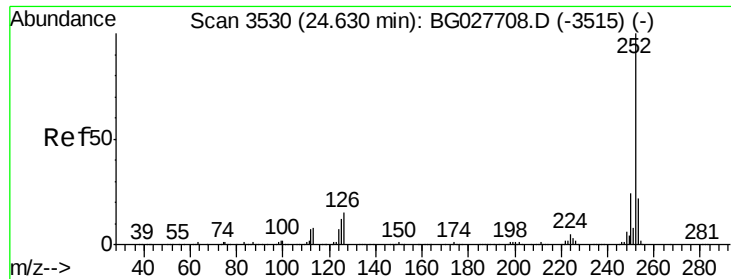
mohammad
 6/29/2017 4:49:04 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.78 min Scan# 3726
 Delta R.T. -0.01 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.3	21.8	32.8#
265	21.4	18.2	27.4





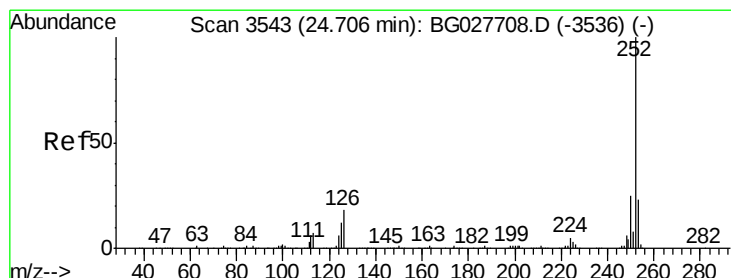
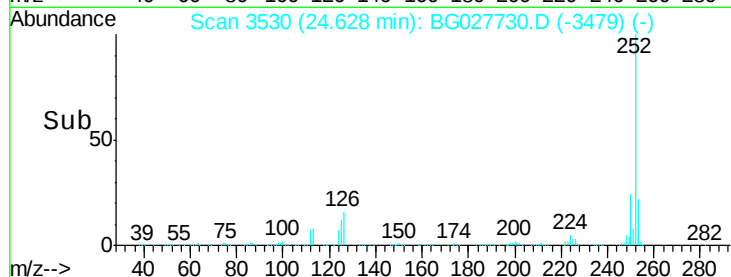
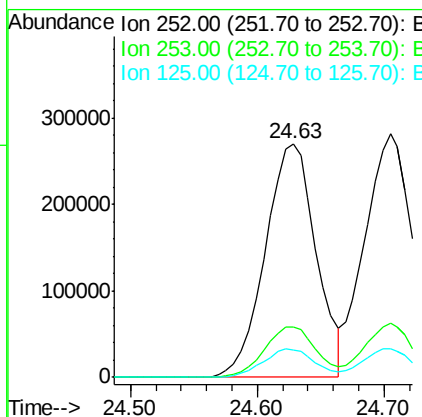
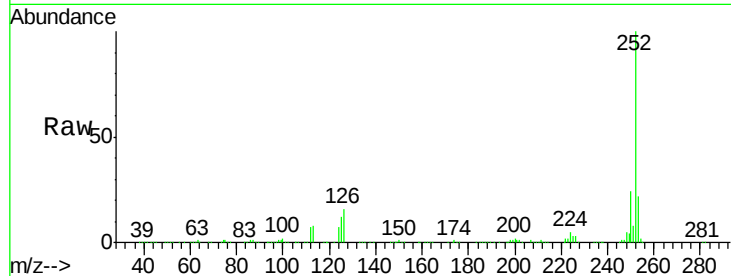
#87
Benzo(b)fluoranthene
Concen: 42.992 ng
RT: 24.63 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.7	28.1
125	11.8	5.3	7.9#

