

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096524.D
 Acq On : 6 Jul 2017 11:10
 Operator : SJ/MA
 Sample : PB100404BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

Manual Integrations
 APPROVED

mohammad
 7/10/2017 11:44:43 AM

Quant Time: Jul 07 08:11:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115822	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	493729	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	222880	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	386546	20.00	ng	0.00
75) Chrysene-d12	13.87	240	265154	20.00	ng	0.00
86) Perylene-d12	15.27	264	220220	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	905700	115.42	ng	0.01
7) Phenol-d6	6.36	99	1086657	112.64	ng	0.00
23) Nitrobenzene-d5	7.28	82	637822	77.63	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	229103	131.60	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1160158	89.00	ng	0.00
78) Terphenyl-d14	12.82	244	968199	78.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	113556	30.518	ng	# 74
3) Pyridine	3.13	79	332970	32.614	ng	# 64
4) n-Nitrosodimethylamine	3.07	42	201755	40.037	ng	83
6) Aniline	6.37	93	349575	28.036	ng	# 1
8) 2-Chlorophenol	6.50	128	337210	40.297	ng	99
9) Benzaldehyde	6.26	77	114706	18.999	ng	97
10) Phenol	6.37	94	409410	37.252	ng	80
11) bis(2-Chloroethyl)ether	6.45	93	327194	38.523	ng	91
12) 1,3-Dichlorobenzene	6.66	146	358158	40.819	ng	99
13) 1,4-Dichlorobenzene	6.73	146	361194	41.186	ng	95
14) 1,2-Dichlorobenzene	6.89	146	331909	41.219	ng	99
15) Benzyl Alcohol	6.86	79	275211	42.677	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	693570	40.168	ng	91
17) 2-Methylphenol	6.97	107	279964	41.980	ng	97
18) Hexachloroethane	7.23	117	128827	40.519	ng	# 83
19) n-Nitroso-di-n-propylamine	7.13	70	225480	39.233	ng	# 85
20) 3+4-Methylphenols	7.13	107	325704	43.787	ng	97
22) Acetophenone	7.13	105	437705	40.573	ng	# 91
24) Nitrobenzene	7.30	77	336021	38.984	ng	89
25) Isophorone	7.54	82	619904	38.912	ng	95
26) 2-Nitrophenol	7.62	139	193917	42.505	ng	# 92
27) 2,4-Dimethylphenol	7.66	122	313683	40.380	ng	96
28) bis(2-Chloroethoxy)methane	7.75	93	420494	39.985	ng	100
29) 2,4-Dichlorophenol	7.86	162	288243	43.006	ng	95
30) 1,2,4-Trichlorobenzene	7.94	180	269181	42.576	ng	97
31) Naphthalene	8.02	128	979766	42.035	ng	100
32) Benzoic acid	7.75	122	32202m	4.936	ng	
33) 4-Chloroaniline	8.06	127	210127	21.704	ng	98
34) Hexachlorobutadiene	8.15	225	136984	42.243	ng	96
35) Caprolactam	8.45	113	98540m	42.636	ng	
36) 4-Chloro-3-methylphenol	8.56	107	306638	41.347	ng	87
37) 2-Methylnaphthalene	8.71	142	671872	45.283	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	225666	38.995	ng	98
40) Hexachlorocyclopentadiene	8.87	237	250723	89.102	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	185215	40.457	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	200363	44.264	ng	96
45) 1,1'-Biphenyl	9.18	154	742723	38.893	ng	99
46) 2-Chloronaphthalene	9.20	162	579209	40.699	ng	93
47) 2-Nitroaniline	9.29	65	211759	40.893	ng	94
48) Acenaphthylene	9.62	152	933538	41.397	ng	98
49) Dimethylphthalate	9.48	163	711652	42.772	ng	99
50) 2,6-Dinitrotoluene	9.54	165	157500	42.807	ng #	89
51) Acenaphthene	9.79	154	539838	38.836	ng	100
52) 3-Nitroaniline	9.70	138	134974	29.412	ng	87
53) 2,4-Dinitrophenol	9.81	184	47482	24.297	ng #	74
54) Dibenzofuran	9.96	168	810110	44.142	ng	99
55) 4-Nitrophenol	9.88	139	285463	75.050	ng #	70
56) 2,4-Dinitrotoluene	9.95	165	207551	44.545	ng #	80
57) Fluorene	10.30	166	588885	45.434	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	142383	45.464	ng	99
59) Diethylphthalate	10.18	149	690815	43.927	ng	100
60) 4-Chlorophenyl-phenylether	10.29	204	251779	44.646	ng	96
61) 4-Nitroaniline	10.32	138	187293	44.885	ng	91
62) Azobenzene	10.46	77	656457	43.169	ng	91
64) 4,6-Dinitro-2-methylphenol	10.35	198	54467	20.431	ng	93
65) n-Nitrosodiphenylamine	10.42	169	575842	42.458	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	167003	44.382	ng	96
67) Hexachlorobenzene	10.85	284	177419	43.072	ng #	87
68) Atrazine	10.95	200	171547	44.273	ng	96
69) Pentachlorophenol	11.05	266	135195	55.378	ng	98
70) Phenanthrene	11.26	178	914141	43.748	ng	99
71) Anthracene	11.31	178	937567	44.031	ng	99
72) Carbazole	11.46	167	897520	41.912	ng	99
73) Di-n-butylphthalate	11.80	149	1092619	42.125	ng	99
74) Fluoranthene	12.45	202	908040	44.323	ng	99
76) Benzidine	12.56	184	425503	33.444	ng #	94
77) Pyrene	12.67	202	928988	43.649	ng	98
79) Butylbenzylphthalate	13.30	149	478315	44.396	ng #	85
80) Benzo(a)anthracene	13.86	228	669220	43.584	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	129714	20.568	ng #	95
82) Chrysene	13.90	228	706935	43.965	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	528850	43.975	ng	100
84) Di-n-octyl phthalate	14.47	149	1022416	43.171	ng #	92
85) Indeno(1,2,3-cd)pyrene	16.64	276	533726	42.051	ng	98
87) Benzo(b)fluoranthene	14.88	252	601964	43.624	ng	98
88) Benzo(k)fluoranthene	14.91	252	552021m	44.722	ng	
89) Benzo(a)pyrene	15.22	252	543521	44.118	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	437010	45.091	ng #	96
91) Benzo(g,h,i)perylene	17.06	276	463982	46.200	ng	99

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

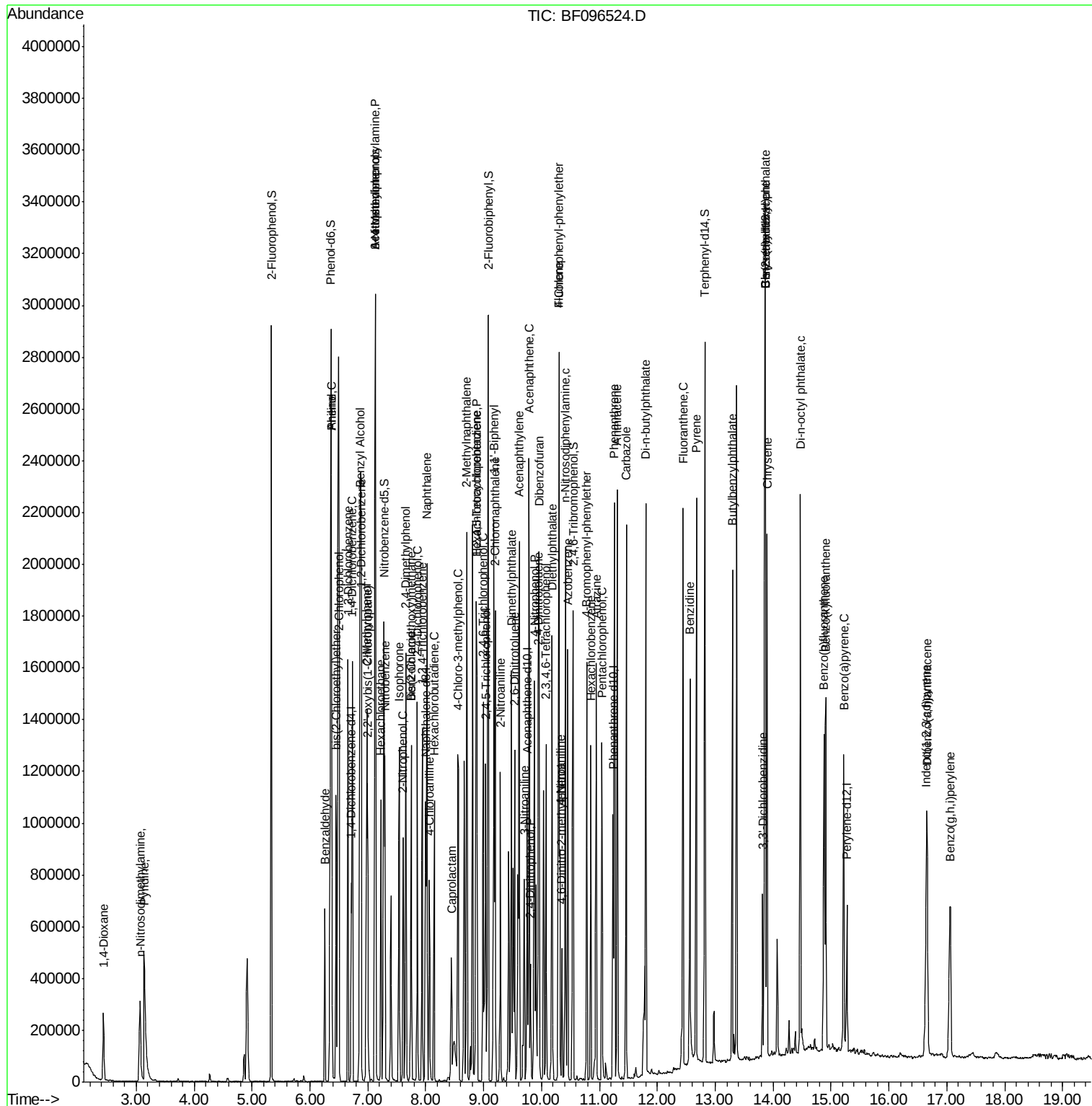
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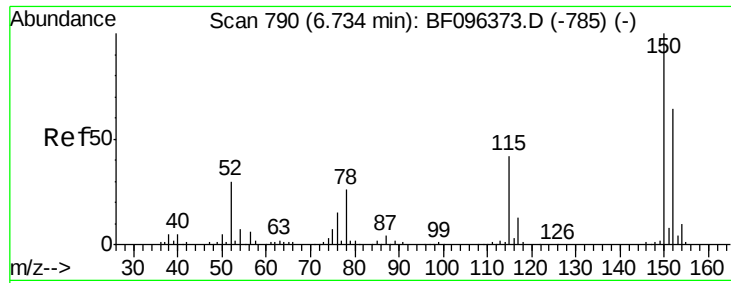
Instrument :
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#1

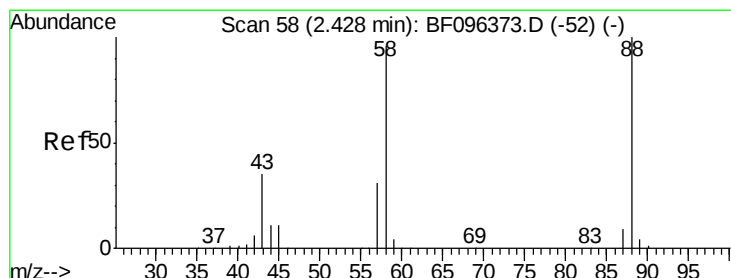
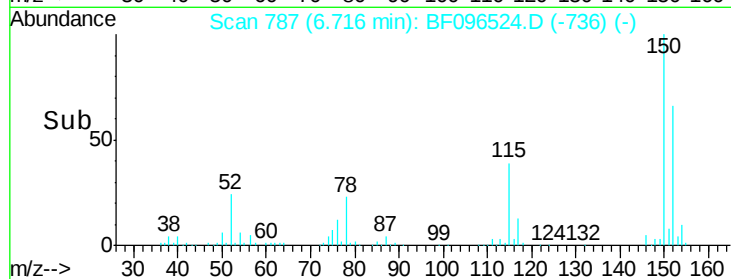
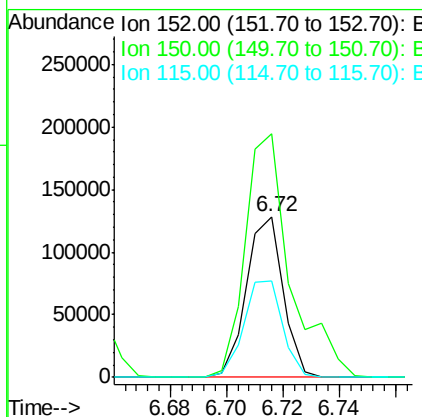
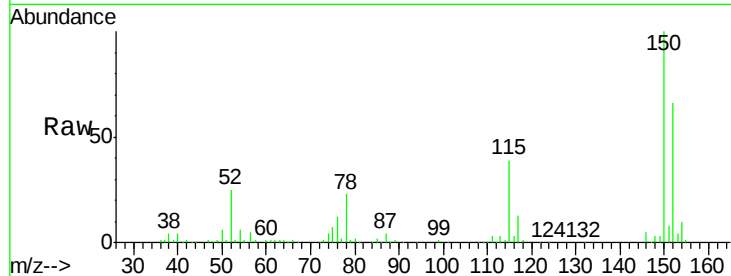
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.2	189.2
115	59.7	52.2	78.2

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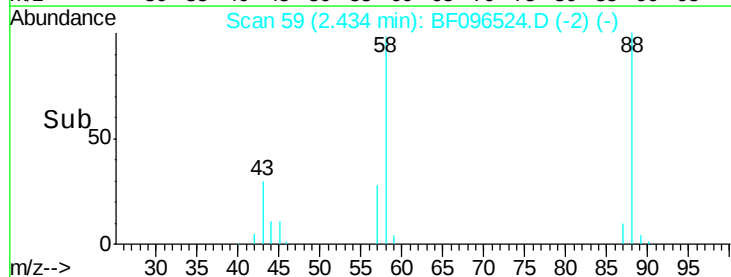
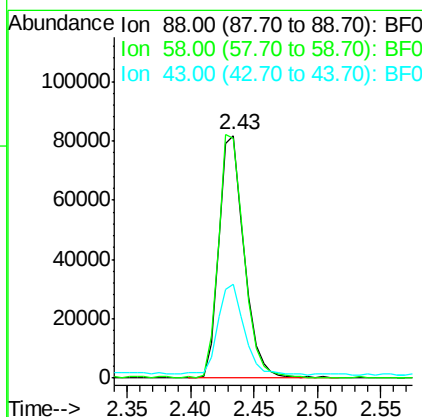
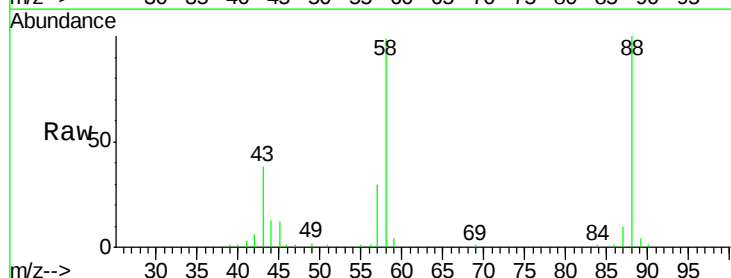
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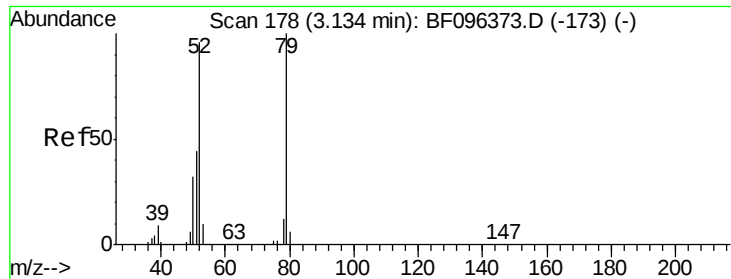


#2

1,4-Dioxane
Concen: 30.518 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.04 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.3	61.4	92.0#
43	38.8	23.4	35.0#





#3

Pyridine

Concen: 32.614 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.04 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Instrument :

BNA_F

ClientSampleId :

PB100404BS

Tgt Ion: 79 Resp: 332970

Ion Ratio Lower Upper

79 100

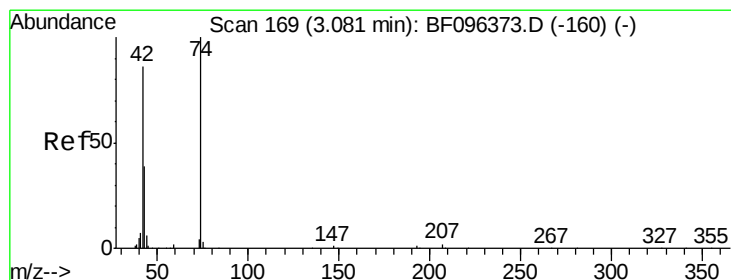
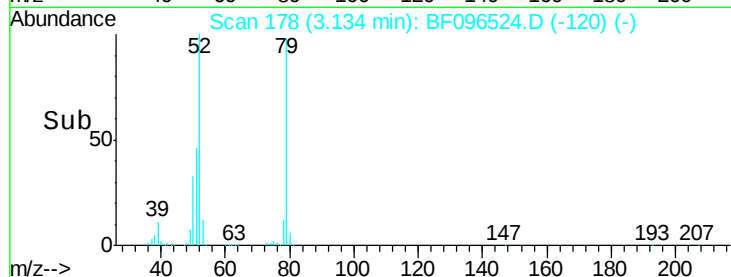
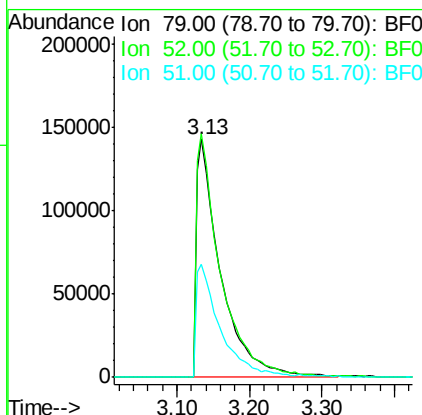
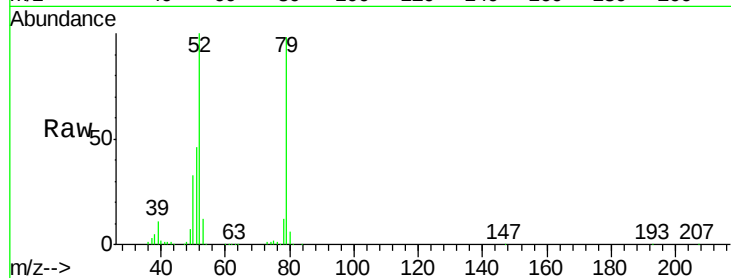
52 102.1 54.8 82.2#

51 47.3 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 40.037 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.03 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

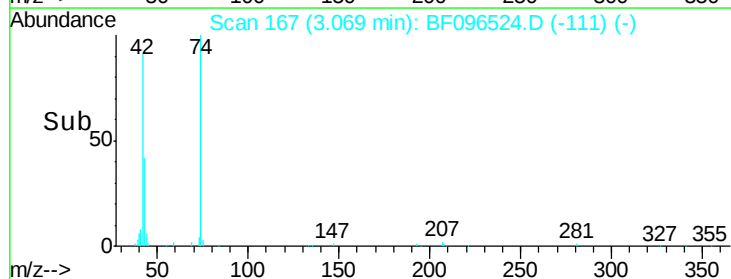
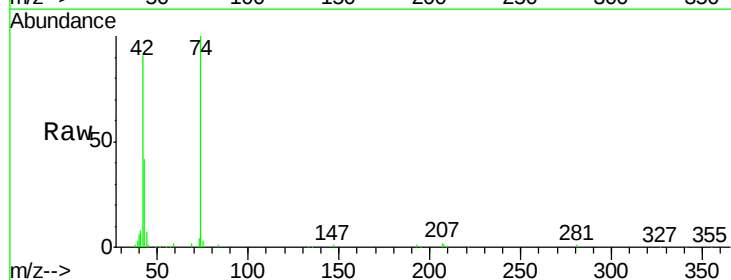
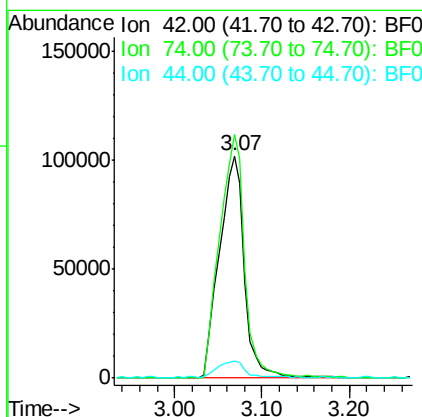
Tgt Ion: 42 Resp: 201755

