

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
 Data File : BF096406.D
 Acq On : 2 Jul 2017 10:30
 Operator : SJ/MA
 Sample : PB100306BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Manual Integrations
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Quant Time: Jul 03 05:01:11 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	156280	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	664015	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	298213	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	484506	20.00	ng	0.00
75) Chrysene-d12	13.88	240	273872	20.00	ng	0.00
86) Perylene-d12	15.29	264	235512	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1198291	113.17	ng	0.02
7) Phenol-d6	6.38	99	1563311	120.10	ng	0.00
23) Nitrobenzene-d5	7.30	82	943693	85.40	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	285113	122.40	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1474179	84.52	ng	0.00
78) Terphenyl-d14	12.83	244	1097157	85.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	148140	29.506	ng	# 75
3) Pyridine	3.21	79	434606	31.549	ng	# 63
4) n-Nitrosodimethylamine	3.15	42	255367	37.557	ng	# 86
6) Aniline	6.40	93	485431	28.853	ng	# 34
8) 2-Chlorophenol	6.53	128	468969	41.534	ng	98
9) Benzaldehyde	6.28	77	198704	24.391	ng	98
10) Phenol	6.39	94	577918	38.971	ng	86
11) bis(2-Chloroethyl)ether	6.47	93	480648	41.941	ng	92
12) 1,3-Dichlorobenzene	6.68	146	492237	41.577	ng	98
13) 1,4-Dichlorobenzene	6.75	146	503855	42.579	ng	93
14) 1,2-Dichlorobenzene	6.91	146	458150	42.167	ng	96
15) Benzyl Alcohol	6.88	79	398365	45.782	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1031518	44.275	ng	91
17) 2-Methylphenol	7.00	107	405094	45.018	ng	98
18) Hexachloroethane	7.25	117	185631	43.270	ng	# 82
19) n-Nitroso-di-n-propylamine	7.16	70	317519	40.945	ng	# 83
20) 3+4-Methylphenols	7.15	107	449206	44.756	ng	92
22) Acetophenone	7.15	105	618029	42.597	ng	# 93
24) Nitrobenzene	7.32	77	493257	42.550	ng	96
25) Isophorone	7.56	82	920114	42.945	ng	95
26) 2-Nitrophenol	7.63	139	273975	44.652	ng	# 89
27) 2,4-Dimethylphenol	7.68	122	459054	43.939	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	614159	43.424	ng	99
29) 2,4-Dichlorophenol	7.88	162	405336	44.968	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	372361	43.792	ng	97
31) Naphthalene	8.04	128	1374208	43.838	ng	100
32) Benzoic acid	7.81	122	322472	36.752	ng	91
33) 4-Chloroaniline	8.09	127	275036	21.123	ng	97
34) Hexachlorobutadiene	8.16	225	187586	43.013	ng	97
35) Caprolactam	8.46	113	138015m	44.402	ng	
36) 4-Chloro-3-methylphenol	8.58	107	421678	42.278	ng	91
37) 2-Methylnaphthalene	8.73	142	851701	42.682	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	276346	35.689	ng	98
40) Hexachlorocyclopentadiene	8.89	237	351622	93.393	ng	100

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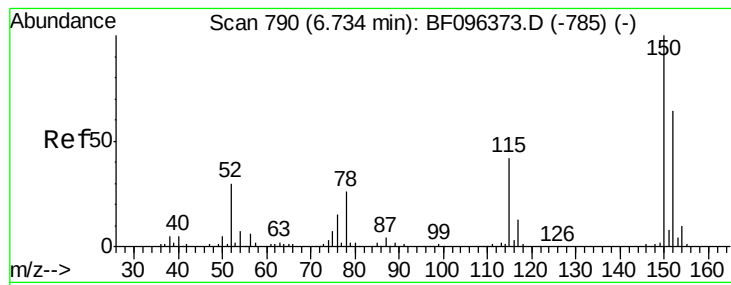
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	236298	38.576	ng	99
43) 2,4,5-Trichlorophenol	9.06	196	245671	40.563	ng	94
45) 1,1'-Biphenyl	9.20	154	998566	39.081	ng	97
46) 2-Chloronaphthalene	9.22	162	782259	41.081	ng	95
47) 2-Nitroaniline	9.31	65	293531	42.365	ng	96
48) Acenaphthylene	9.63	152	1288618	42.708	ng	99
49) Dimethylphthalate	9.50	163	938028	42.136	ng	99
50) 2,6-Dinitrotoluene	9.56	165	217552	44.192	ng #	87
51) Acenaphthene	9.80	154	727366	39.109	ng	99
52) 3-Nitroaniline	9.72	138	170184	27.717	ng #	89
53) 2,4-Dinitrophenol	9.83	184	192417	73.590	ng #	71
54) Dibenzofuran	9.98	168	1017916	41.454	ng	98
55) 4-Nitrophenol	9.89	139	362153	71.160	ng #	66
56) 2,4-Dinitrotoluene	9.96	165	263722	42.303	ng #	90
57) Fluorene	10.32	166	762157	43.948	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	197291	47.083	ng	99
59) Diethylphthalate	10.20	149	898100	42.681	ng	99
60) 4-Chlorophenyl-phenylether	10.31	204	322083	42.685	ng	98
61) 4-Nitroaniline	10.34	138	239158	42.836	ng	88
62) Azobenzene	10.47	77	907167	44.586	ng	92
64) 4,6-Dinitro-2-methylphenol	10.37	198	142793	42.734	ng	92
65) n-Nitrosodiphenylamine	10.43	169	747936	43.997	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	201156	42.650	ng	96
67) Hexachlorobenzene	10.87	284	210122	40.697	ng #	90
68) Atrazine	10.96	200	204634	42.135	ng	94
69) Pentachlorophenol	11.06	266	220154	71.946	ng	99
70) Phenanthrene	11.28	178	1133406	43.274	ng	99
71) Anthracene	11.33	178	1173811	43.980	ng	99
72) Carbazole	11.48	167	1115163	41.546	ng	99
73) Di-n-butylphthalate	11.82	149	1363464	41.939	ng	98
74) Fluoranthene	12.46	202	1076875	41.936	ng	99
76) Benzidine	12.57	184	337447	25.679	ng #	92
77) Pyrene	12.69	202	1108052	50.405	ng	100
79) Butylbenzylphthalate	13.31	149	549000	49.335	ng #	81
80) Benzo(a)anthracene	13.87	228	738494	46.565	ng	98
81) 3,3'-Dichlorobenzidine	13.83	252	193482	29.703	ng #	97
82) Chrysene	13.91	228	721044	43.415	ng	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	611723	49.247	ng	100
84) Di-n-octyl phthalate	14.48	149	1013624	41.438	ng #	95
85) Indeno(1,2,3-cd)pyrene	16.67	276	664039	50.653	ng	96
87) Benzo(b)fluoranthene	14.89	252	646879	43.835	ng	98
88) Benzo(k)fluoranthene	14.92	252	561140m	42.509	ng	
89) Benzo(a)pyrene	15.23	252	597912	45.382	ng	97
90) Dibenzo(a,h)anthracene	16.68	278	536528	51.764	ng #	95
91) Benzo(g,h,i)perylene	17.08	276	573712	53.417	ng	97

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



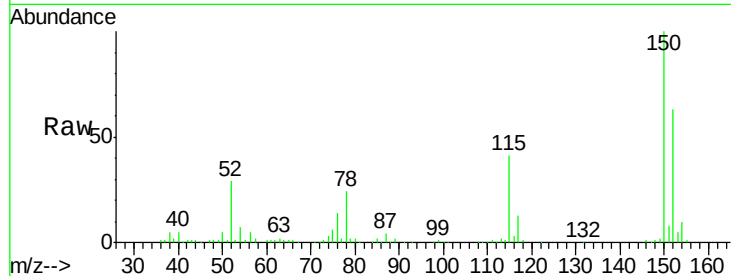
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

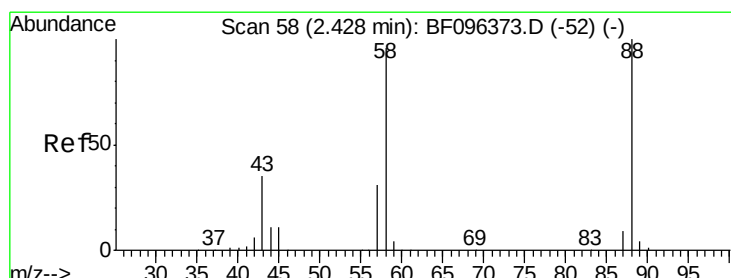
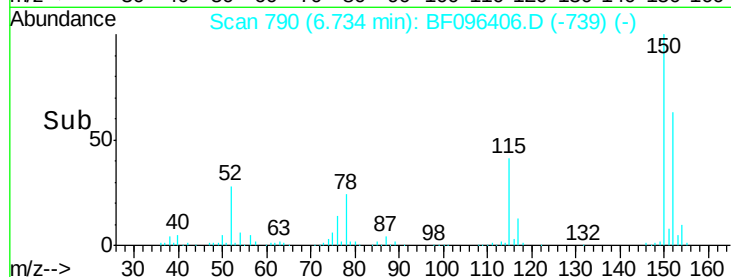
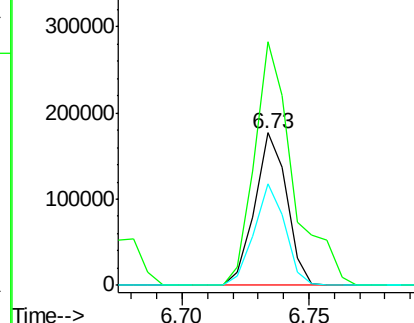
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	66.3	52.2	78.2

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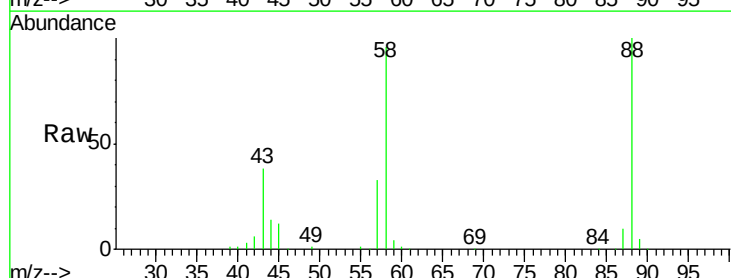


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

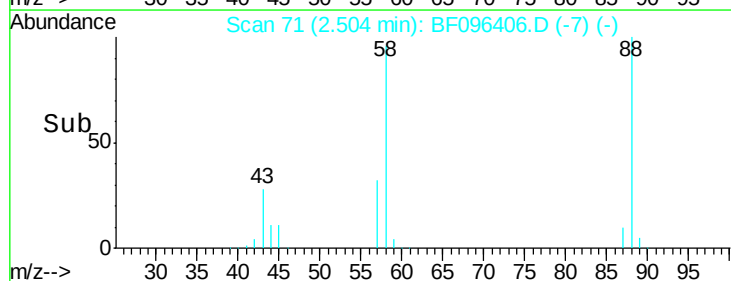
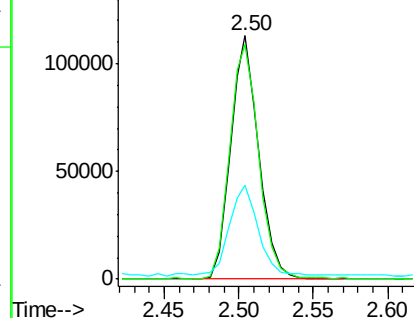


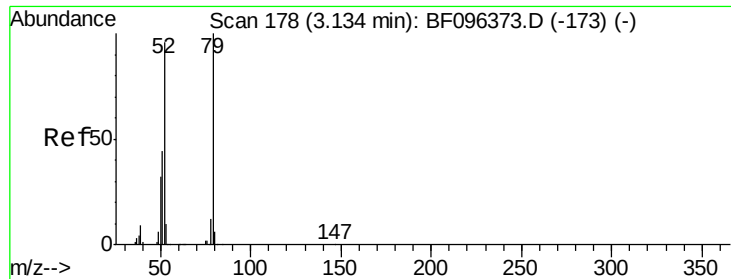
#2
1,4-Dioxane
Concen: 29.506 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.08 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.6	61.4	92.0#
43	39.0	23.4	35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





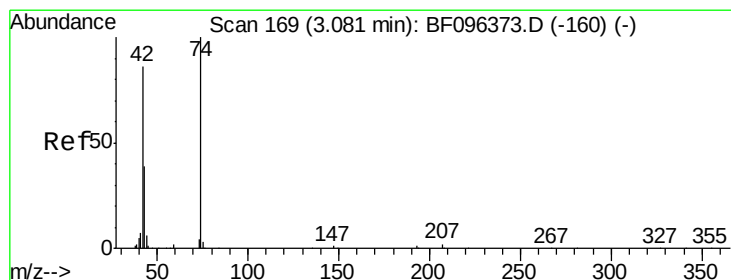
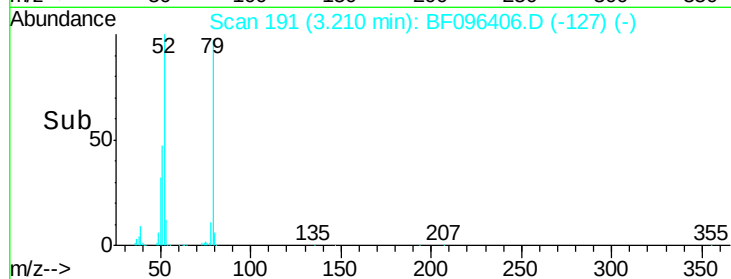
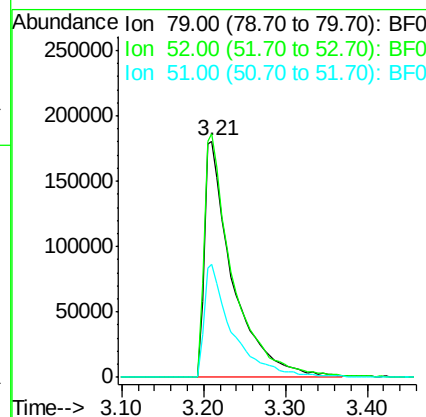
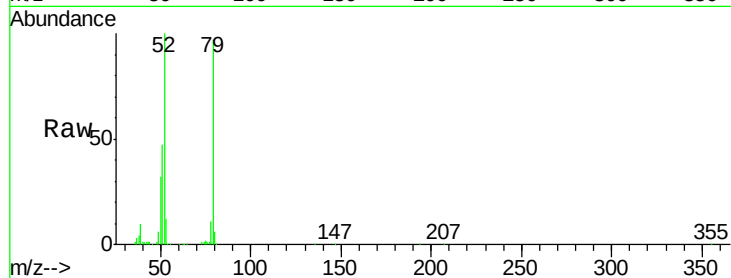
#3
 Pyridine
 Concen: 31.549 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.08 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion: 79 Resp: 434606
 Ion Ratio Lower Upper
 79 100
 52 103.0 54.8 82.2#
 51 48.0 27.0 40.4#

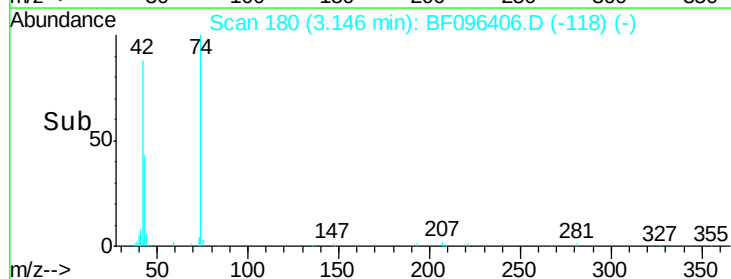
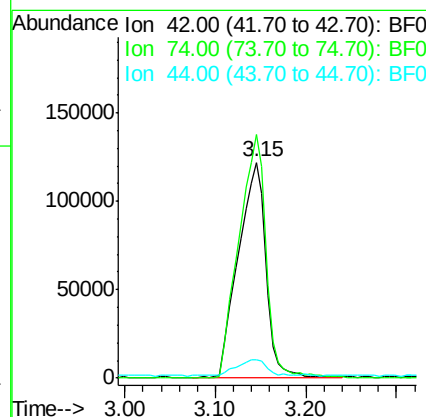
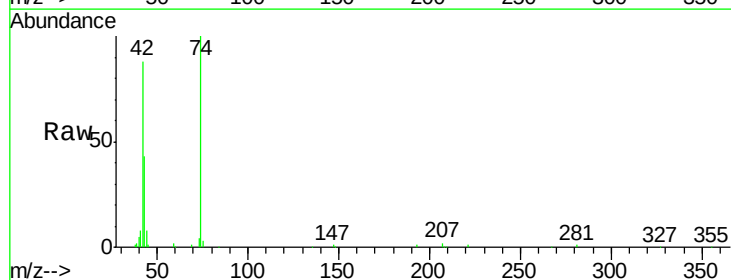
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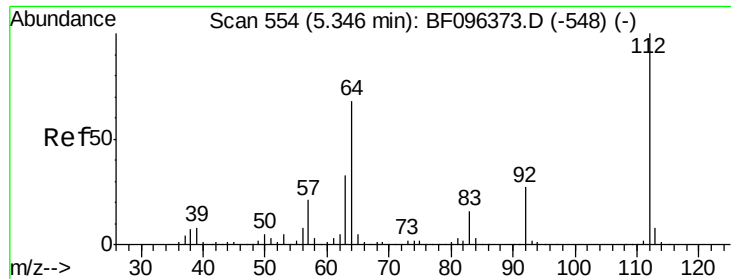
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#4
 n-Nitrosodimethylamine
 Concen: 37.557 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.06 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion: 42 Resp: 255367
 Ion Ratio Lower Upper
 42 100
 74 113.0 103.9 155.9
 44 8.7 5.7 8.5#





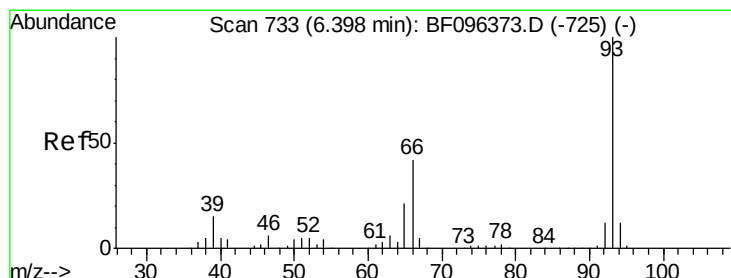
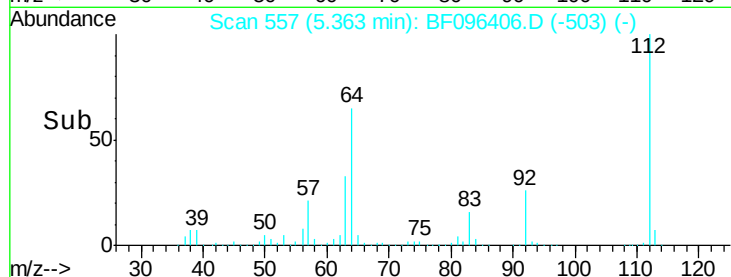
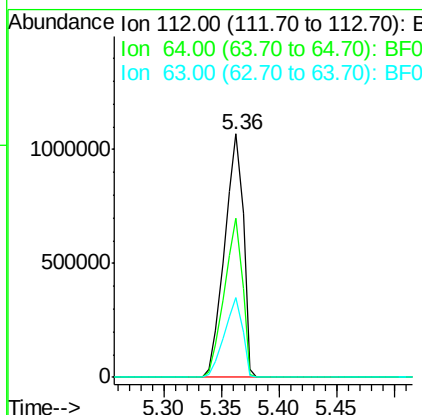
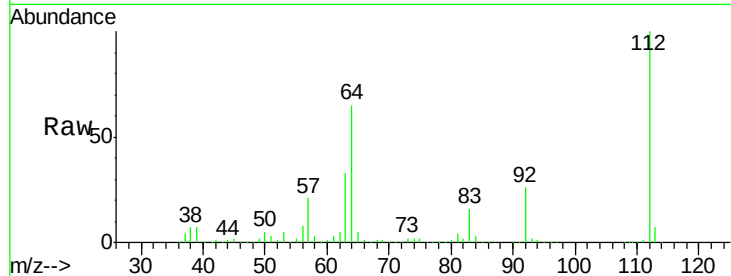
#5
2-Fluorophenol
Concen: 113.171 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1198291		
64	65.2	46.0	69.0	
63	32.6	23.4	35.0	

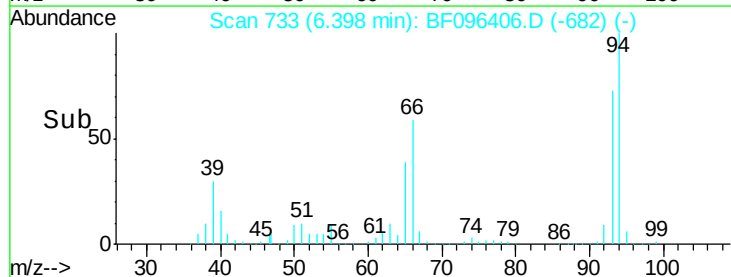
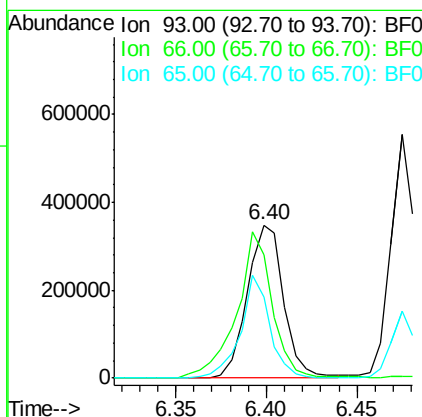
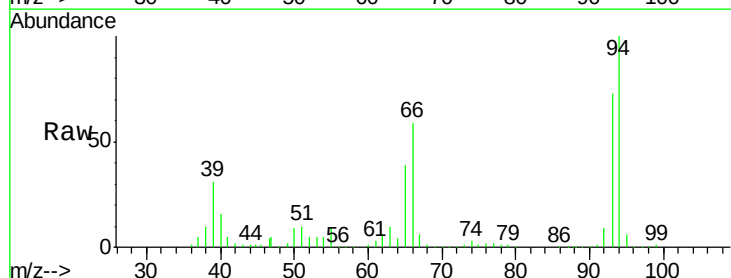
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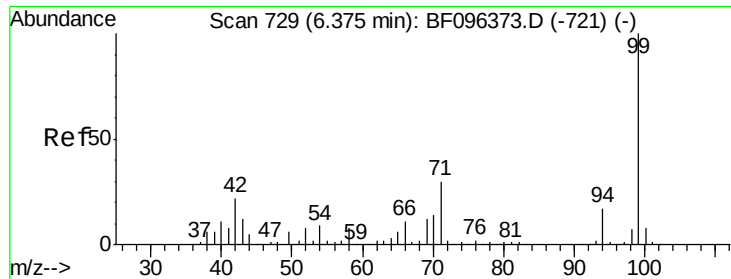
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#6
Aniline
Concen: 28.853 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	485431		
66	80.7	32.9	49.3#	
65	53.2	16.0	24.0#	





#7

Phenol-d6

Concen: 120.099 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampled :

PB100306BS

Tgt Ion: 99 Resp: 1563311

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

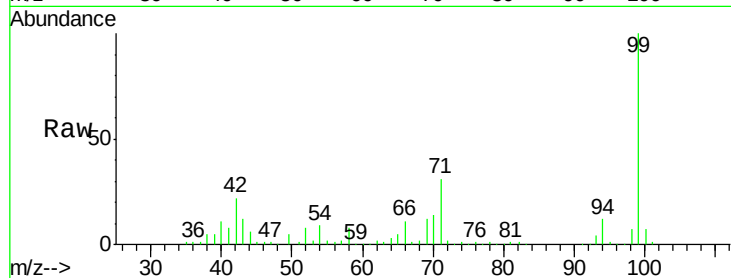
71 30.5 24.5 36.7

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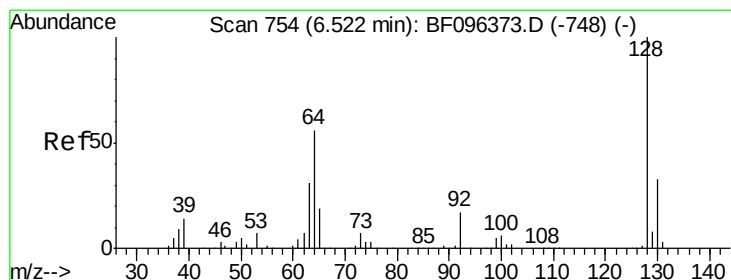
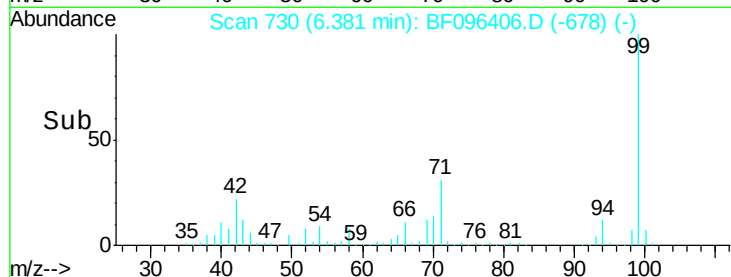
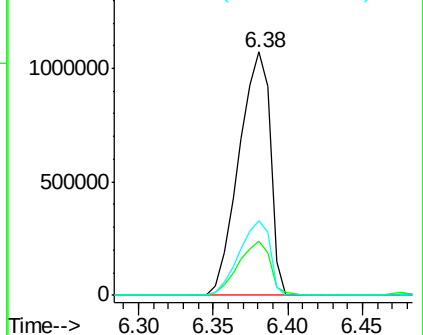
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.534 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

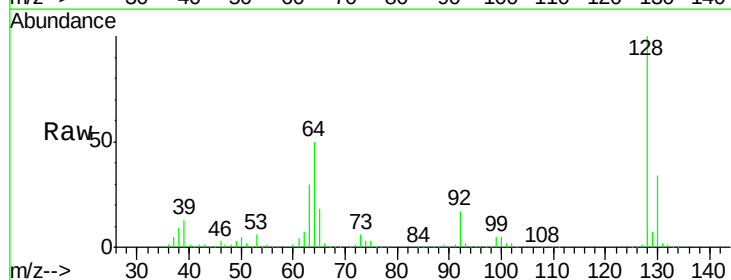
Tgt Ion: 128 Resp: 468969

Ion Ratio Lower Upper

128 100

130 34.0 12.9 52.9

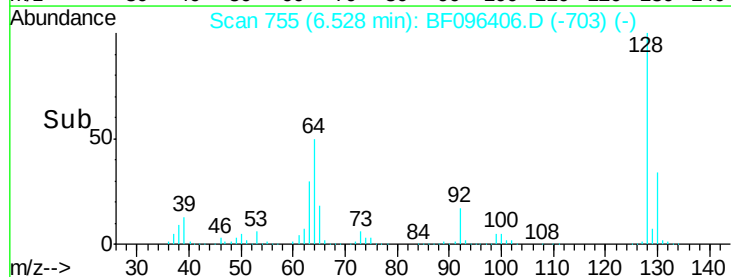
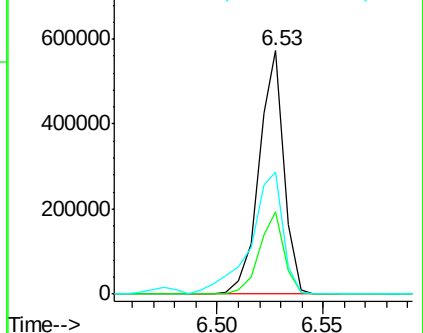
64 50.2 28.4 68.4

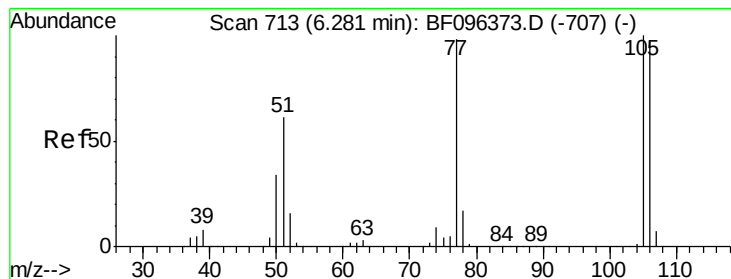


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.391 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

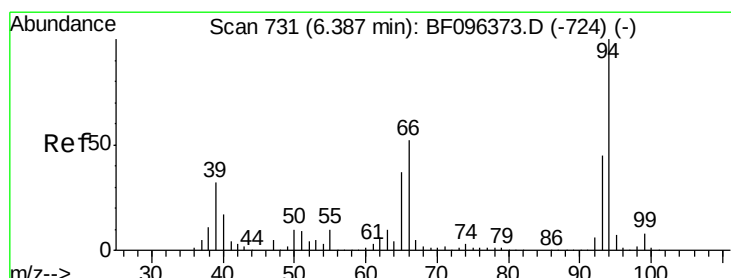
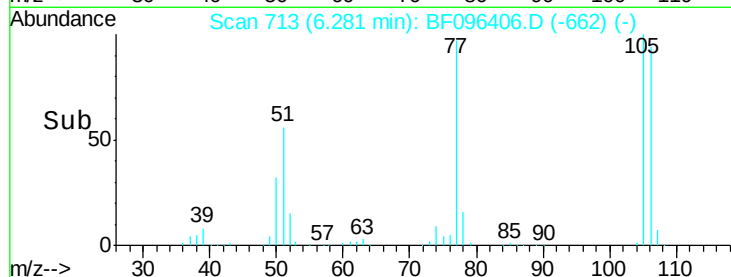
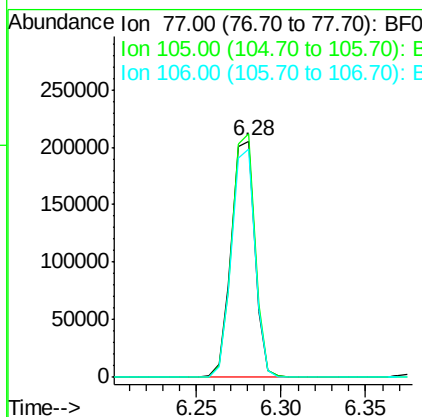
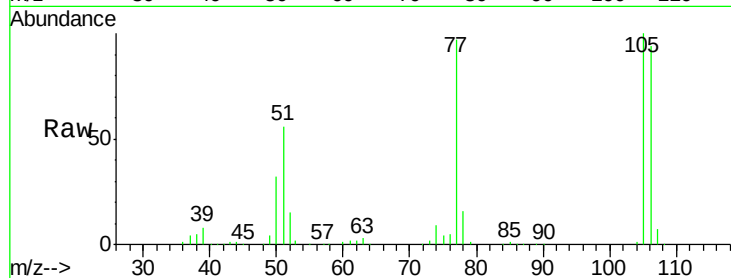
ClientSampleId :

PB100306BS

Tgt Ion:	77	Resp:	198704
Ion	Ratio	Lower	Upper
77	100		
105	103.1	83.8	123.8
106	96.7	79.1	119.1