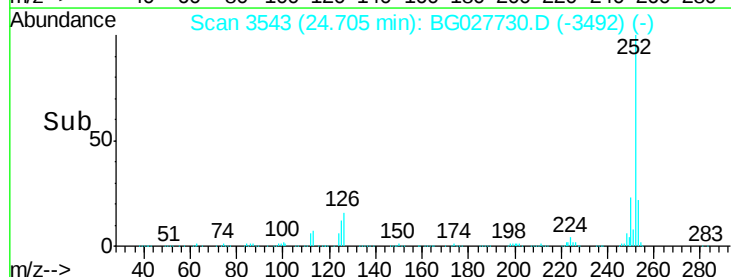
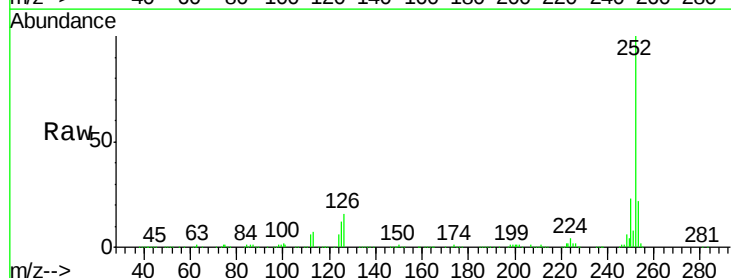
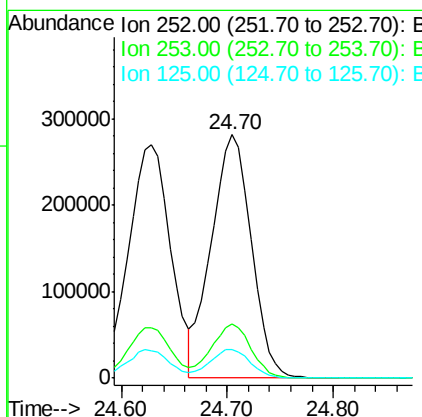
Manual Integrations
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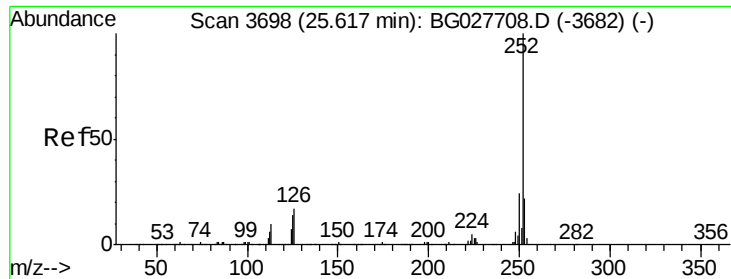
mohammad
6/29/2017 4:49:04 PM



#88
Benzo(k)fluoranthene
Concen: 42.696 ng
RT: 24.70 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.2
125	11.8	5.1	7.7#





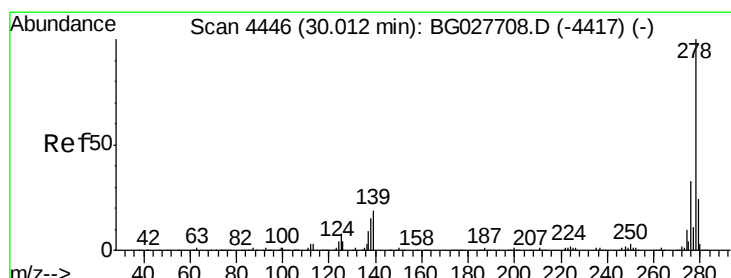
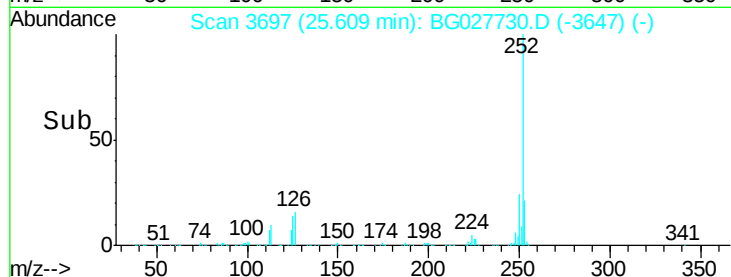
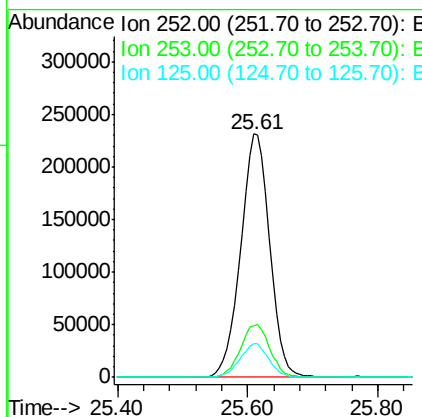
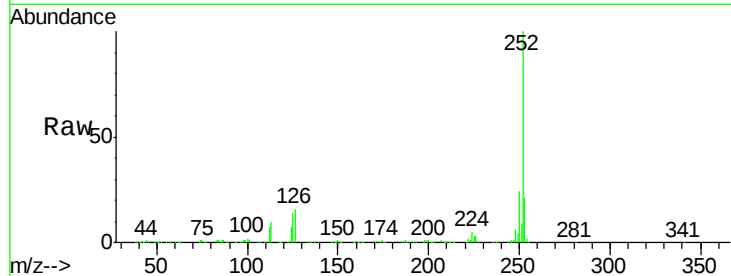
#89
Benzo(a)pyrene
Concen: 43.464 ng
RT: 25.61 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	19.2	28.8
125	13.6	5.4	8.0#