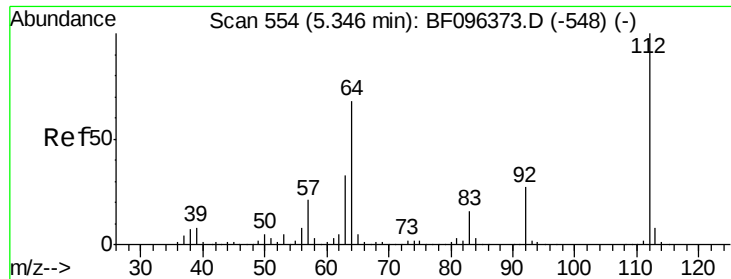
Ion Ratio Lower Upper

42 100

74 109.5 103.9 155.9

44 7.7 5.7 8.5





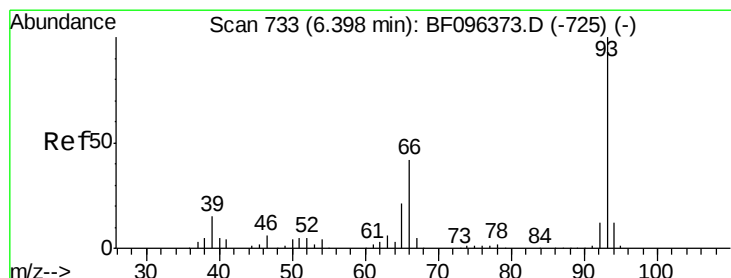
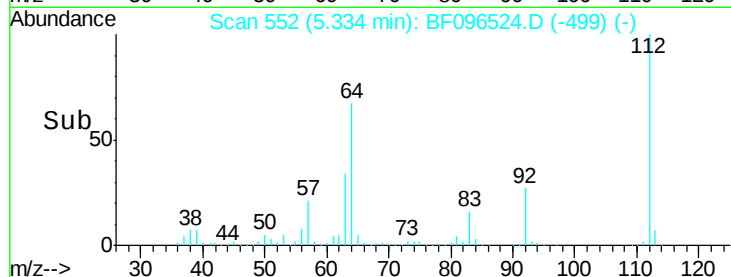
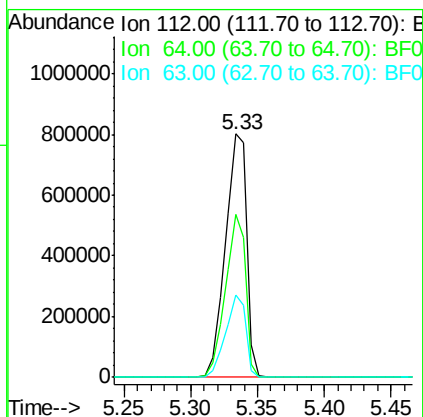
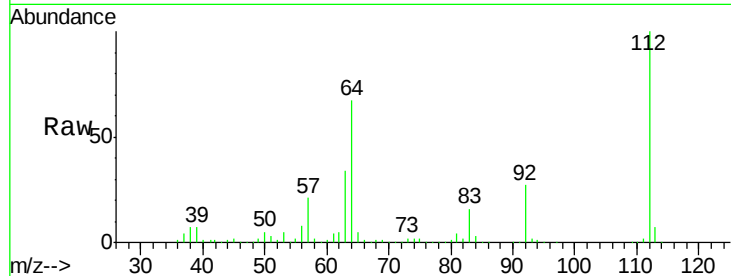
#5
2-Fluorophenol
Concen: 115.417 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	67.0	46.0	69.0
63	33.8	23.4	35.0

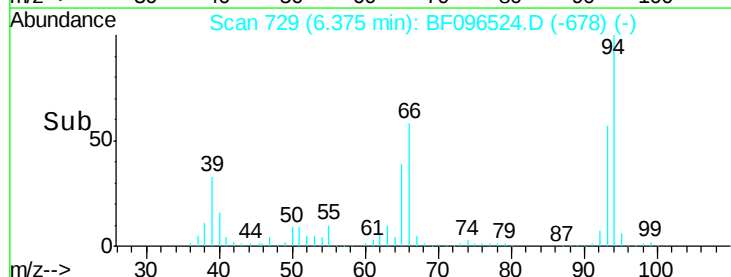
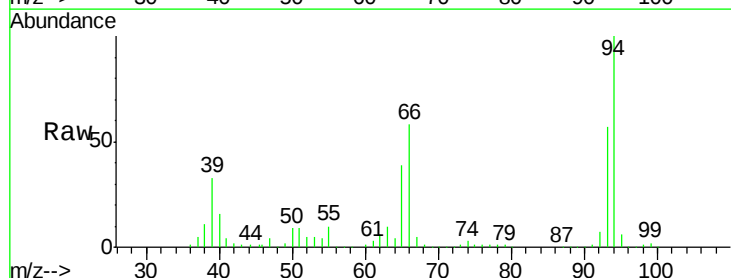
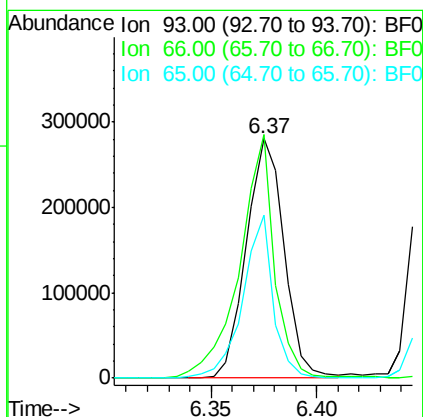
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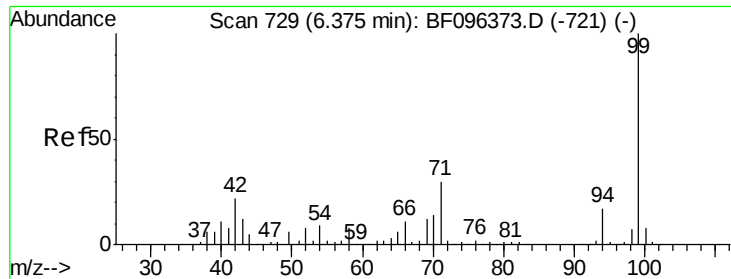
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#6
Aniline
Concen: 28.036 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	101.6	32.9	49.3#
65	68.3	16.0	24.0#





#7

Phenol-d6

Concen: 112.641 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Instrument :

BNA_F

ClientSampleId :

PB100404BS

Tgt Ion: 99 Resp: 1086657

Ion Ratio Lower Upper

99 100

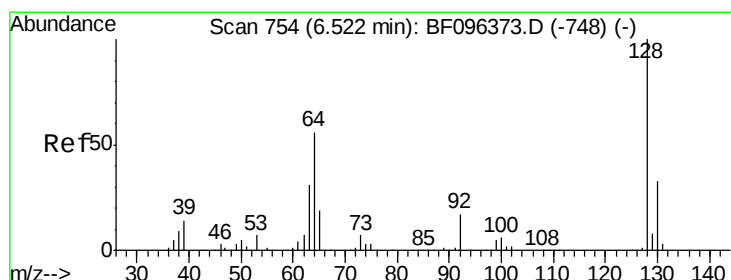
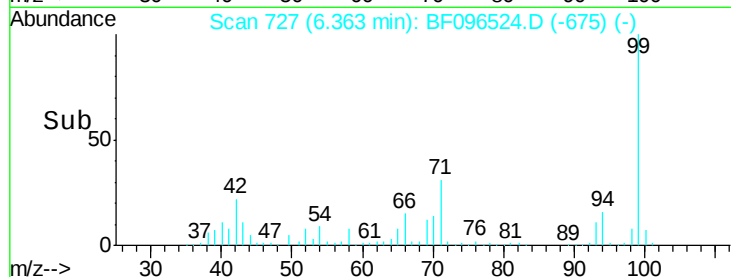
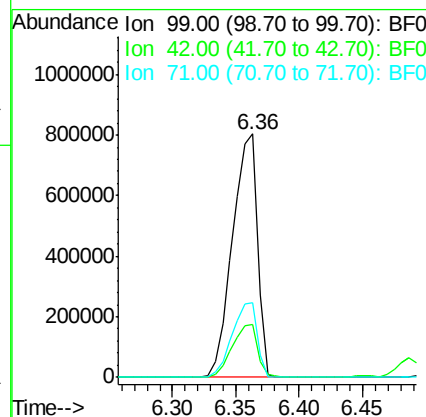
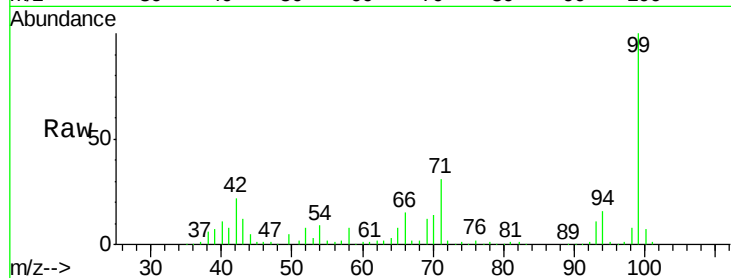
42 21.6 13.5 20.3#

71 30.8 24.5 36.7

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#8

2-Chlorophenol

Concen: 40.297 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

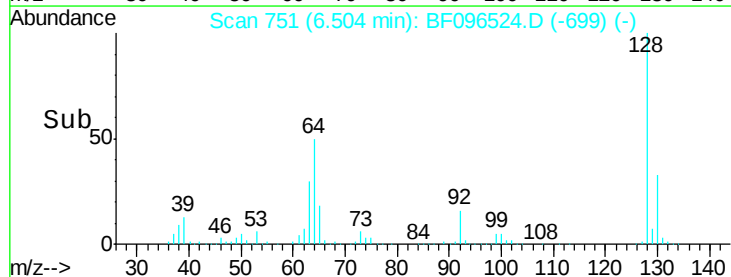
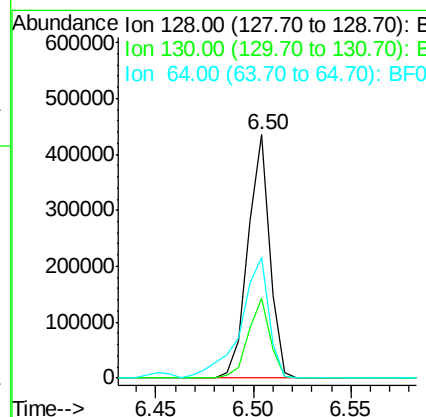
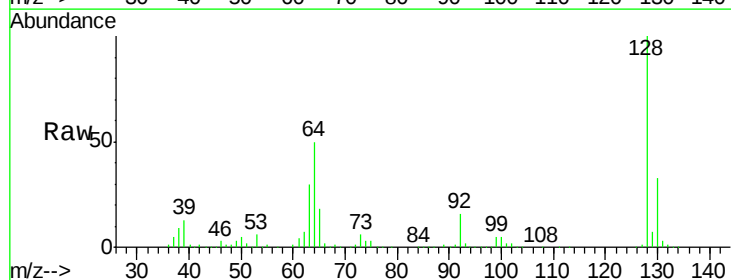
Tgt Ion: 128 Resp: 337210

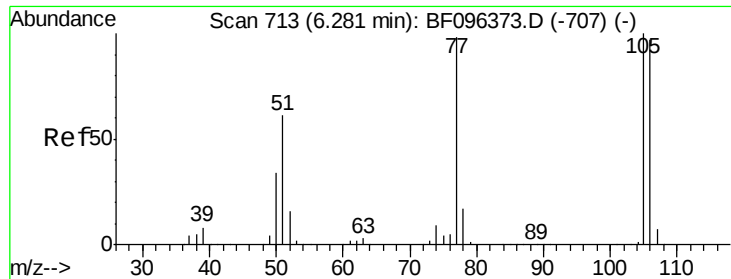
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 49.6 28.4 68.4





#9

Benzaldehyde

Concen: 18.999 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Instrument :

BNA_F

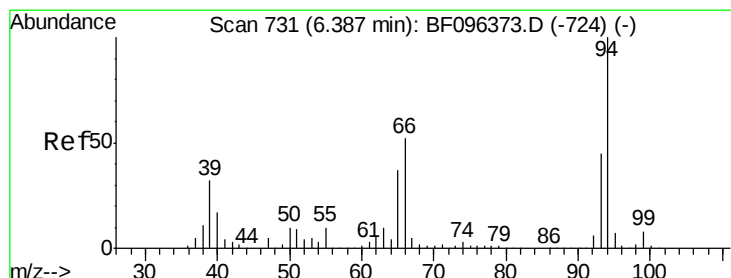
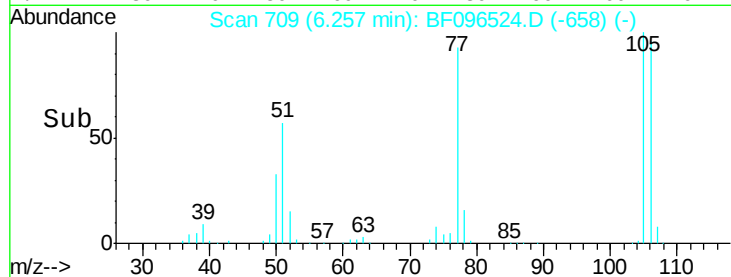
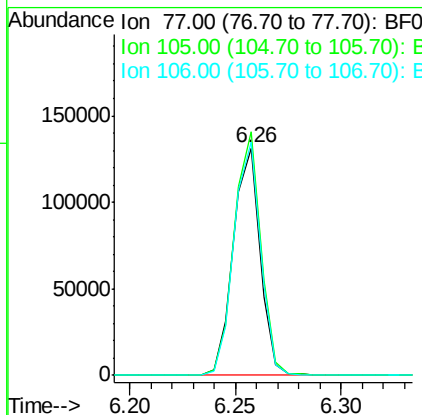
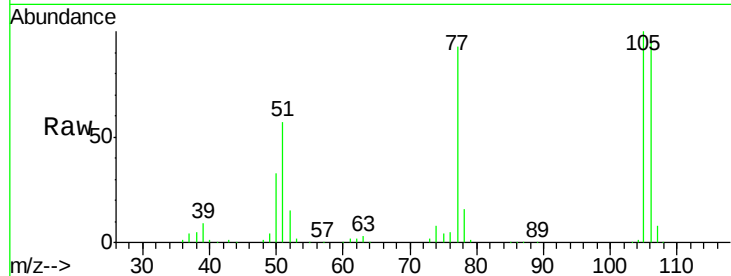
ClientSampleId :

PB100404BS

Tgt Ion:	77	Resp:	114706
Ion	Ratio	Lower	Upper
77	100		
105	107.3	83.8	123.8
106	102.6	79.1	119.1

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#10

Phenol

Concen: 37.252 ng

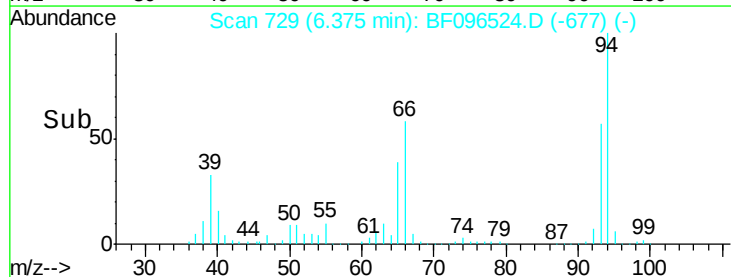
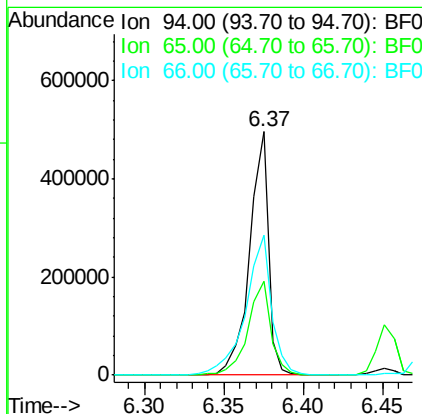
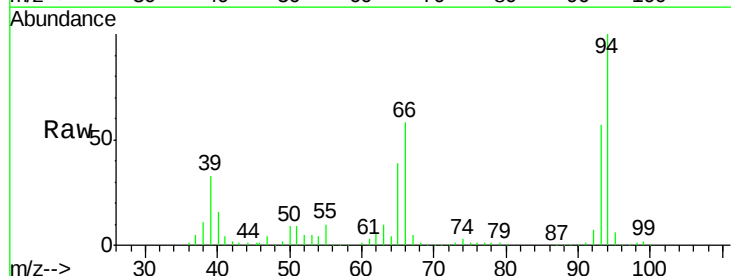
RT: 6.37 min Scan# 729

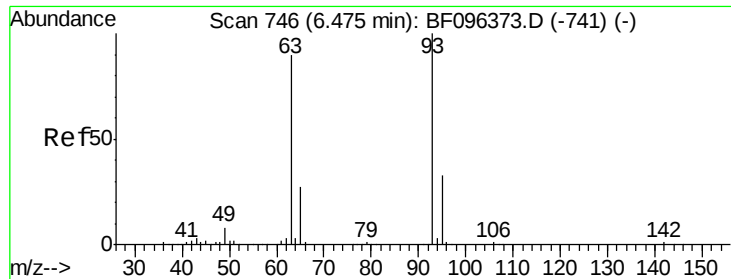
Delta R.T. 0.01 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Tgt Ion:	94	Resp:	409410
Ion	Ratio	Lower	Upper
94	100		
65	38.6	9.9	49.9
66	57.5	23.1	63.1





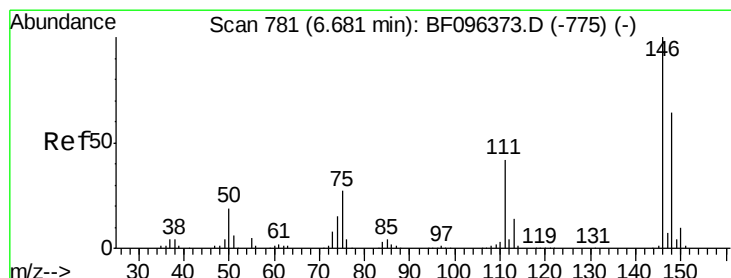
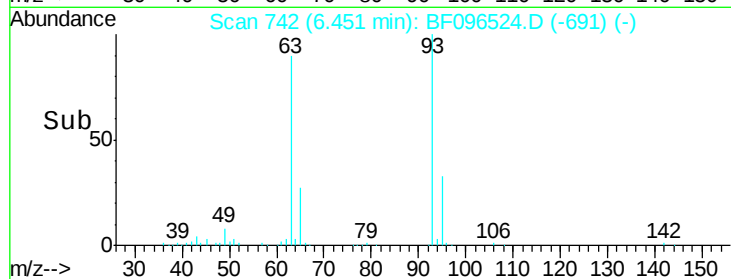
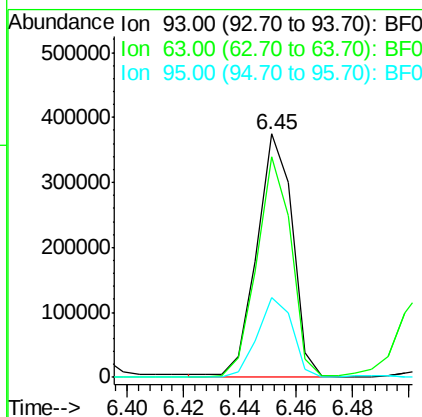
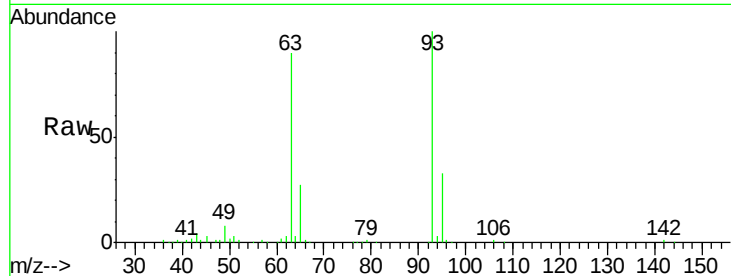
#11
bis(2-Chloroethyl)ether
Concen: 38.523 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	90.5	59.2	99.2
95	32.5	12.8	52.8

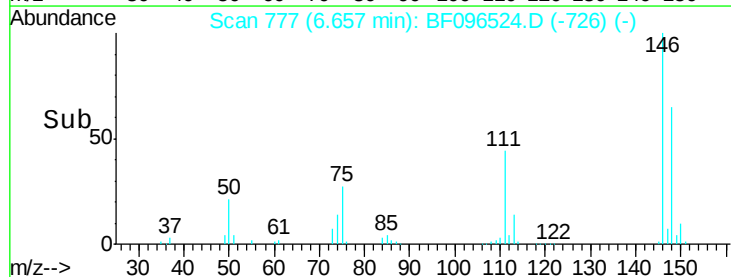
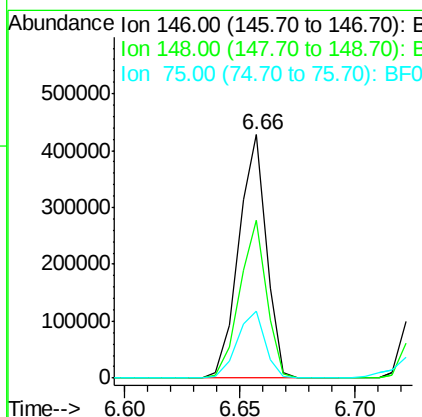
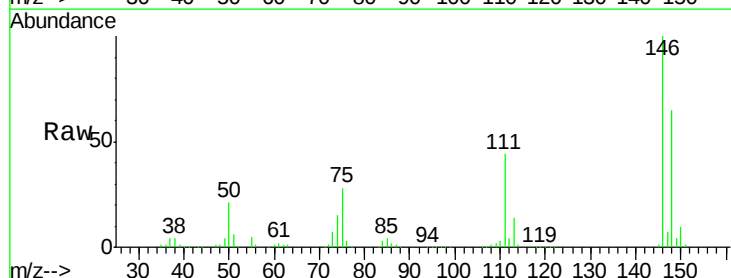
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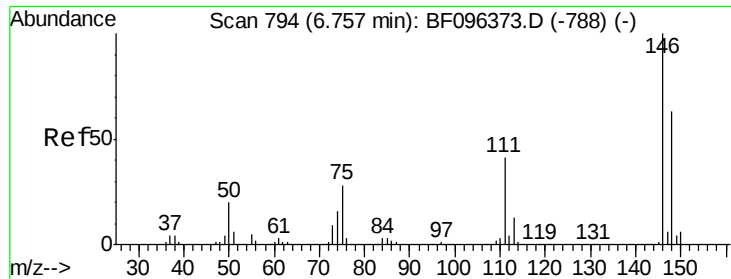
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.819 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
75	27.7	23.1	34.7





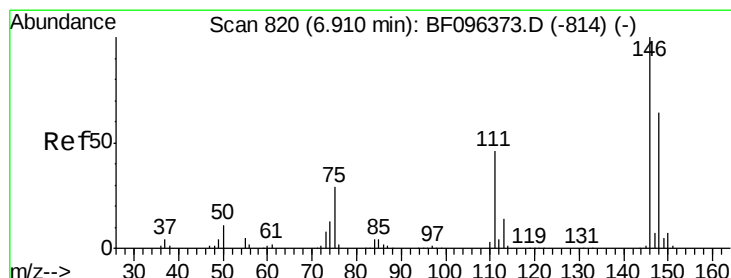
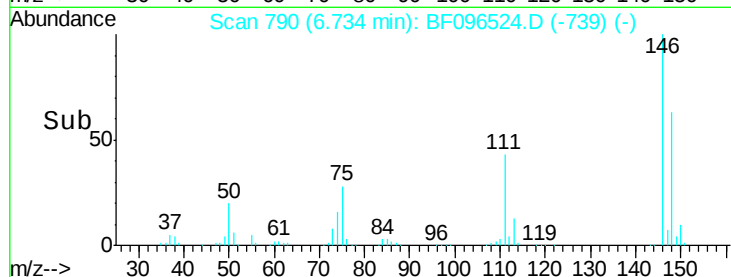
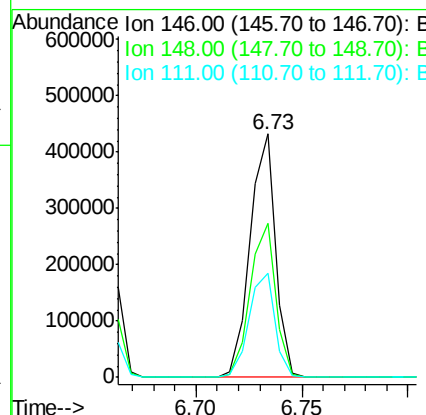
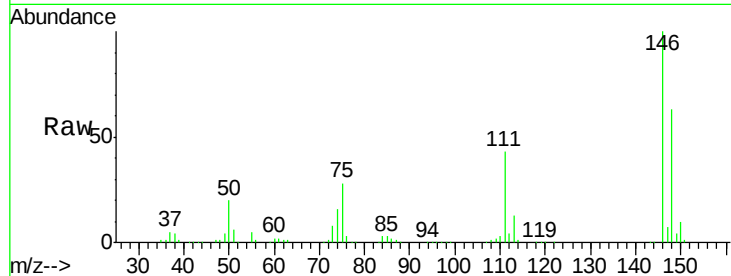
#13
1,4-Dichlorobenzene
Concen: 41.186 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	42.9	30.3	45.5