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#10

Phenol

Concen: 38.971 ng

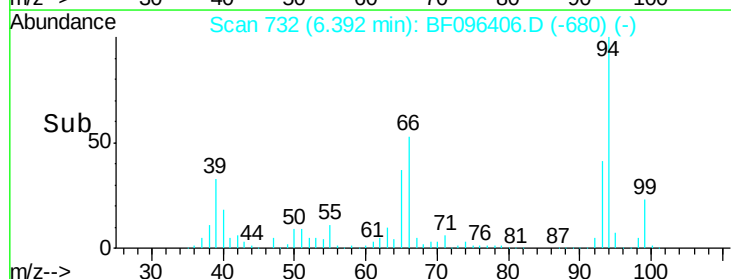
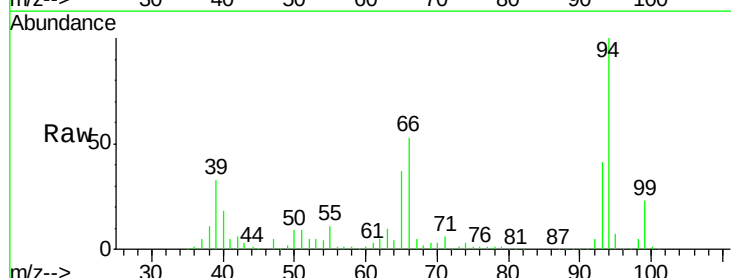
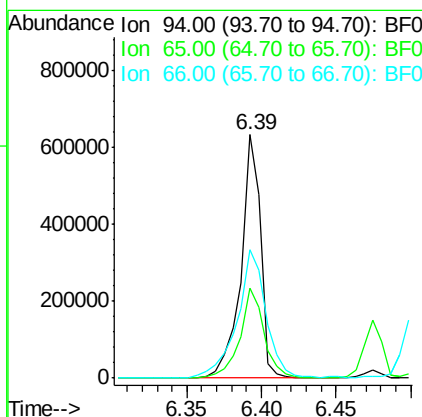
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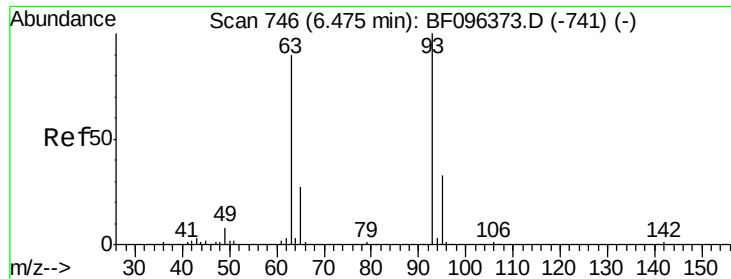
Delta R.T. 0.01 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Tgt Ion:	94	Resp:	577918
Ion	Ratio	Lower	Upper
94	100		
65	36.9	9.9	49.9
66	52.7	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.941 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

PB100306BS

Tgt Ion: 93 Resp: 480648

Ion Ratio Lower Upper

93 100

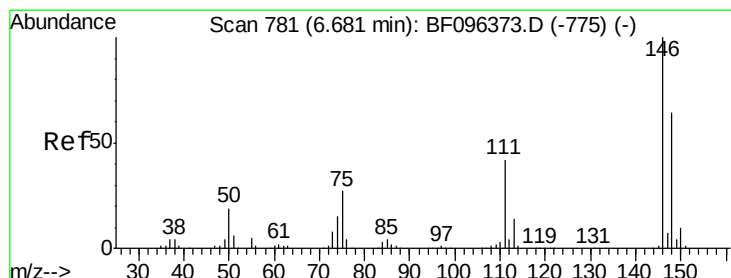
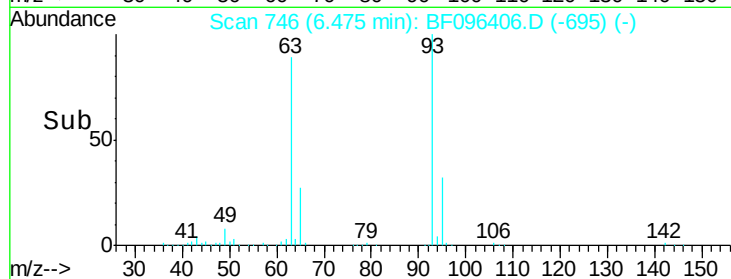
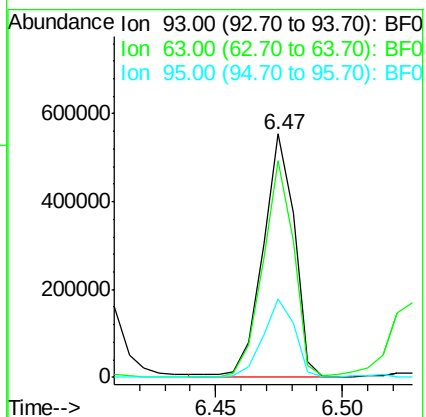
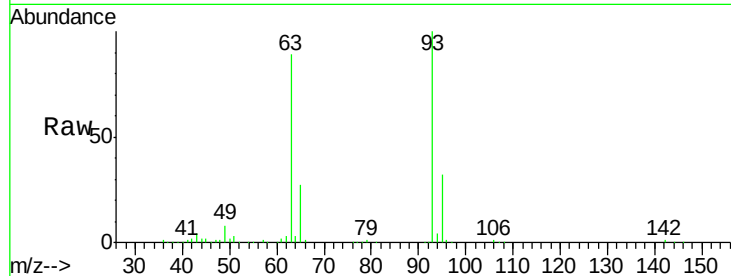
63 89.0 59.2 99.2

95 32.0 12.8 52.8

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#12

1,3-Dichlorobenzene

Concen: 41.577 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

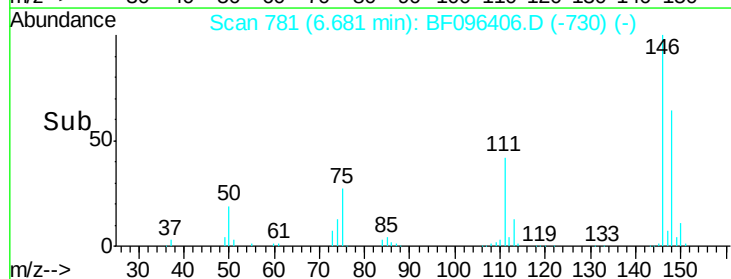
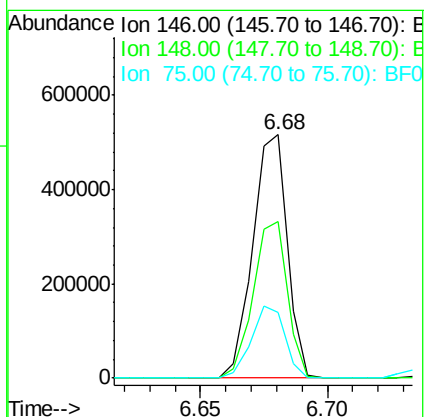
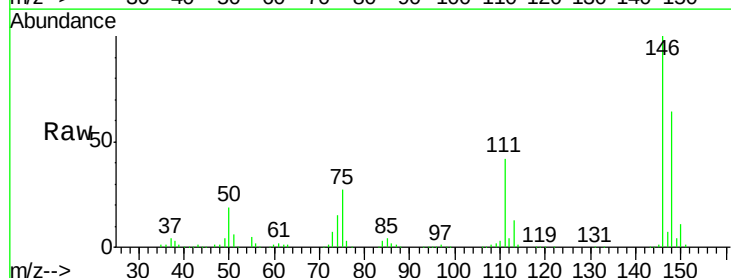
Tgt Ion: 146 Resp: 492237

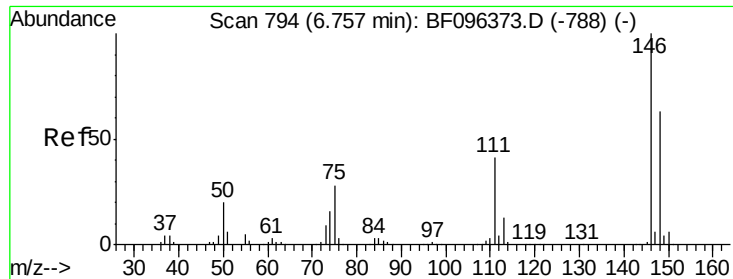
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

75 27.0 23.1 34.7





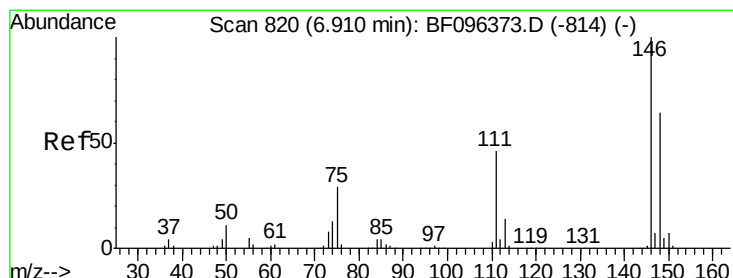
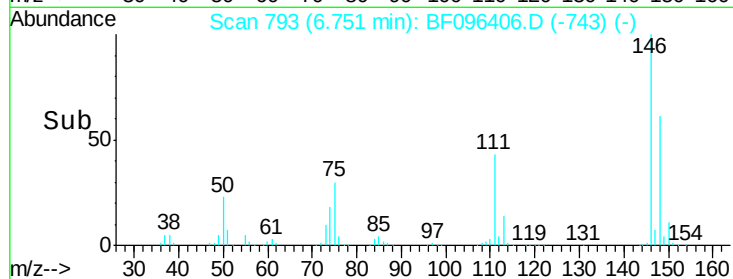
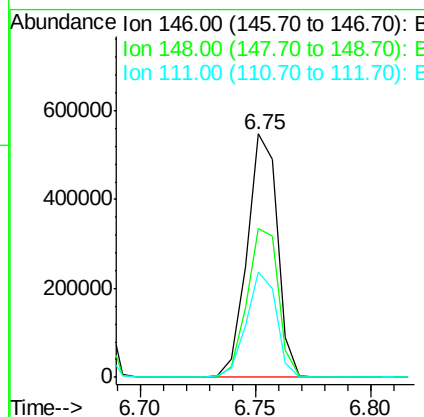
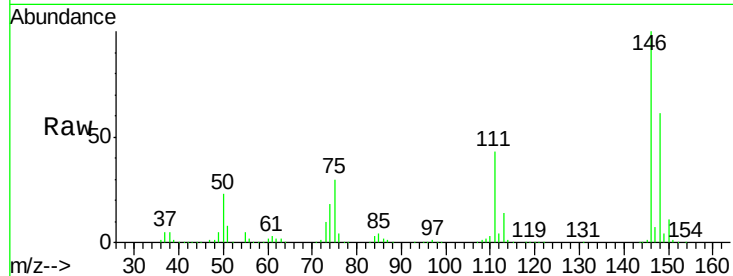
#13
 1,4-Dichlorobenzene
 Concen: 42.579 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	503855		
148	61.2	52.2	78.2	
111	43.4	30.3	45.5	

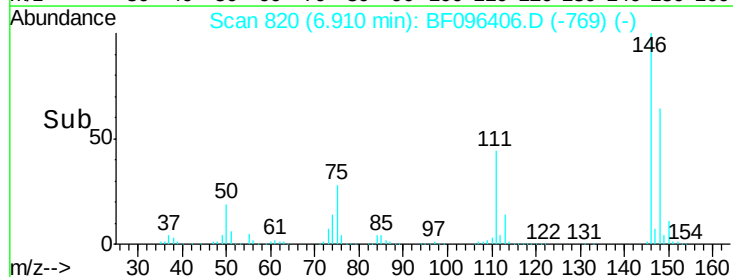
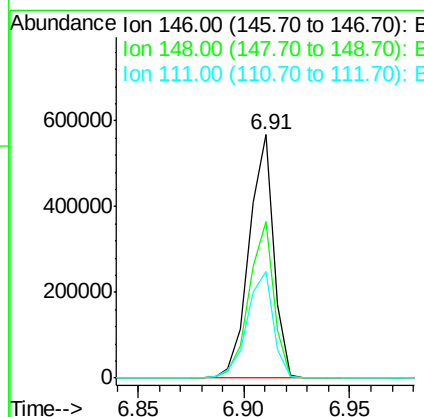
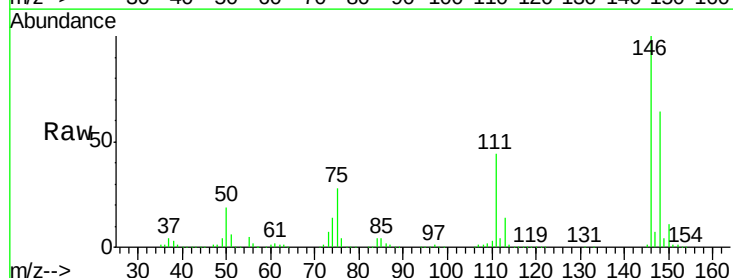
Manual Integrations
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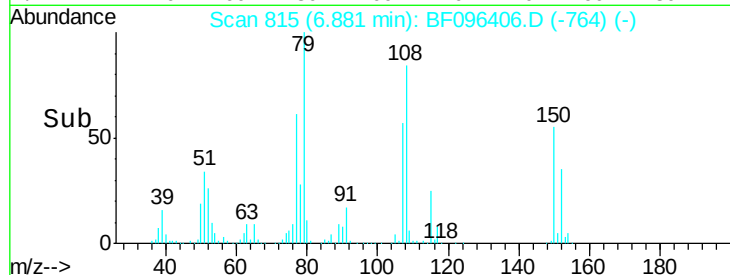
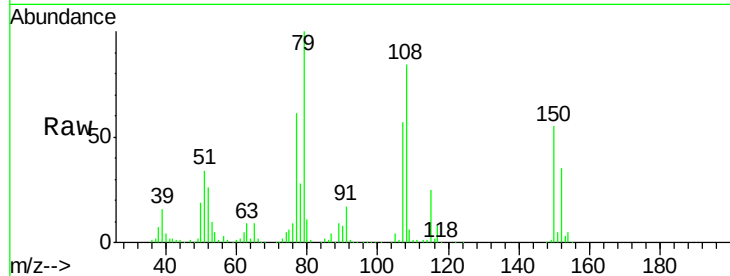
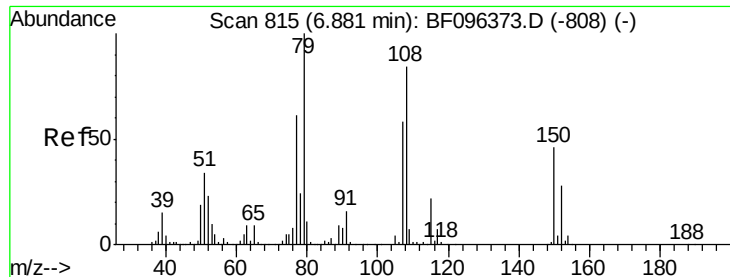
mohammad
 7/3/2017 4:07:20 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.167 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	458150		
148	64.4	50.4	75.6	
111	43.9	38.2	57.4	





#15

Benzyl Alcohol

Concen: 45.782 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Tgt Ion:	79	Resp:	398365
Ion Ratio	Lower	Upper	
79	100		
108	84.1	63.4	95.0
77	61.4	49.2	73.8

Instrument :

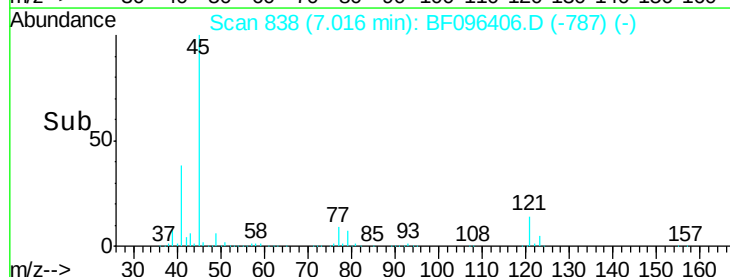
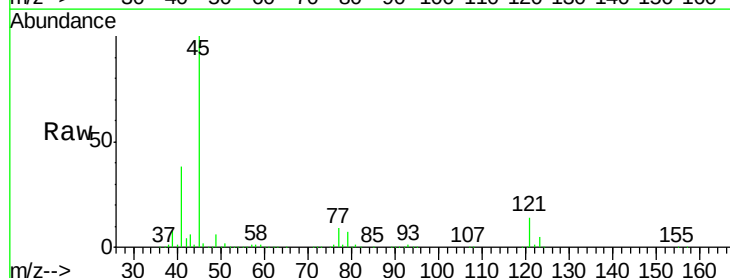
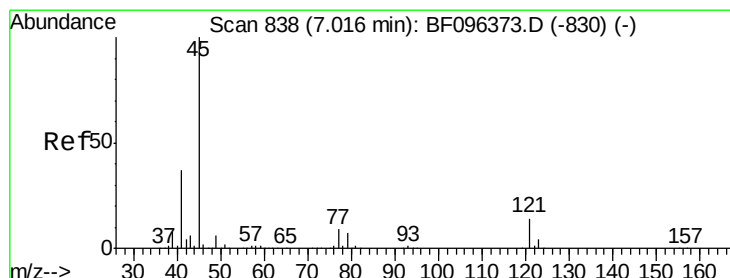
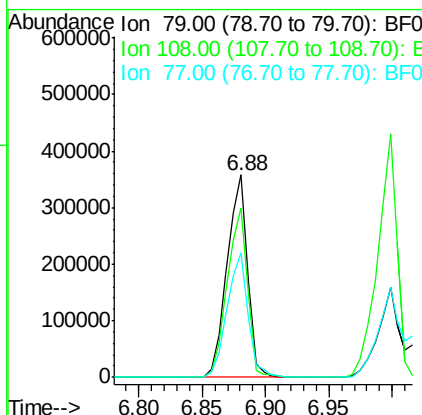
BNA_F

ClientSampleId :

PB100306BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.275 ng

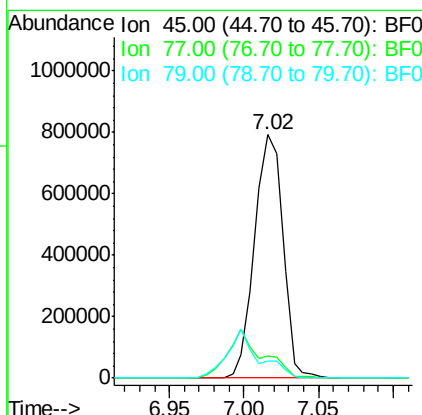
RT: 7.02 min Scan# 838

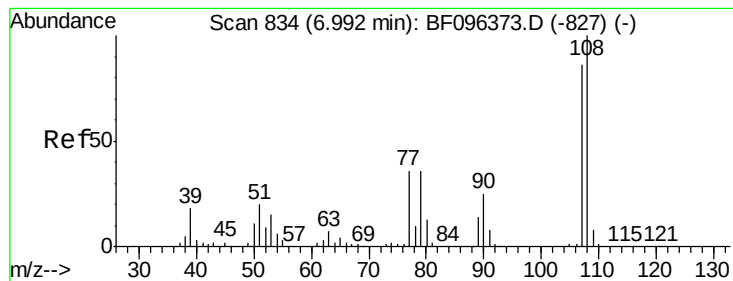
Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Tgt Ion:	45	Resp:	1031518
Ion Ratio	Lower	Upper	
45	100		
77	9.3	0.0	33.2
79	7.1	0.0	30.0





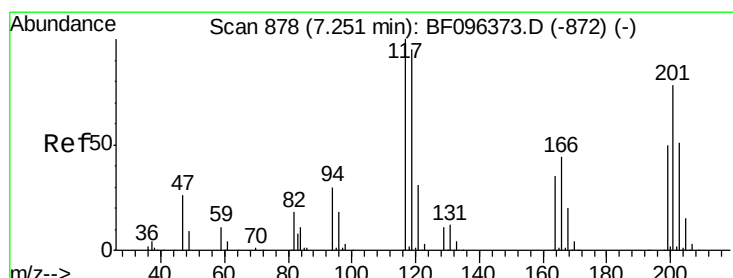
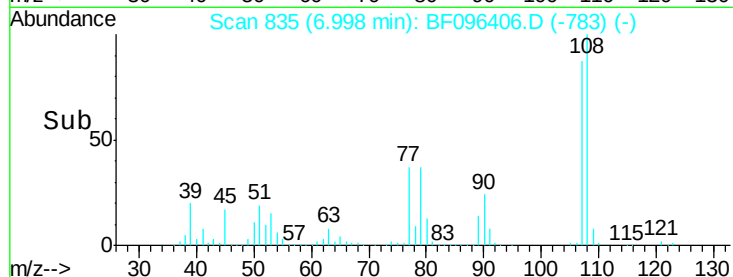
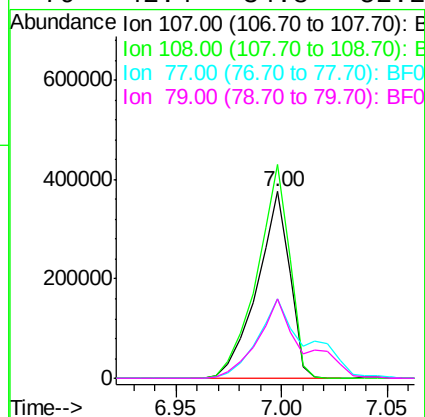
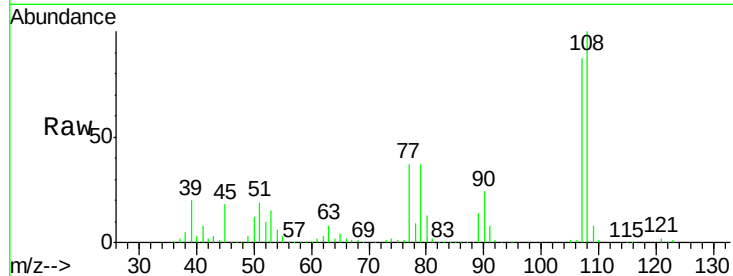
#17
2-Methylphenol
Concen: 45.018 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	405094		
108	114.4	93.4	140.0	
77	42.4	35.8	53.6	
79	42.4	34.8	52.2	

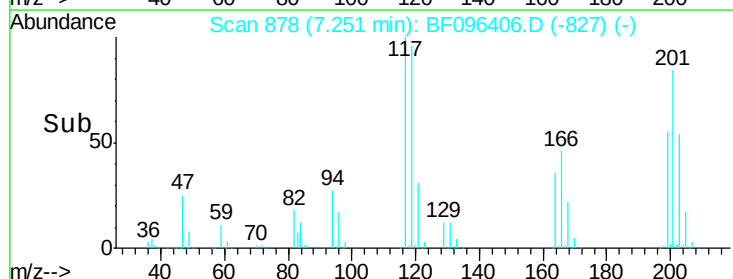
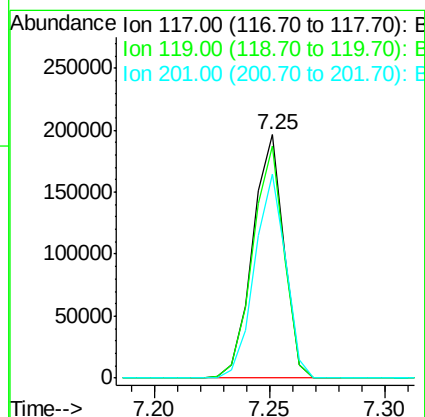
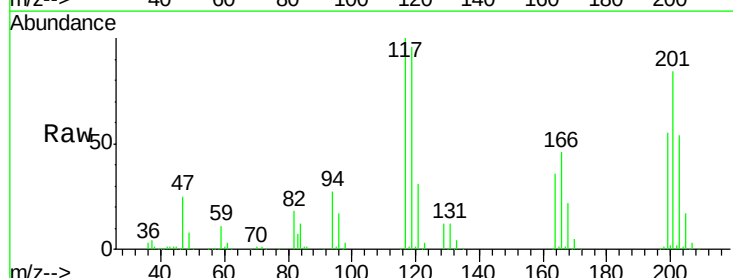
Manual Integrations
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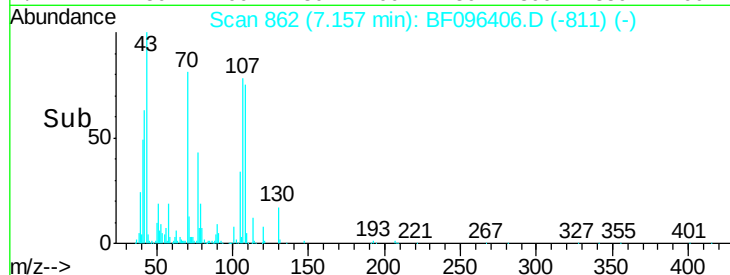
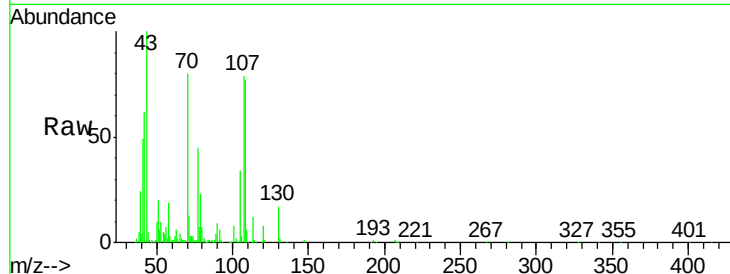
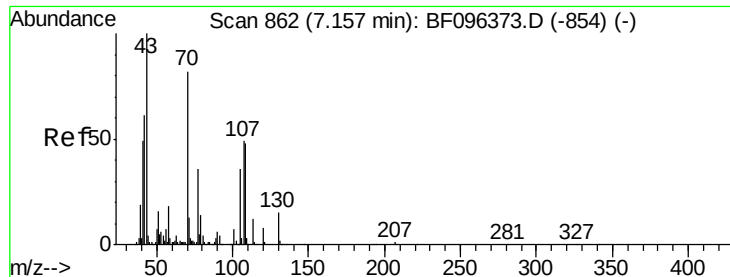
mohammad
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#18
Hexachloroethane
Concen: 43.270 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	185631		
119	95.6	77.4	116.0	
201	84.0	94.6	141.8#	





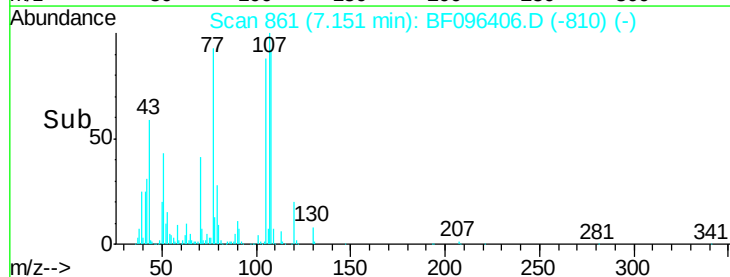
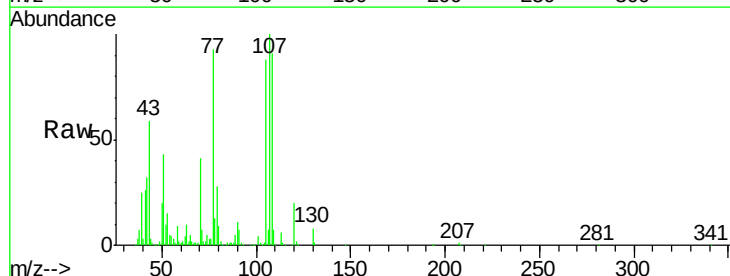
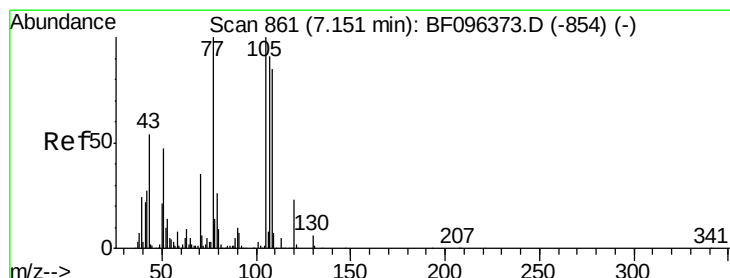
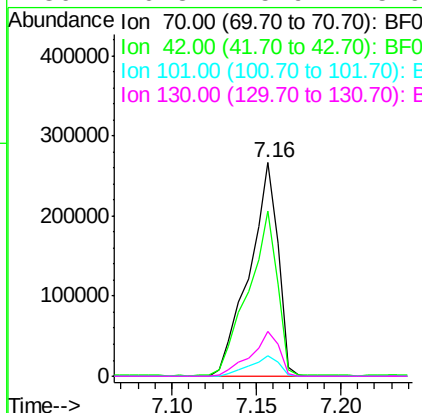
#19
n-Nitroso-di-n-propylamine
Concen: 40.945 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	77.5	47.2	70.8#
101	9.8	7.2	10.8
130	20.8	15.9	23.9

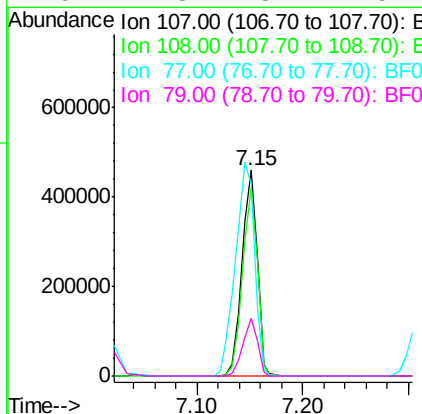
Manual Integrations
APPROVED

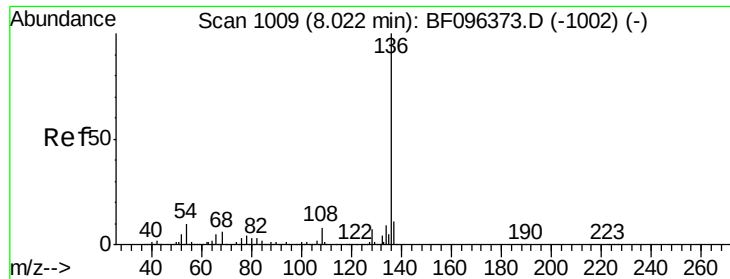
mohammad
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#20
3+4-Methylphenols
Concen: 44.756 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.0	111.0
77	93.4	90.5	130.5
79	27.8	8.4	48.4