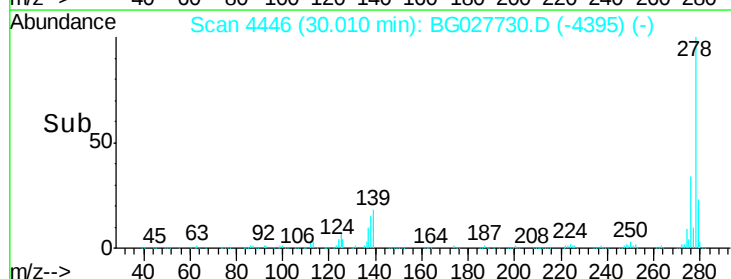
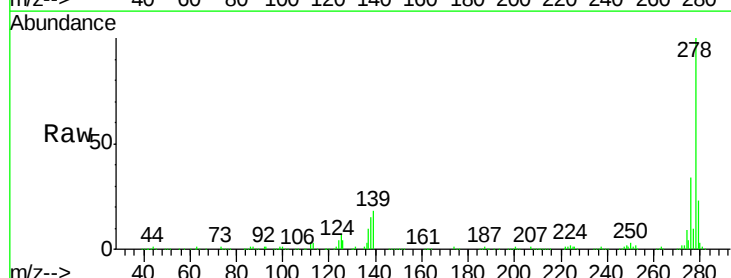
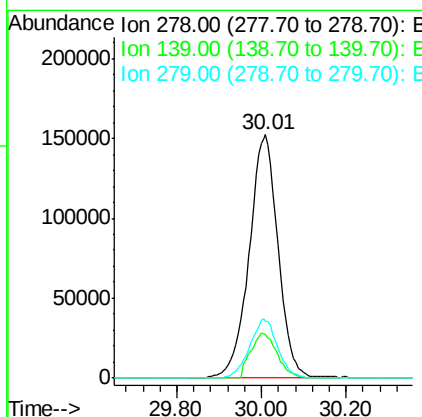
Manual Integrations
APPROVED

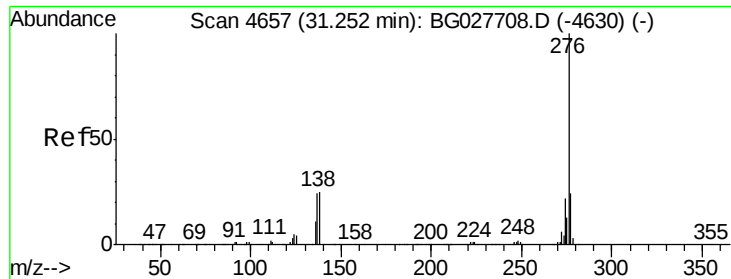
mohammad
6/29/2017 4:49:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.835 ng
RT: 30.01 min Scan# 4446
Delta R.T. -0.00 min
Lab File: BG027730.D
Acq: 29 Jun 2017 7:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	7.7	11.5#
279	23.2	19.1	28.7





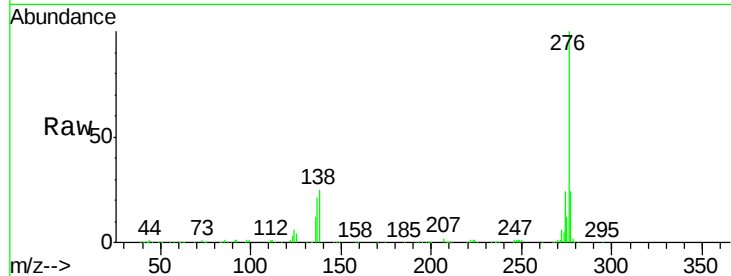
#91
 Benzo(g,h,i)perylene
 Concen: 42.950 ng
 RT: 31.25 min Scan# 4657
 Delta R.T. -0.00 min
 Lab File: BG027730.D
 Acq: 29 Jun 2017 7:20

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-062617MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	25.3	8.1	12.1

Manual Integrations
 APPROVED

mohammad
 6/29/2017 4:49:04 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