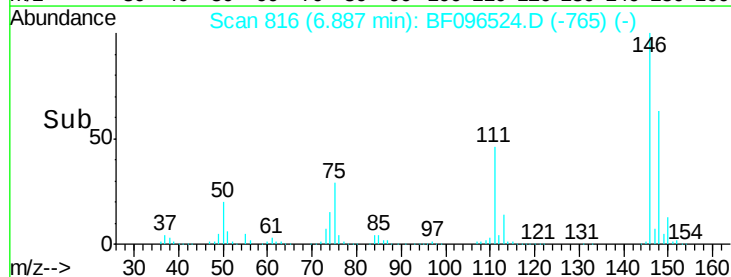
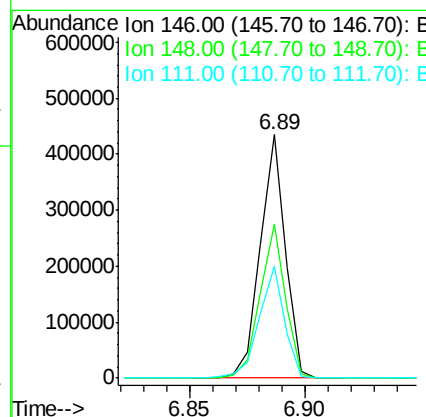
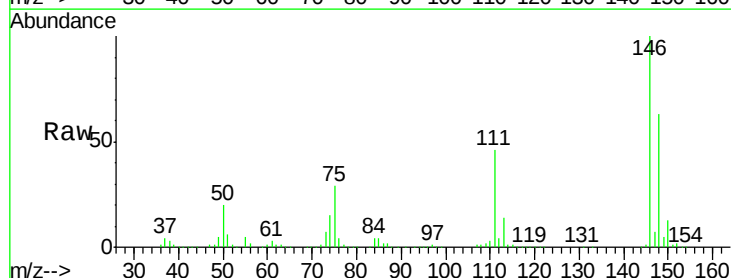
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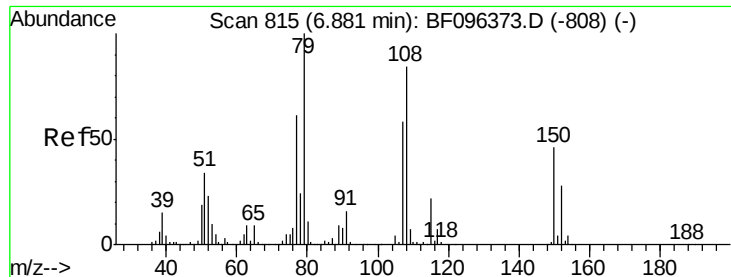
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.219 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
111	45.9	38.2	57.4





#15

Benzyl Alcohol

Concen: 42.677 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Instrument :

BNA_F

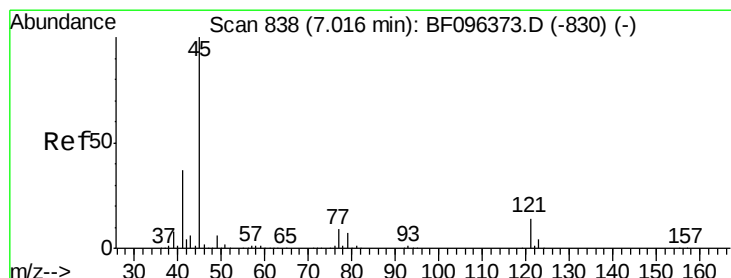
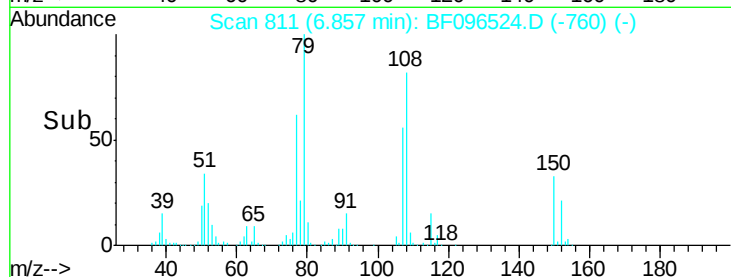
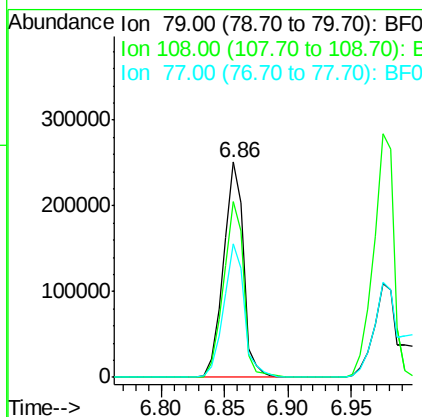
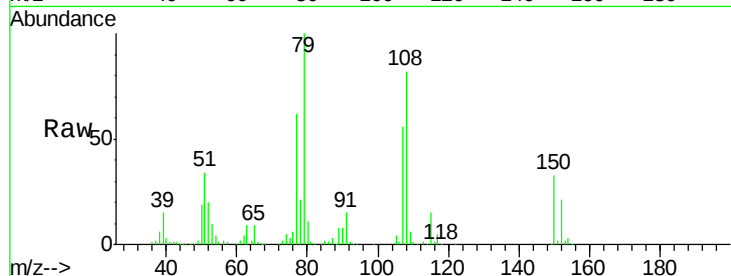
ClientSampleId :

PB100404BS

Tgt Ion:	79	Resp:	275211
Ion Ratio	Lower	Upper	
79	100		
108	81.6	63.4	95.0
77	62.0	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.168 ng

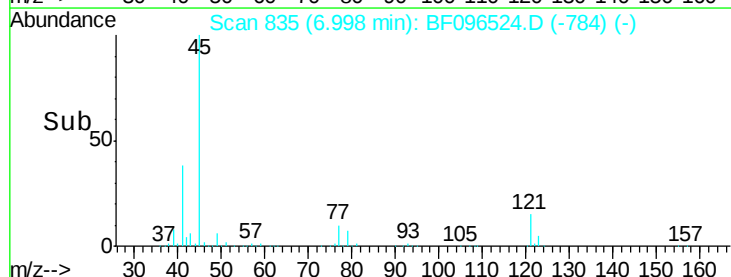
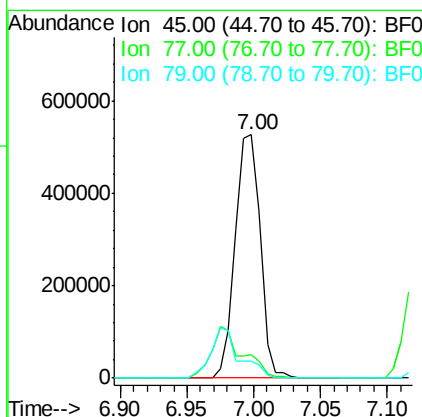
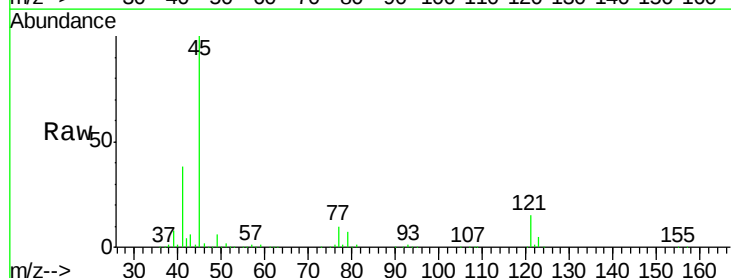
RT: 7.00 min Scan# 835

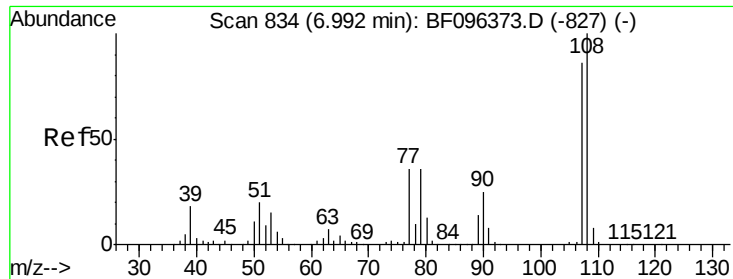
Delta R.T. -0.00 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Tgt Ion:	45	Resp:	693570
Ion Ratio	Lower	Upper	
45	100		
77	9.5	0.0	33.2
79	6.9	0.0	30.0





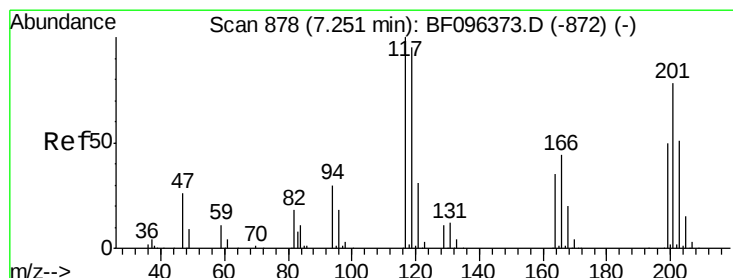
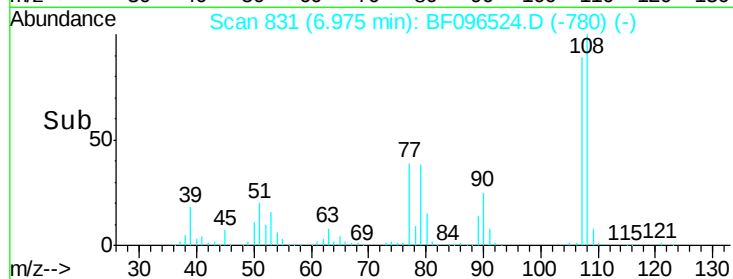
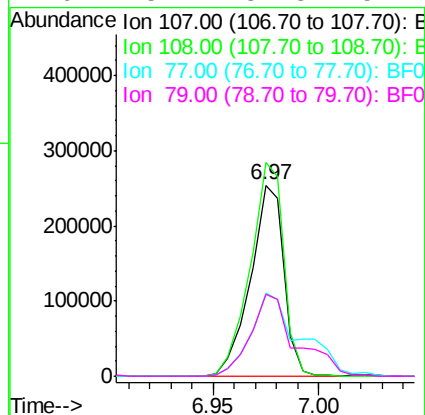
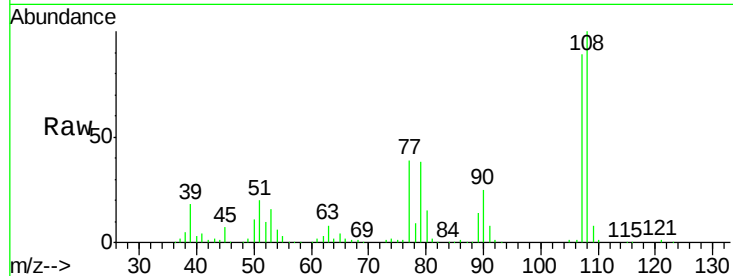
#17
2-Methylphenol
Concen: 41.980 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion:	107	Resp:	279964
Ion Ratio	Lower	Upper	
107	100		
108	111.9	93.4	140.0
77	43.6	35.8	53.6
79	43.1	34.8	52.2

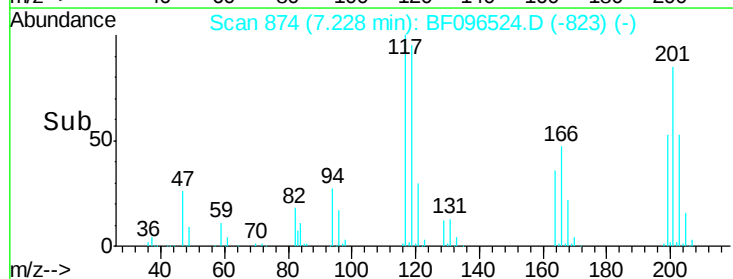
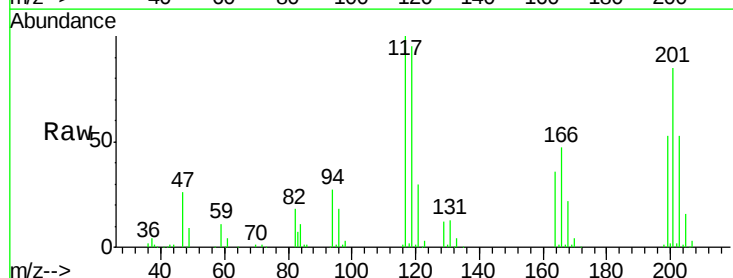
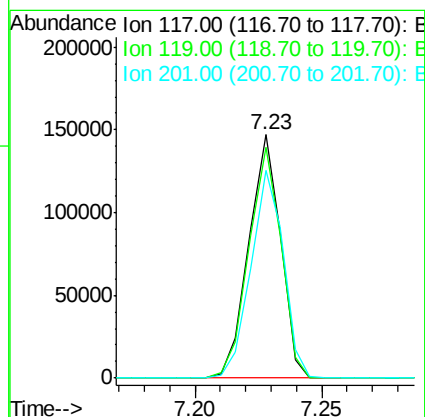
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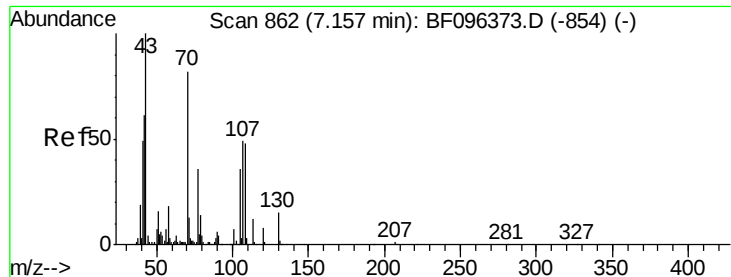
mohammad
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#18
Hexachloroethane
Concen: 40.519 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion:	117	Resp:	128827
Ion Ratio	Lower	Upper	
117	100		
119	94.7	77.4	116.0
201	85.4	94.6	141.8#





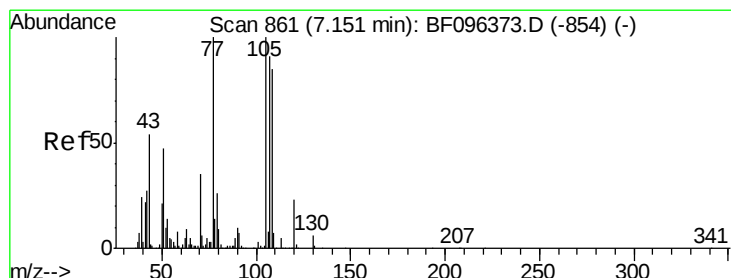
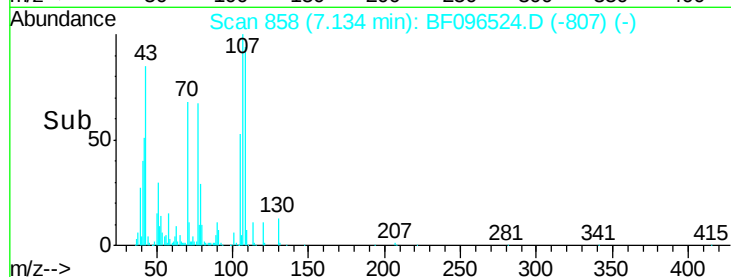
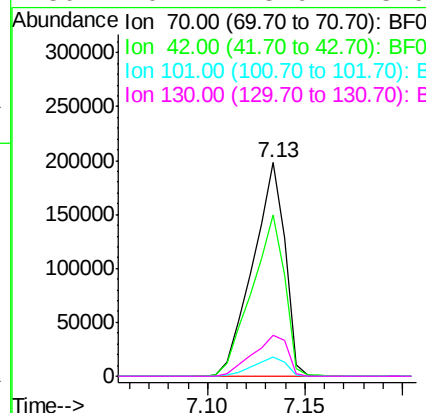
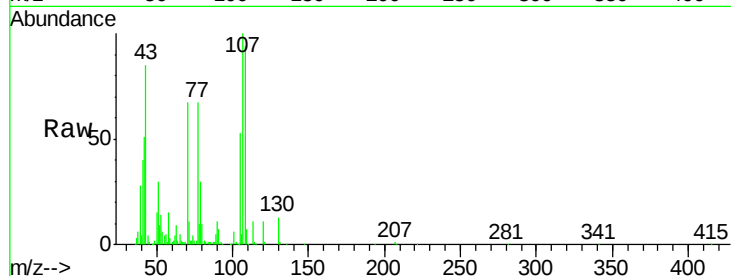
#19
n-Nitroso-di-n-propylamine
Concen: 39.233 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.6	47.2	70.8#
101	8.7	7.2	10.8
130	19.2	15.9	23.9

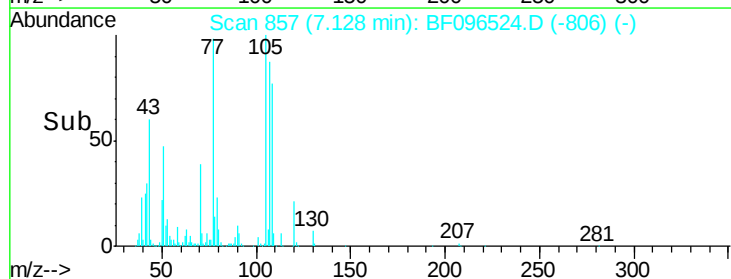
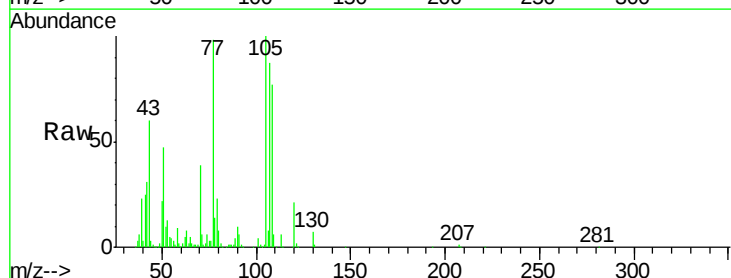
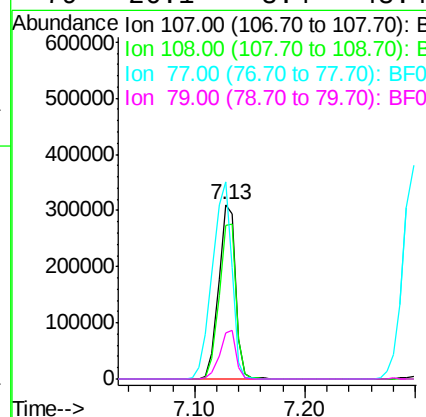
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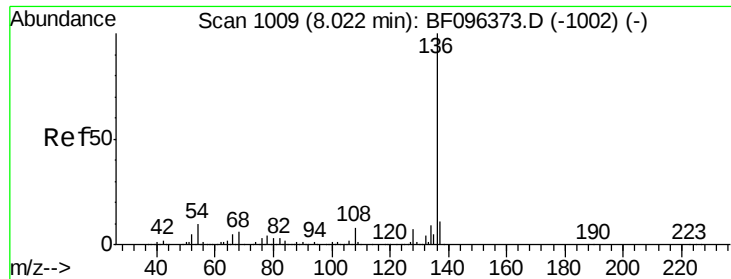
mohammad
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#20
3+4-Methylphenols
Concen: 43.787 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.0	111.0
77	112.8	90.5	130.5
79	26.1	8.4	48.4





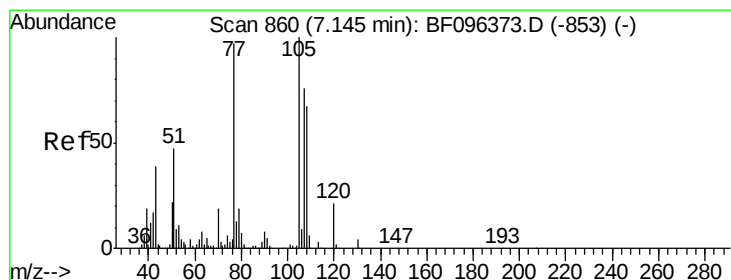
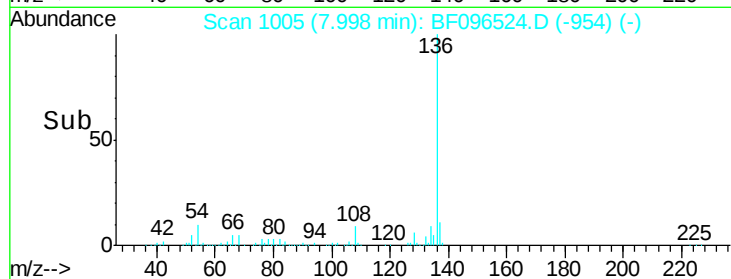
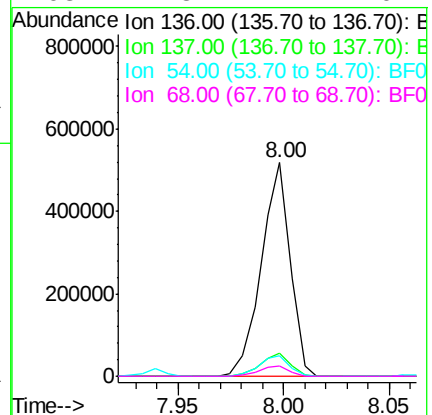
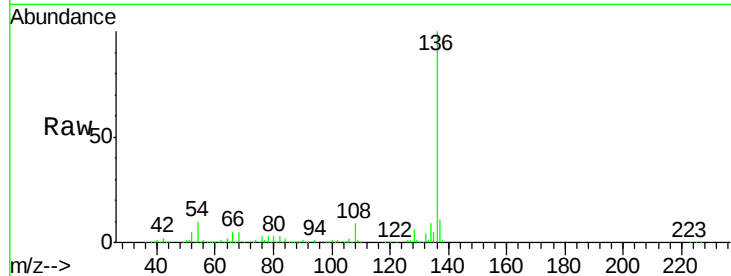
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	493729		
137	11.0	8.5	12.7	
54	9.7	4.9	7.3#	
68	4.8	4.1	6.1	