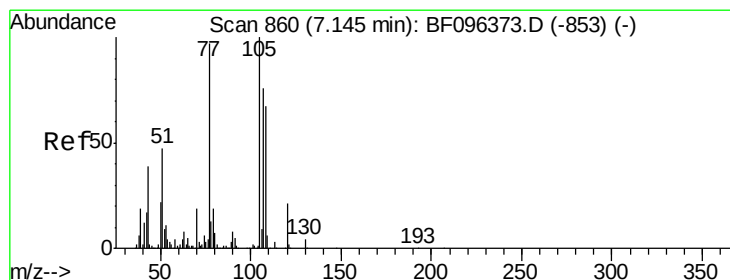
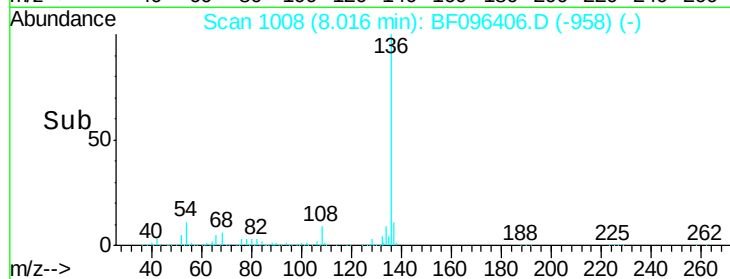
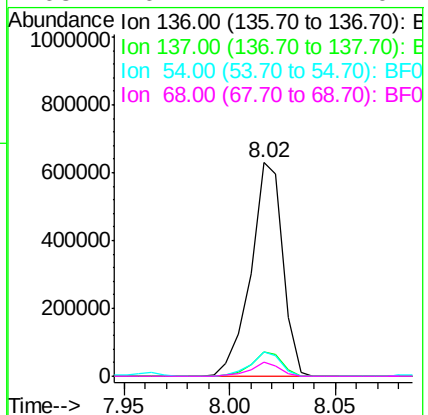
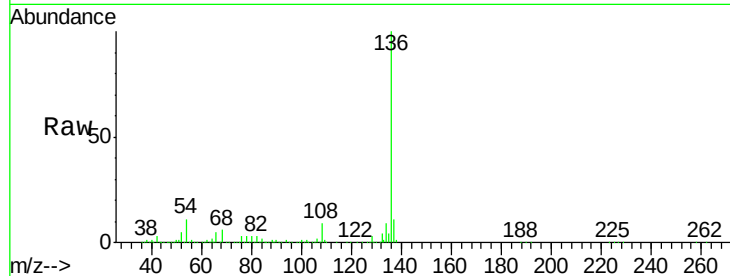
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	664015		
137	11.3	8.5	12.7	
54	11.2	4.9	7.3#	
68	6.4	4.1	6.1#	

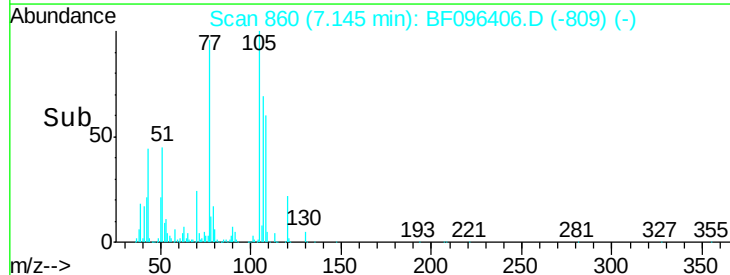
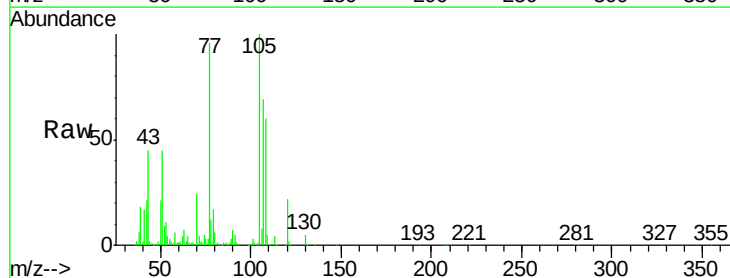
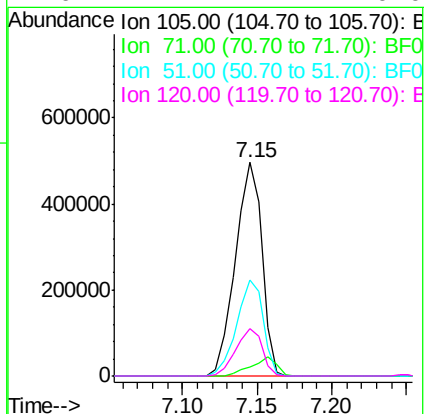
Manual Integrations
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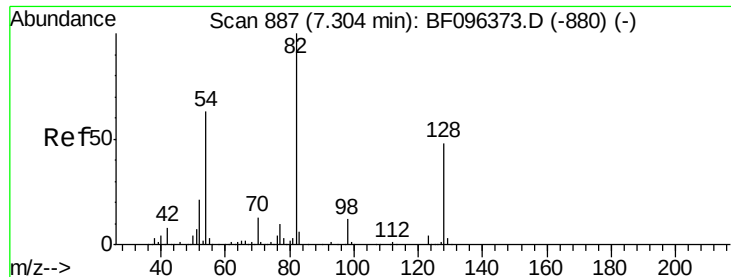
mohammad
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#22
Acetophenone
Concen: 42.597 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	618029		
71	4.2	2.8	4.2#	
51	45.1	30.7	46.1	
120	22.1	17.4	26.0	





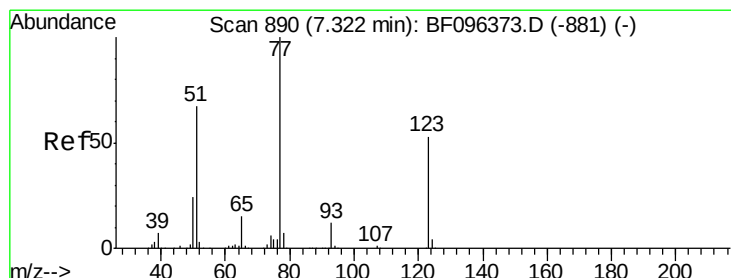
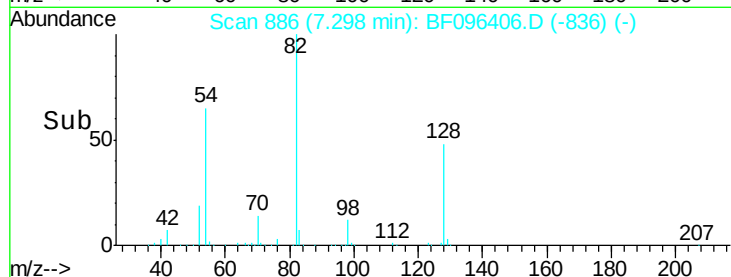
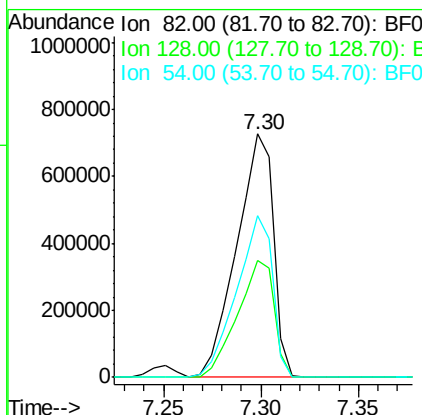
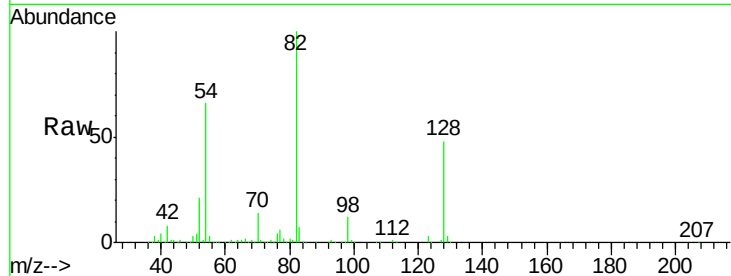
#23
Nitrobenzene-d5
Concen: 85.401 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	943693		
128	47.8	34.0	51.0	
54	66.3	42.2	63.2#	

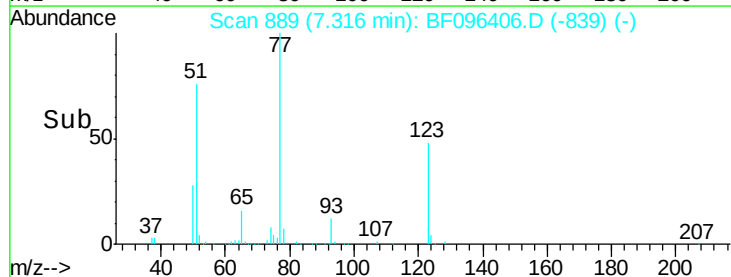
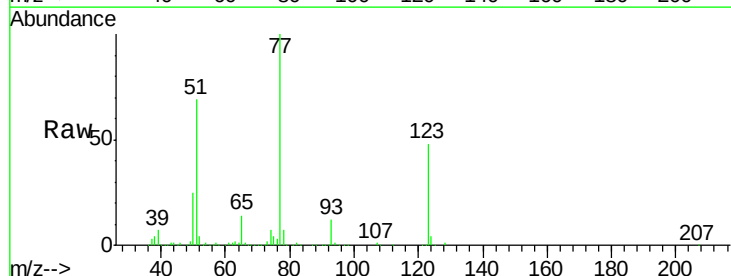
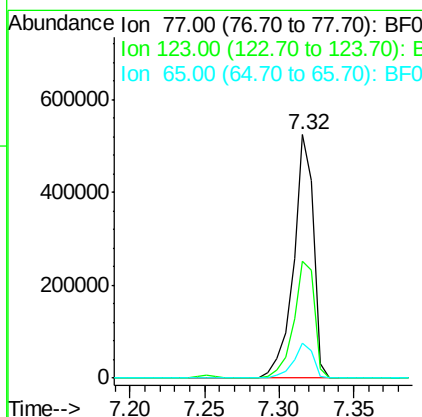
Manual Integrations
APPROVED

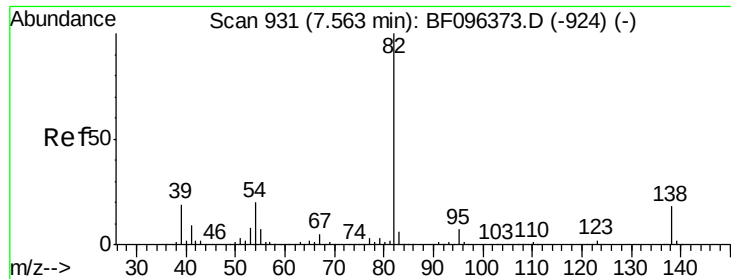
mohammad
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#24
Nitrobenzene
Concen: 42.550 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	493257		
123	47.9	35.8	53.8	
65	14.3	10.6	15.8	





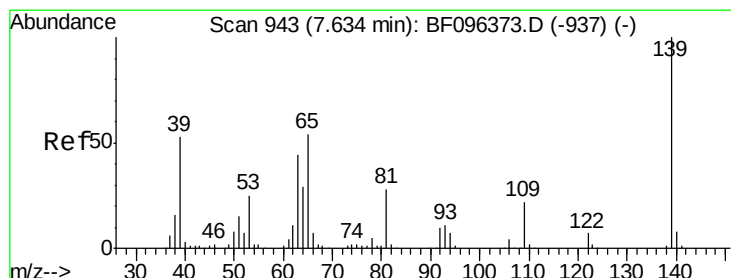
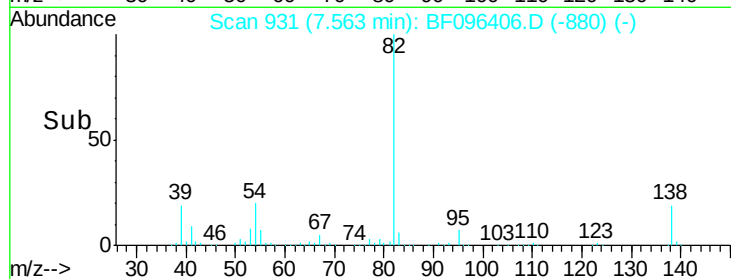
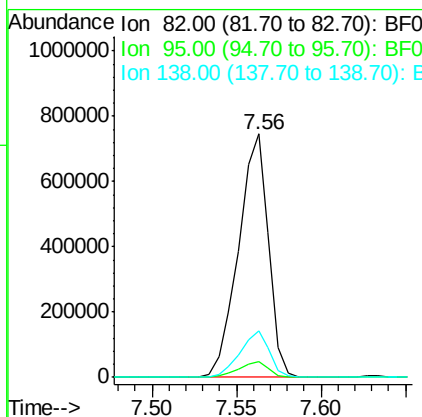
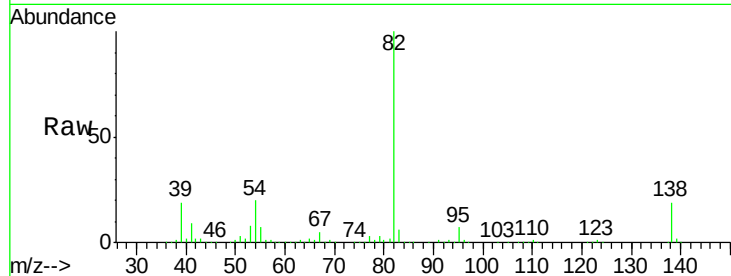
#25
Isophorone
Concen: 42.945 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	920114		
95	6.6	5.3	7.9	
138	19.2	13.1	19.7	

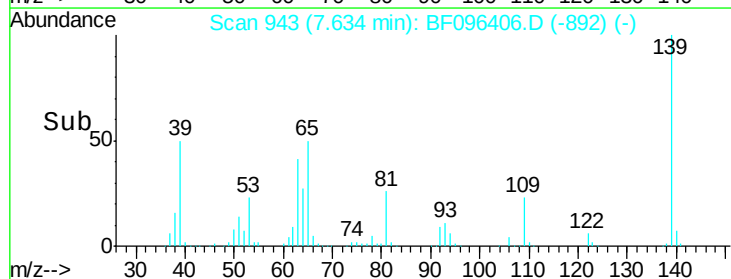
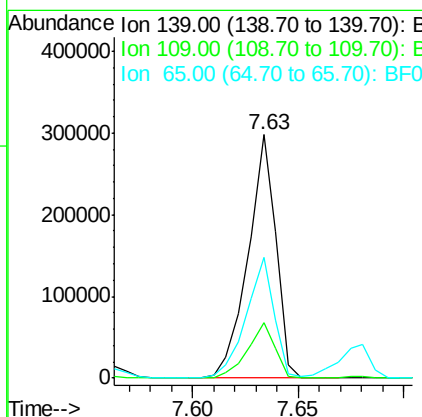
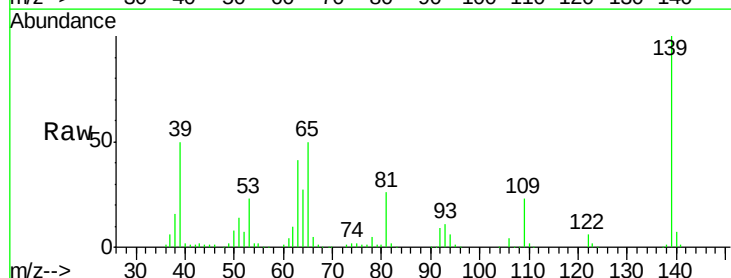
Manual Integrations
APPROVED

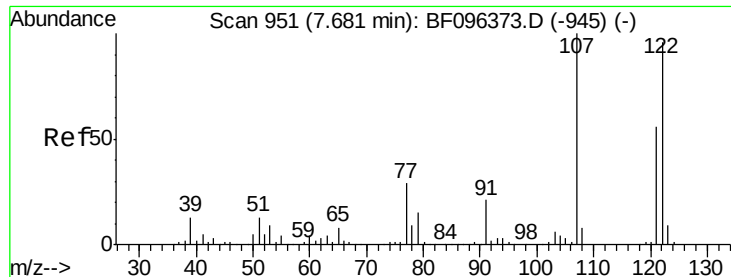
mohammad
7/3/2017 4:07:20 PM



#26
2-Nitrophenol
Concen: 44.652 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	273975		
109	22.6	21.0	31.6	
65	49.8	33.0	49.6	





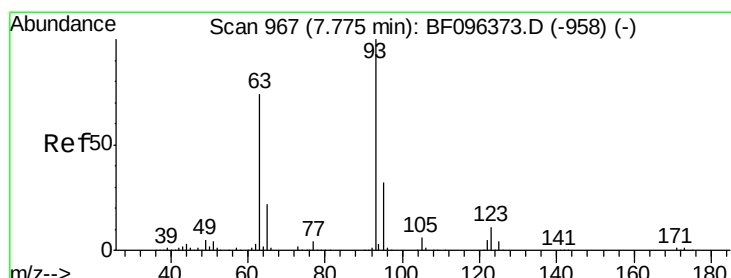
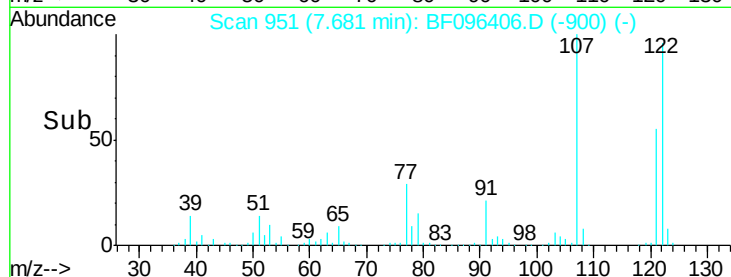
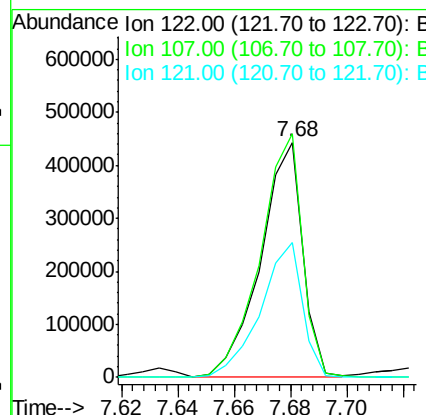
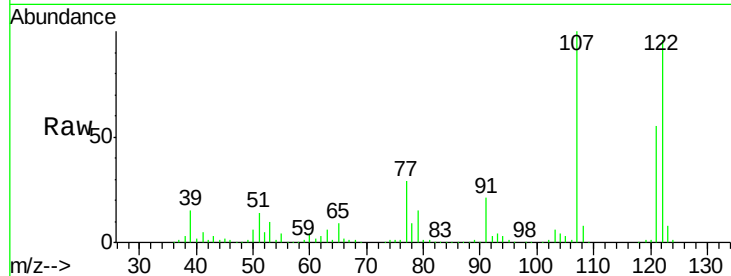
#27
 2,4-Dimethylphenol
 Concen: 43.939 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	459054		
107	103.8	89.2	133.8	
121	57.5	45.2	67.8	

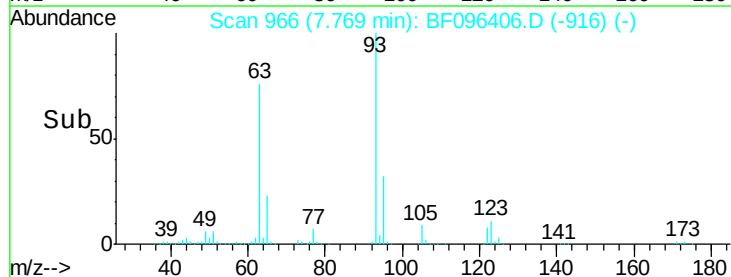
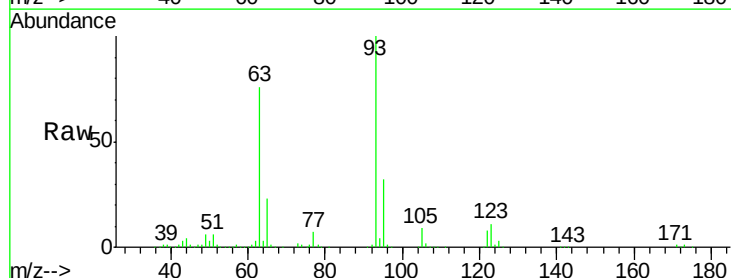
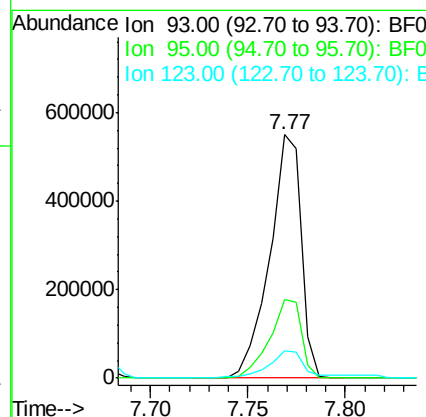
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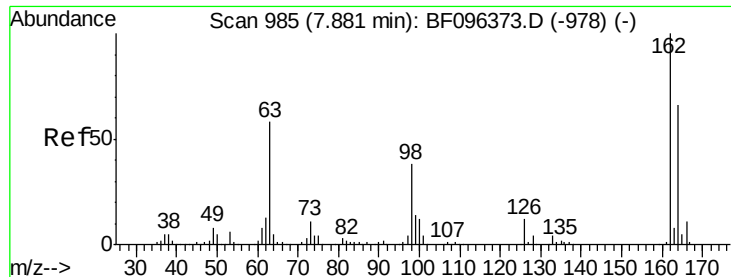
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.424 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	614159		
95	32.4	26.5	39.7	
123	11.2	9.0	13.4	





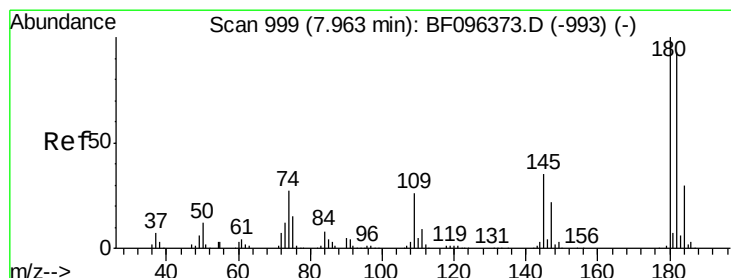
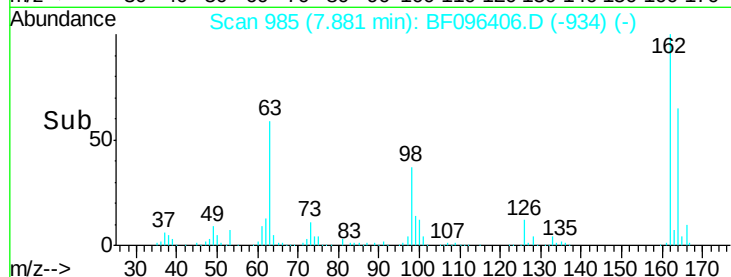
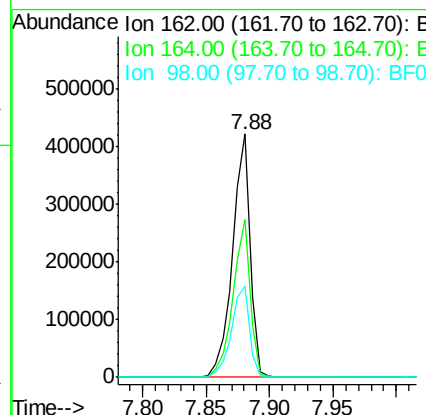
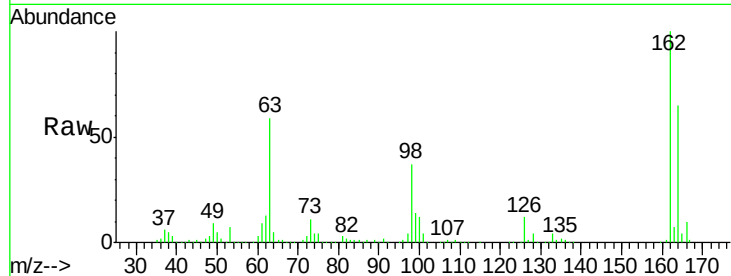
#29
 2,4-Dichlorophenol
 Concen: 44.968 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	405336		
164	65.1	44.6	84.6	
98	37.3	14.8	54.8	

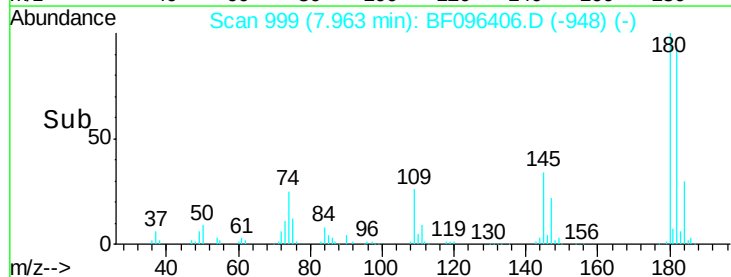
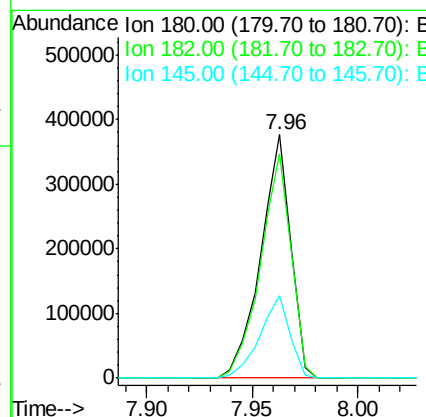
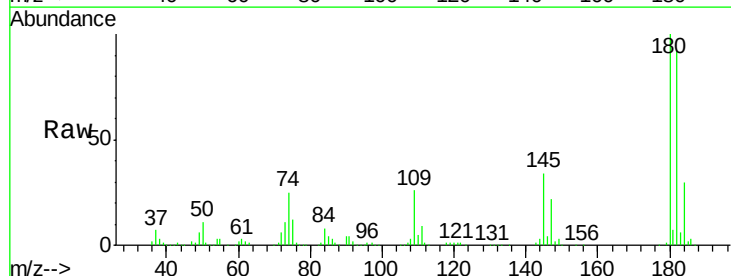
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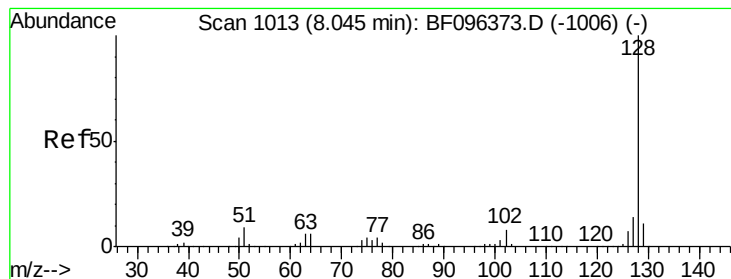
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.792 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	372361		
182	92.2	75.8	113.6	
145	33.8	25.3	37.9	





#31

Naphthalene

Concen: 43.838 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

PB100306BS

Tgt Ion:128 Resp: 1374208

Ion Ratio Lower Upper

128 100

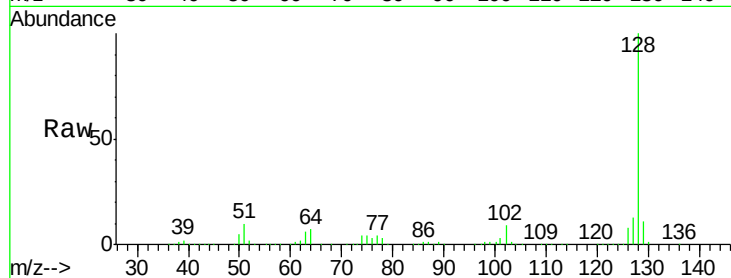
129 11.3 9.0 13.6

127 13.5 10.8 16.2

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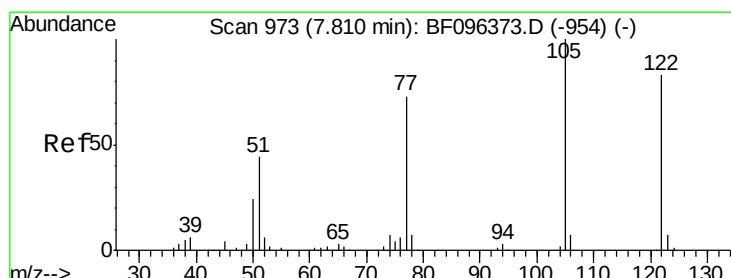
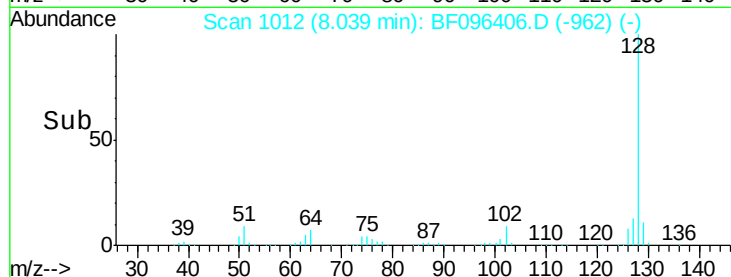
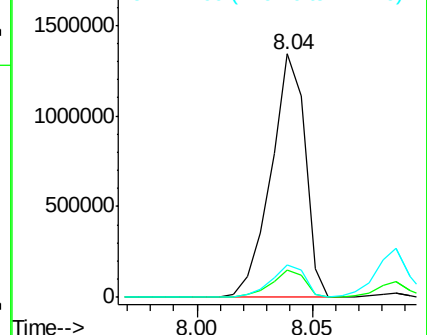
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.752 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

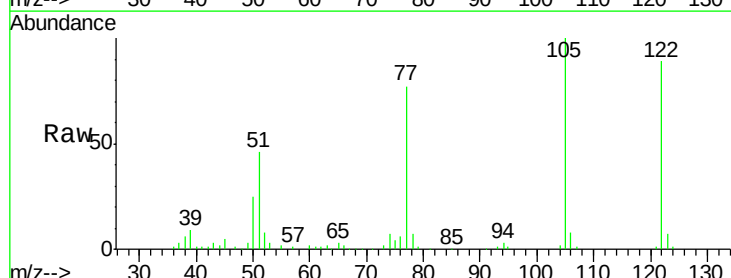
Tgt Ion:122 Resp: 322472

Ion Ratio Lower Upper

122 100

105 112.3 103.3 143.3

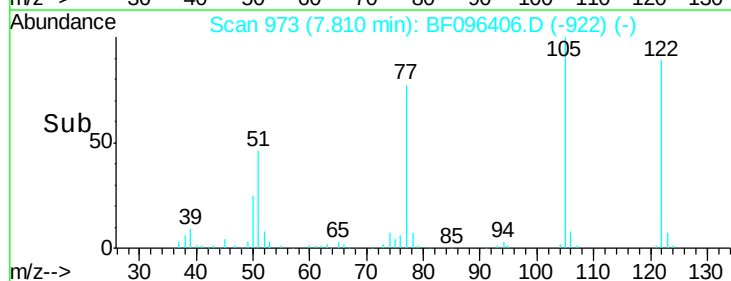
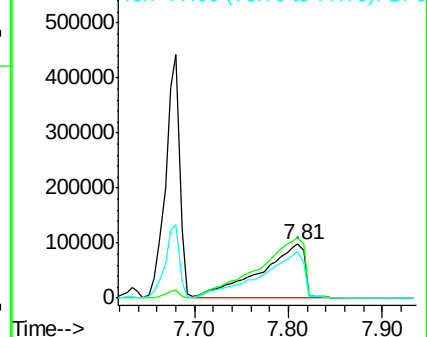
77 86.7 73.7 113.7