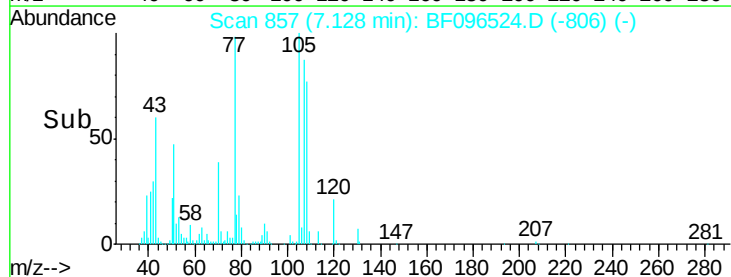
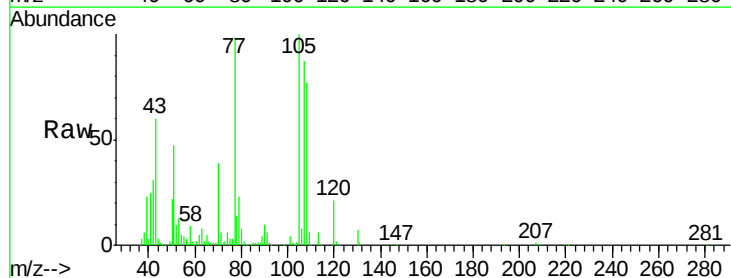
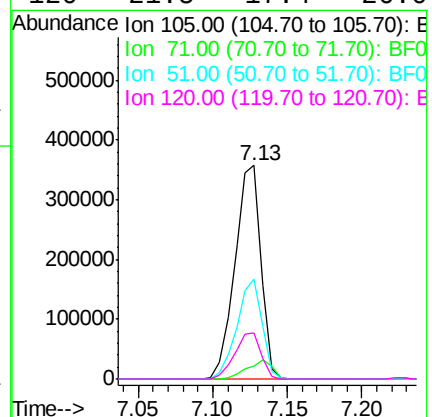
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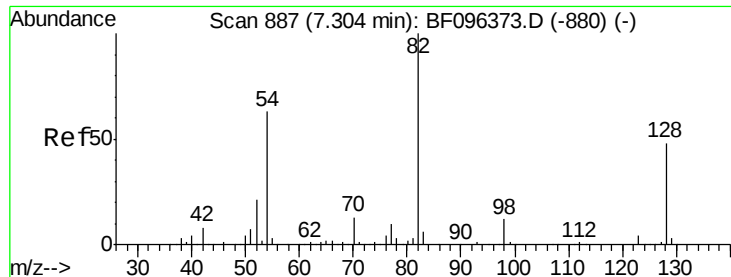
mohammad
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#22
Acetophenone
Concen: 40.573 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	437705		
71	6.2	2.8	4.2#	
51	46.8	30.7	46.1#	
120	21.5	17.4	26.0	





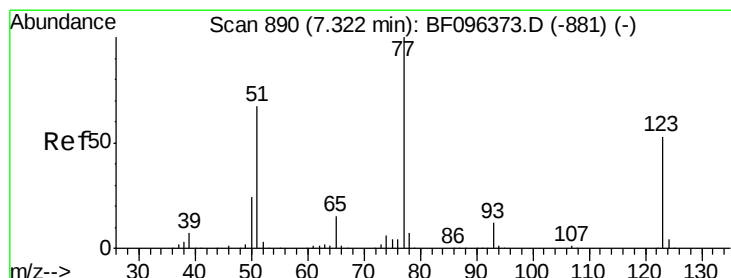
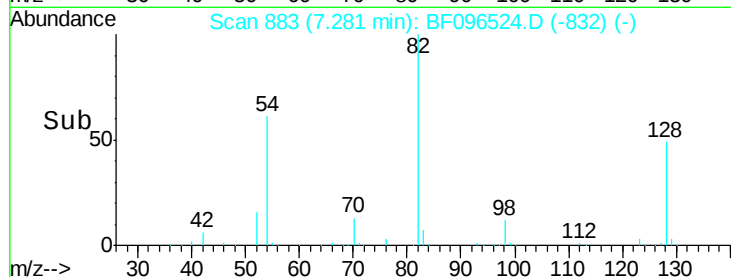
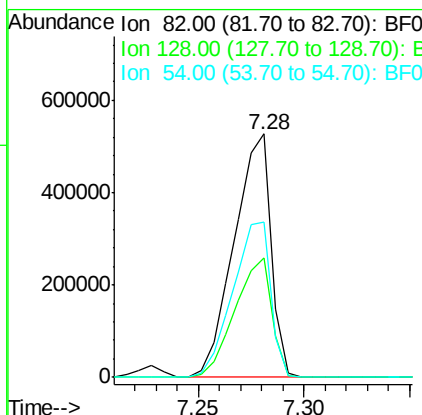
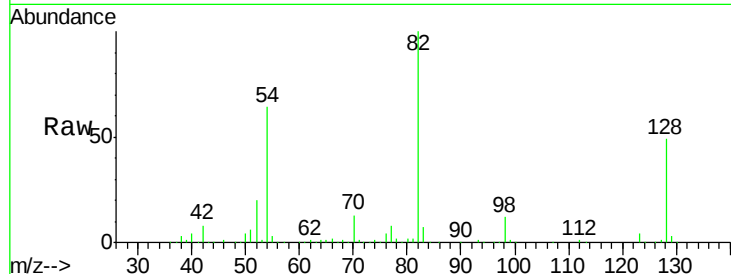
#23
 Nitrobenzene-d5
 Concen: 77.628 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.0	51.0
54	63.6	42.2	63.2

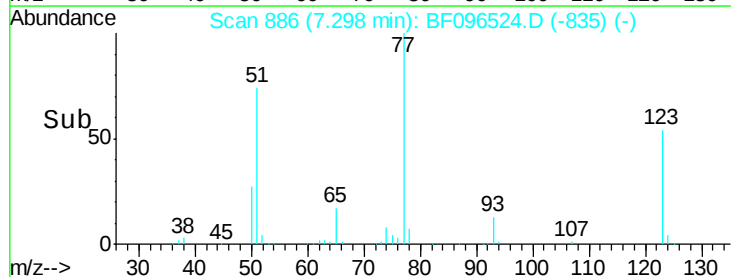
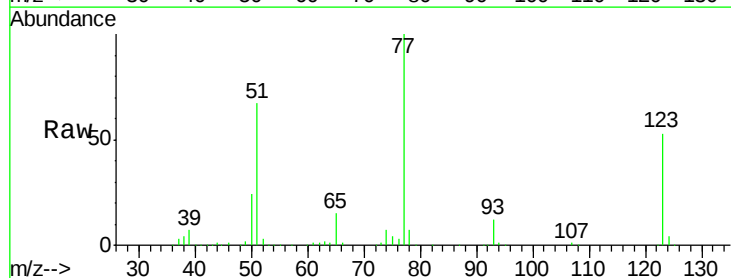
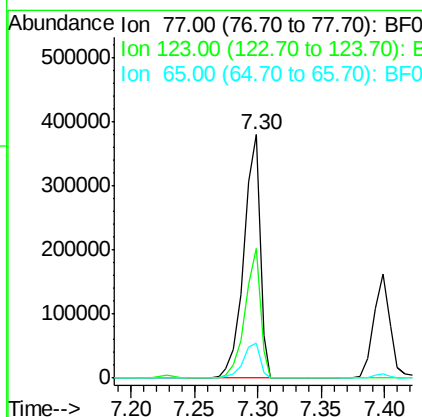
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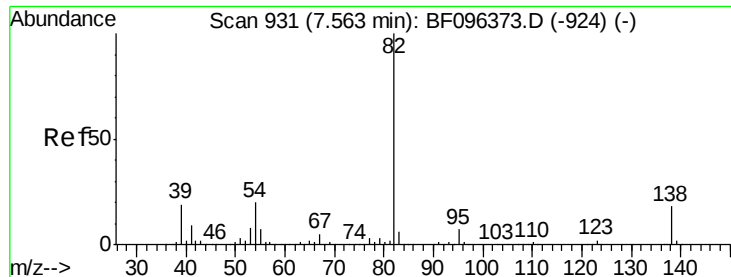
mohammad
 7/10/2017 11:44:43 AM



#24
 Nitrobenzene
 Concen: 38.984 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.2	35.8	53.8
65	14.5	10.6	15.8





#25

Isophorone

Concen: 38.912 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Instrument :

BNA_F

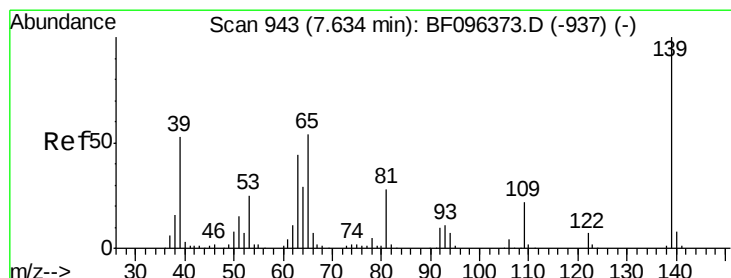
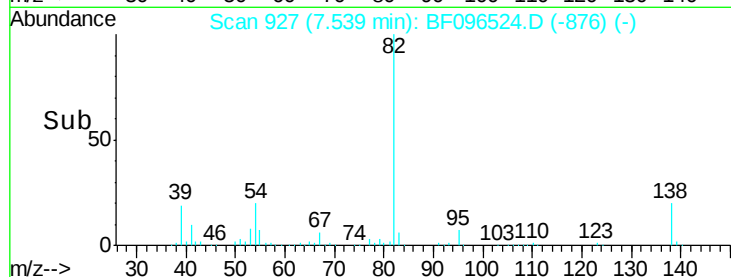
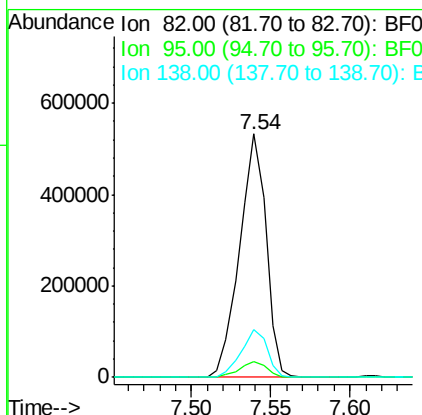
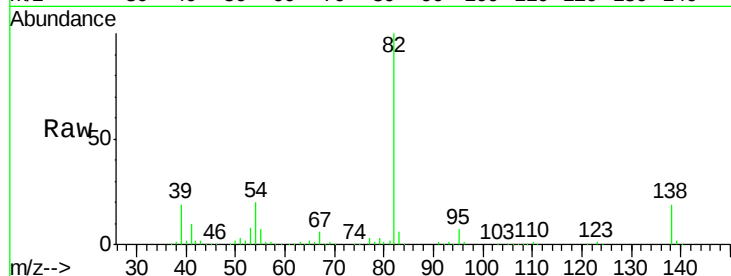
ClientSampleId :

PB100404BS

Tgt Ion:	82	Resp:	619904
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.3	7.9
138	19.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 42.505 ng

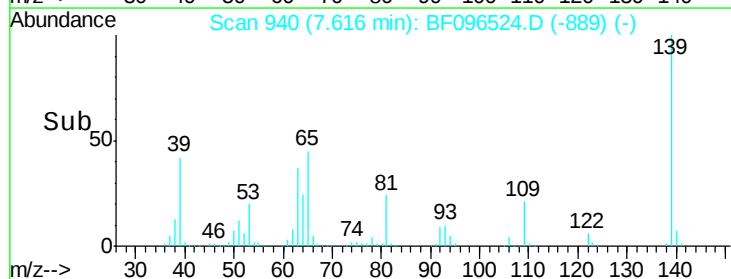
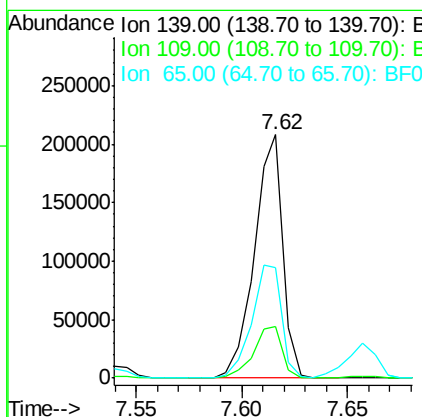
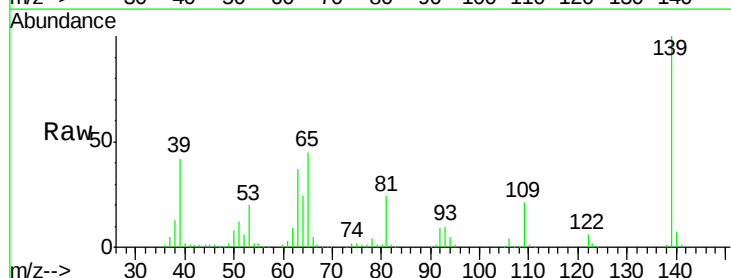
RT: 7.62 min Scan# 940

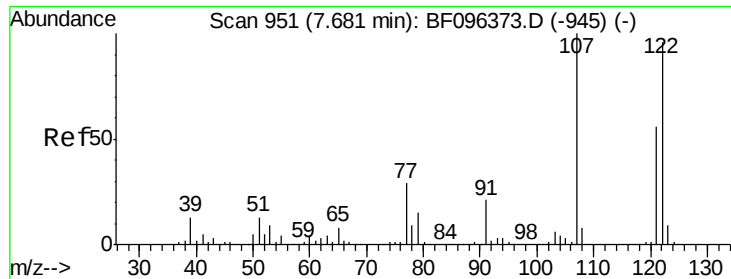
Delta R.T. -0.00 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Tgt Ion:	139	Resp:	193917
Ion Ratio		Lower	Upper
139	100		
109	21.0	21.0	31.6#
65	45.2	33.0	49.6





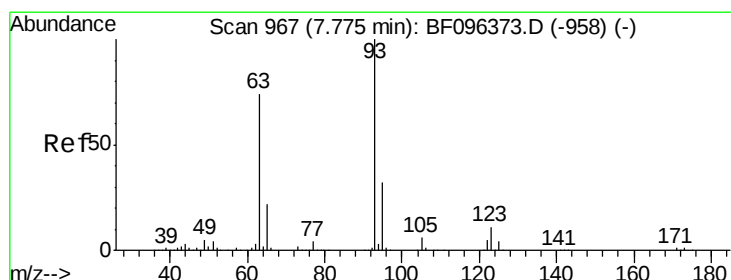
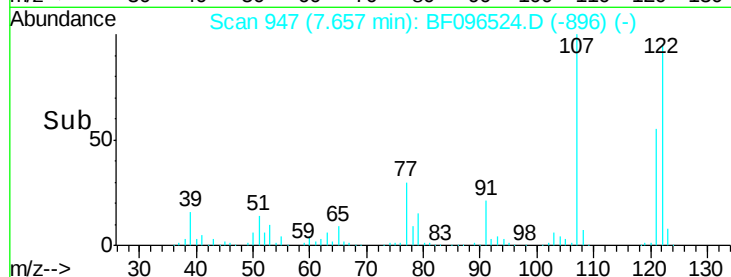
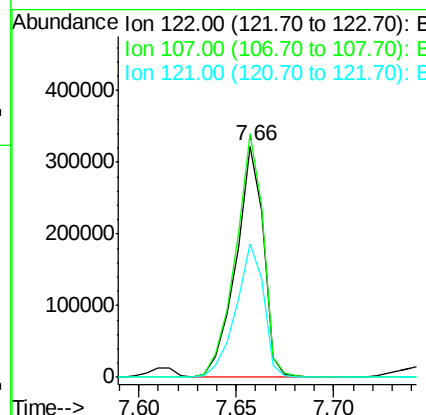
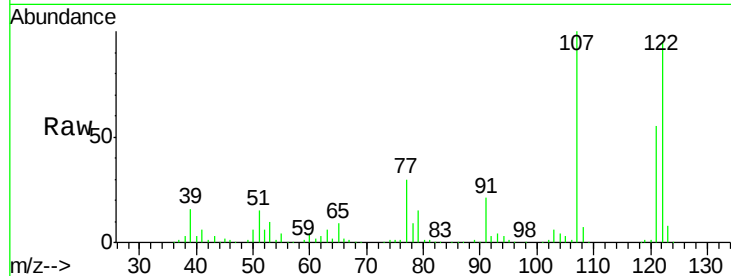
#27
2,4-Dimethylphenol
Concen: 40.380 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	313683		
107	105.4	89.2	133.8	
121	57.8	45.2	67.8	

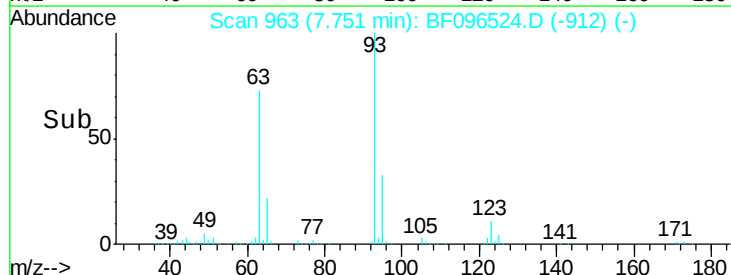
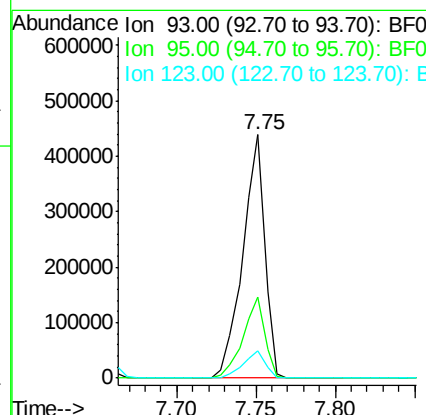
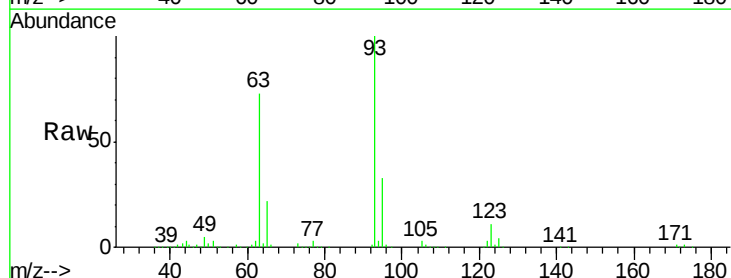
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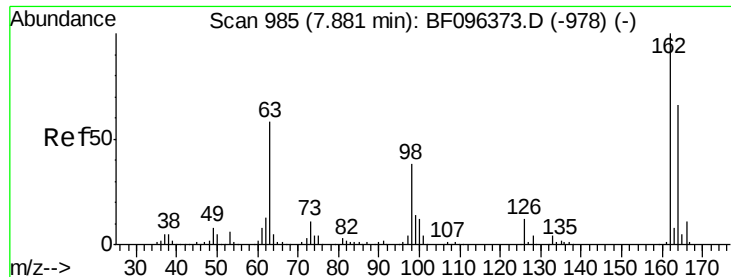
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.985 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	420494		
95	33.1	26.5	39.7	
123	11.5	9.0	13.4	





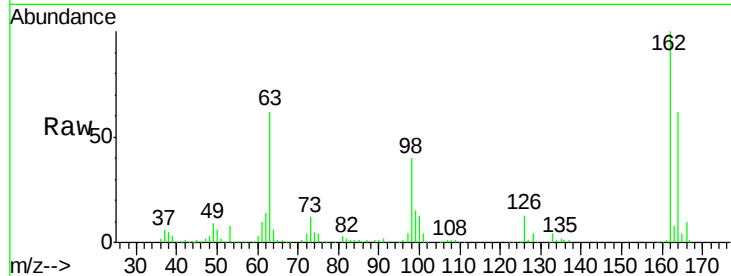
#29
2,4-Dichlorophenol
Concen: 43.006 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

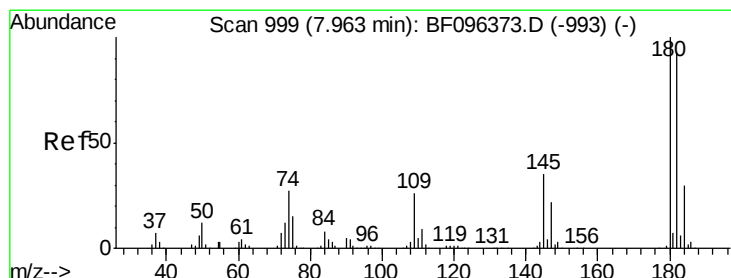
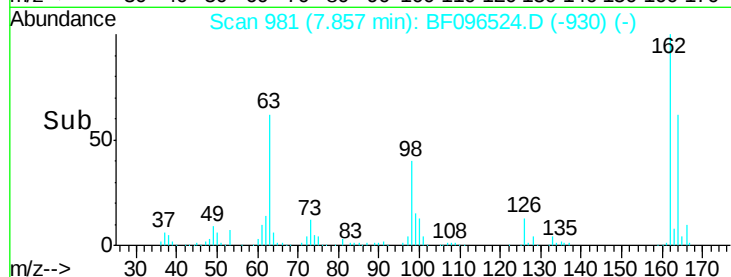
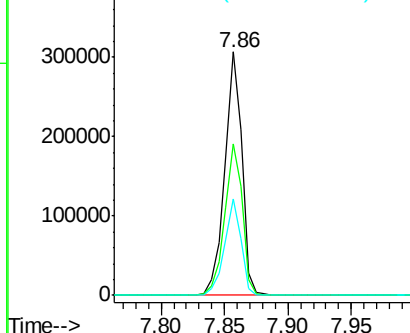
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	288243		
164	62.4	44.6	84.6	
98	39.7	14.8	54.8	

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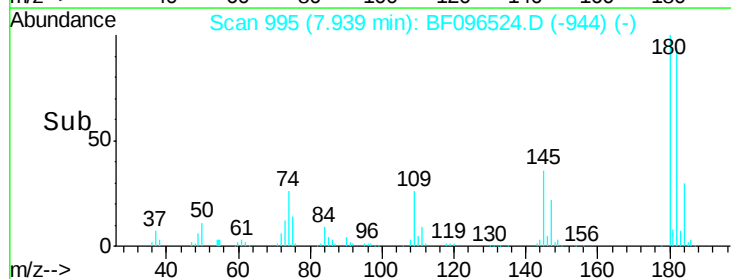
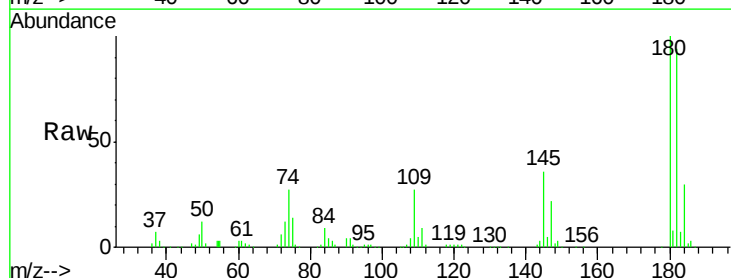
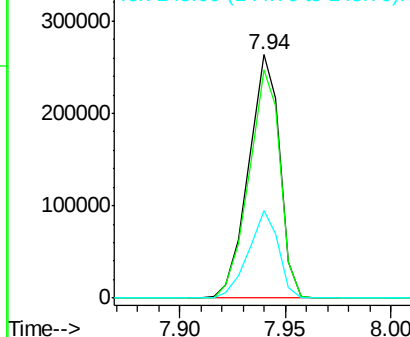
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

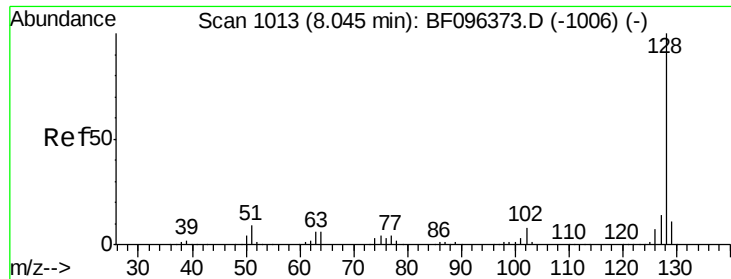


#30
1,2,4-Trichlorobenzene
Concen: 42.576 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	269181		
182	93.6	75.8	113.6	
145	35.8	25.3	37.9	

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





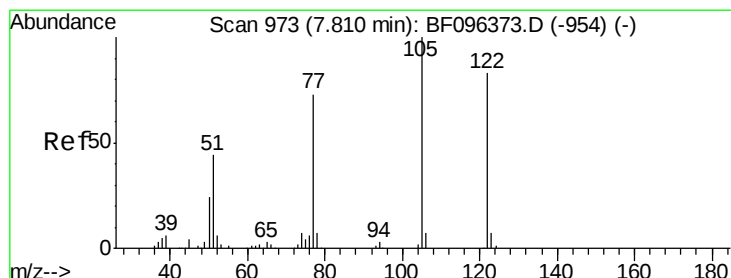
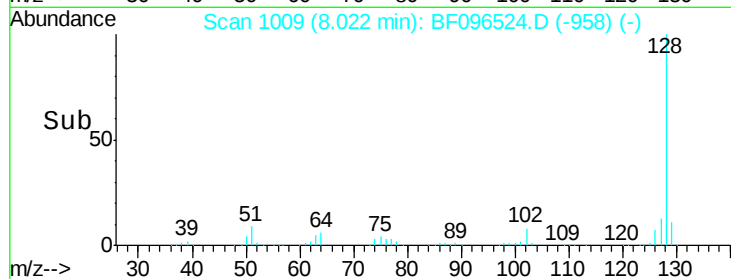
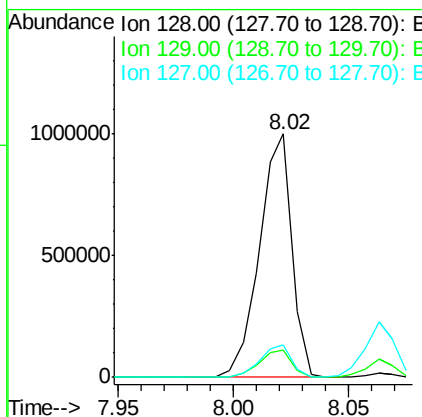
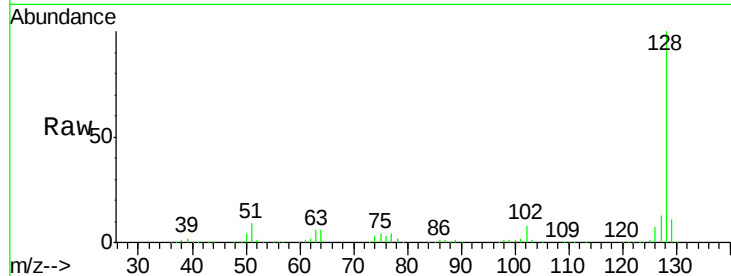
#31
Naphthalene
Concen: 42.035 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	979766		
129	11.1	9.0	13.6	
127	13.3	10.8	16.2	

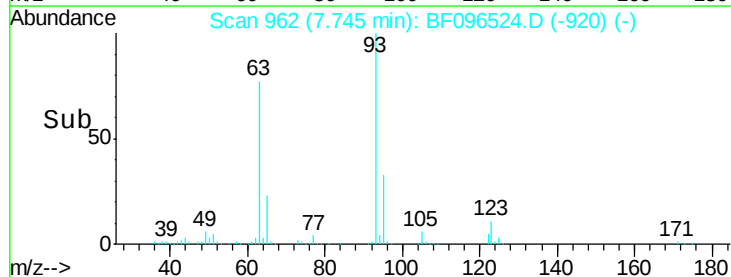
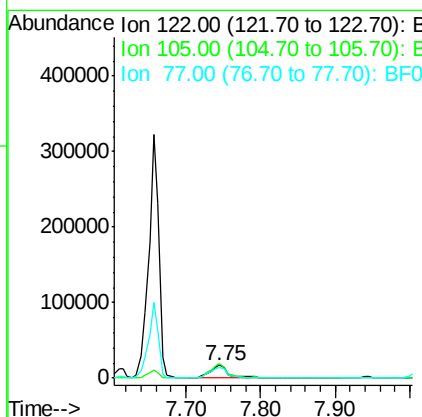
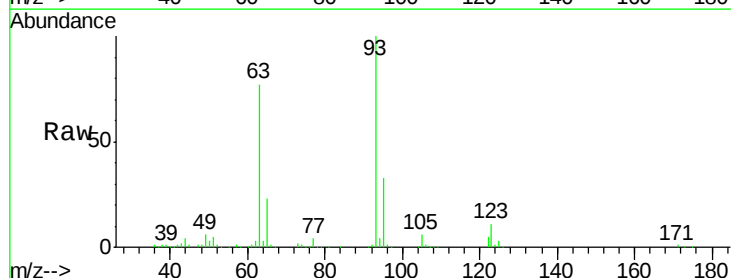
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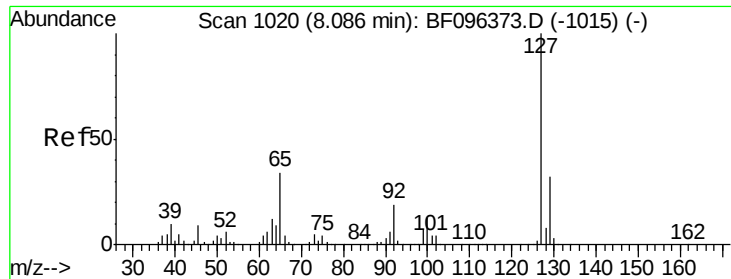
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#32
Benzoic acid
Concen: 4.936 ng m
RT: 7.75 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	32202		
105	113.3	103.3	143.3	
77	83.5	73.7	113.7	





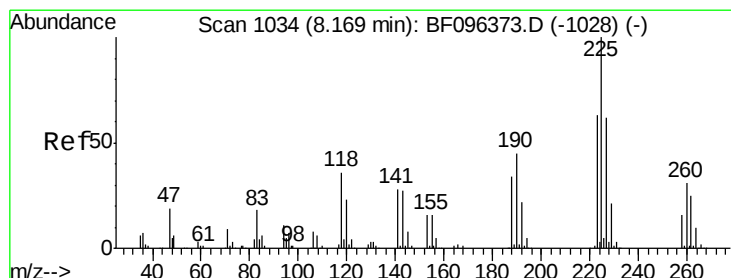
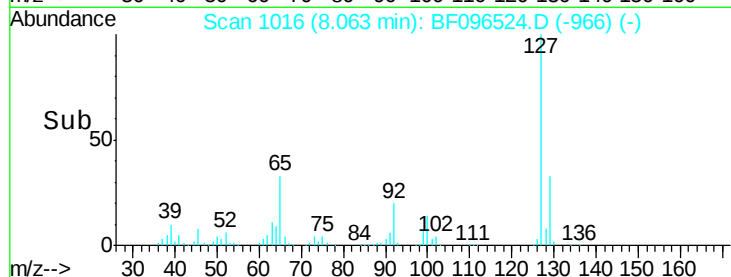
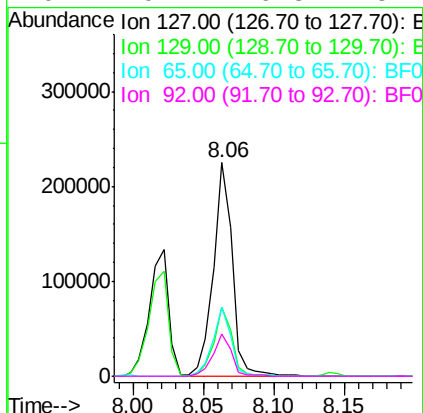
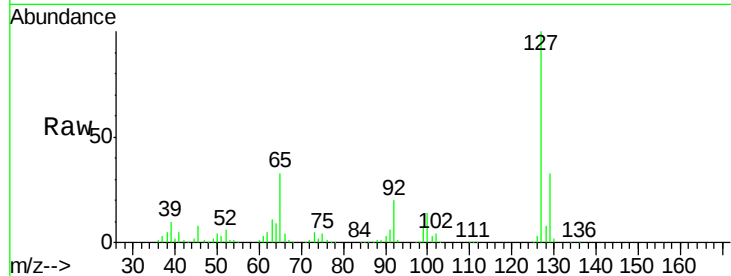
#33
4-Chloroaniline
Concen: 21.704 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	210127		
129	32.6	26.2	39.2	
65	32.6	27.8	41.8	
92	19.7	16.8	25.2	

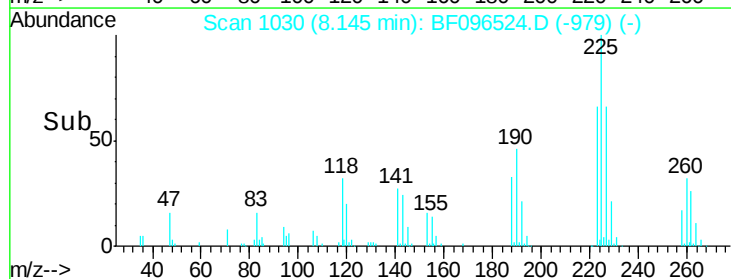
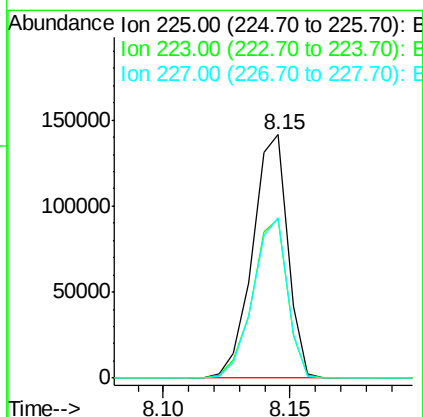
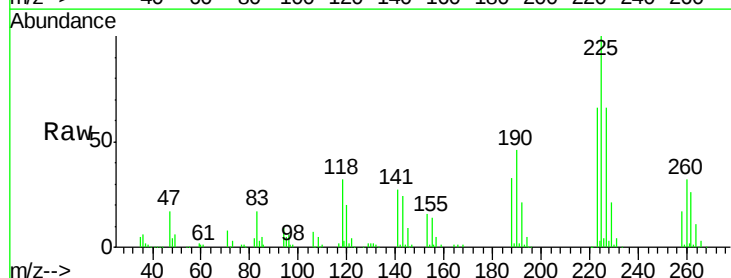
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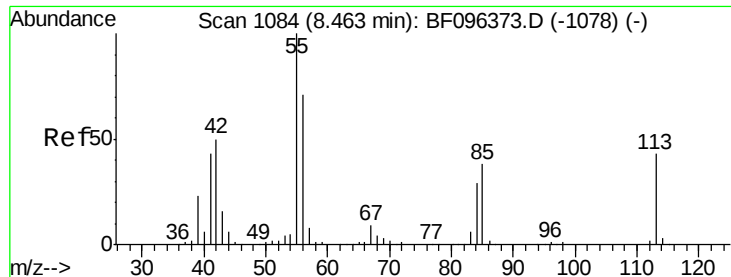
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#34
Hexachlorobutadiene
Concen: 42.243 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	136984		
223	65.5	48.8	73.2	
227	65.8	51.1	76.7	





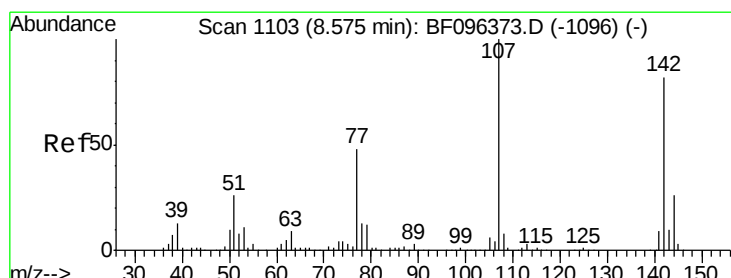
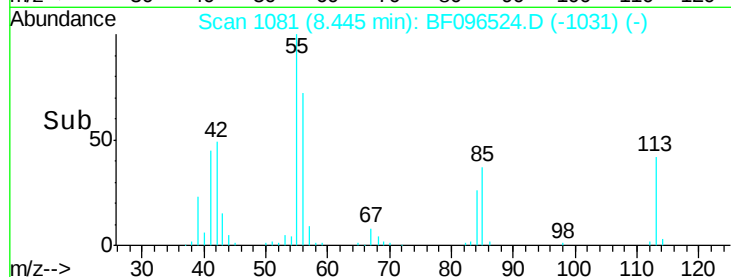
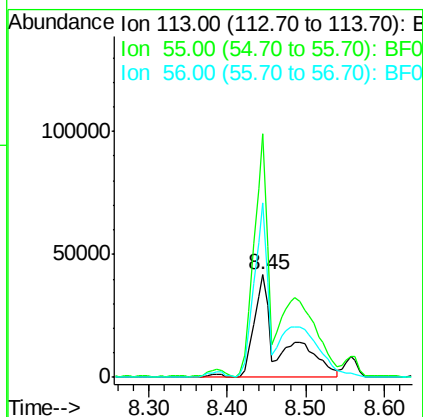
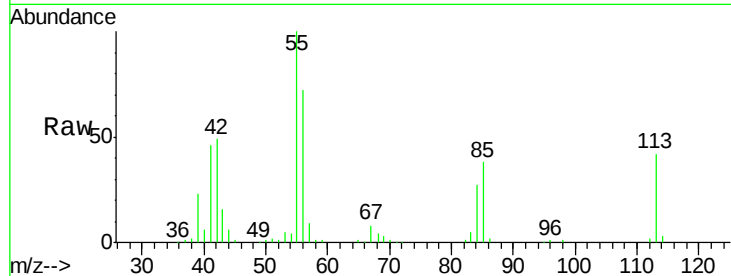
#35
 Caprolactam
 Concen: 42.636 ng m
 RT: 8.45 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

Tgt Ion:113 Resp: 98540
 Ion Ratio Lower Upper
 113 100
 55 237.6 150.2 190.2#
 56 170.0 107.8 147.8#

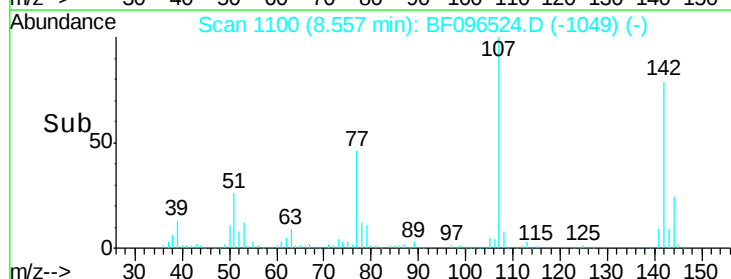
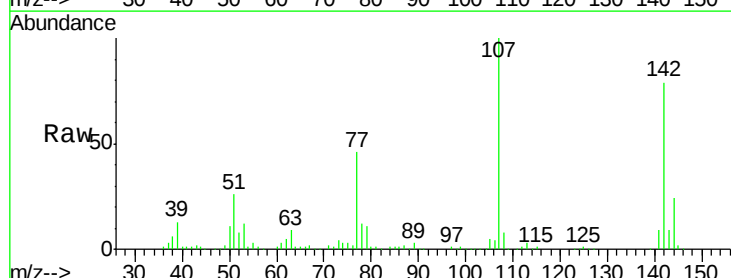
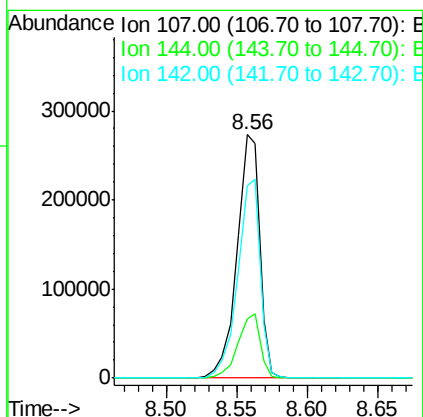
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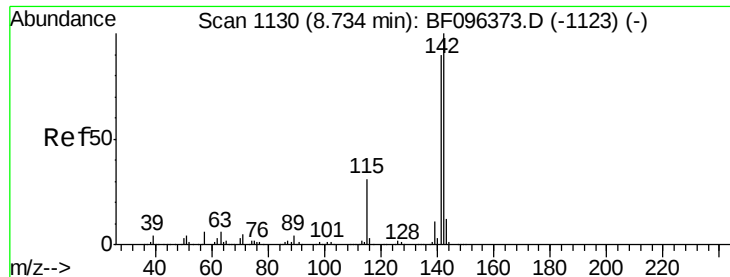
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 41.347 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion:107 Resp: 306638
 Ion Ratio Lower Upper
 107 100
 144 24.3 24.2 36.4
 142 79.0 73.4 110.0





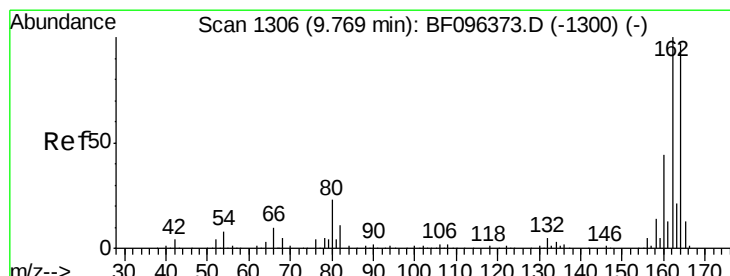
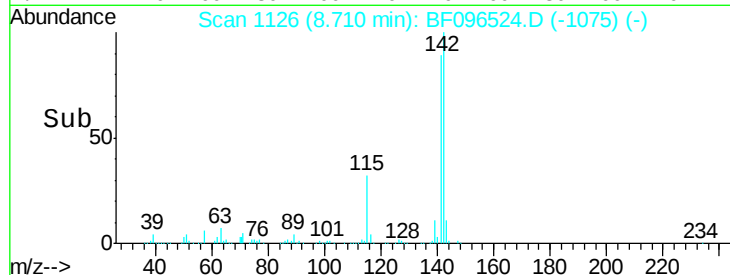
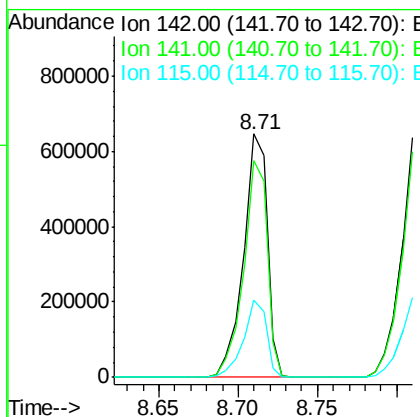
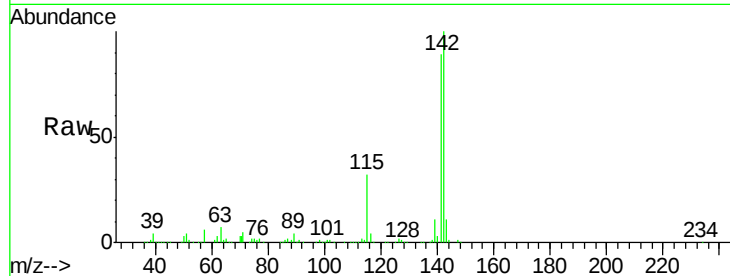
#37
2-Methylnaphthalene
Concen: 45.283 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	31.9	27.1	40.7