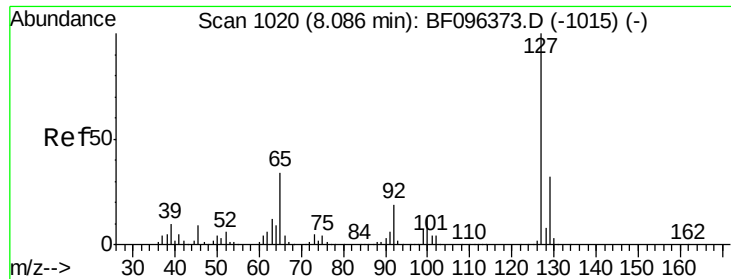


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





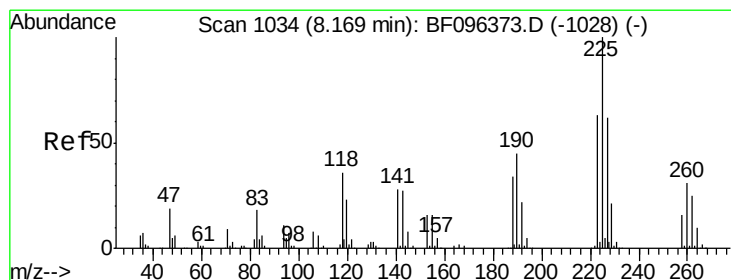
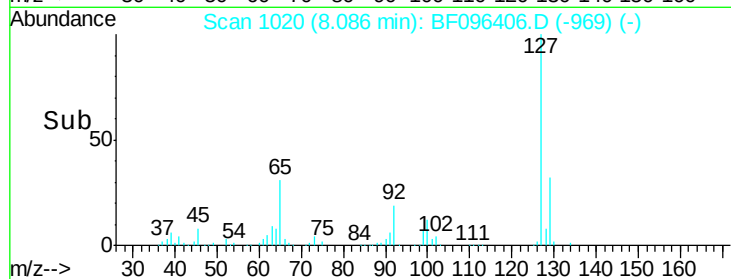
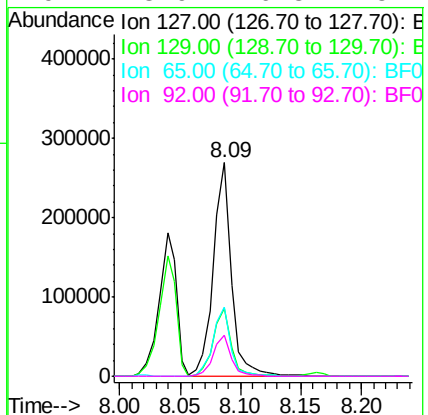
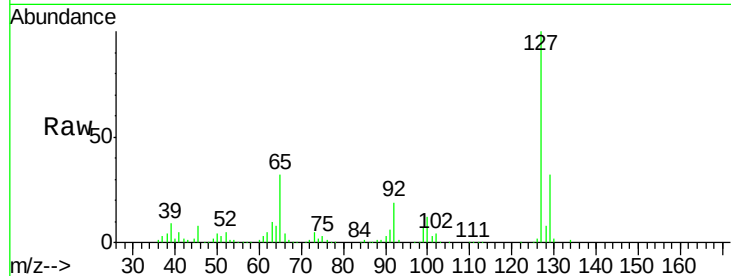
#33
4-Chloroaniline
Concen: 21.123 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	275036		
129	32.0	26.2	39.2	
65	32.4	27.8	41.8	
92	18.9	16.8	25.2	

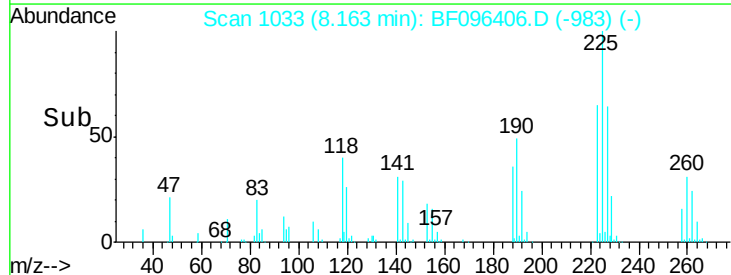
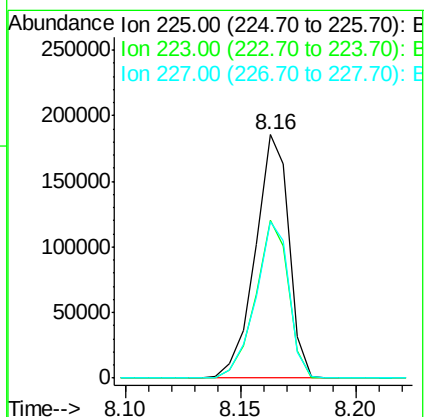
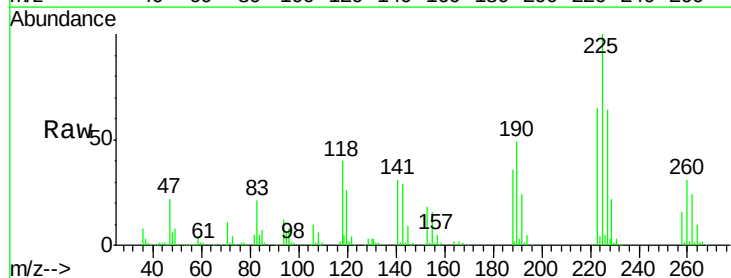
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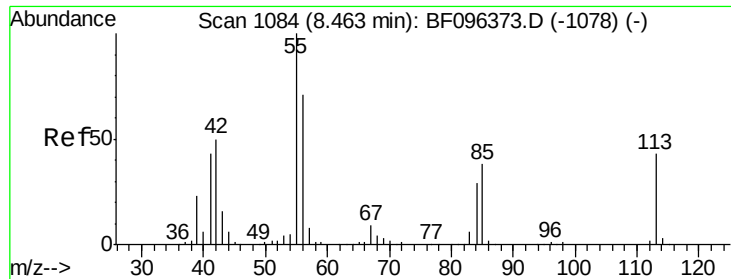
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#34
Hexachlorobutadiene
Concen: 43.013 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	187586		
223	64.8	48.8	73.2	
227	64.1	51.1	76.7	





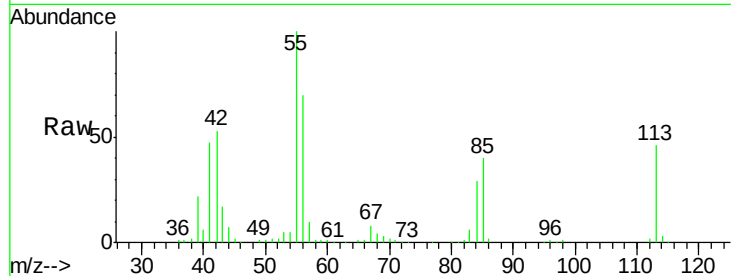
#35
 Caprolactam
 Concen: 44.402 ng m
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

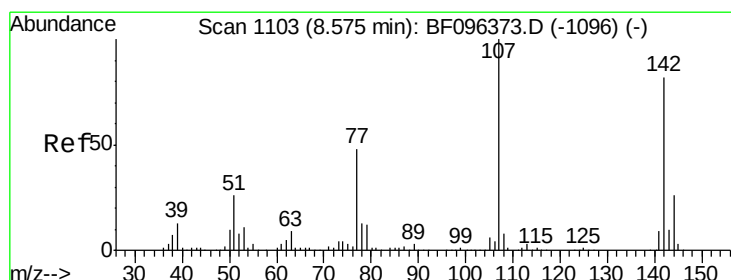
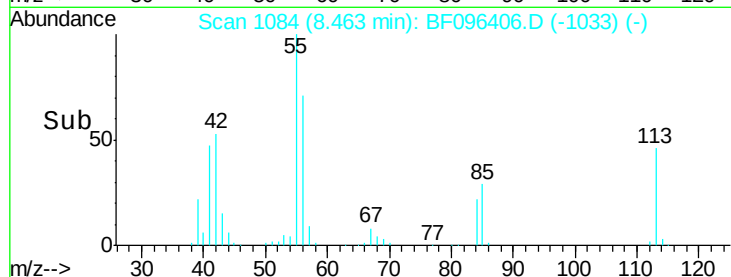
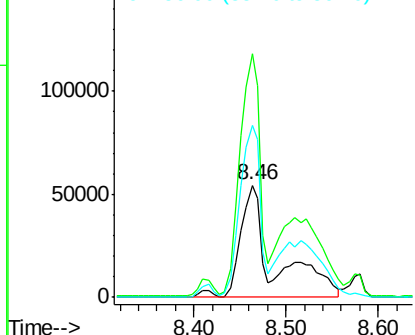
Tgt Ion:113 Resp: 138015
 Ion Ratio Lower Upper
 113 100
 55 216.8 150.2 190.2#
 56 152.6 107.8 147.8#

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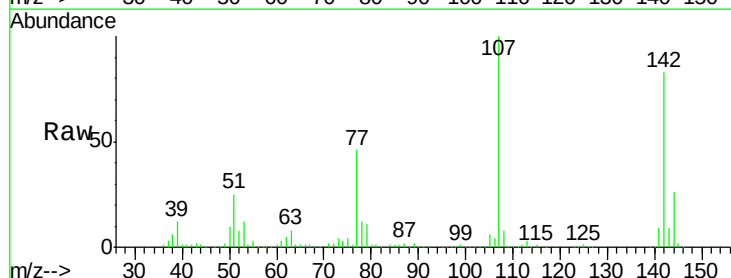


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

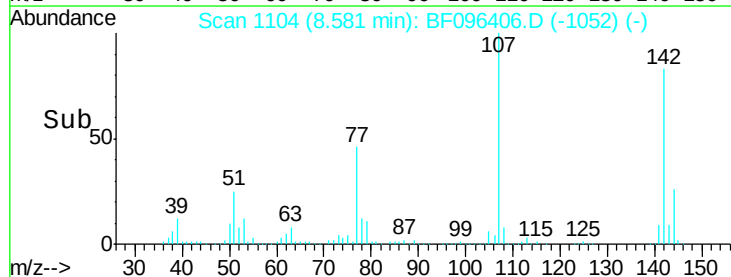
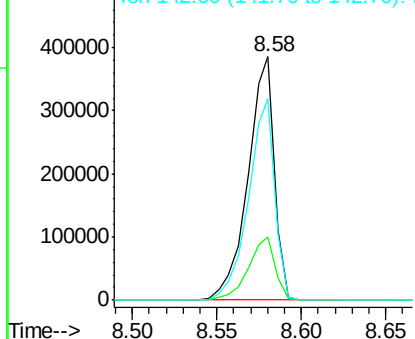


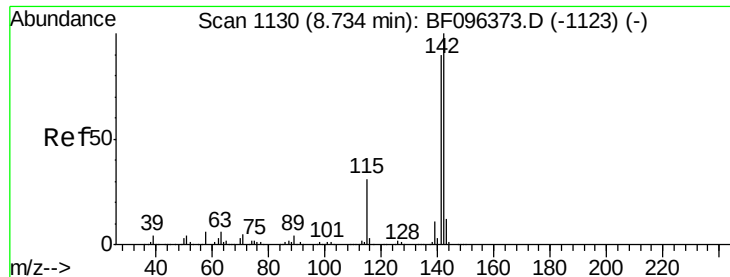
#36
 4-Chloro-3-methylphenol
 Concen: 42.278 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion:107 Resp: 421678
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 82.9 73.4 110.0



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





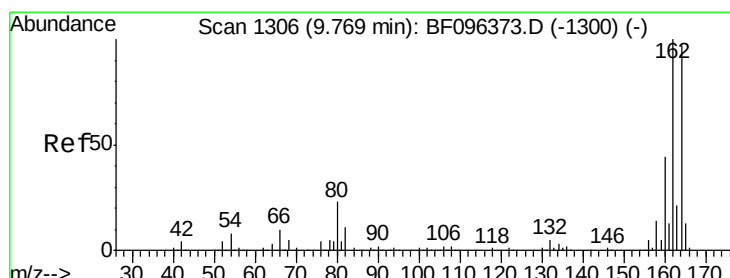
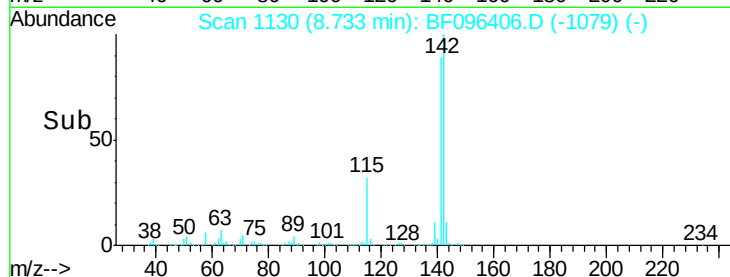
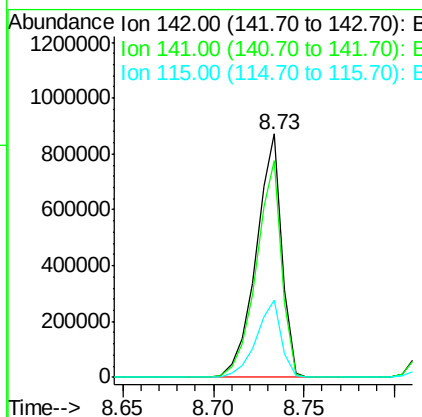
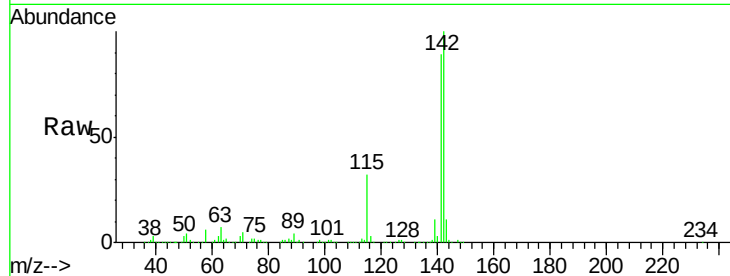
#37
 2-Methylnaphthalene
 Concen: 42.682 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	31.6	27.1	40.7

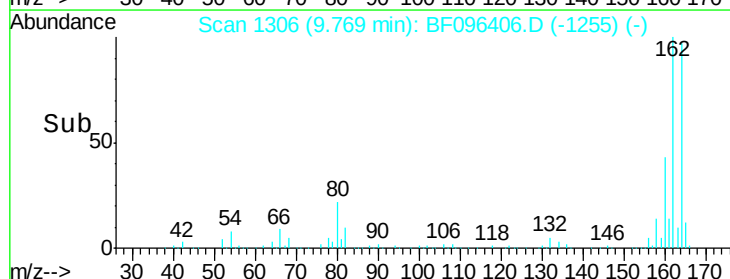
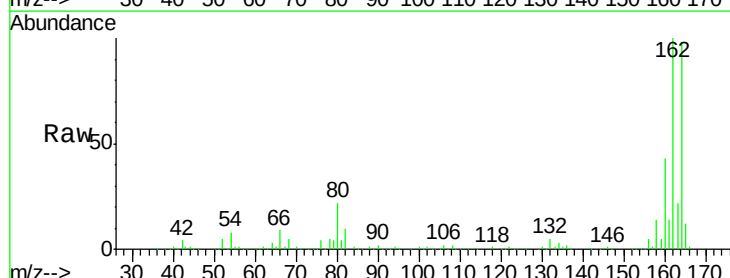
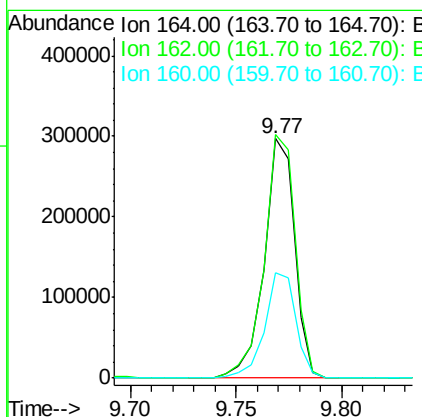
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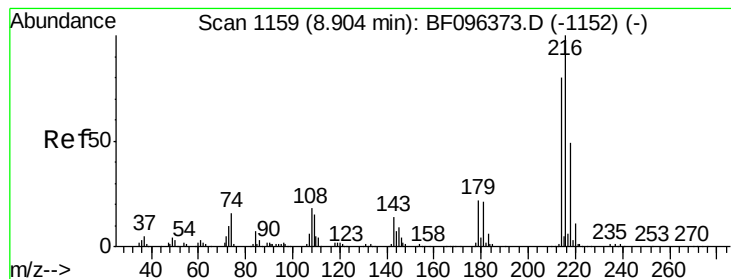
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.689 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF096406.D

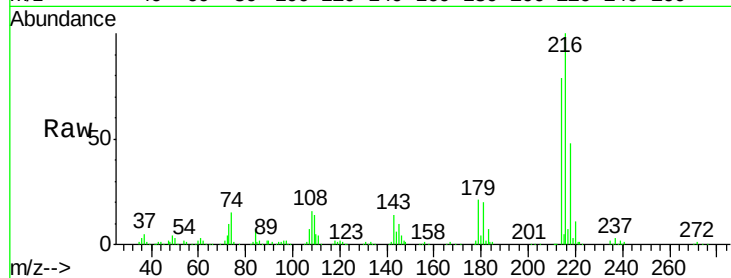
Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

PB100306BS



Tgt Ion: 216 Resp: 276346

Ion Ratio Lower Upper

216 100

214 81.1 63.4 95.2

179 22.5 17.9 26.9

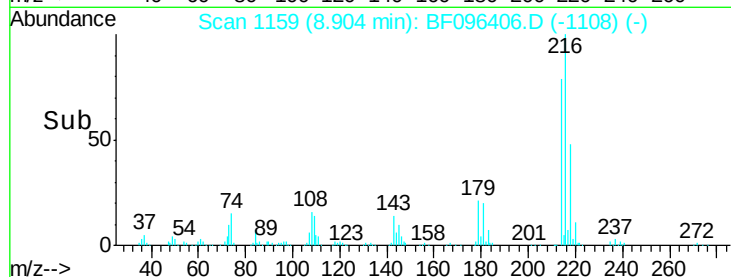
108 23.4 16.5 24.7

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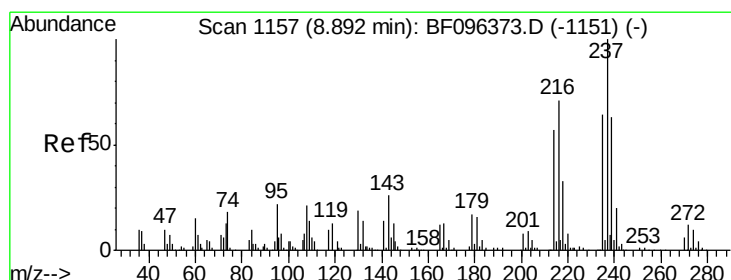
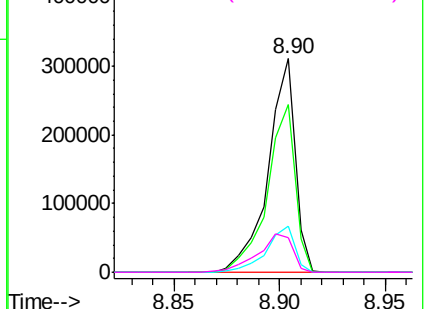


Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.393 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

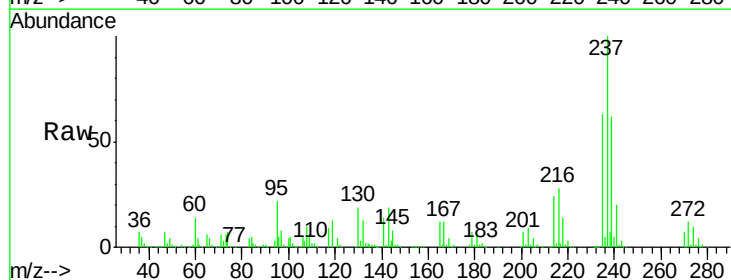
Tgt Ion: 237 Resp: 351622

Ion Ratio Lower Upper

237 100

235 62.6 42.6 82.6

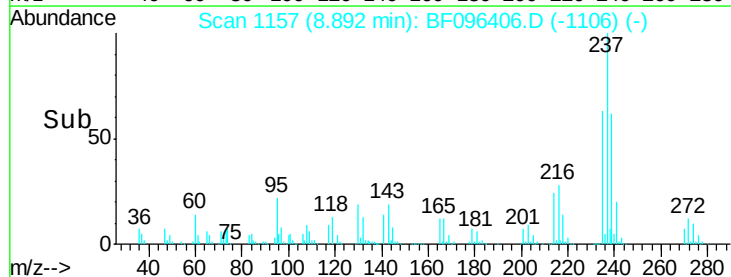
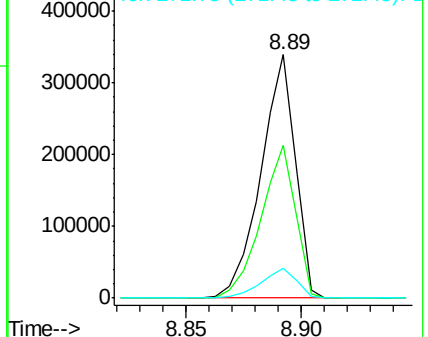
272 12.4 0.0 31.9

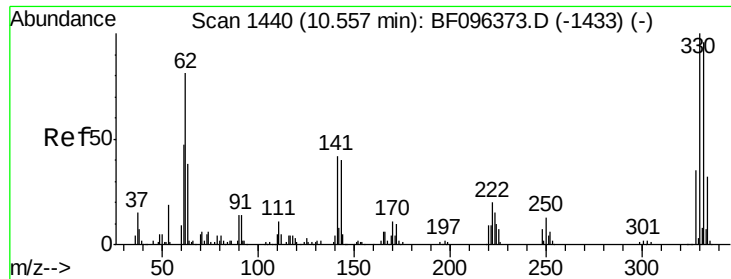


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





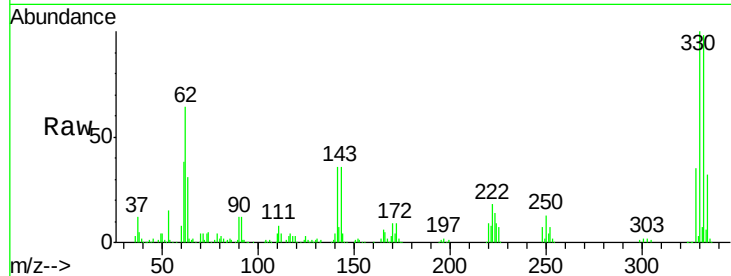
#41
 2,4,6-Tribromophenol
 Concen: 122.397 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

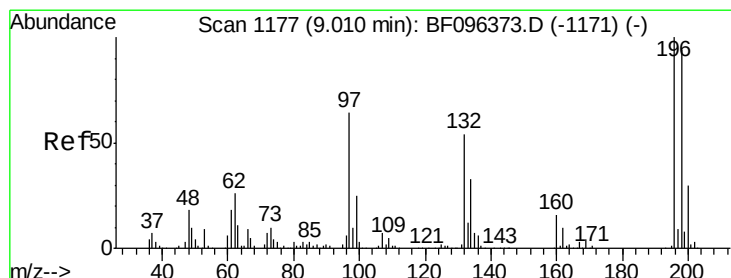
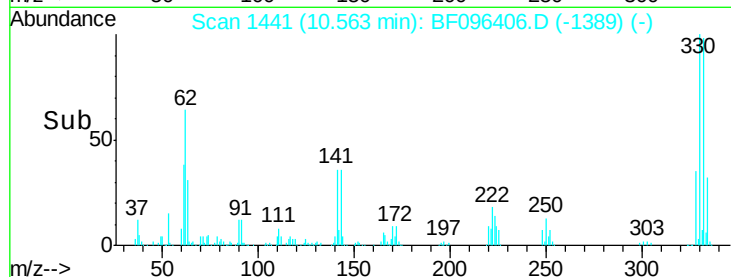
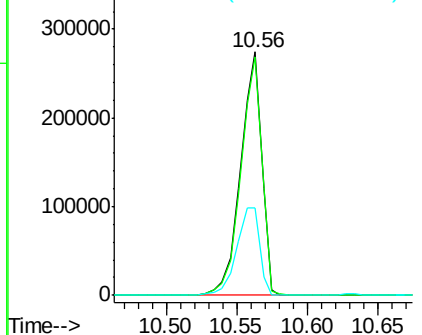
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	285113		
332	97.6	76.6	115.0	
141	39.3	31.4	47.2	

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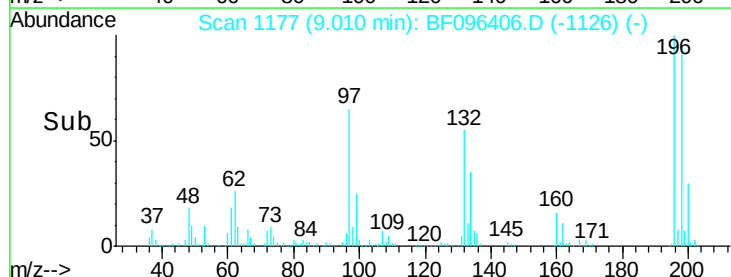
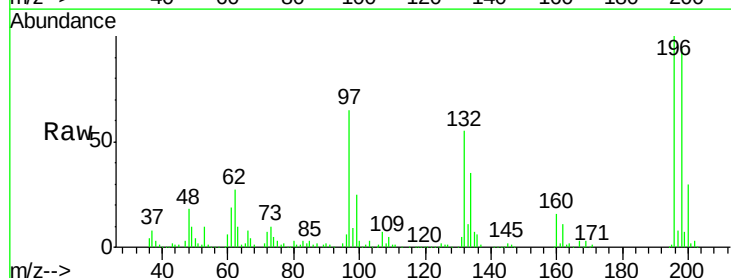
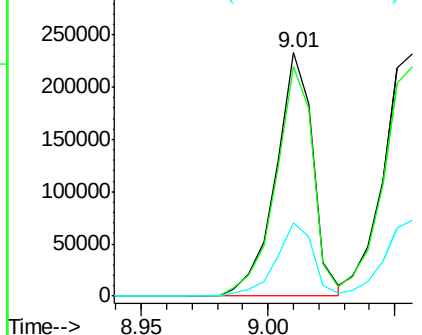
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

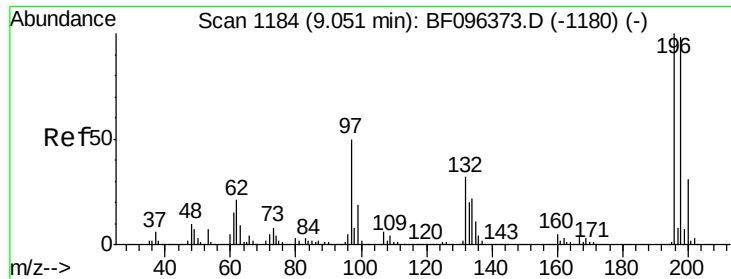


#42
 2,4,6-Trichlorophenol
 Concen: 38.576 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	236298		
198	94.4	74.2	111.4	
200	30.0	24.0	36.0	

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





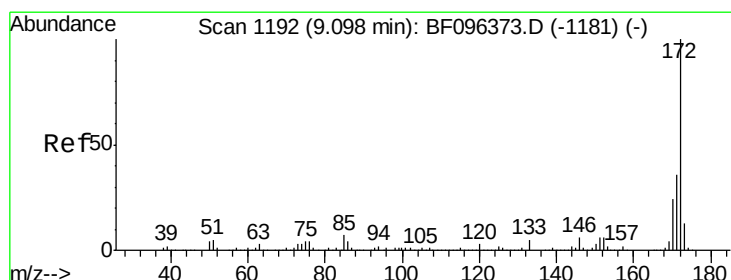
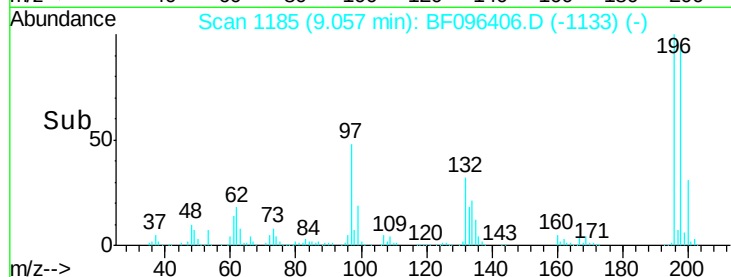
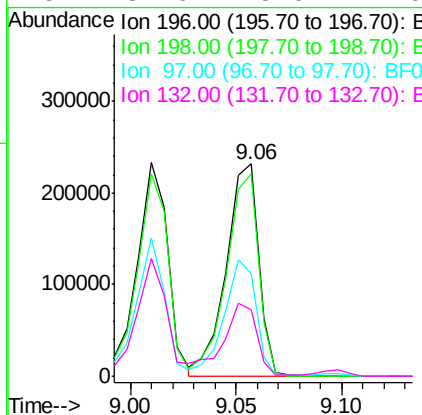
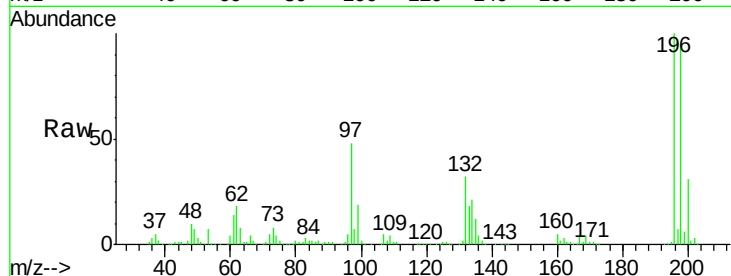
#43
 2,4,5-Trichlorophenol
 Concen: 40.563 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245671		
198	95.2	75.7	113.5	
97	48.3	47.7	71.5	
132	31.6	28.0	42.0	

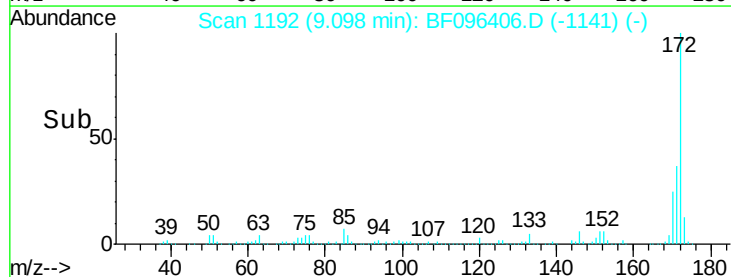
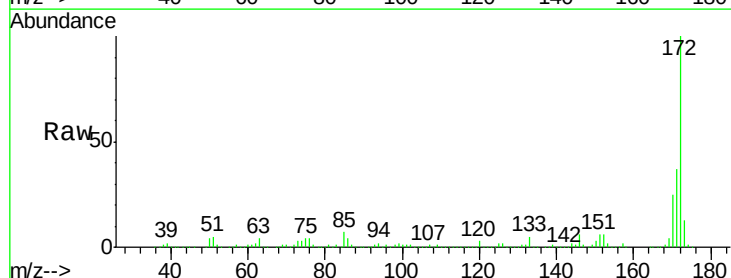
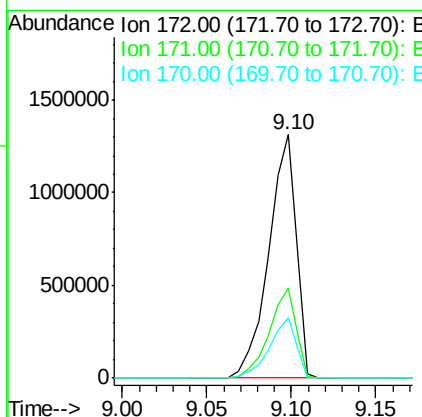
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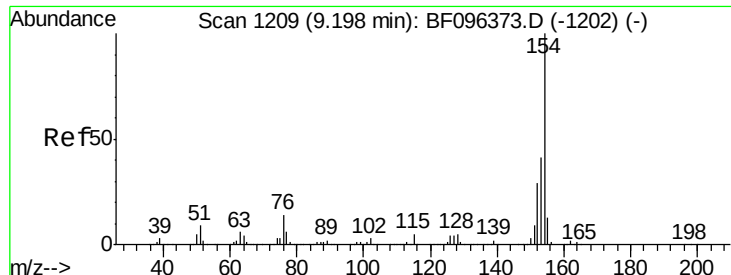
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#44
 2-Fluorobiphenyl
 Concen: 84.520 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1474179		
171	37.0	29.6	44.4	
170	24.8	19.8	29.8	