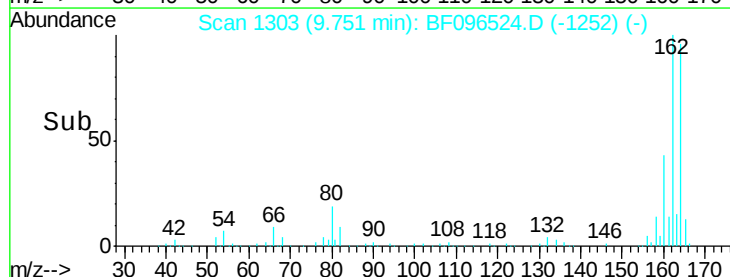
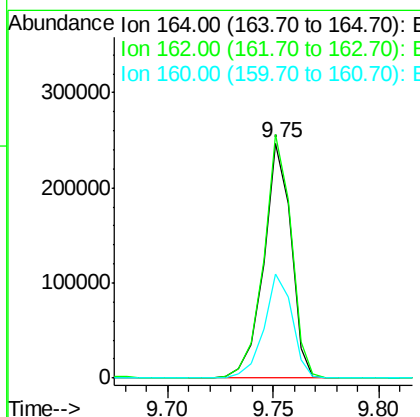
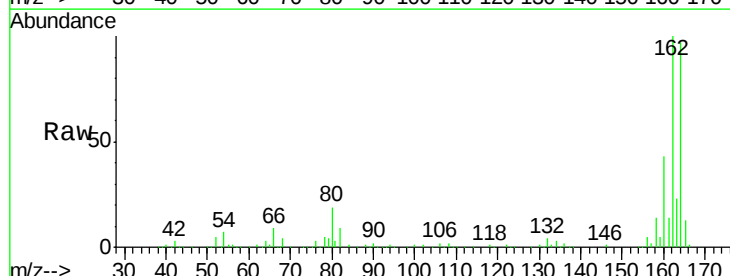
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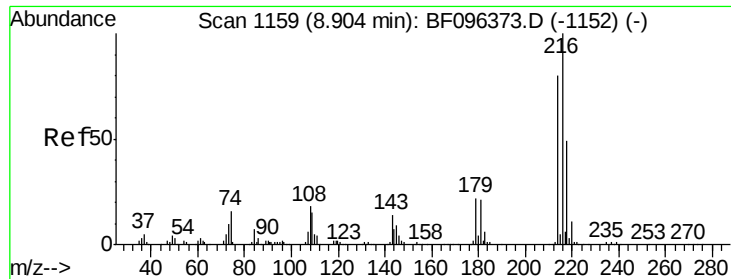
mohammad
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	44.2	36.2	54.2





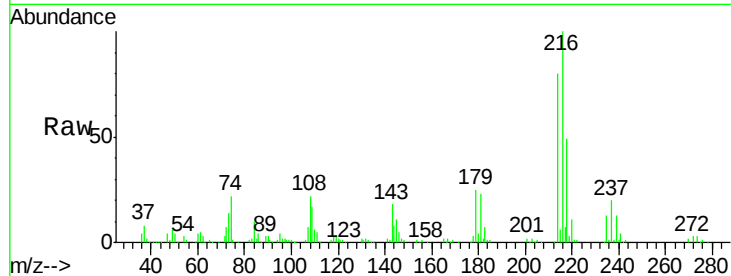
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.995 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

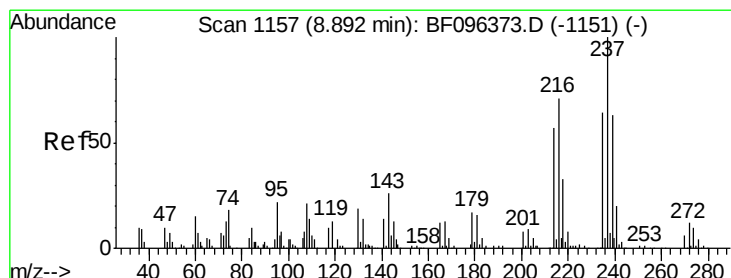
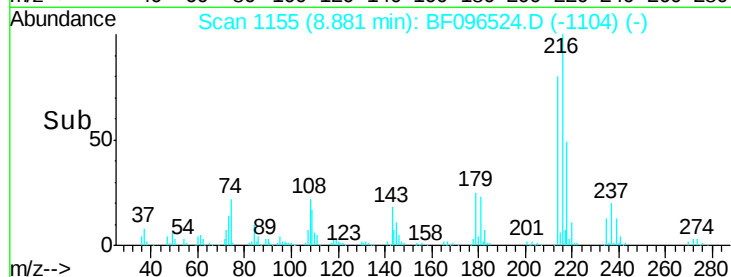
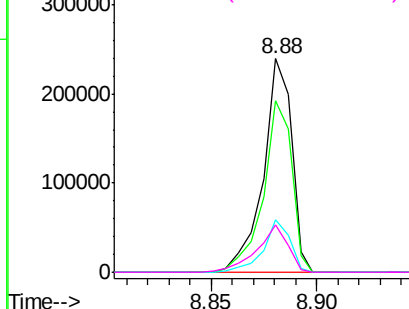
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	225666		
214	80.2	63.4	95.2	
179	22.9	17.9	26.9	
108	23.8	16.5	24.7	

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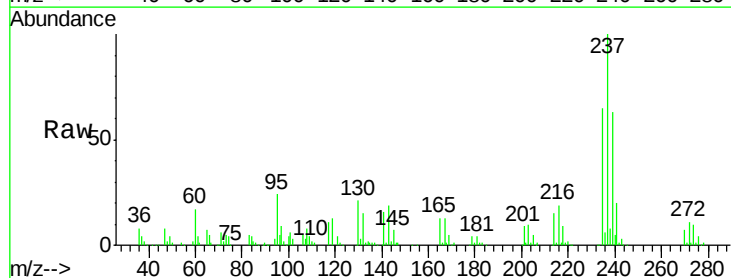


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

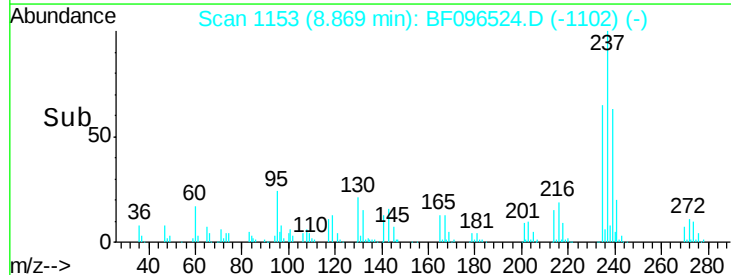
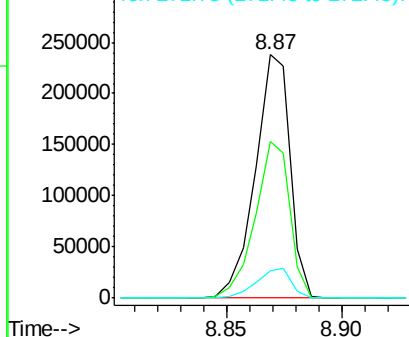


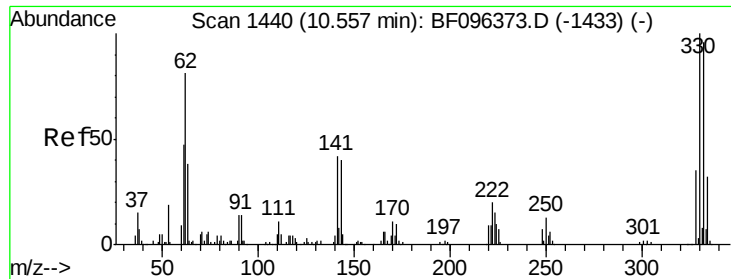
#40
 Hexachlorocyclopentadiene
 Concen: 89.102 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	250723		
235	64.6	42.6	82.6	
272	11.4	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





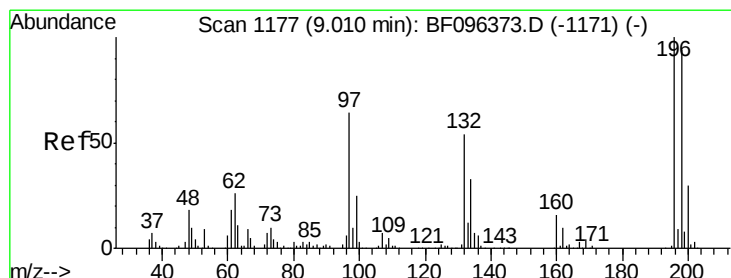
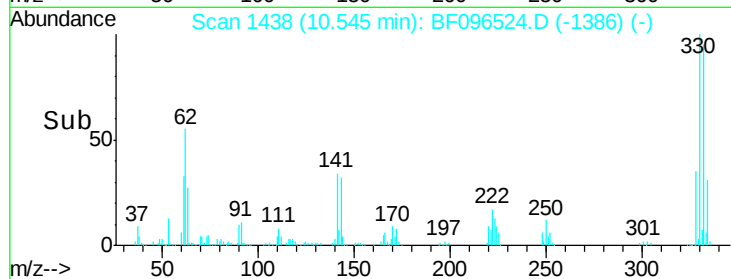
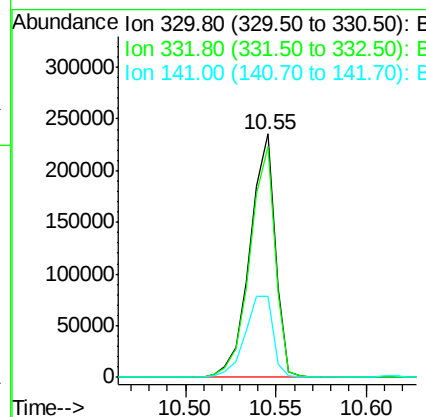
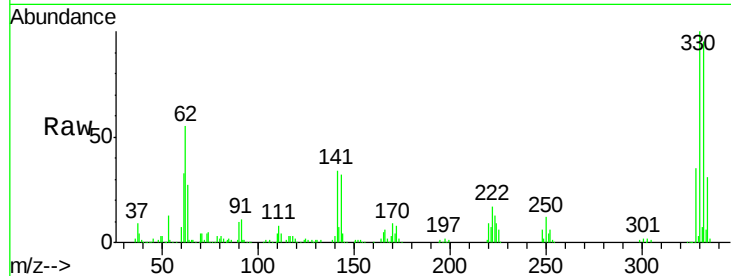
#41
 2,4,6-Tribromophenol
 Concen: 131.595 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	229103		
332	94.9	76.6	115.0	
141	36.6	31.4	47.2	

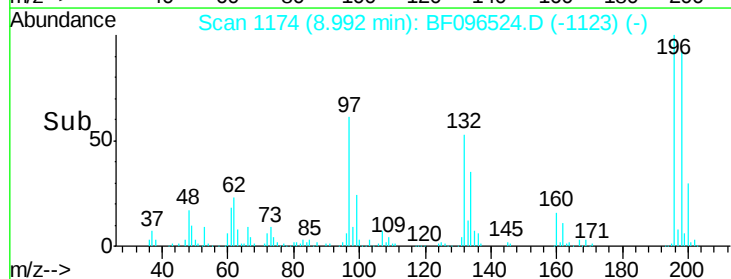
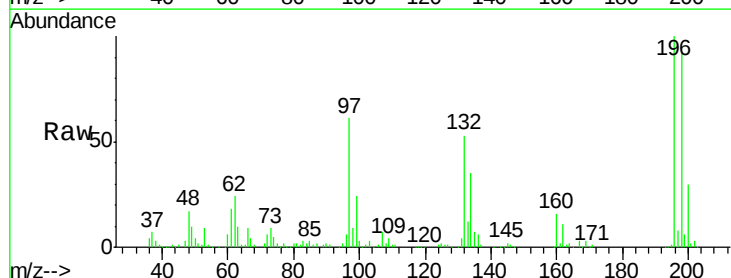
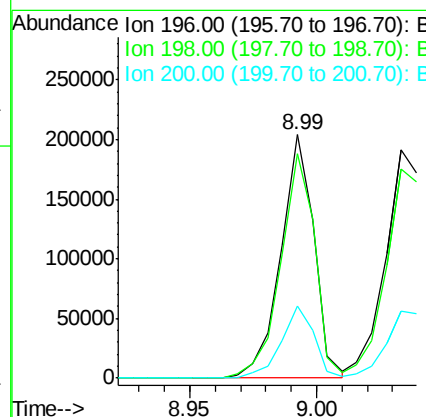
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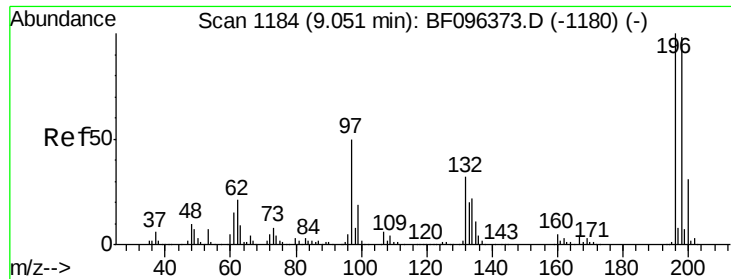
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 40.457 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185215		
198	92.4	74.2	111.4	
200	29.6	24.0	36.0	





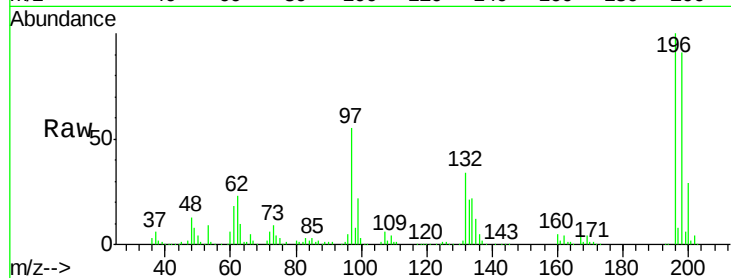
#43
 2,4,5-Trichlorophenol
 Concen: 44.264 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

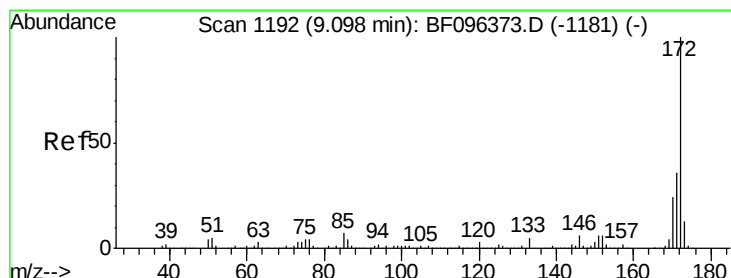
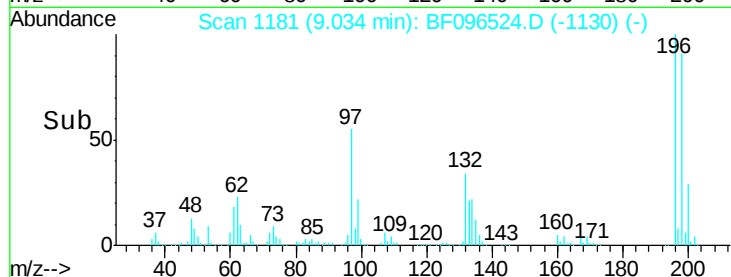
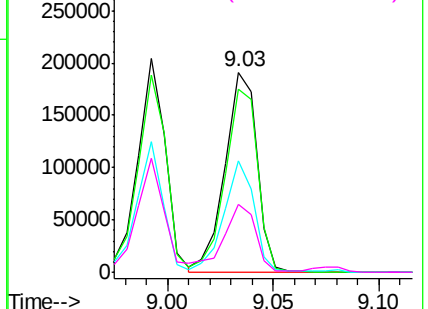
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200363		
198	91.4	75.7	113.5	
97	55.4	47.7	71.5	
132	34.0	28.0	42.0	

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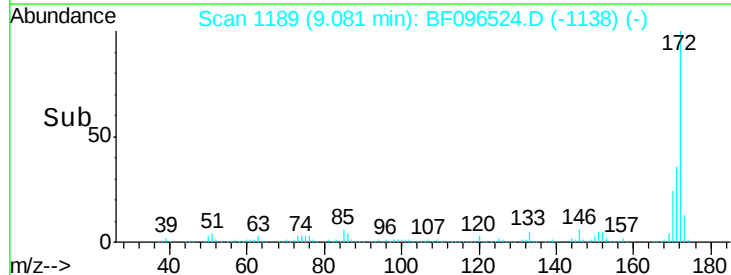
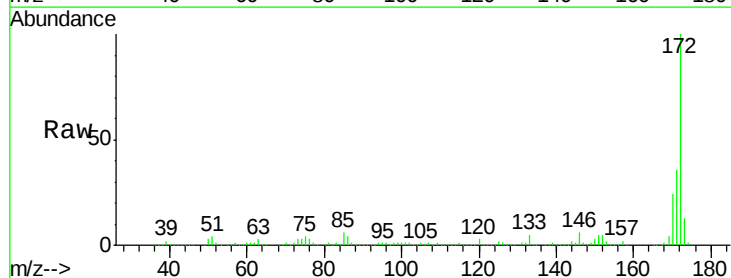
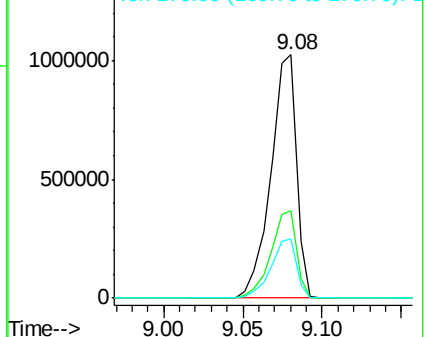
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

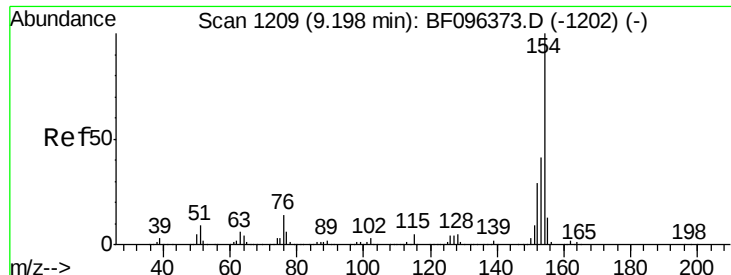


#44
 2-Fluorobiphenyl
 Concen: 88.999 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1160158		
171	35.9	29.6	44.4	
170	24.3	19.8	29.8	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





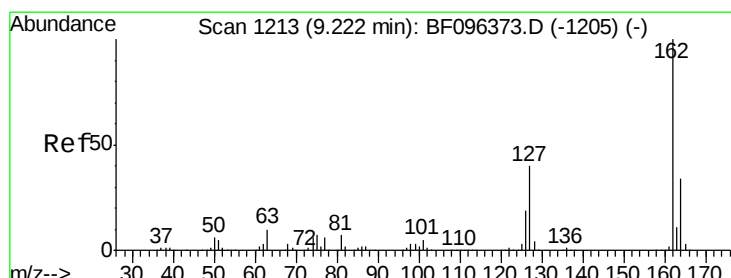
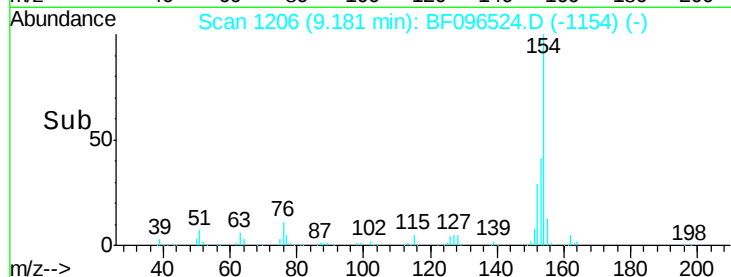
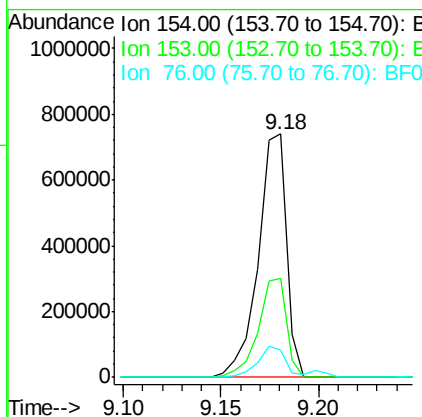
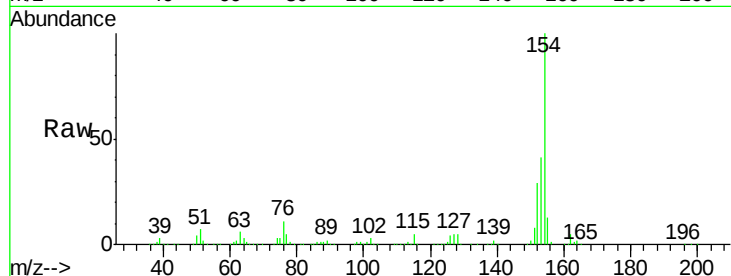
#45
 1,1'-Biphenyl
 Concen: 38.893 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.9	21.2	61.2
76	11.2	0.0	29.9

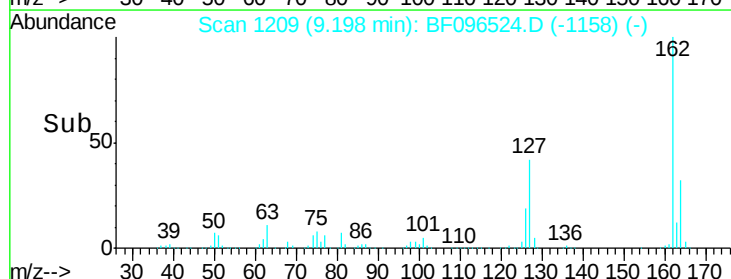
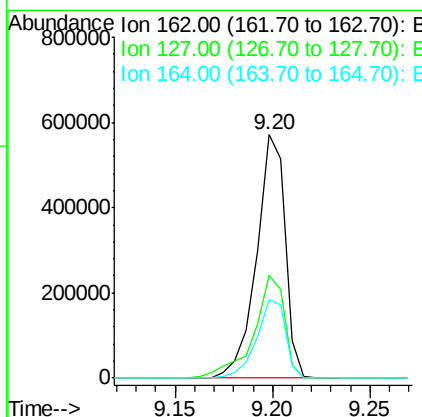
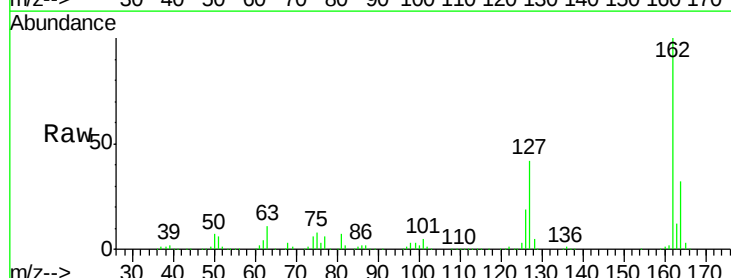
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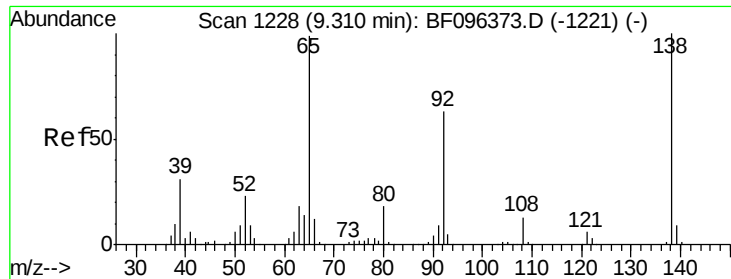
mohammad
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#46
 2-Chloronaphthalene
 Concen: 40.699 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	42.2	28.3	42.5
164	32.1	27.0	40.4