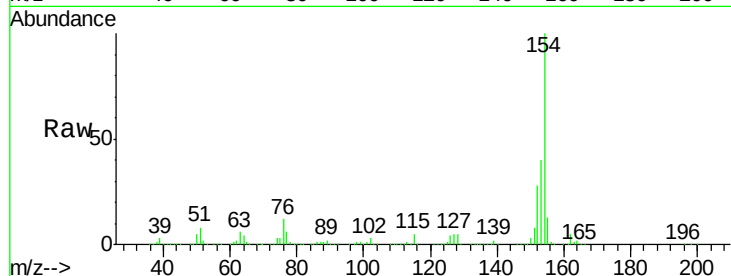
#45
 1,1'-Biphenyl
 Concen: 39.081 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

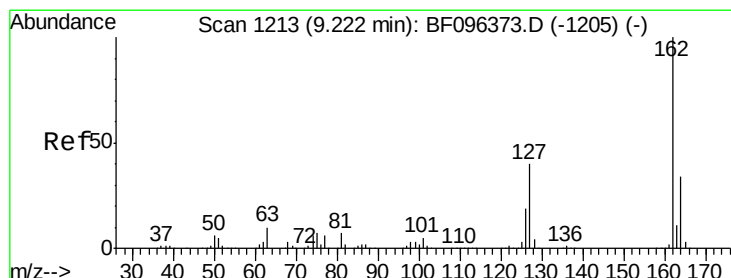
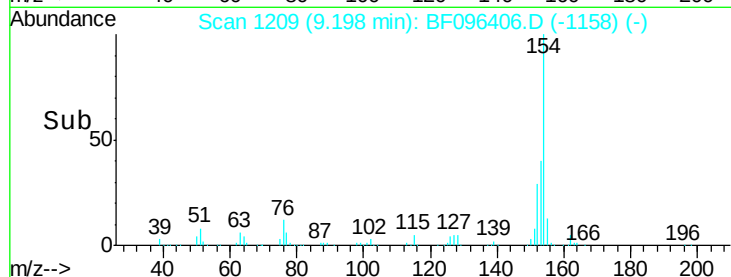
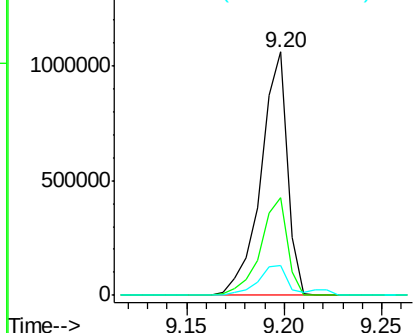
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.2	21.2	61.2
76	12.4	0.0	29.9

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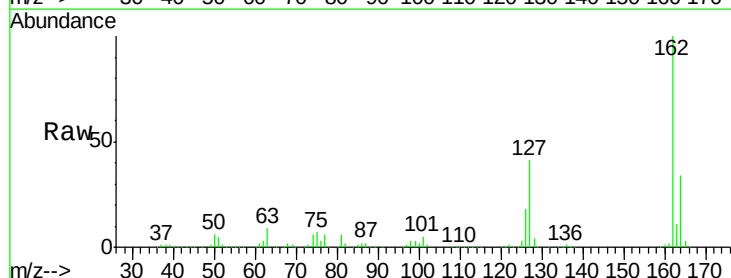


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

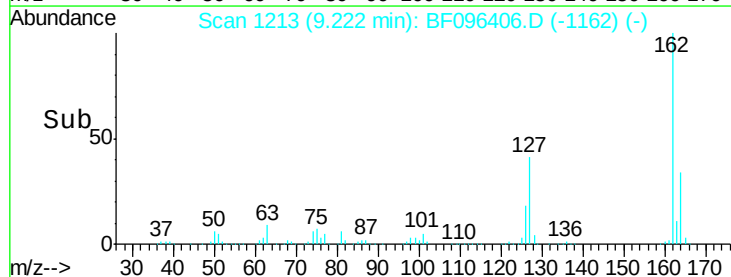
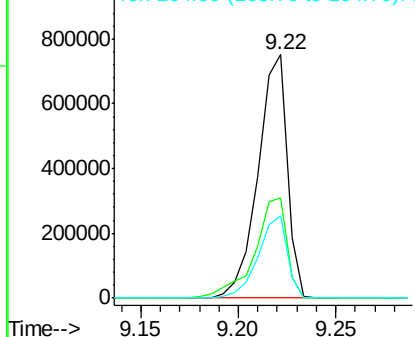


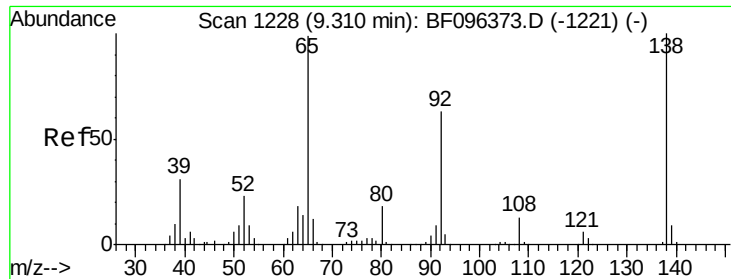
#46
 2-Chloronaphthalene
 Concen: 41.081 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	41.0	28.3	42.5
164	34.0	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





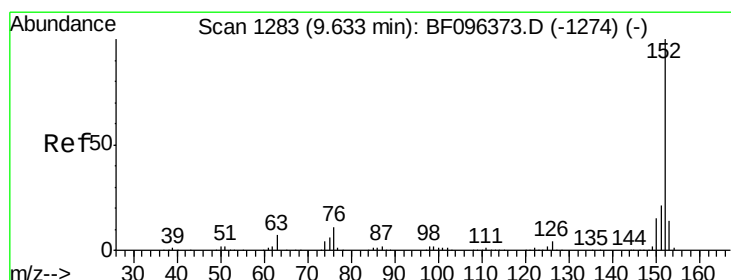
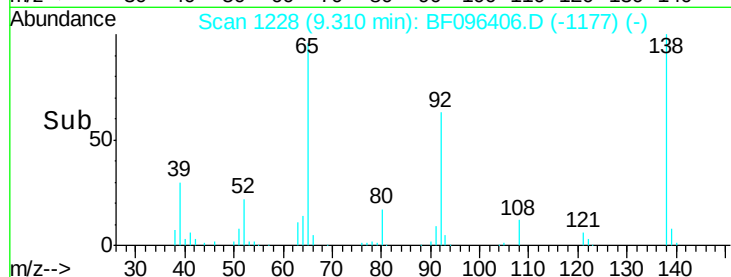
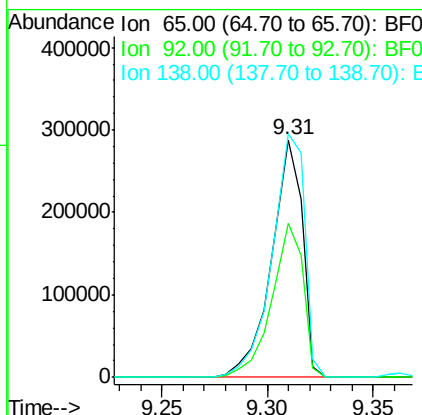
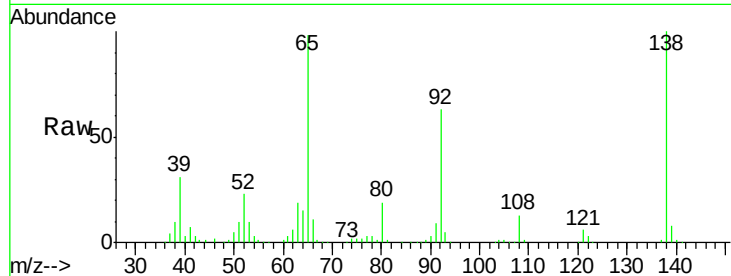
#47
2-Nitroaniline
Concen: 42.365 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.9	80.9
138	102.4	78.8	118.2

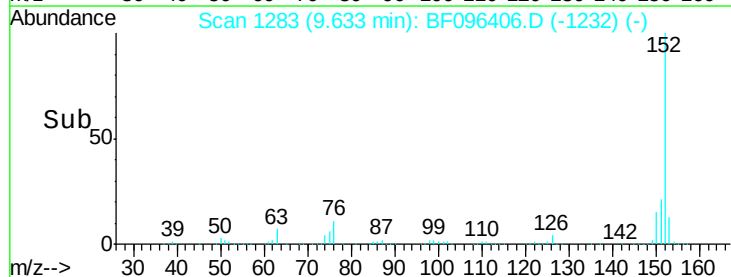
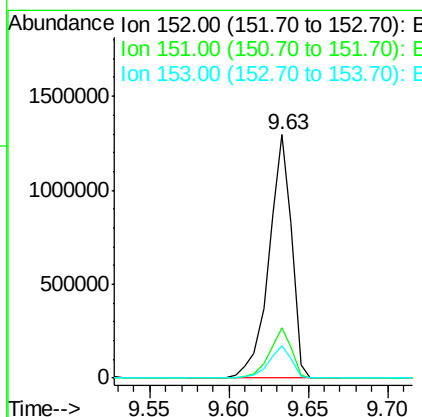
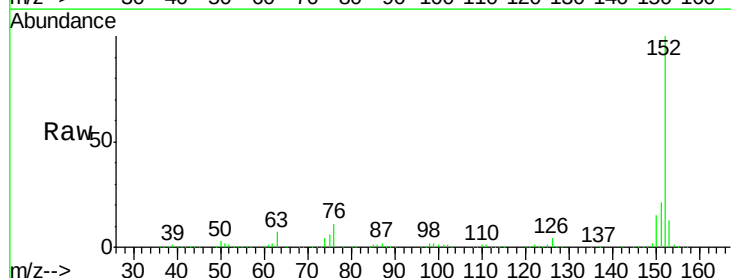
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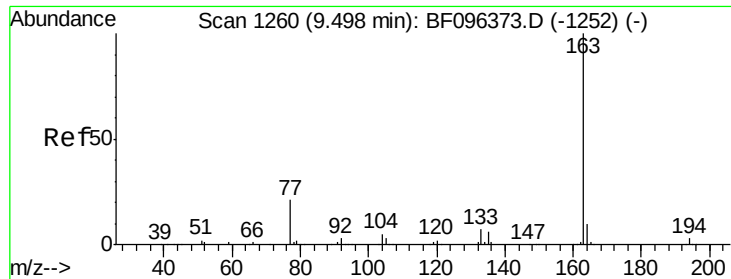
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#48
Acenaphthylene
Concen: 42.708 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.1	10.8	16.2





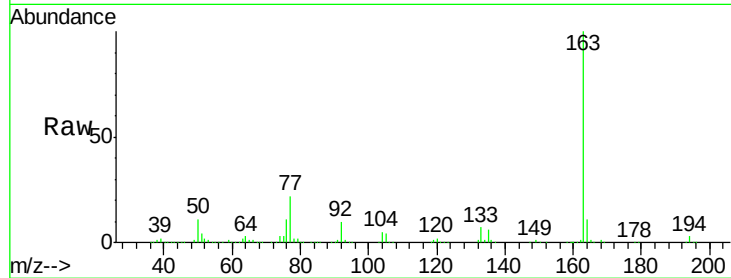
#49
Dimethylphthalate
Concen: 42.136 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

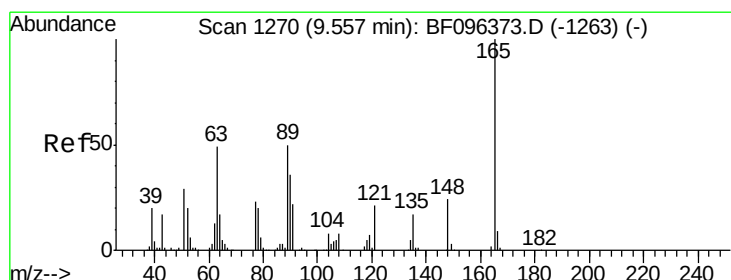
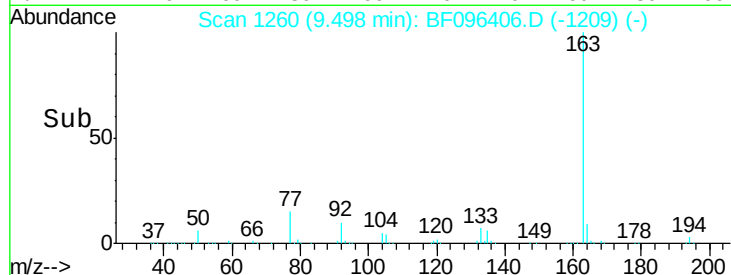
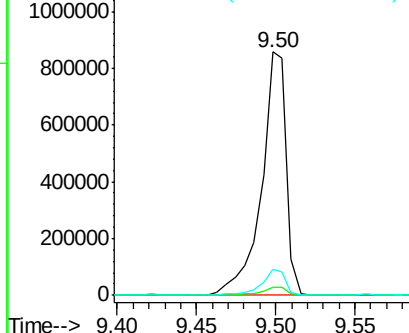
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	10.9	8.4	12.6

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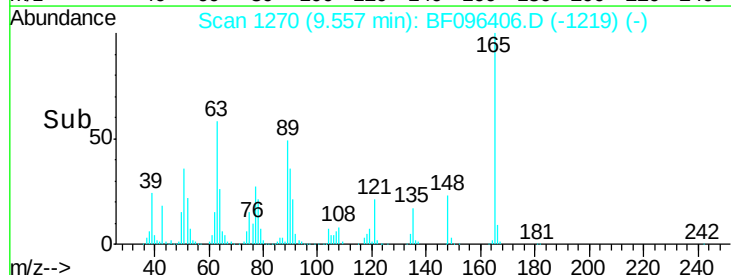
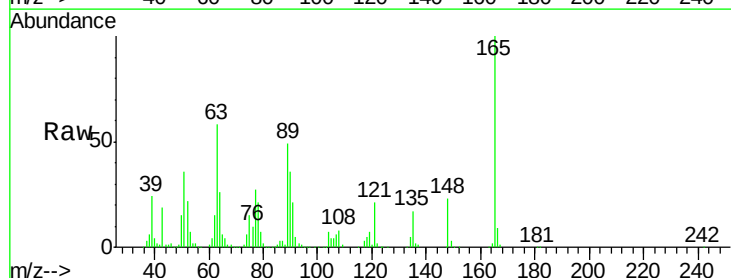
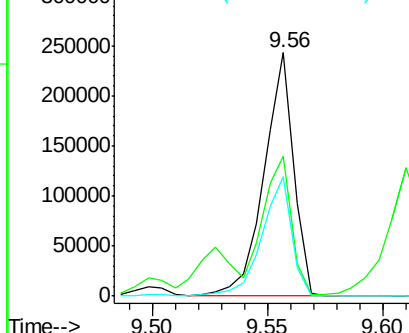
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

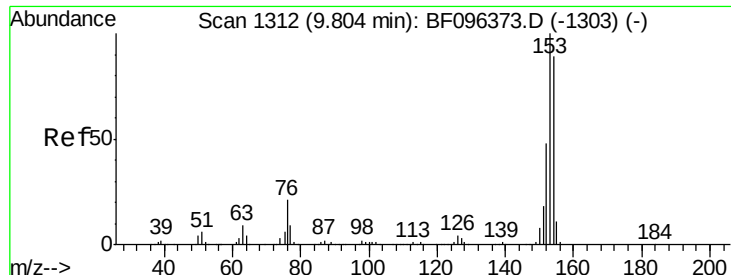


#50
2,6-Dinitrotoluene
Concen: 44.192 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	57.7	34.3	51.5#
89	49.3	37.1	55.7

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.109 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

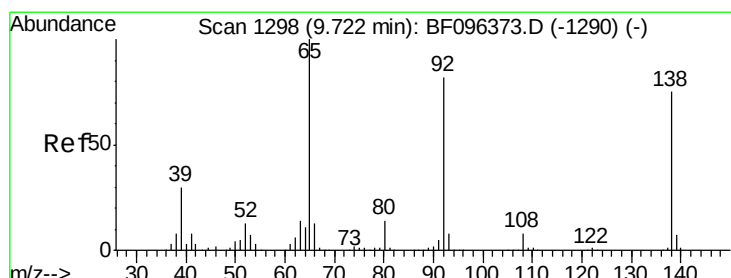
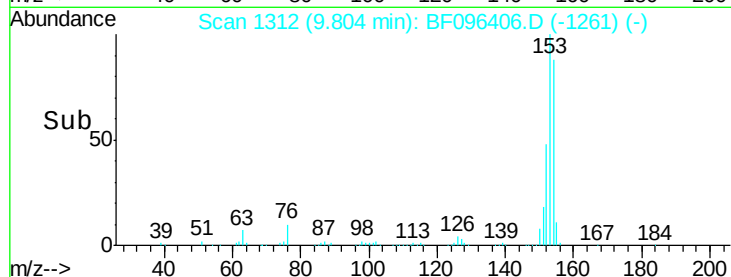
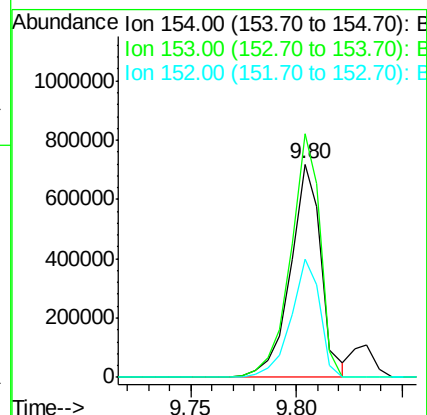
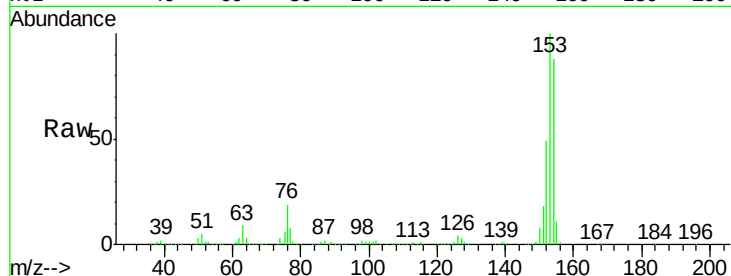
ClientSampleId :

PB100306BS

Tgt Ion:	154	Resp:	727366
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.5	135.7
152	55.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 27.717 ng

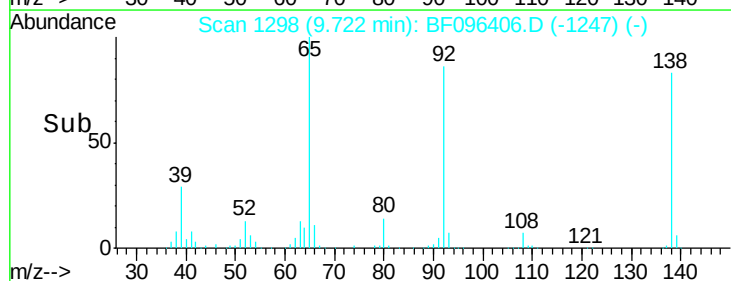
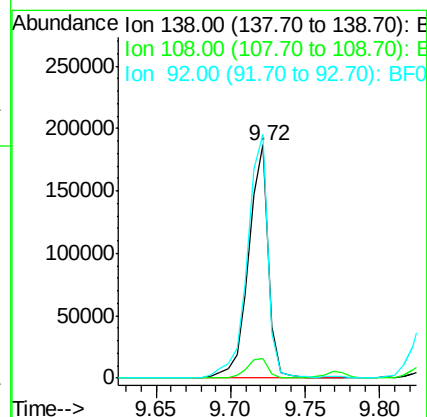
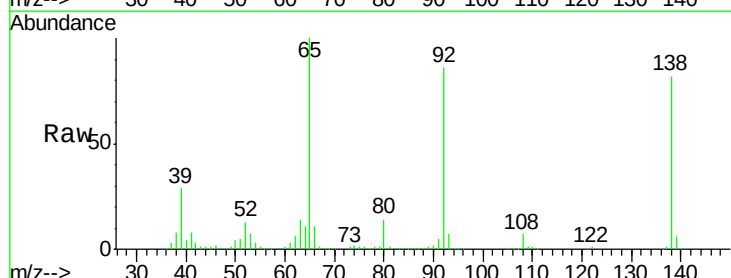
RT: 9.72 min Scan# 1298

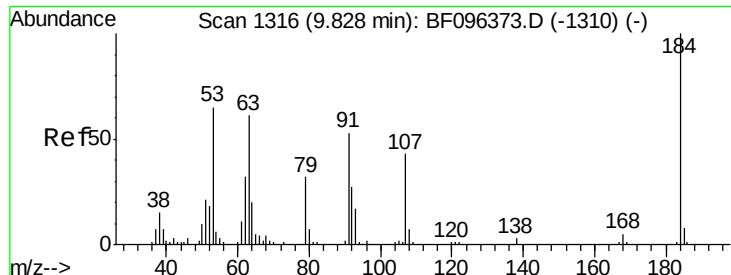
Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Tgt Ion:	138	Resp:	170184
Ion Ratio	Lower	Upper	
138	100		
108	8.7	9.1	13.7#
92	104.3	93.8	140.6





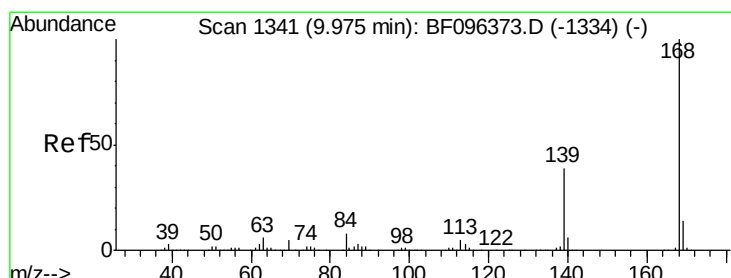
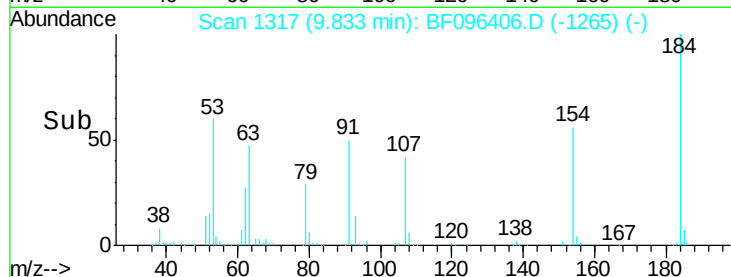
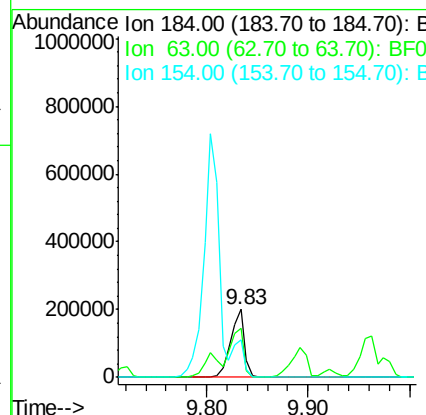
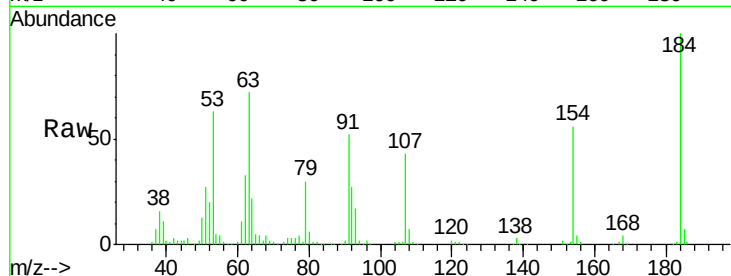
#53
2,4-Dinitrophenol
Concen: 73.590 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	192417		
63	71.5	62.7	94.1	
154	55.6	81.1	121.7#	

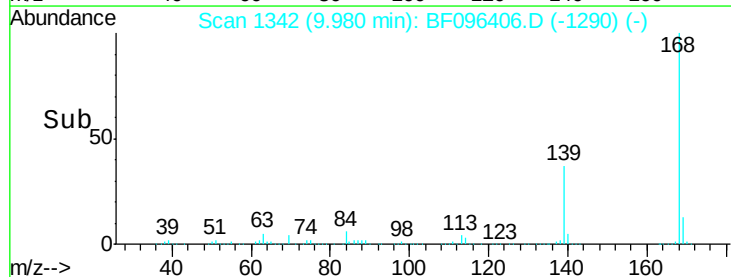
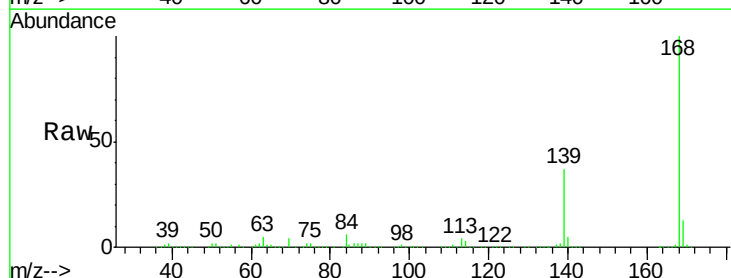
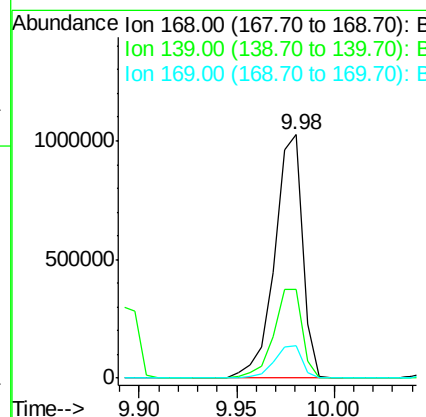
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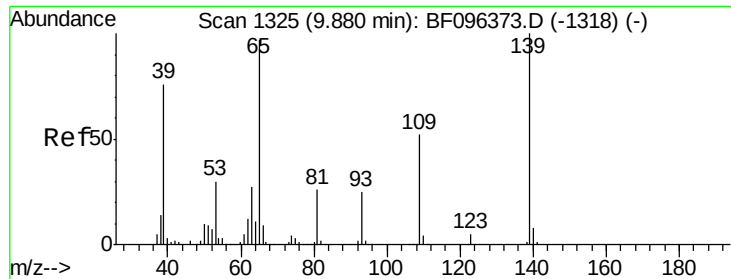
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#54
Dibenzofuran
Concen: 41.454 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1017916		
139	36.6	30.6	45.8	
169	13.1	10.8	16.2	





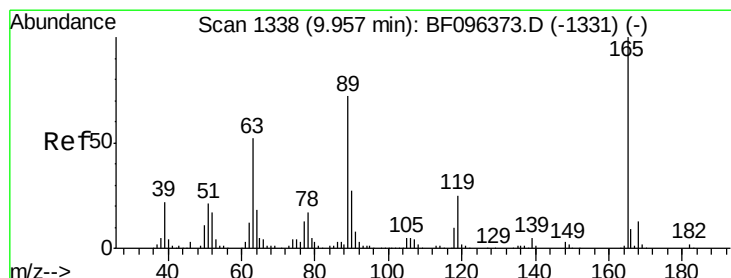
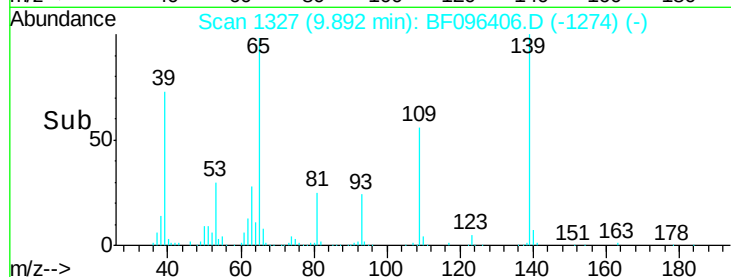
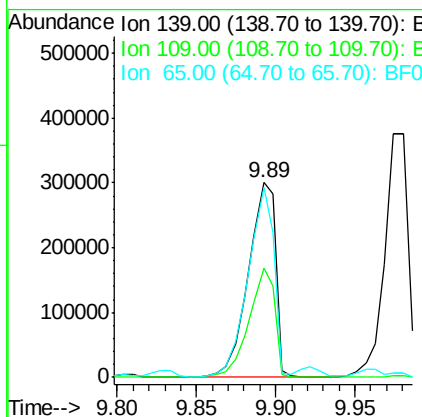
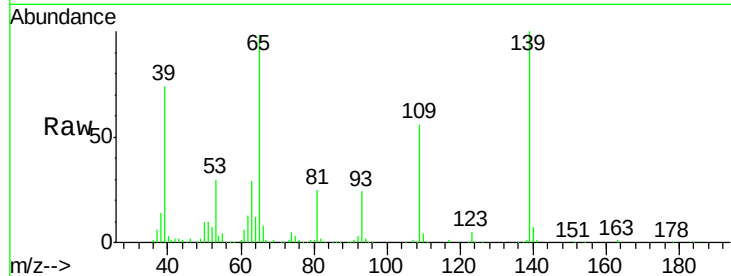
#55
4-Nitrophenol
Concen: 71.160 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	56.1	34.1	74.1
65	97.6	31.4	71.4

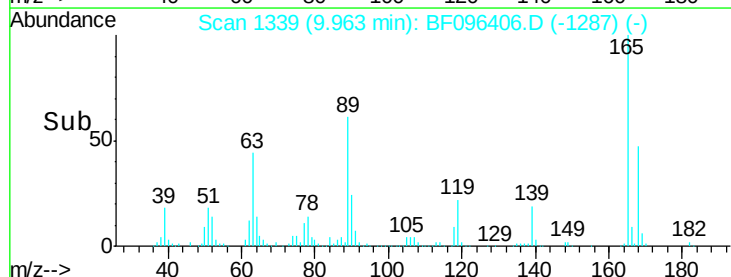
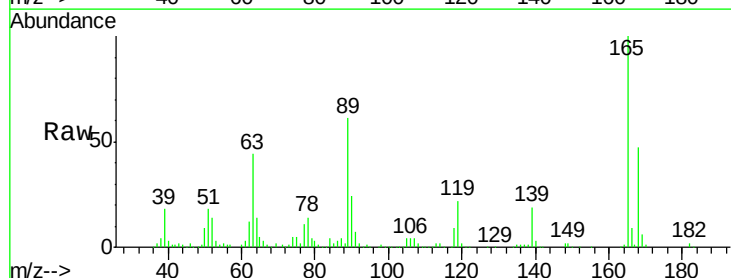
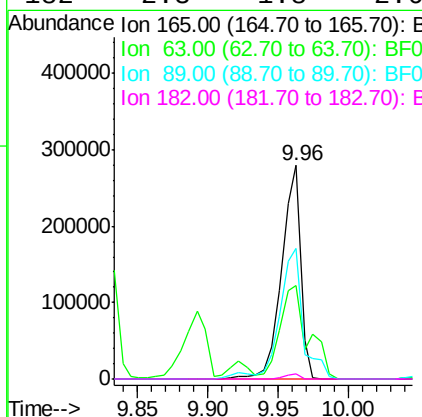
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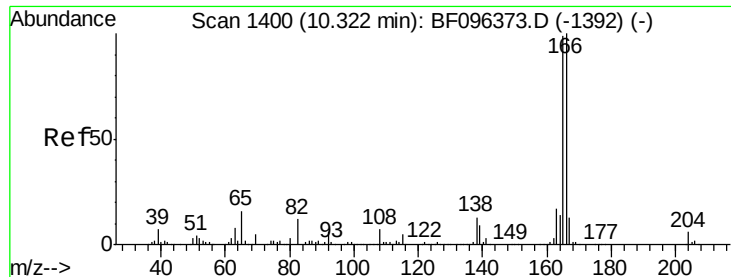
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#56
2,4-Dinitrotoluene
Concen: 42.303 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	44.0	25.4	38.0
89	61.0	46.4	69.6
182	2.3	1.8	2.6





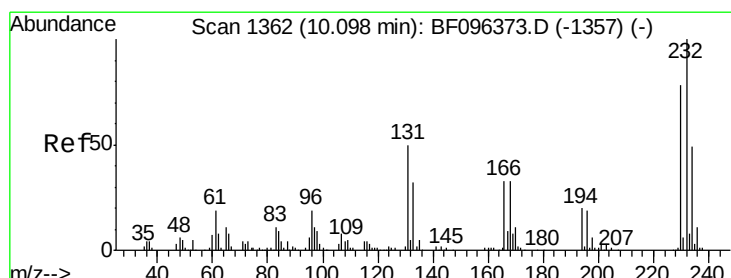
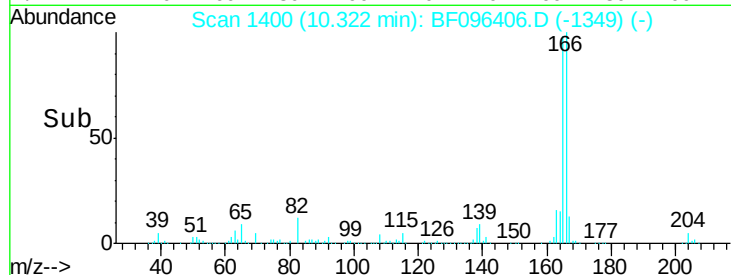
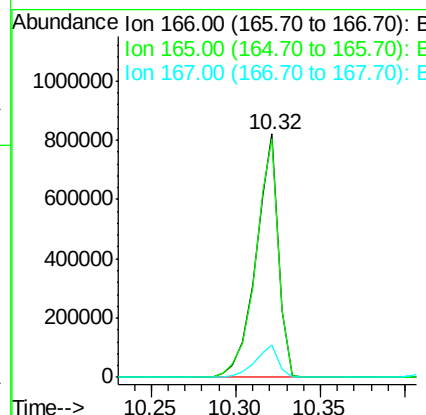
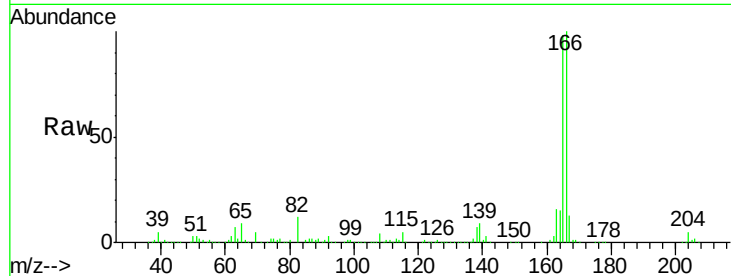
#57
 Fluorene
 Concen: 43.948 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	762157		
165	98.1	78.8	118.2	
167	13.4	10.6	16.0	

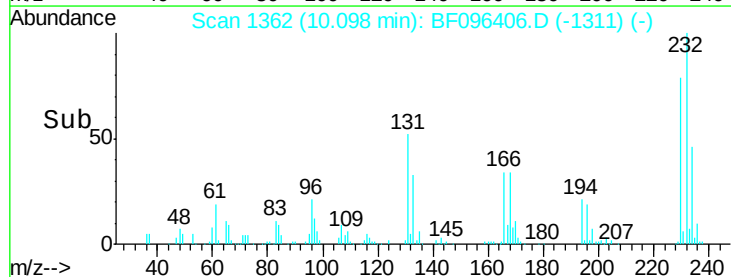
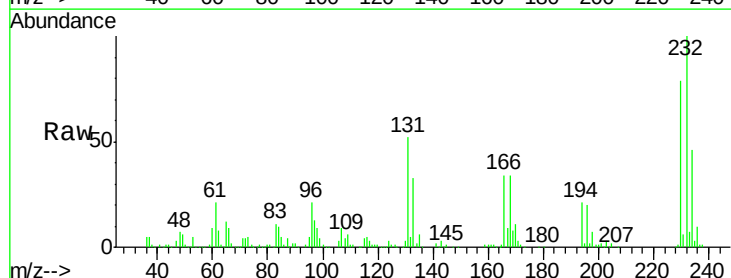
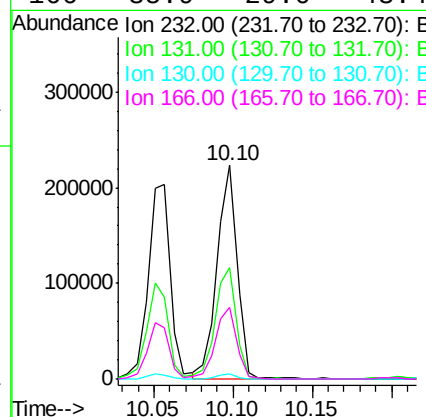
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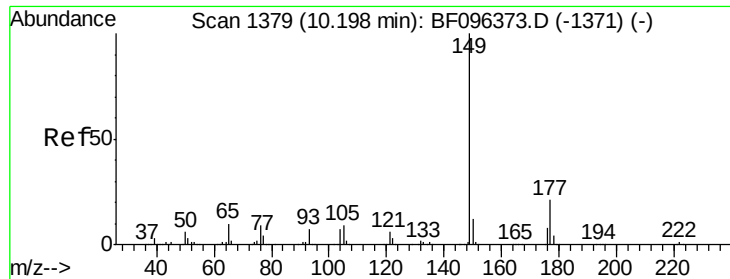
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.083 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	197291		
131	55.7	44.8	67.2	
130	2.4	2.3	3.5	
166	35.9	29.0	43.4	





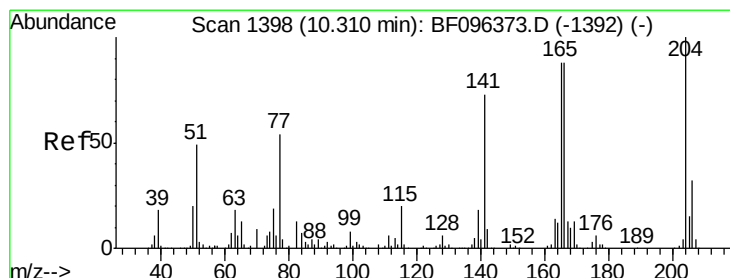
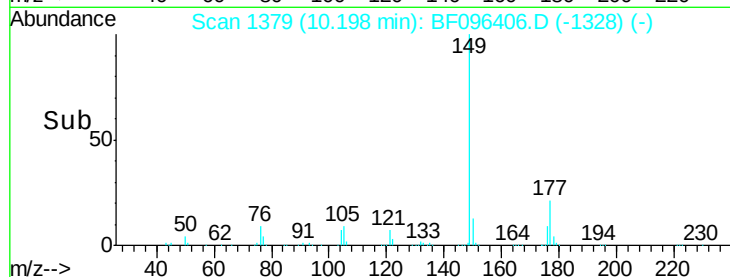
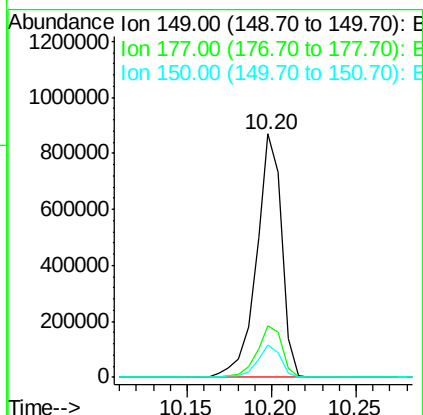
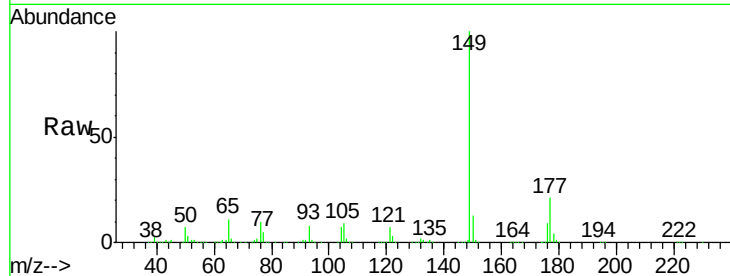
#59
Diethylphthalate
Concen: 42.681 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	898100		
177	21.0	16.7	25.1	
150	13.2	10.2	15.2	

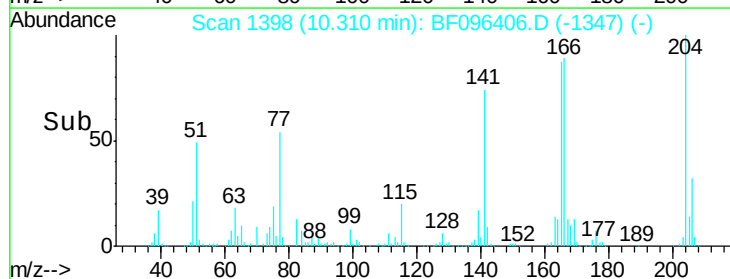
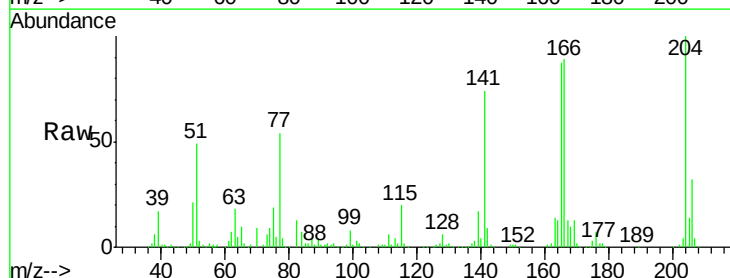
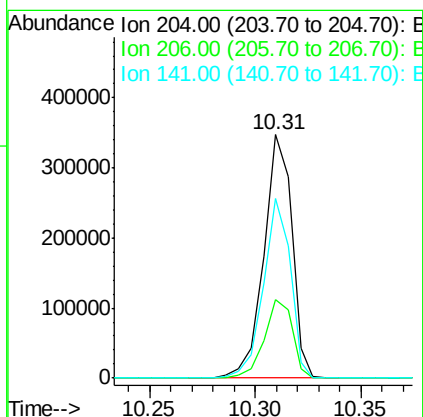
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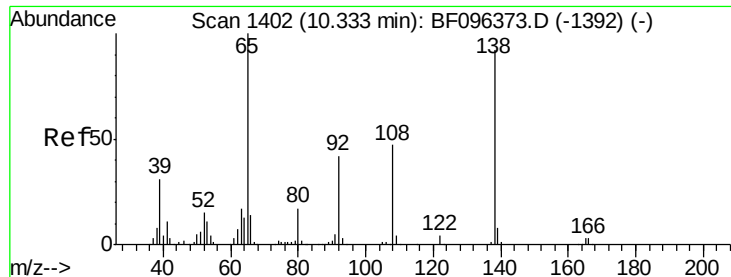
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 42.685 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	322083		
206	32.4	26.2	39.2	
141	74.0	60.8	91.2	





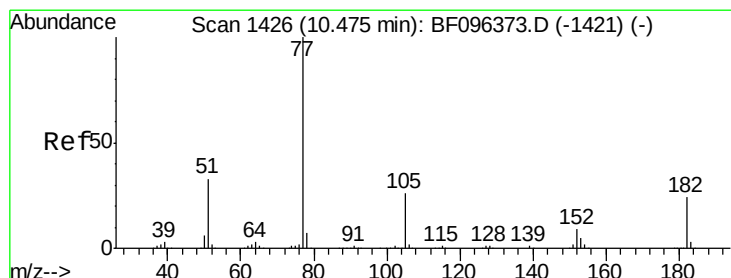
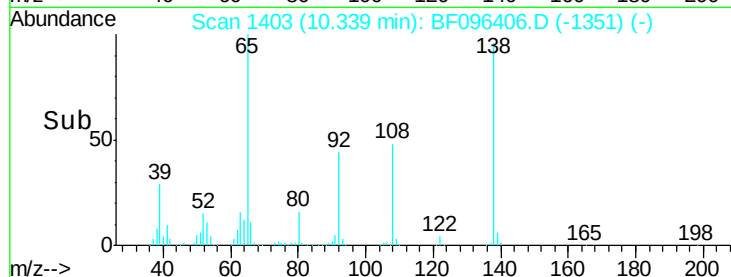
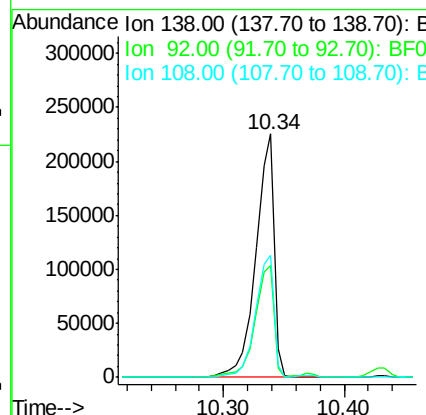
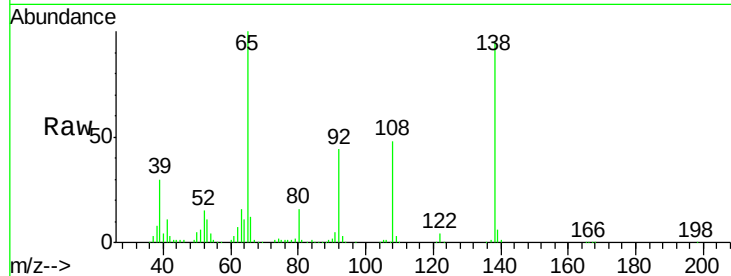
#61
4-Nitroaniline
Concen: 42.836 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	239158		
92	46.1	21.8	61.8	
108	50.3	42.3	82.3	

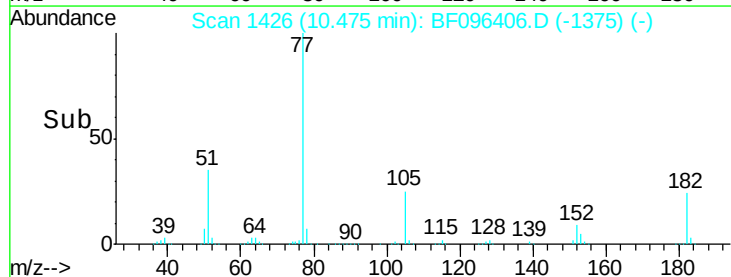
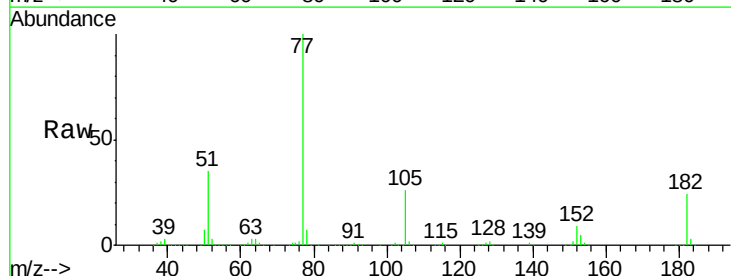
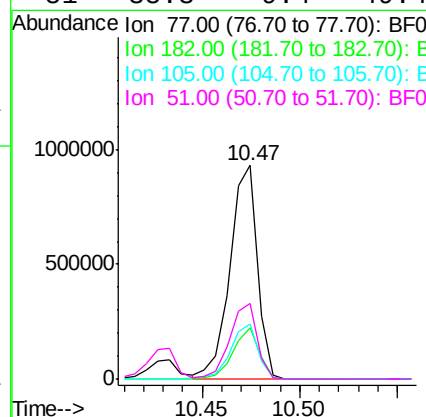
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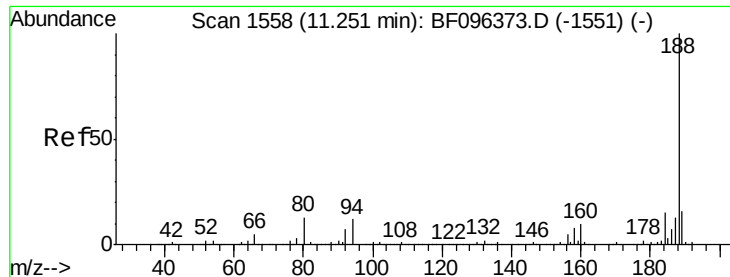
mohammad
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#62
Azobenzene
Concen: 44.586 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	907167		
182	24.2	0.1	40.1	
105	25.5	3.6	43.6	
51	35.3	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

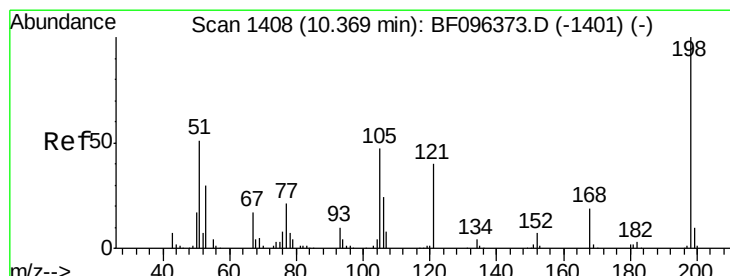
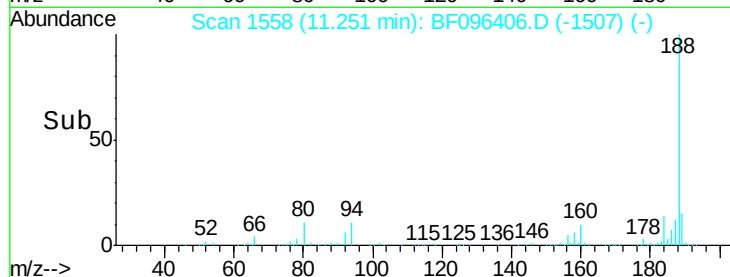
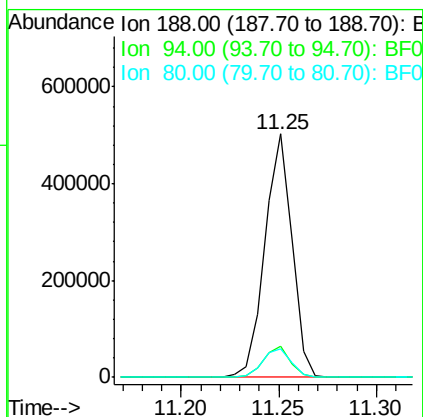
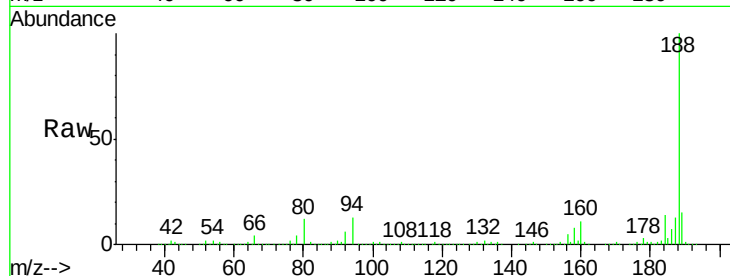
ClientSampleId :

PB100306BS

Tgt Ion:	188	Resp:	484506
Ion Ratio	Lower	Upper	
188	100		
94	12.8	9.4	14.2
80	11.6	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.734 ng

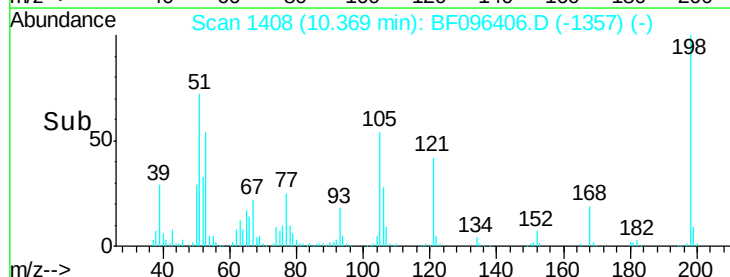
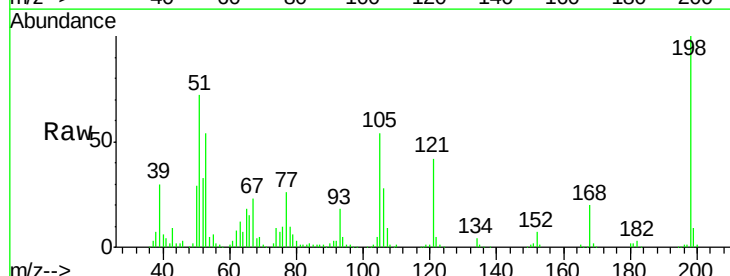
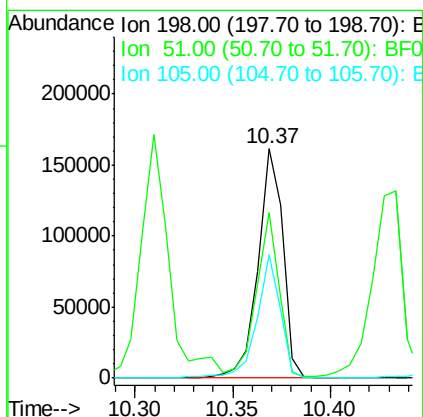
RT: 10.37 min Scan# 1408

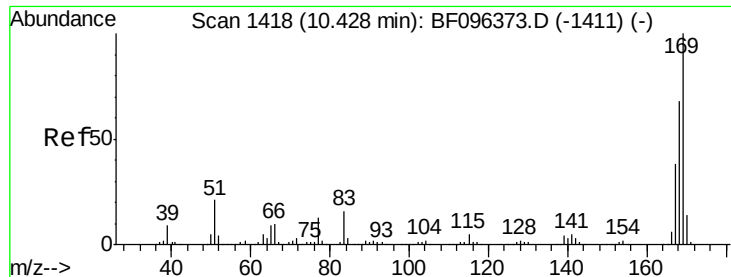
Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Tgt Ion:	198	Resp:	142793
Ion Ratio	Lower	Upper	
198	100		
51	72.3	53.2	93.2
105	53.9	45.8	85.8





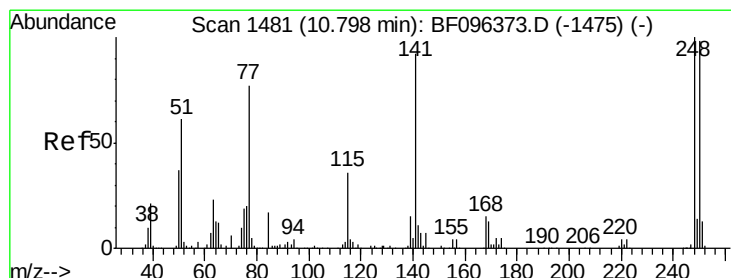
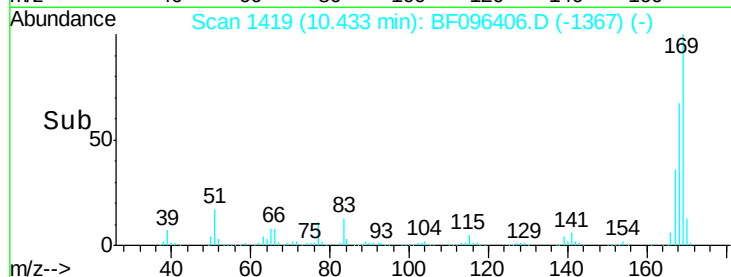
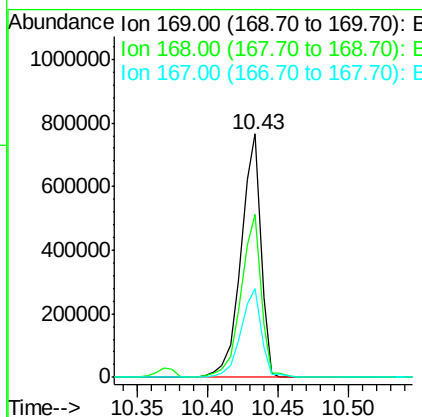
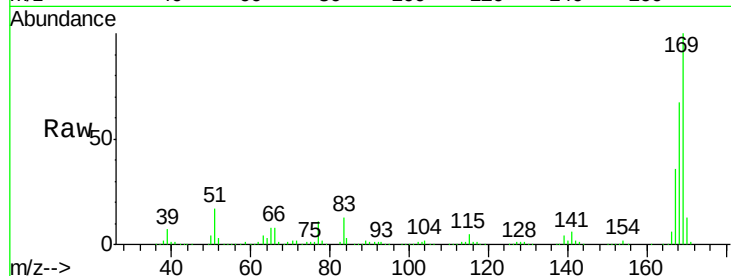
#65
n-Nitrosodiphenylamine
Concen: 43.997 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	747936		
168	66.7	53.2	79.8	
167	36.3	29.5	44.3	

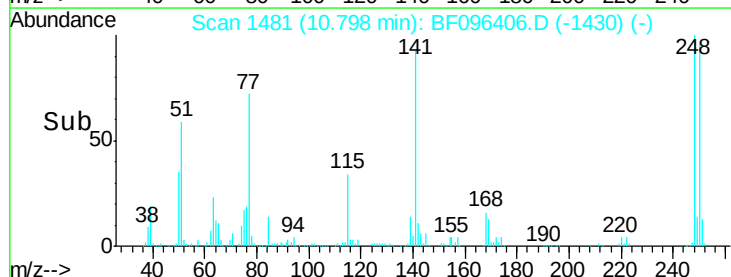
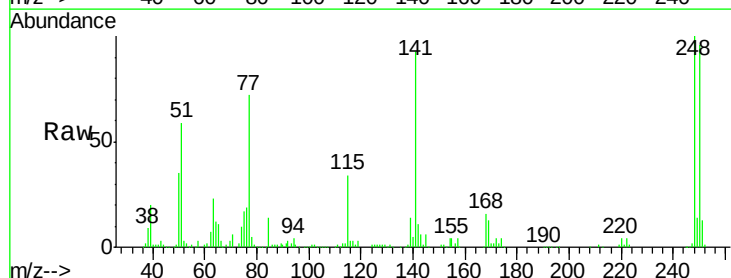
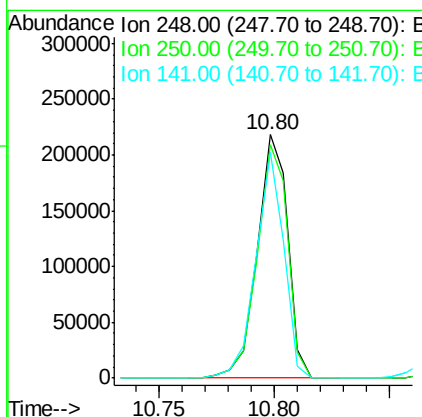
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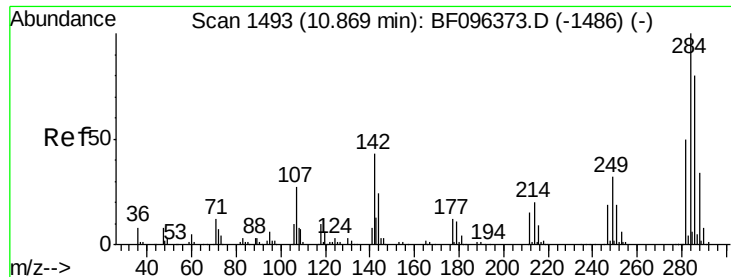
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#66
4-Bromophenyl-phenylether
Concen: 42.650 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	201156		
250	96.1	76.8	115.2	
141	92.8	68.6	103.0	





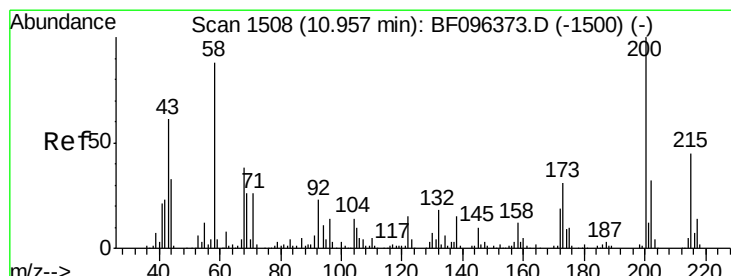
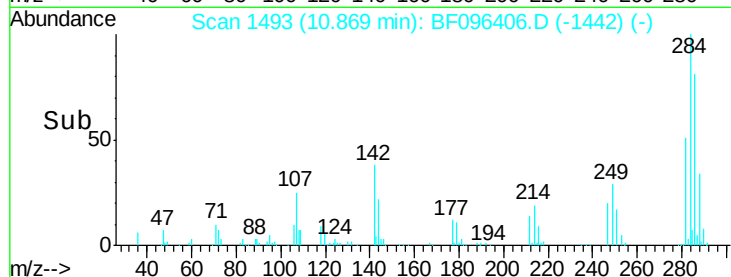
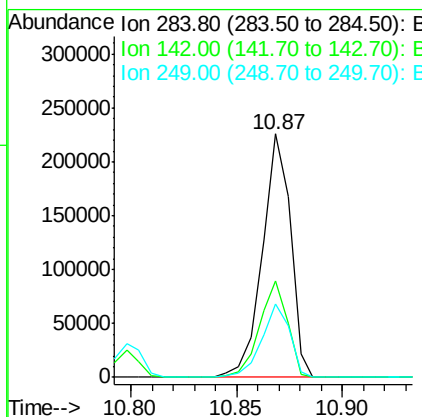
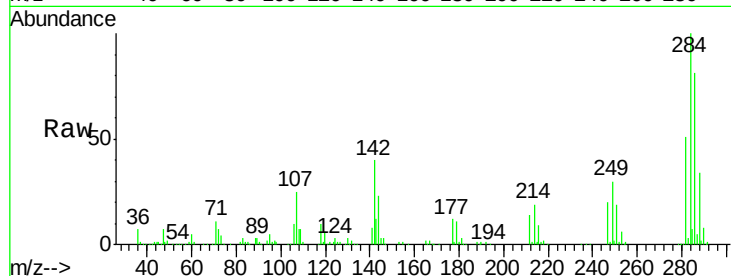
#67
Hexachlorobenzene
Concen: 40.697 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	210122		
142	39.7	22.8	34.2	#
249	30.2	24.0	36.0	