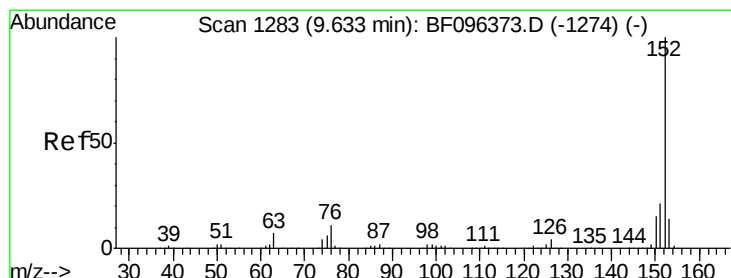
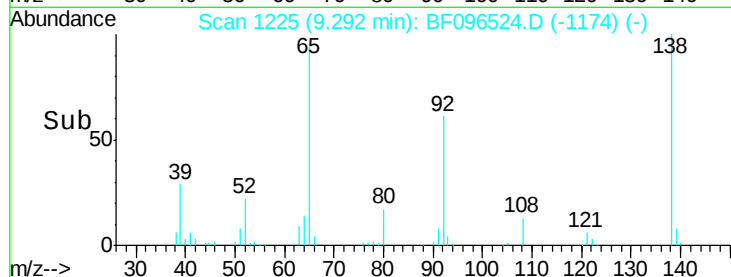
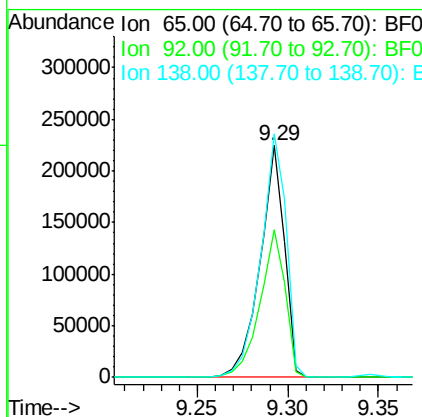
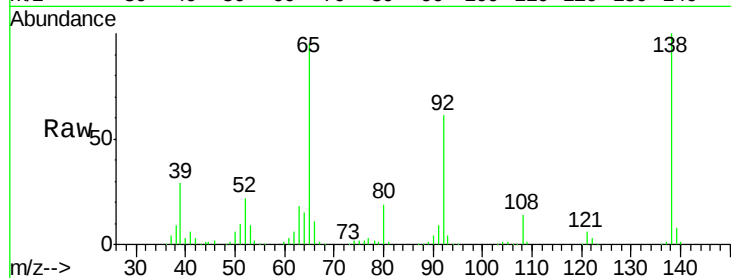
#47
2-Nitroaniline
Concen: 40.893 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	53.9	80.9
138	105.0	78.8	118.2

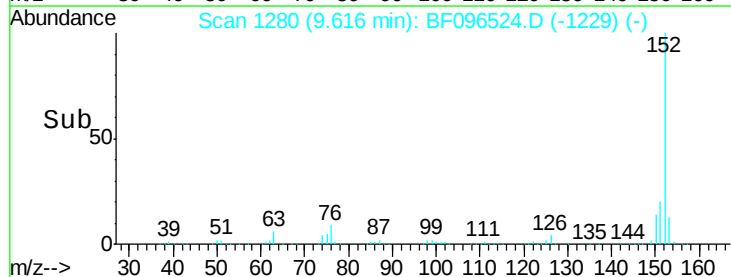
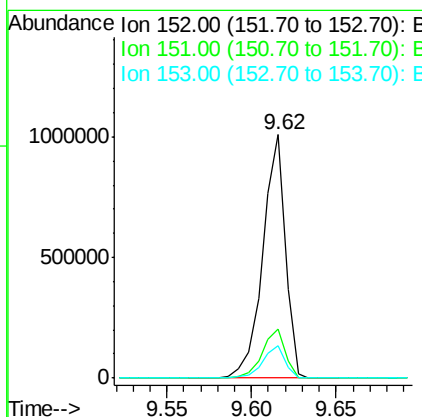
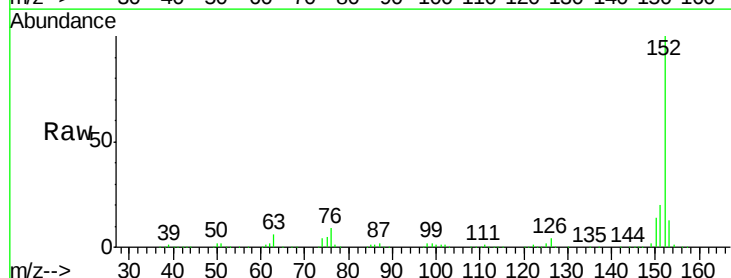
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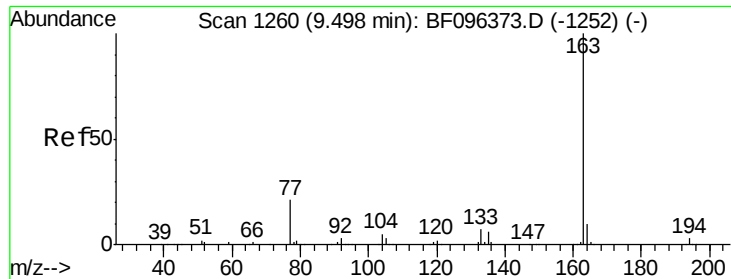
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#48
Acenaphthylene
Concen: 41.397 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.1	10.8	16.2





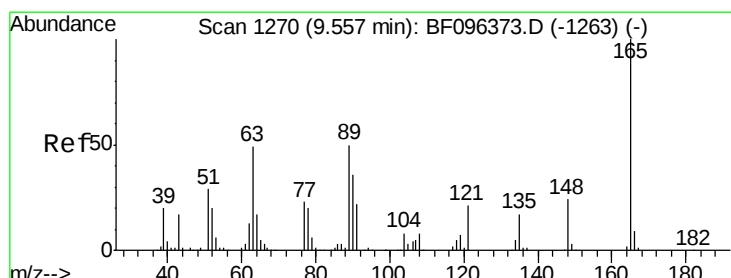
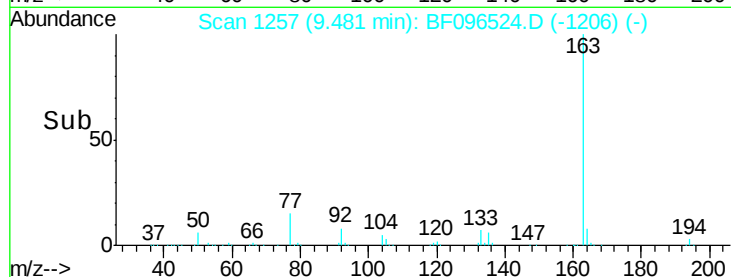
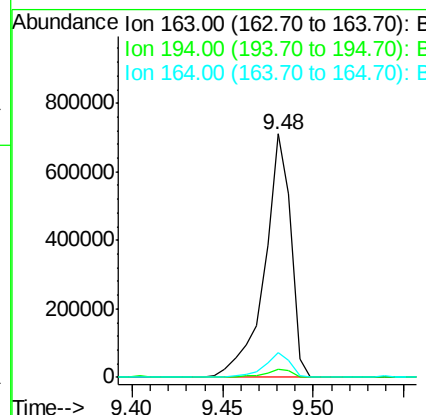
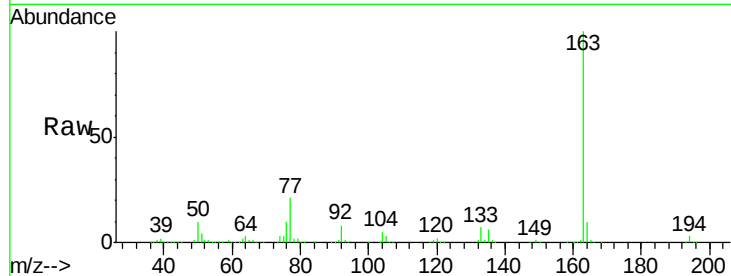
#49
Dimethylphthalate
Concen: 42.772 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	711652		
194	3.2	2.6	4.0	
164	10.1	8.4	12.6	

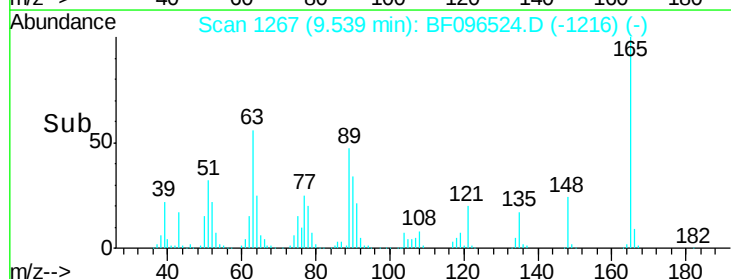
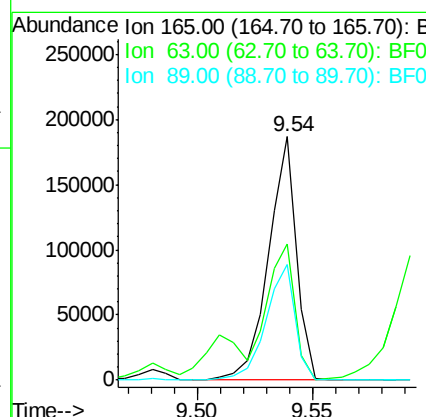
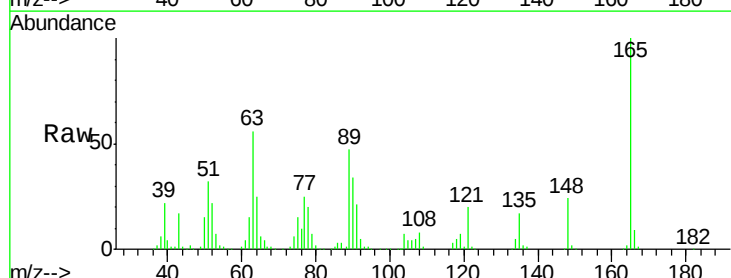
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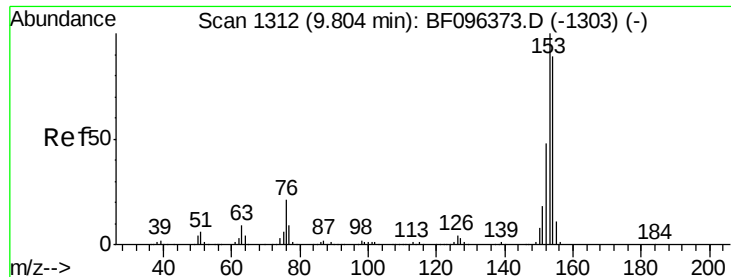
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.807 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157500		
63	56.1	34.3	51.5#	
89	47.4	37.1	55.7	





#51

Acenaphthene

Concen: 38.836 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Instrument :

BNA_F

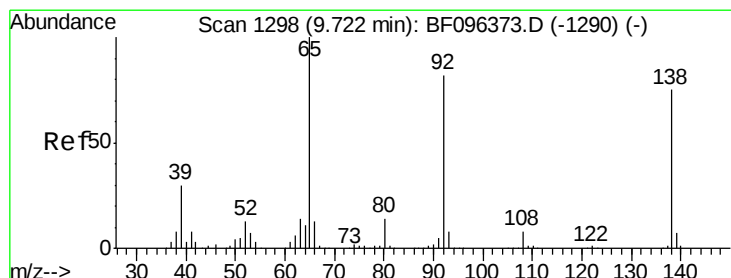
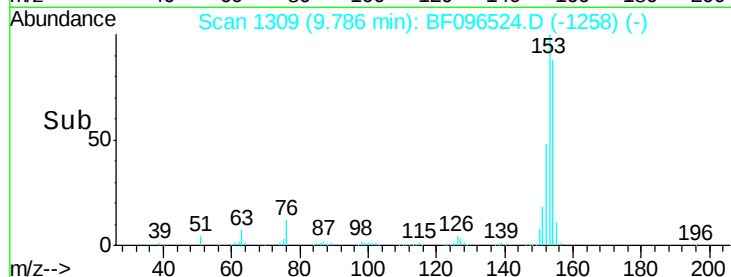
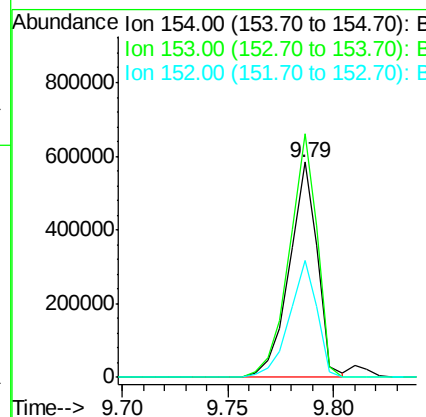
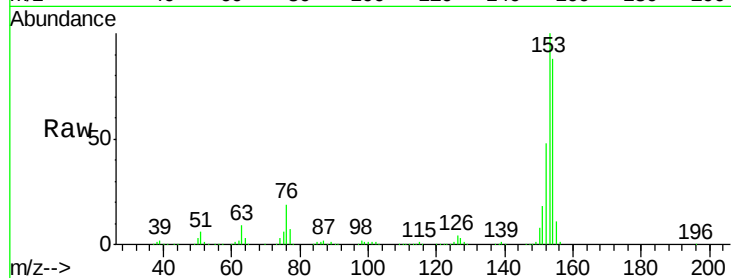
ClientSampleId :

PB100404BS

Tgt Ion:	154	Resp:	539838
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.5	135.7
152	54.4	43.6	65.4

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#52

3-Nitroaniline

Concen: 29.412 ng

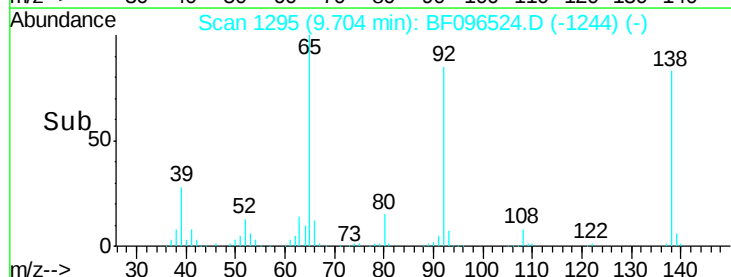
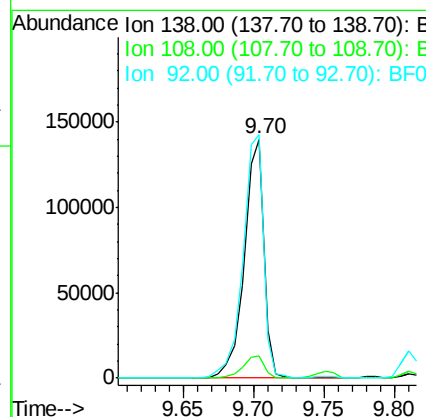
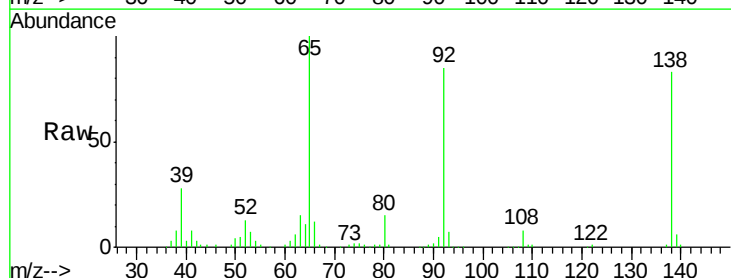
RT: 9.70 min Scan# 1295

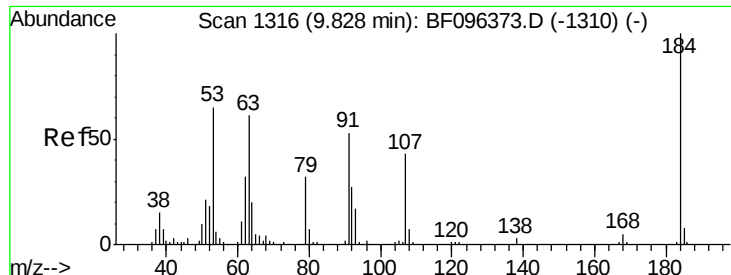
Delta R.T. -0.00 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Tgt Ion:	138	Resp:	134974
Ion Ratio	Lower	Upper	
138	100		
108	9.5	9.1	13.7
92	102.0	93.8	140.6





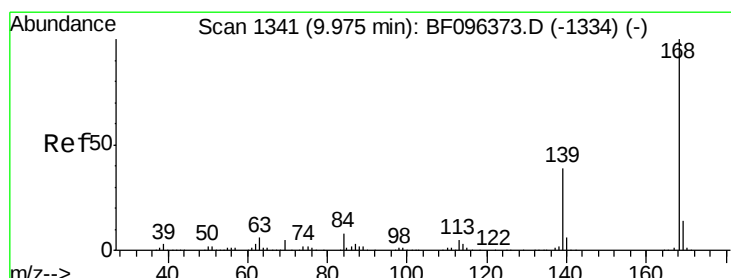
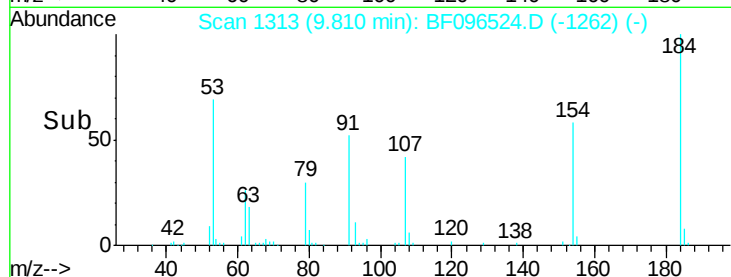
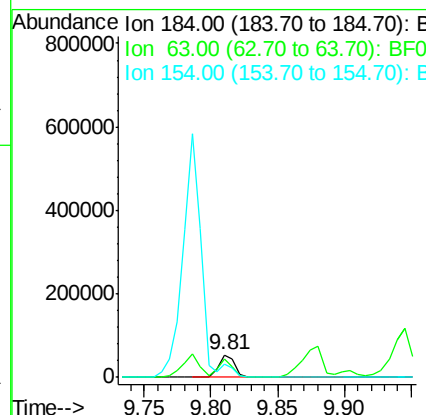
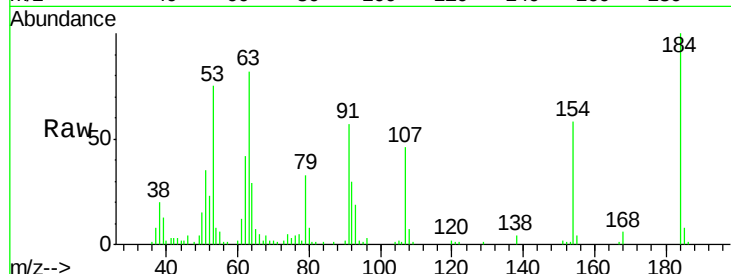
#53
2,4-Dinitrophenol
Concen: 24.297 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	47482		
63	82.2	62.7	94.1	
154	58.5	81.1	121.7	

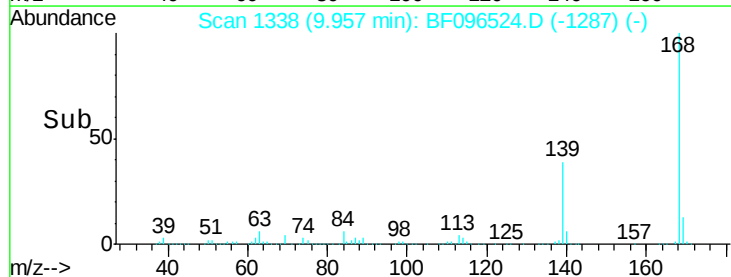
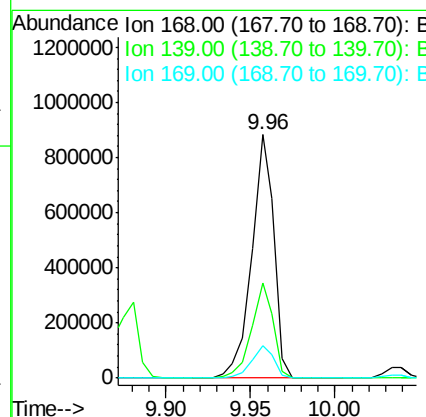
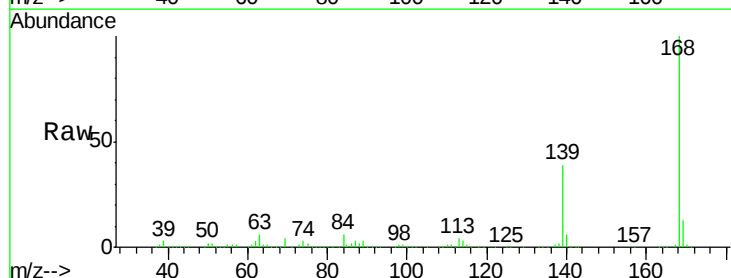
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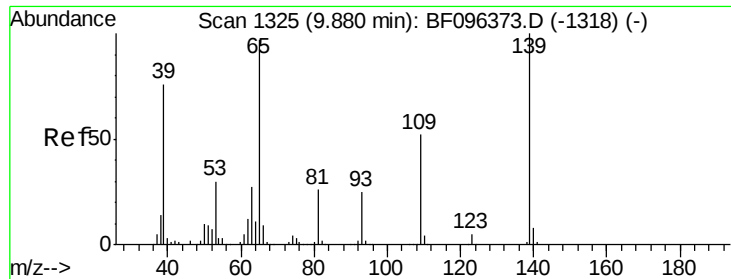
mohammad
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#54
Dibenzofuran
Concen: 44.142 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	810110		
139	38.9	30.6	45.8	
169	13.2	10.8	16.2	