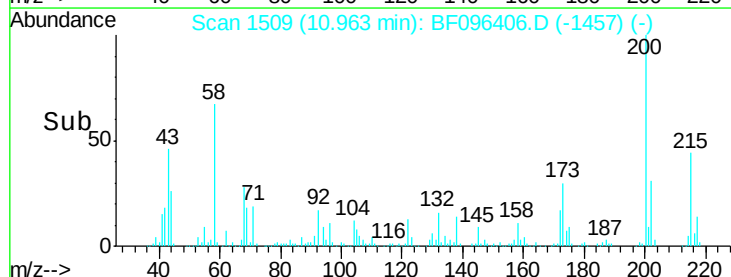
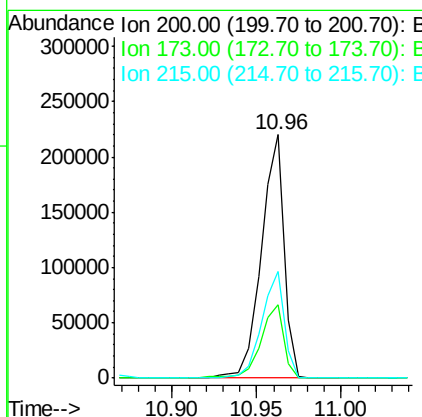
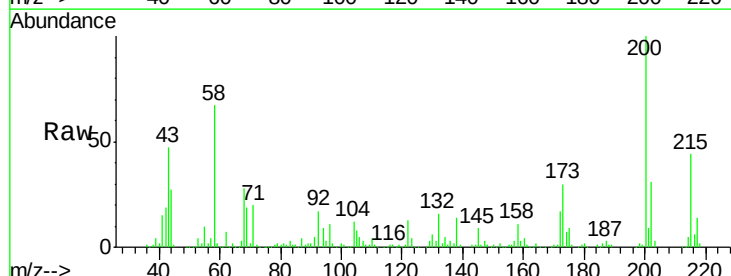
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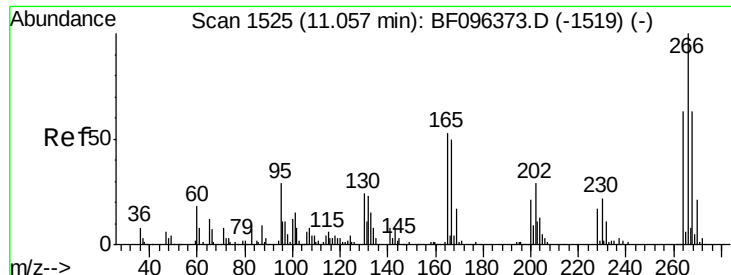
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#68
Atrazine
Concen: 42.135 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	204634		
173	30.0	6.3	46.3	
215	43.7	27.2	67.2	





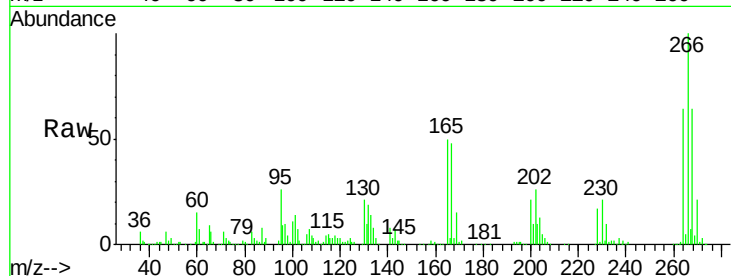
#69
 Pentachlorophenol
 Concen: 71.946 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

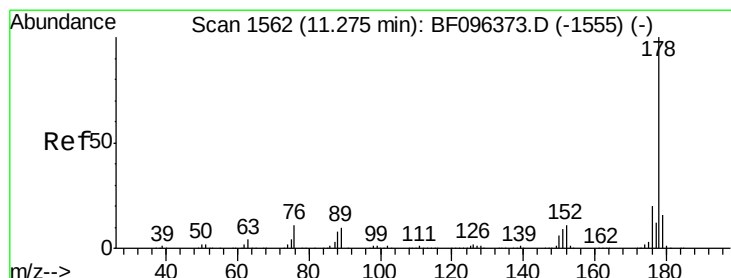
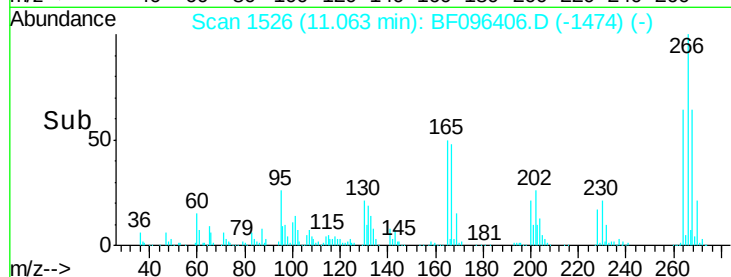
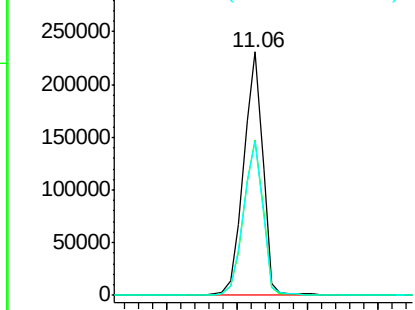
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	220154		
268	63.6	51.1	76.7	
264	63.5	51.7	77.5	

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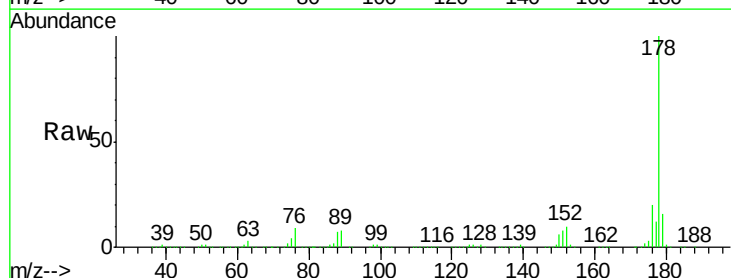


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

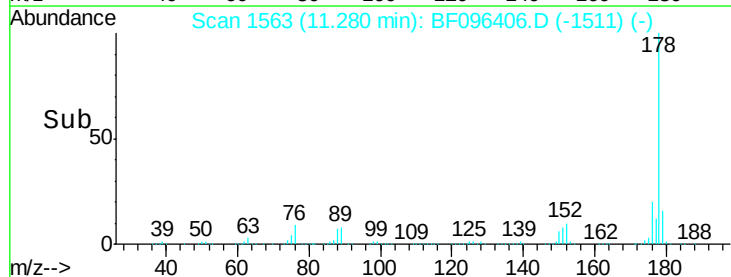
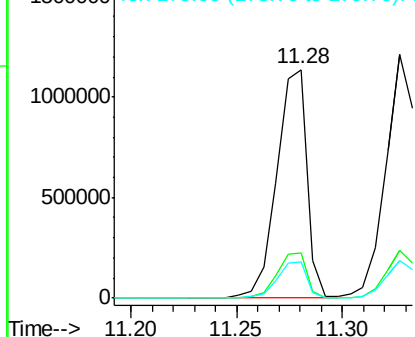


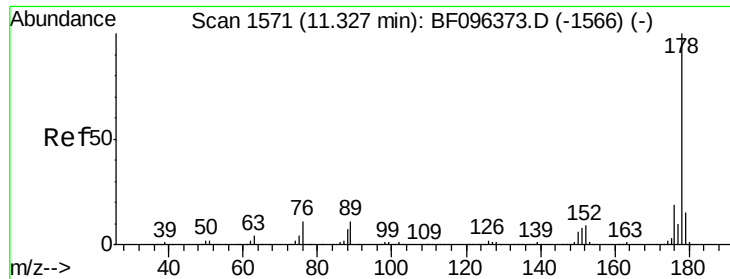
#70
 Phenanthrene
 Concen: 43.274 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1133406		
176	19.8	16.2	24.4	
179	15.7	12.6	19.0	



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





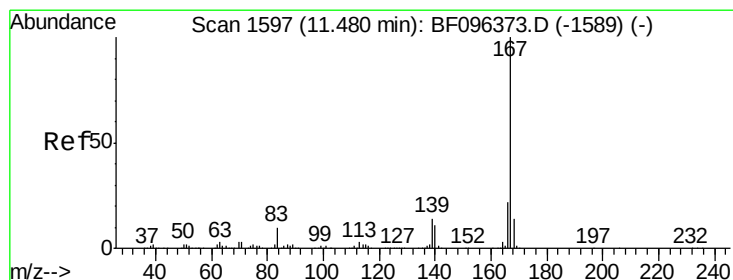
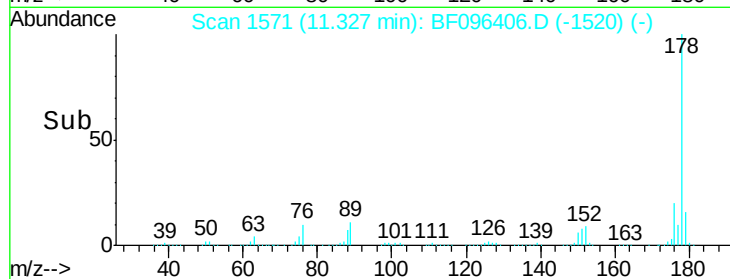
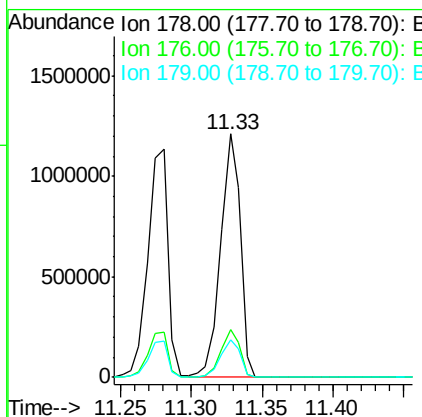
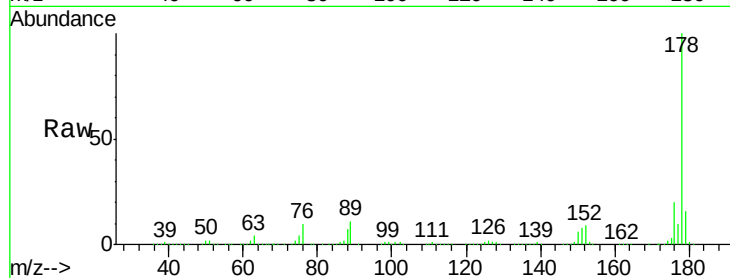
#71
 Anthracene
 Concen: 43.980 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.6	12.7	19.1

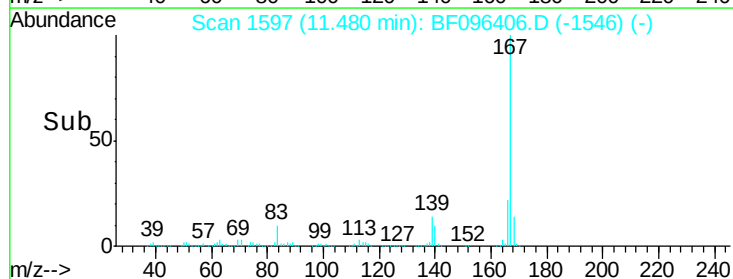
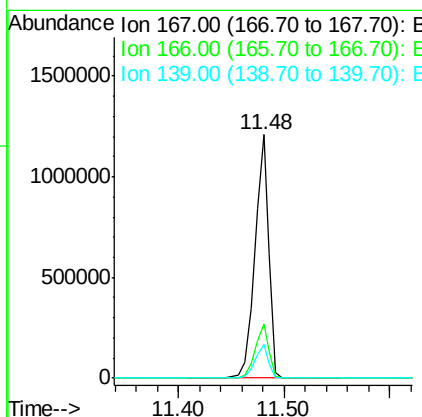
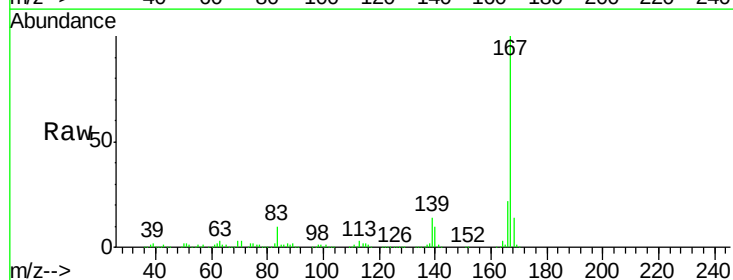
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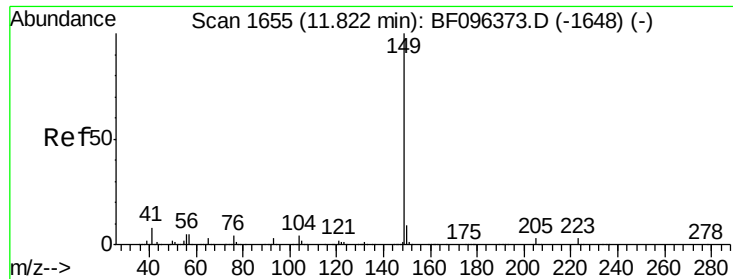
mohammad
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#72
 Carbazole
 Concen: 41.546 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	14.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 41.939 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

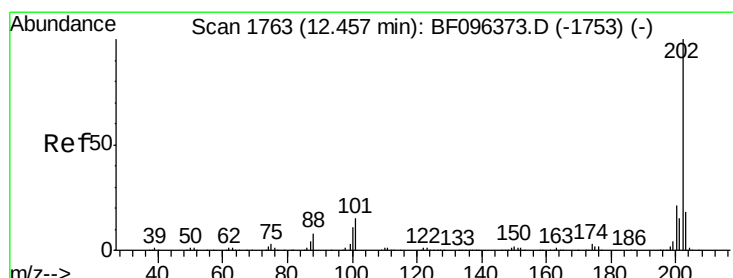
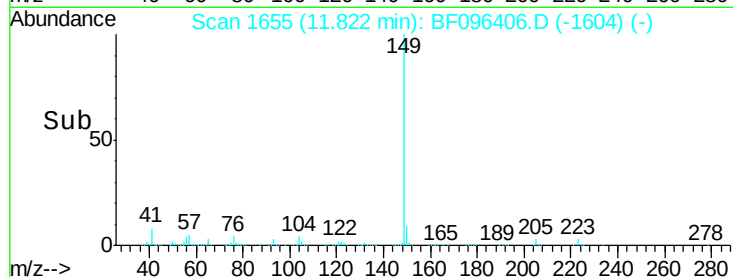
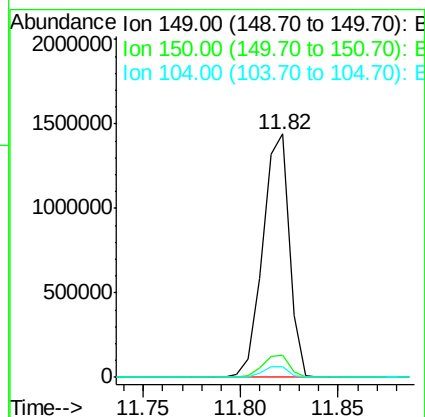
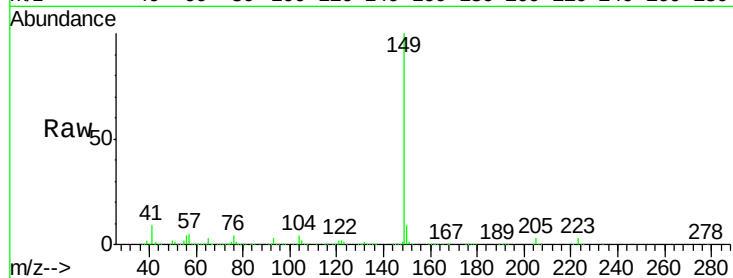
ClientSampleId :

PB100306BS

Tgt Ion:	149	Resp:	1363464
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	4.3	4.0	6.0

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#74

Fluoranthene

Concen: 41.936 ng

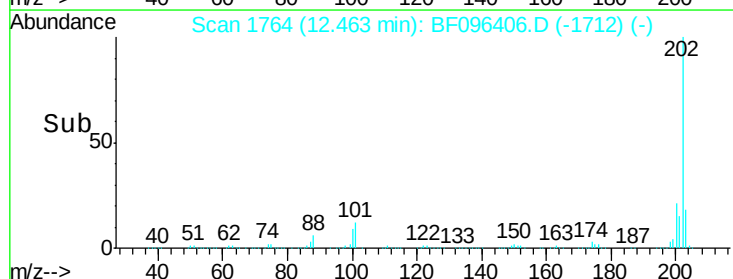
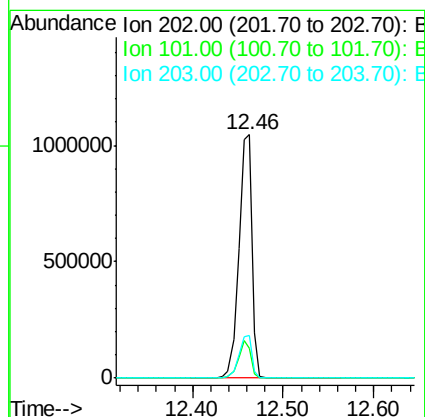
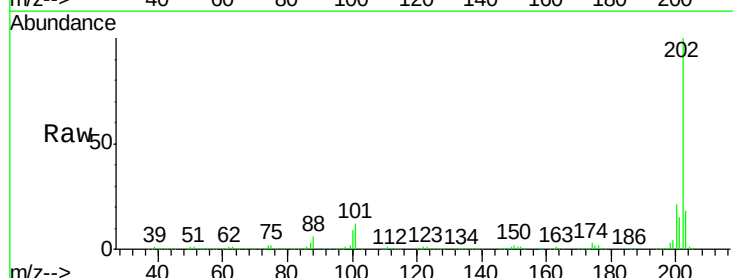
RT: 12.46 min Scan# 1764

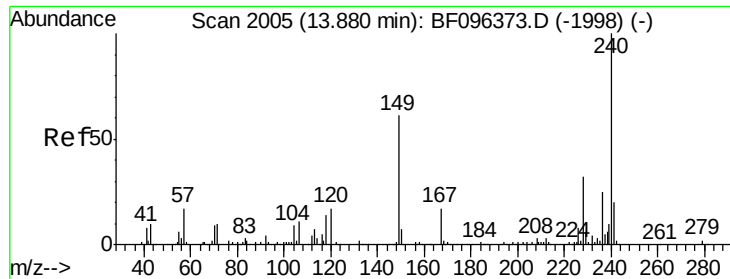
Delta R.T. 0.01 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Tgt Ion:	202	Resp:	1076875
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

PB100306BS

Tgt Ion: 240 Resp: 273872

Ion Ratio Lower Upper

240 100

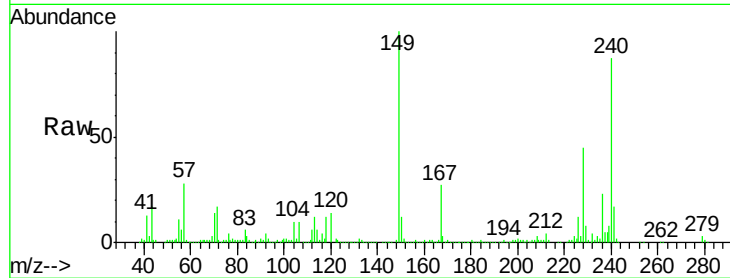
120 16.3 5.8 8.8#

236 26.2 20.5 30.7

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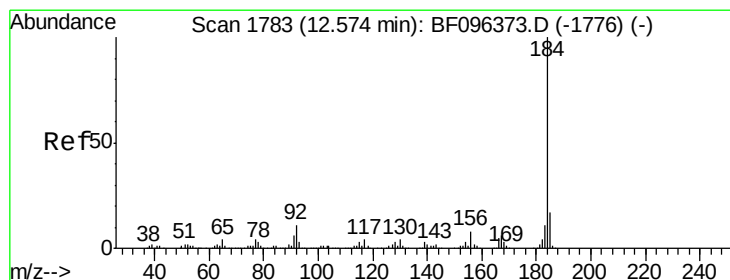
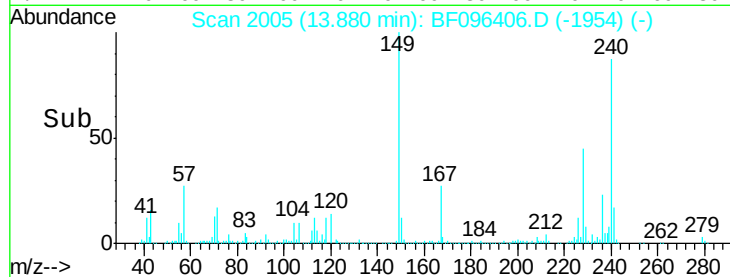
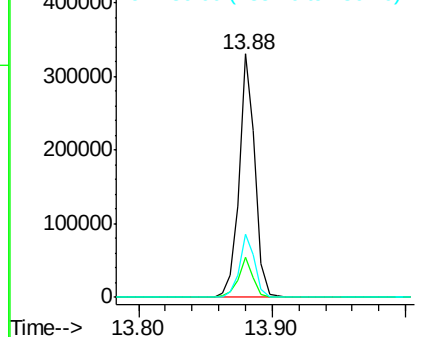
7/3/2017 4:07:20 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.679 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

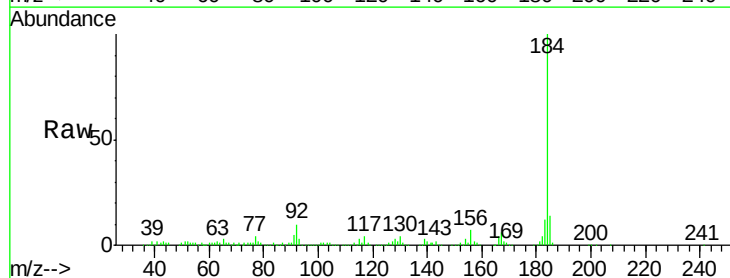
Tgt Ion: 184 Resp: 337447

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

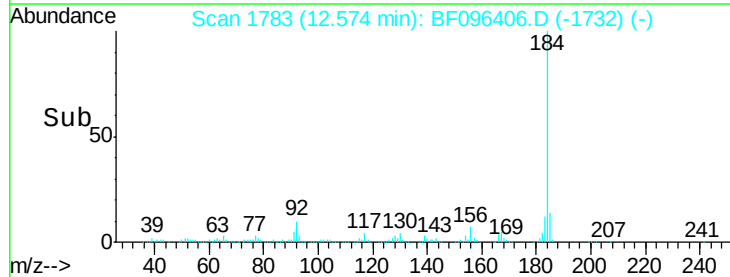
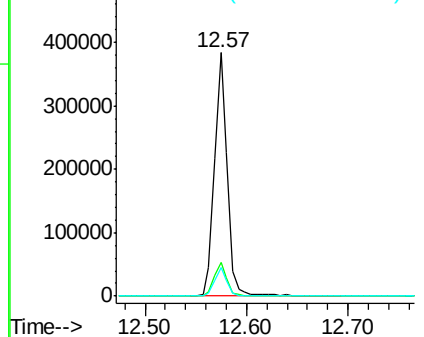
183 11.9 9.8 14.6

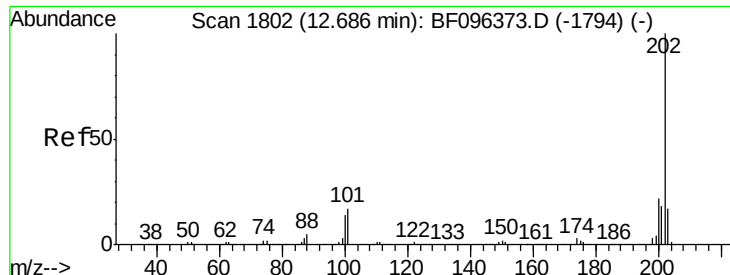


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





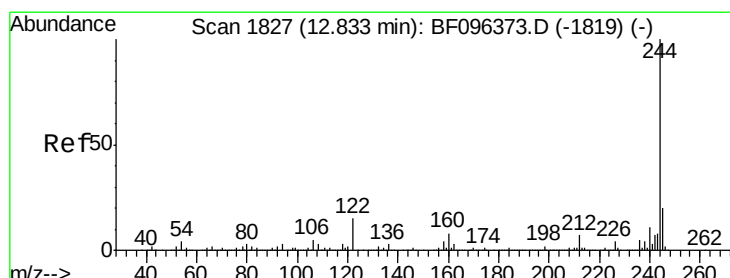
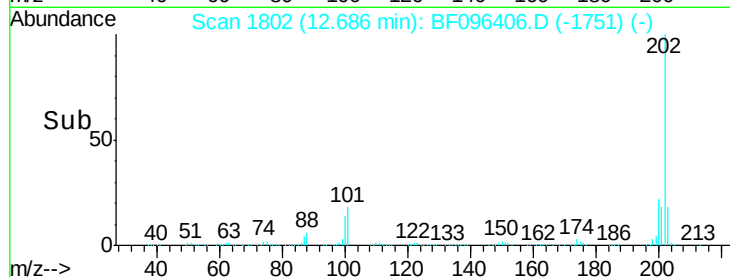
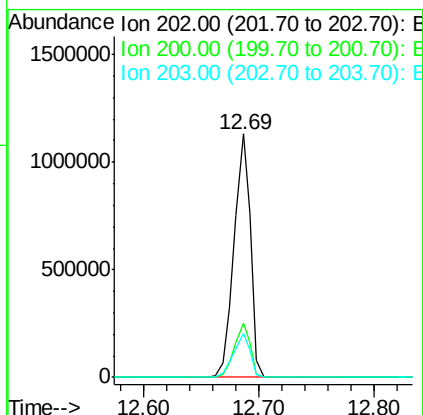
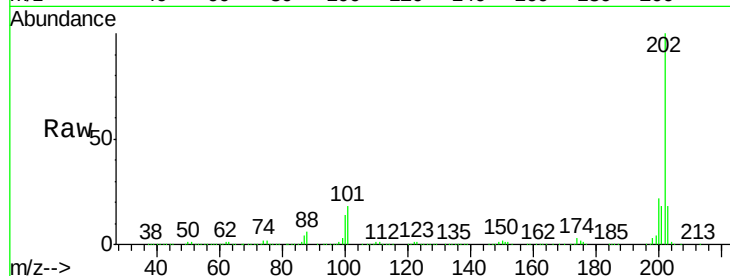
#77
 Pyrene
 Concen: 50.405 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.8	14.4	21.6

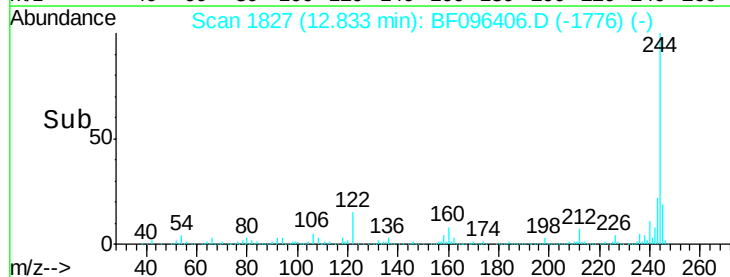
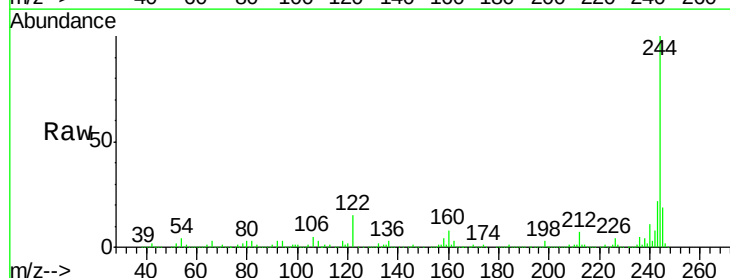
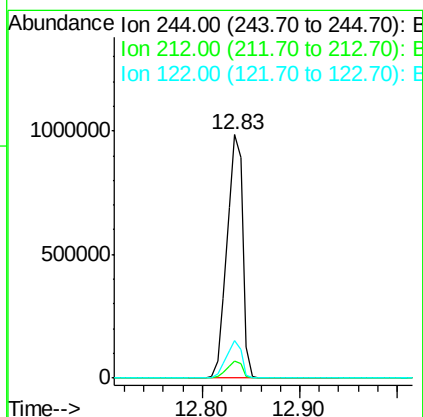
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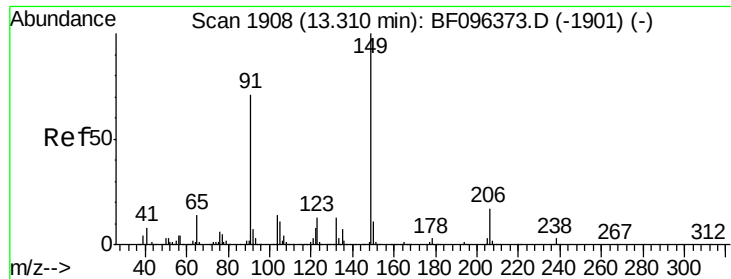
mohammad
 7/3/2017 4:07:20 PM



#78
 Terphenyl-d14
 Concen: 85.604 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.3	10.3	15.5





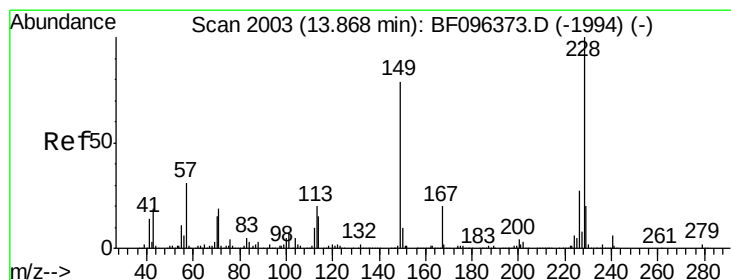
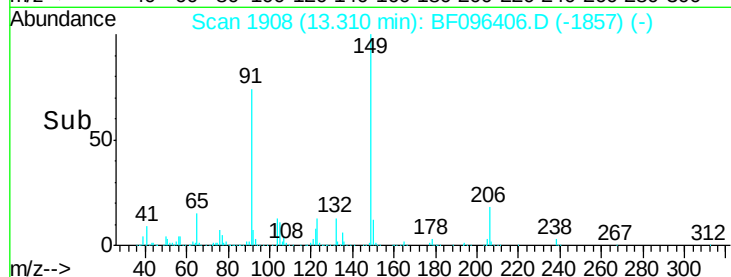
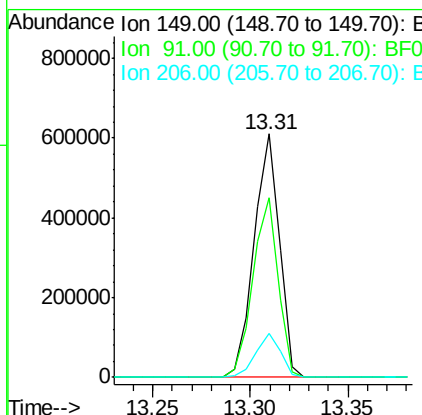
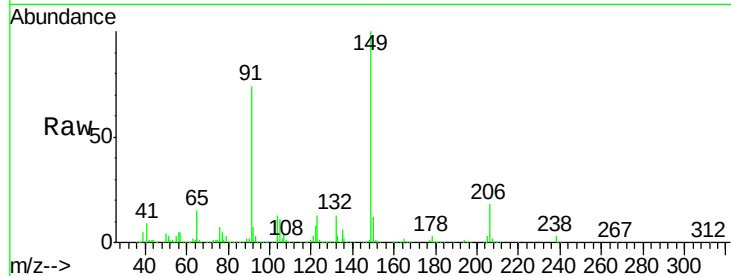
#79
Butylbenzylphthalate
Concen: 49.335 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	549000		
91	73.9	45.0	67.4#	
206	18.2	17.0	25.6	

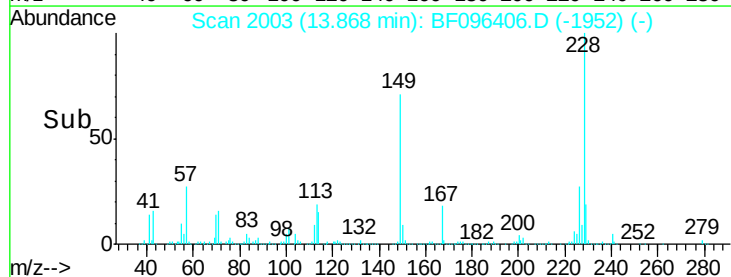
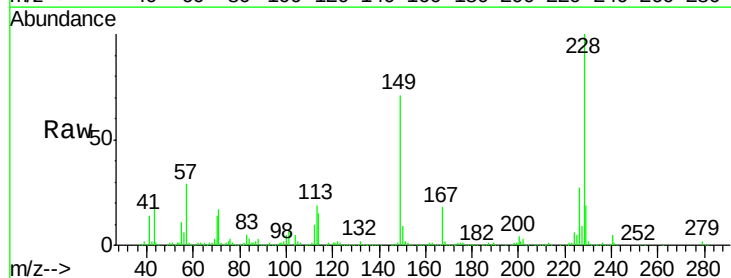
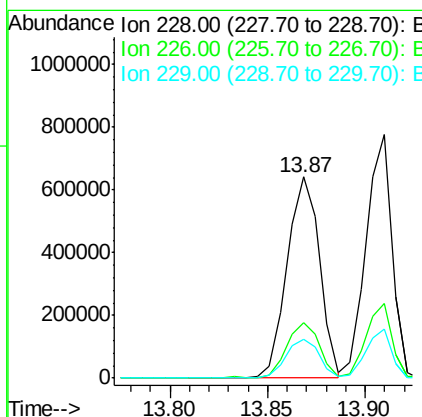
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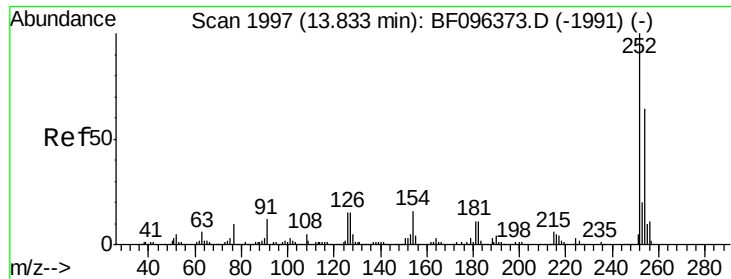
mohammad
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#80
Benzo(a)anthracene
Concen: 46.565 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	738494		
226	27.4	22.6	33.8	
229	19.5	16.3	24.5	





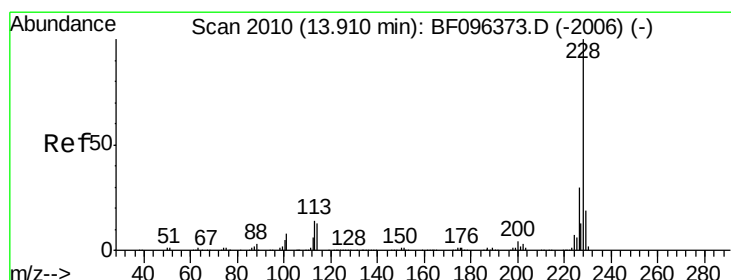
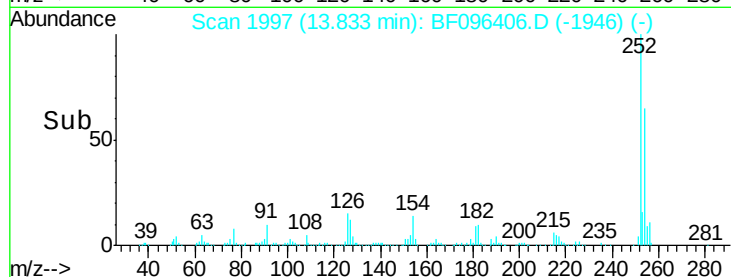
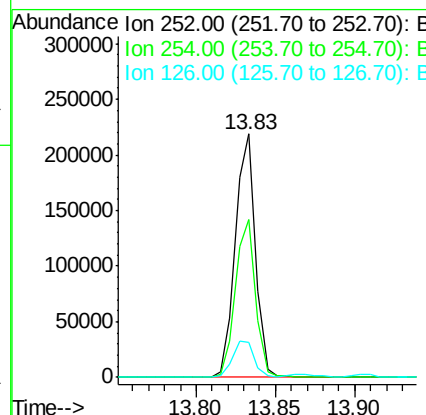
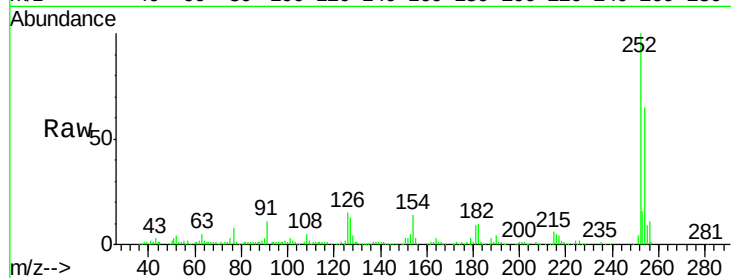
#81
 3,3'-Dichlorobenzidine
 Concen: 29.703 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.7	51.5	77.3
126	14.6	15.8	23.8

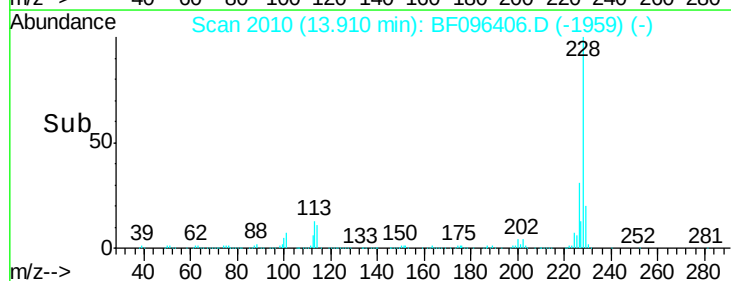
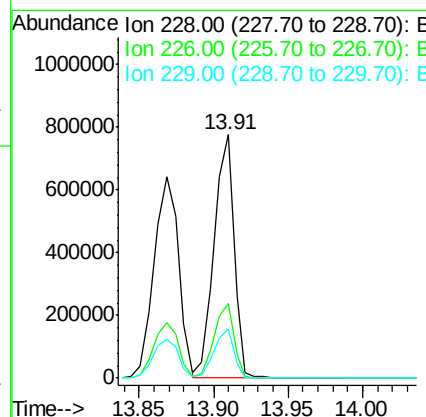
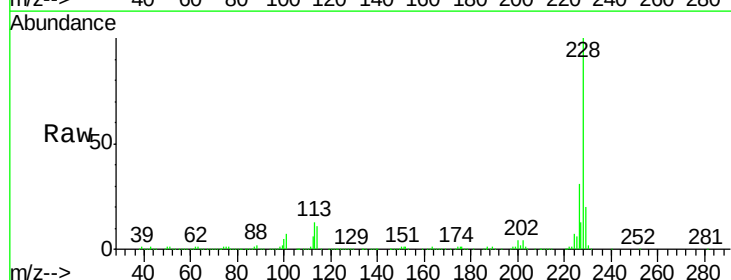
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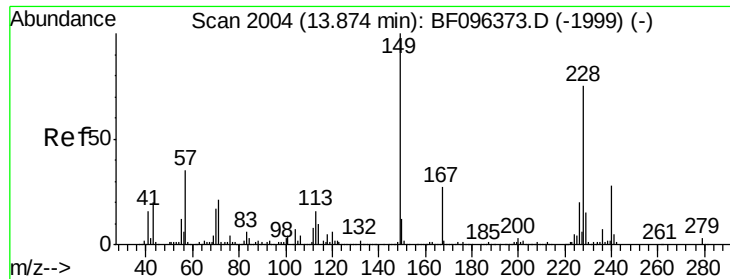
mohammad
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#82
 Chrysene
 Concen: 43.415 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	24.9	37.3
229	20.0	15.8	23.6





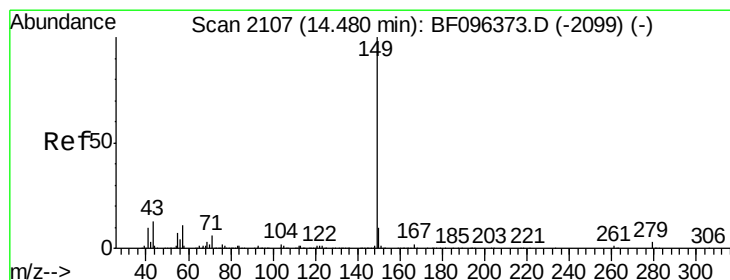
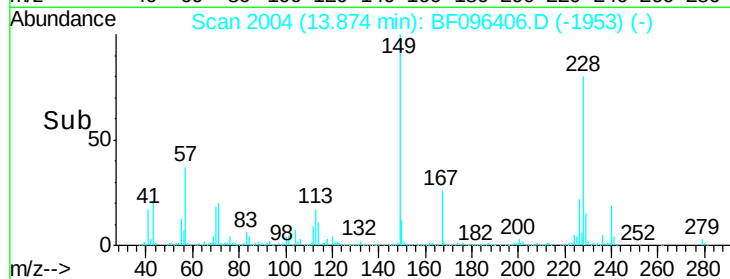
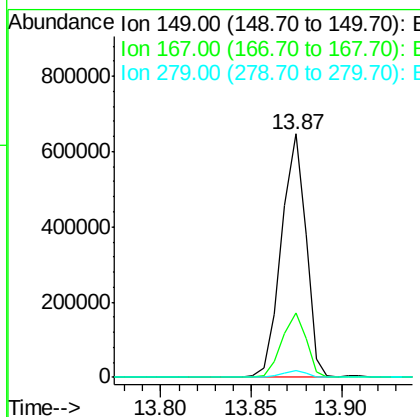
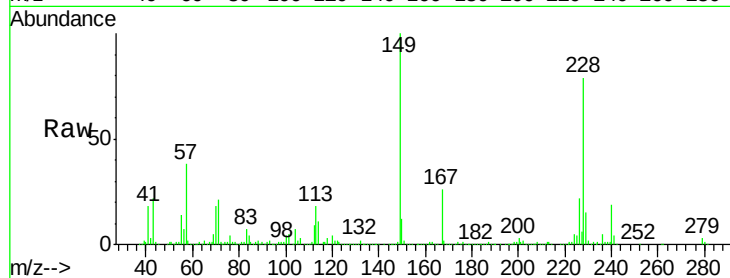
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.247 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	611723		
167	26.3	21.0	31.4	
279	2.6	1.9	2.9	

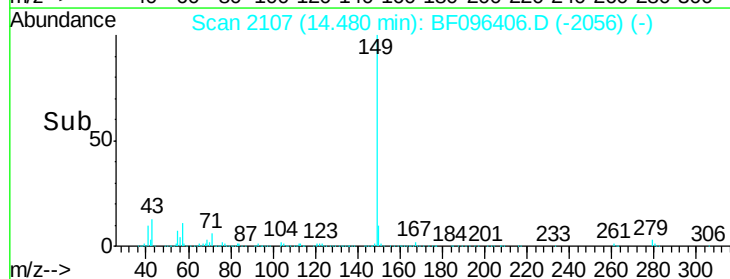
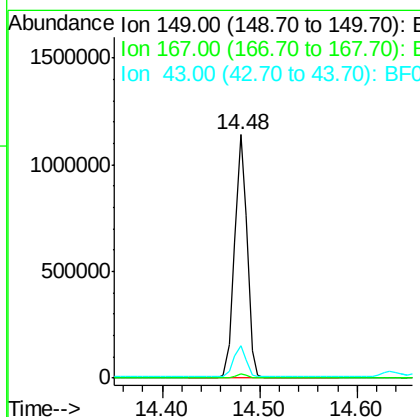
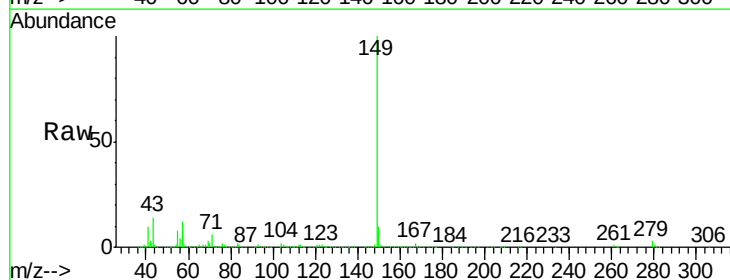
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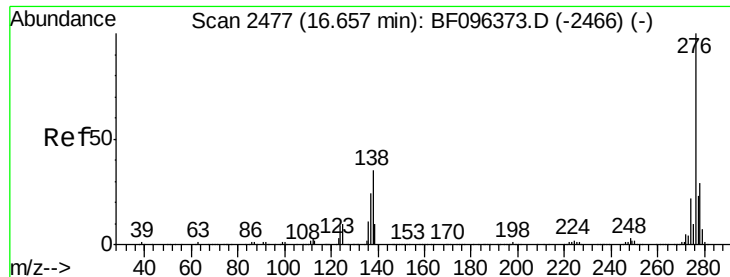
mohammad
 7/3/2017 4:07:20 PM



#84
 Di-n-octyl phthalate
 Concen: 41.438 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1013624		
167	1.5	1.2	1.8	
43	12.7	8.5	12.7#	





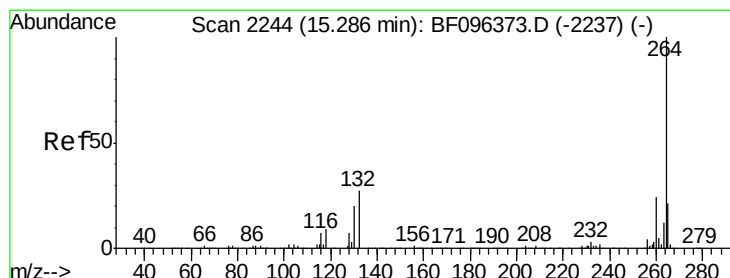
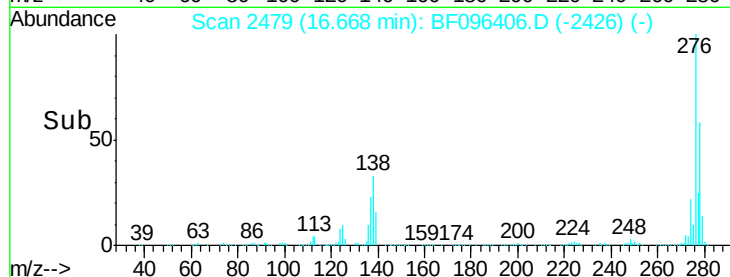
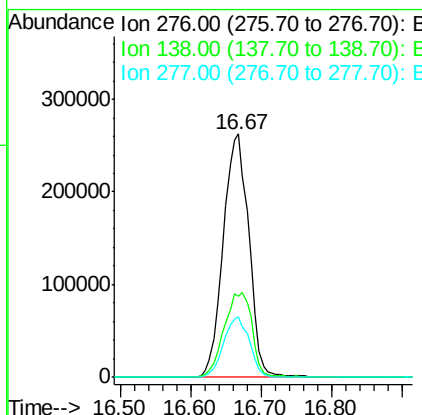
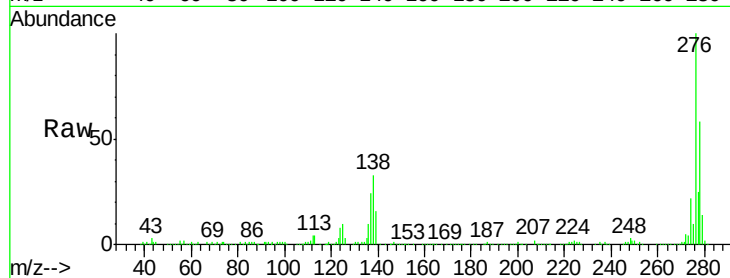
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.653 ng
 RT: 16.67 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	664039		
138	38.1		27.8	41.6
277	25.0		20.2	30.4

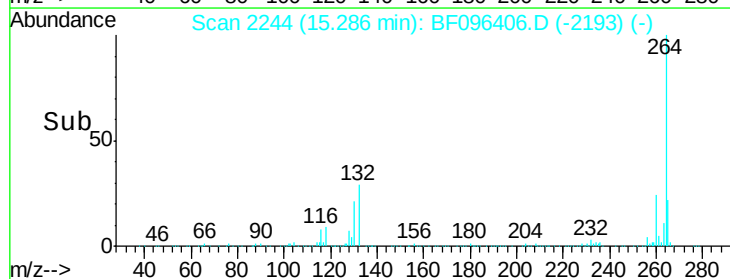
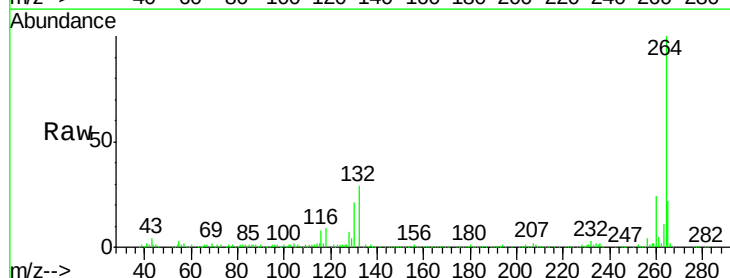
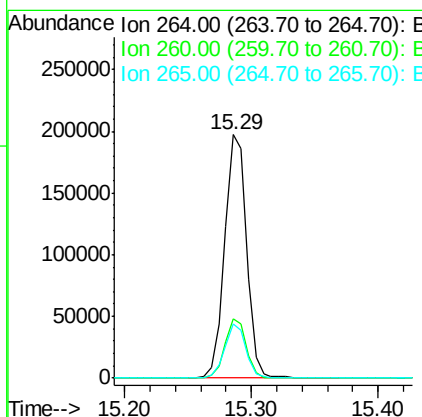
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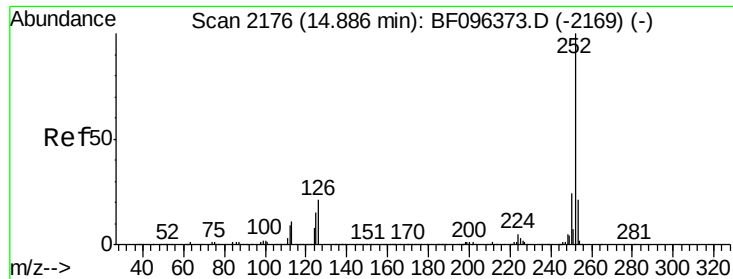
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF096406.D
 Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	235512		
260	24.4		19.5	29.3
265	22.1		17.2	25.8





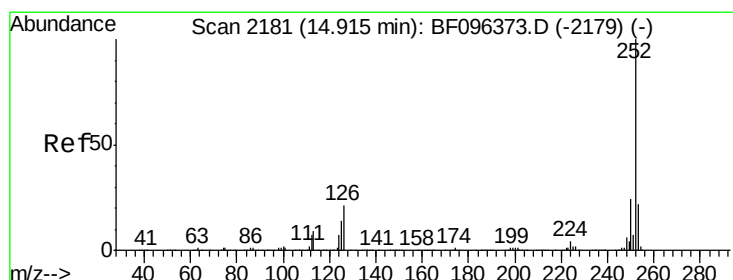
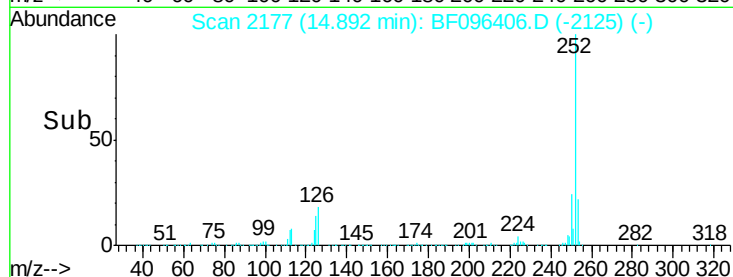
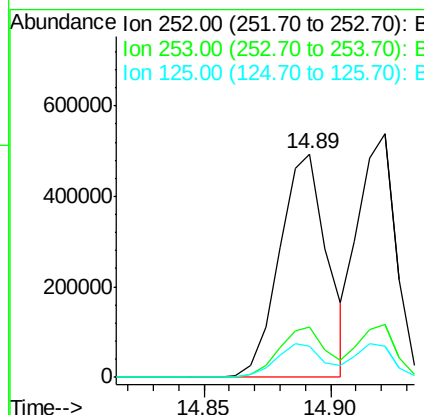
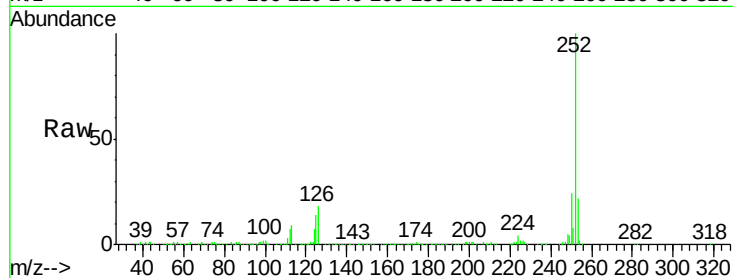
#87
Benzo(b)fluoranthene
Concen: 43.835 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Instrument :
BNA_F
ClientSampleId :
PB100306BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.1	9.8	14.8

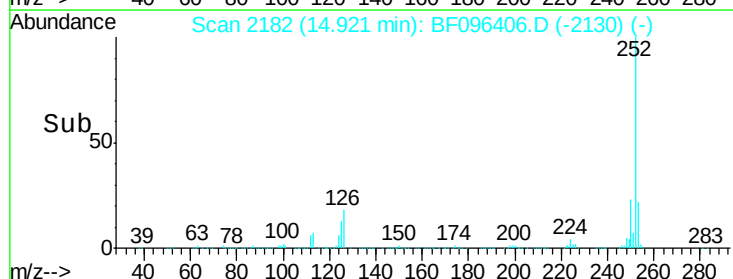
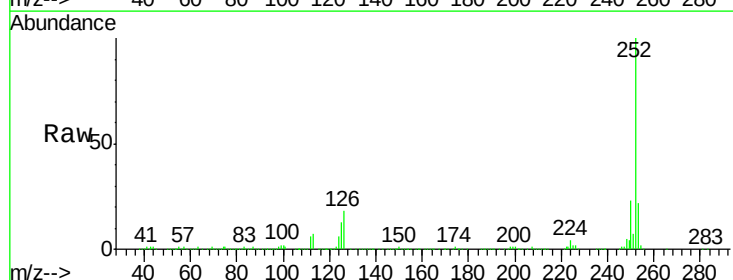
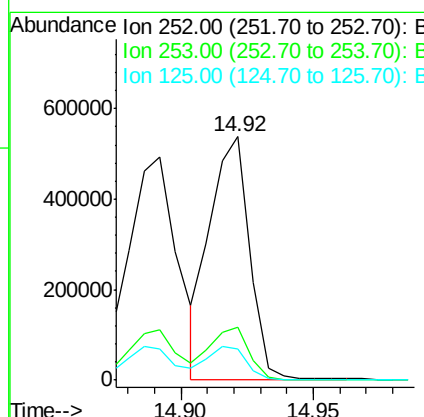
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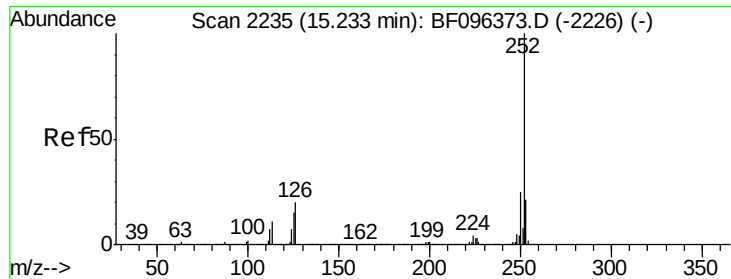
mohammad
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#88
Benzo(k)fluoranthene
Concen: 42.509 ng m
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF096406.D
Acq: 2 Jul 2017 10:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	12.9	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 45.382 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

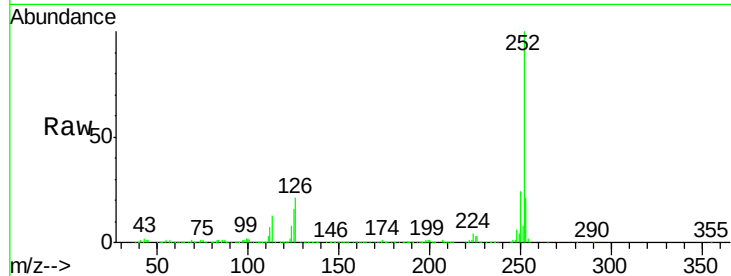
ClientSampleId :

PB100306BS

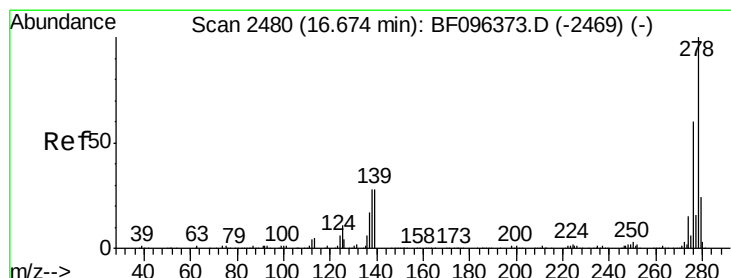
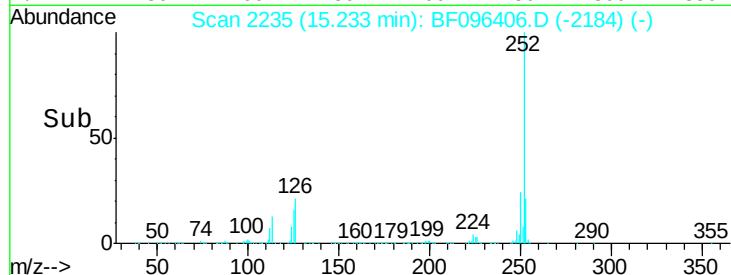
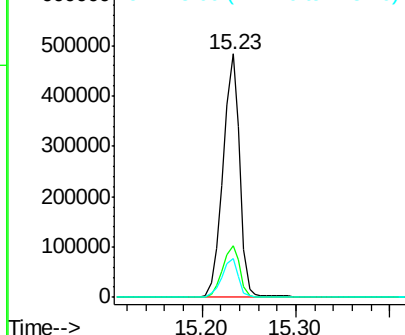
Tgt Ion:	252	Resp:	597912
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.5	26.3
125	16.0	11.0	16.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 51.764 ng

RT: 16.68 min Scan# 2481

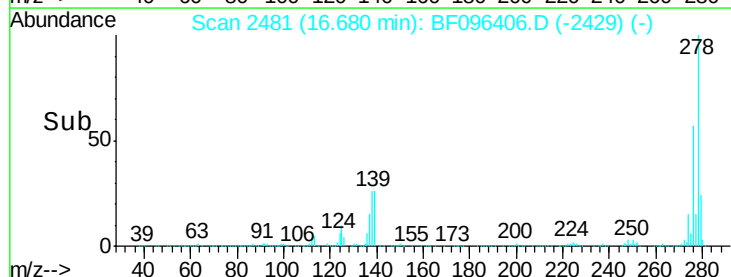
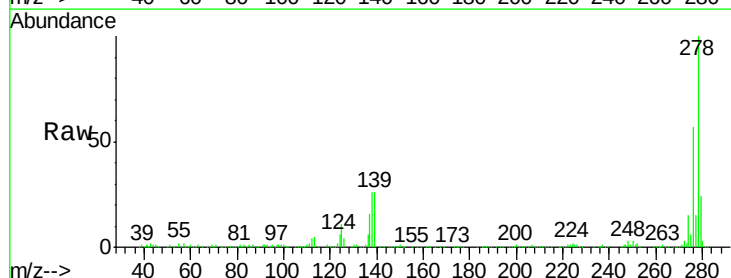
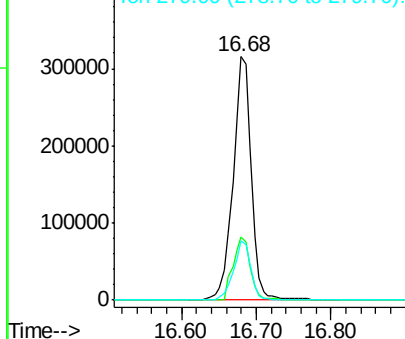
Delta R.T. 0.01 min

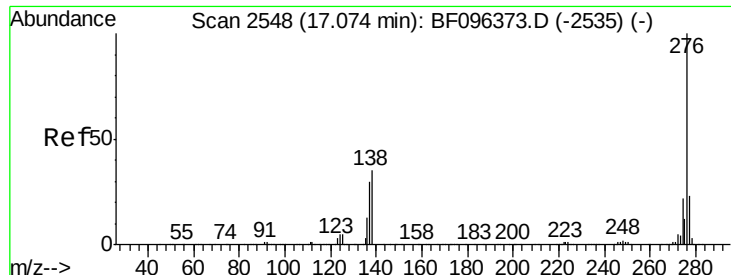
Lab File: BF096406.D

Acq: 2 Jul 2017 10:30

Tgt Ion:	278	Resp:	536528
Ion Ratio	Lower	Upper	
278	100		
139	25.9	16.6	24.8#
279	24.1	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 53.417 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.01 min

Lab File: BF096406.D

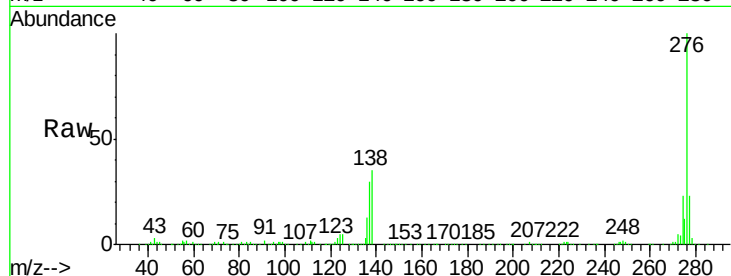
Acq: 2 Jul 2017 10:30

Instrument :

BNA_F

ClientSampleId :

PB100306BS



Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	34.6	25.4	38.0

Manual Integrations
APPROVED

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