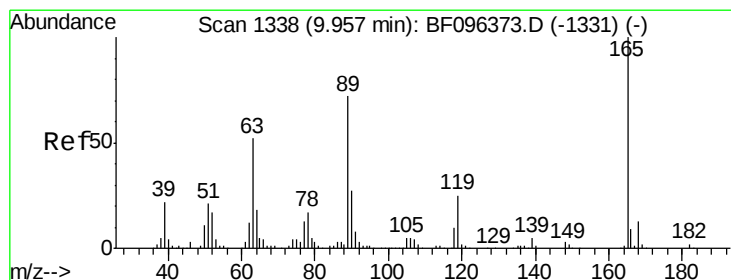
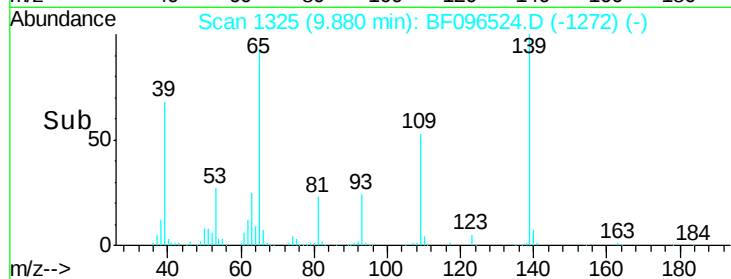
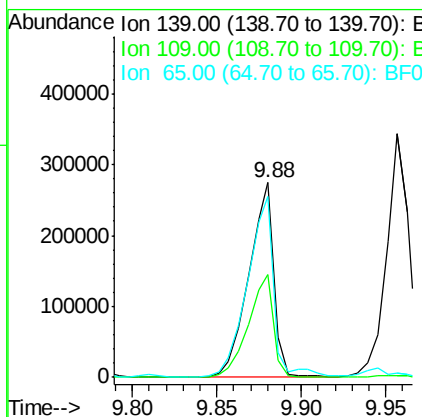
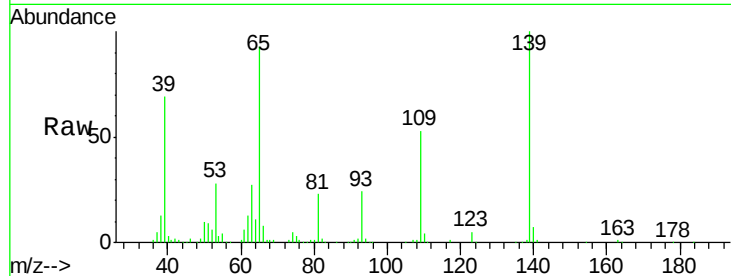
#55
4-Nitrophenol
Concen: 75.050 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	285463		
109	53.1	34.1	74.1	
65	92.9	31.4	71.4	

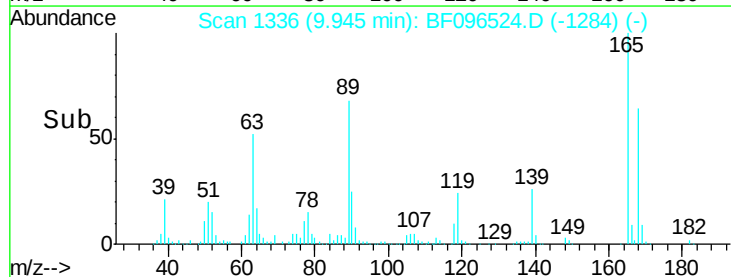
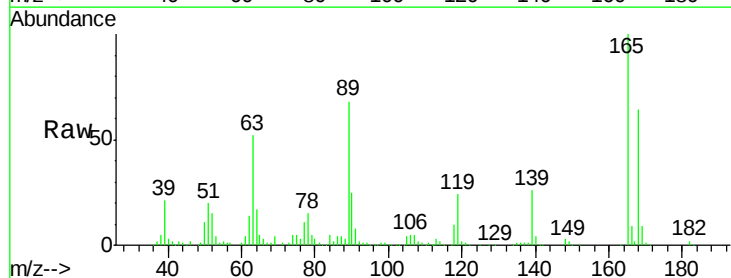
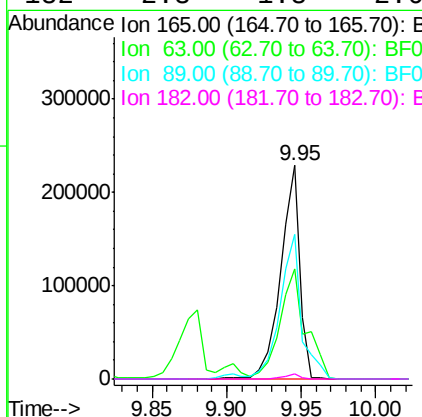
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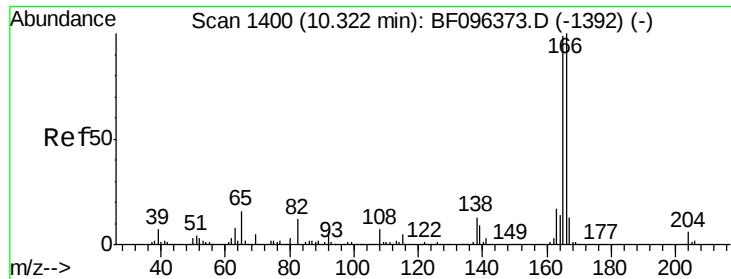
mohammad
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#56
2,4-Dinitrotoluene
Concen: 44.545 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207551		
63	51.6	25.4	38.0	
89	67.5	46.4	69.6	
182	2.3	1.8	2.6	





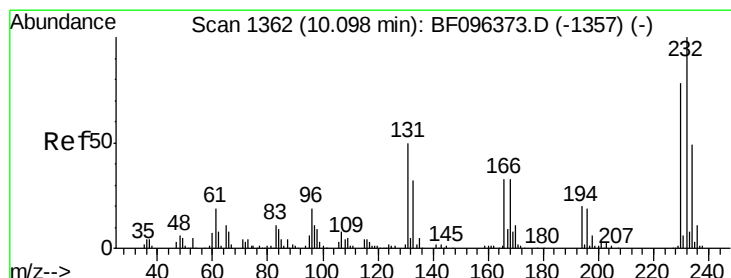
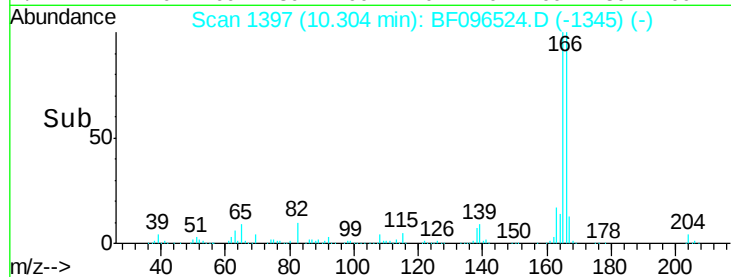
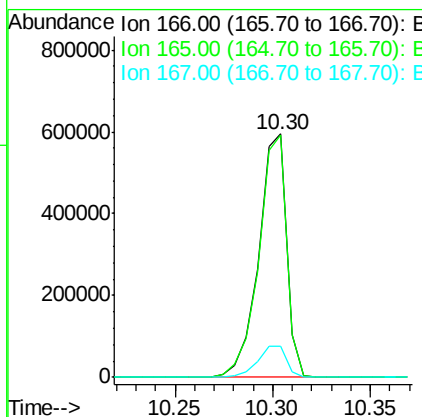
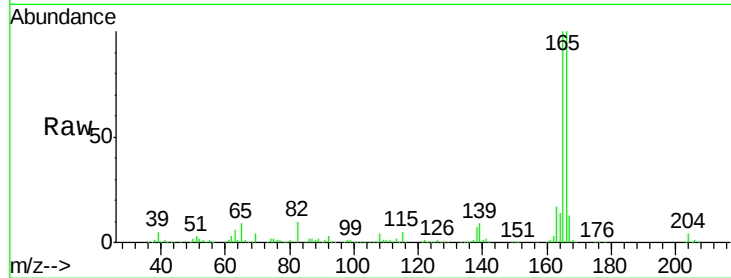
#57
 Fluorene
 Concen: 45.434 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	588885		
165	99.7	78.8	118.2	
167	12.9	10.6	16.0	

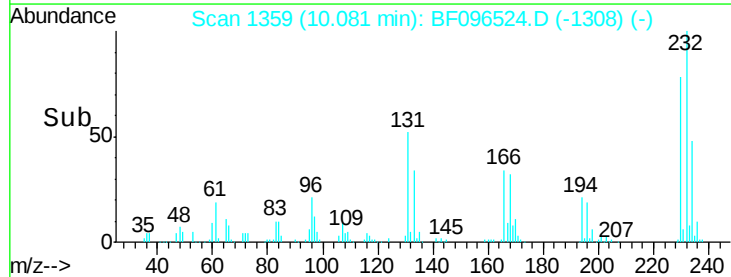
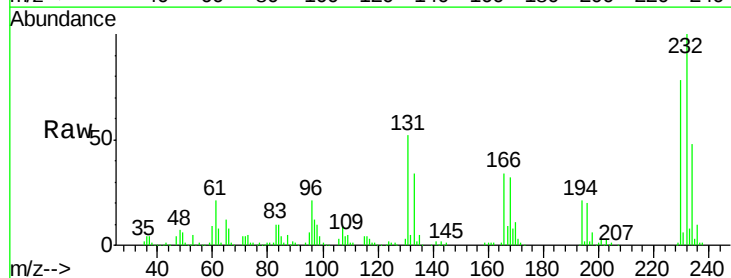
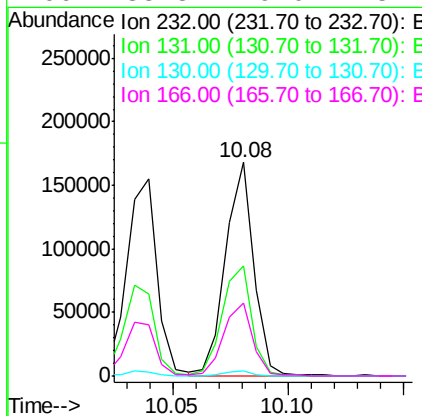
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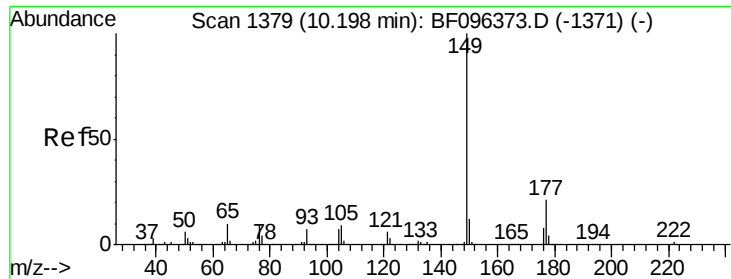
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.464 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	142383		
131	54.9	44.8	67.2	
130	2.5	2.3	3.5	
166	35.8	29.0	43.4	





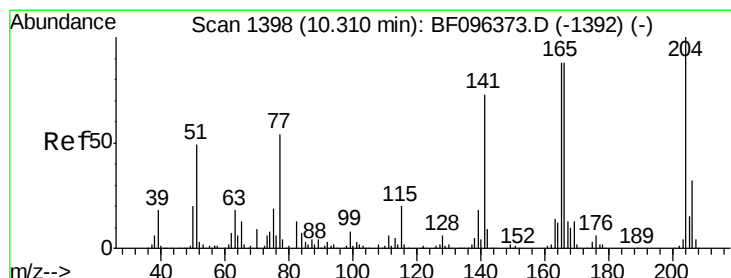
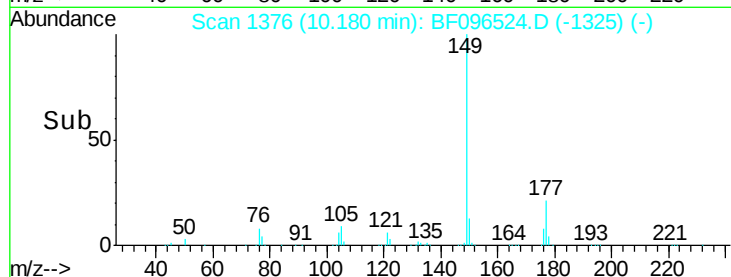
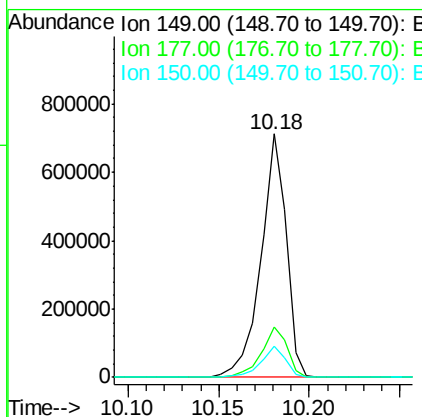
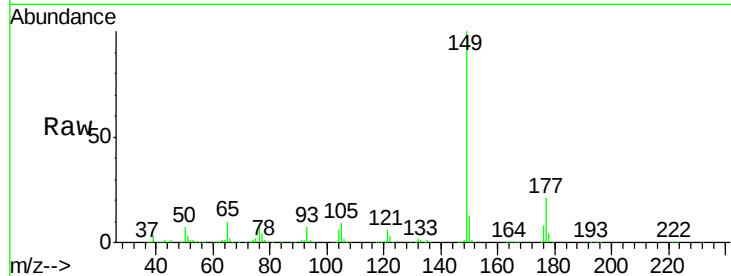
#59
Diethylphthalate
Concen: 43.927 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.8	10.2	15.2

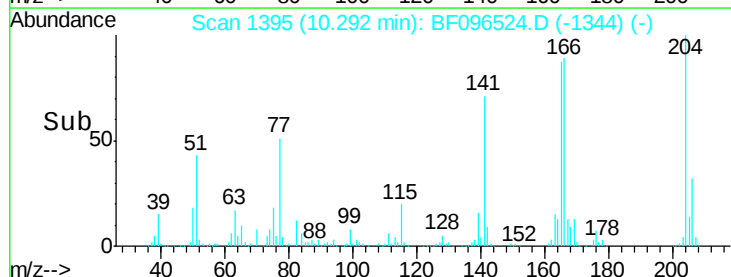
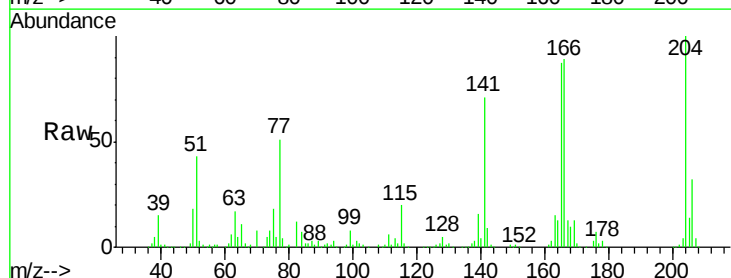
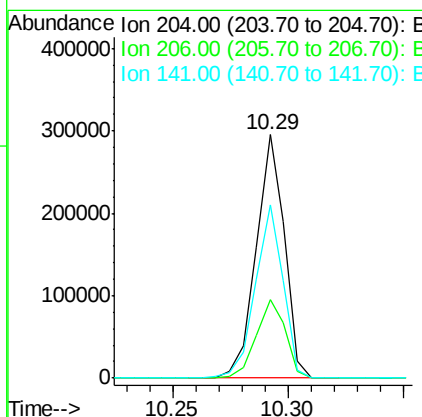
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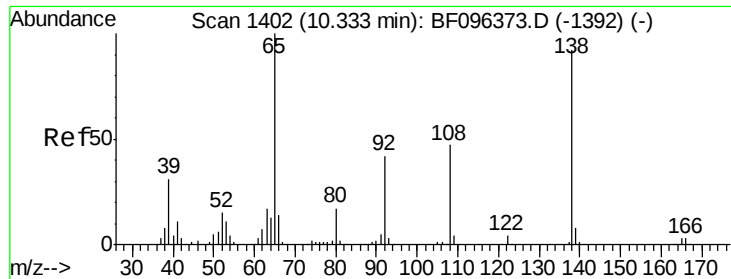
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#60
4-Chlorophenyl-phenylether
Concen: 44.646 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	71.2	60.8	91.2





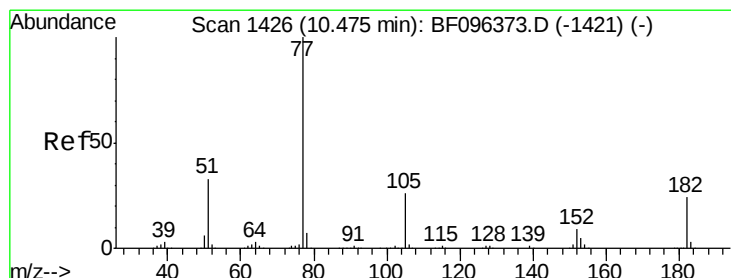
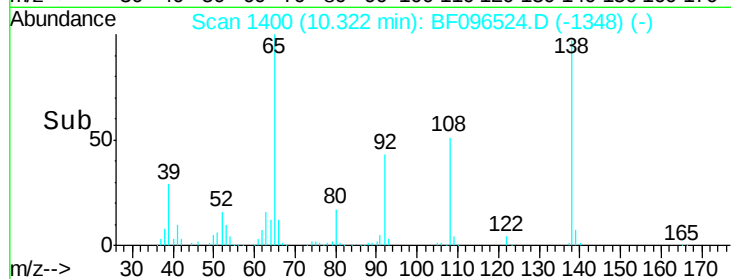
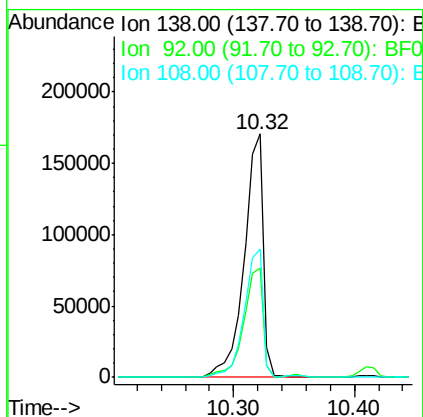
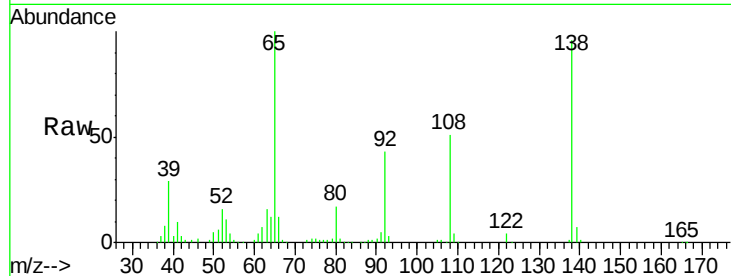
#61
4-Nitroaniline
Concen: 44.885 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	187293		
92	44.8	21.8	61.8	
108	52.9	42.3	82.3	

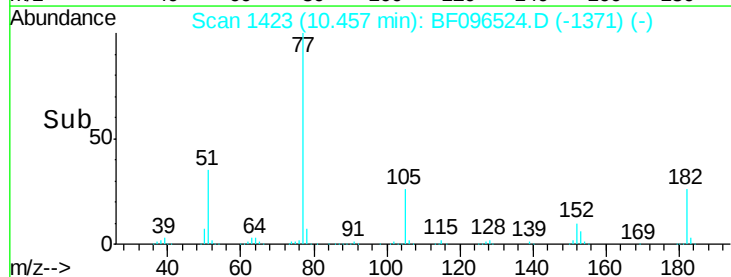
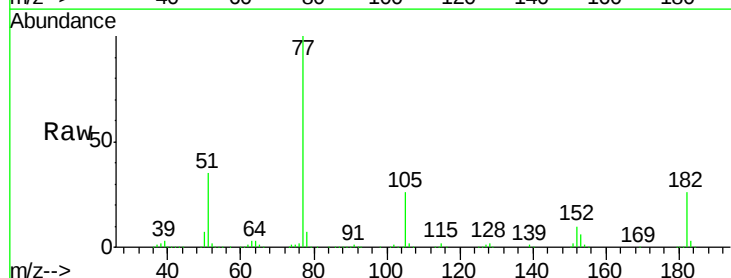
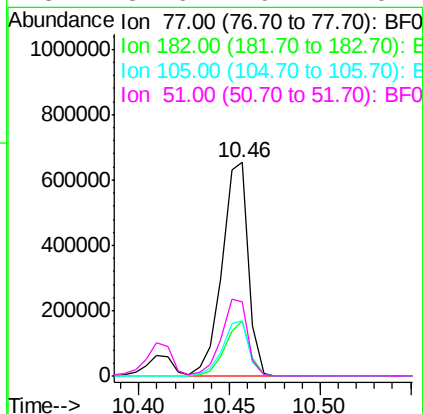
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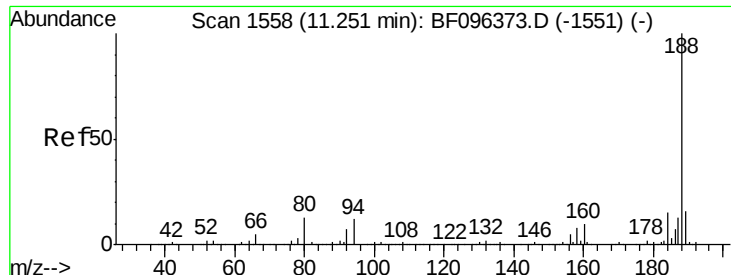
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#62
Azobenzene
Concen: 43.169 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	656457		
182	25.8	0.1	40.1	
105	25.7	3.6	43.6	
51	34.6	9.4	49.4	





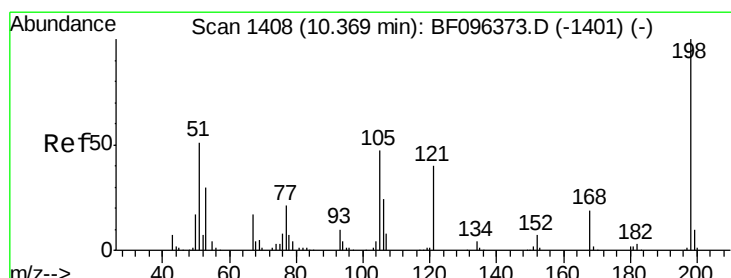
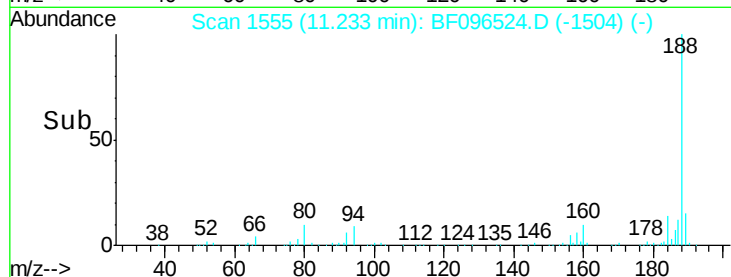
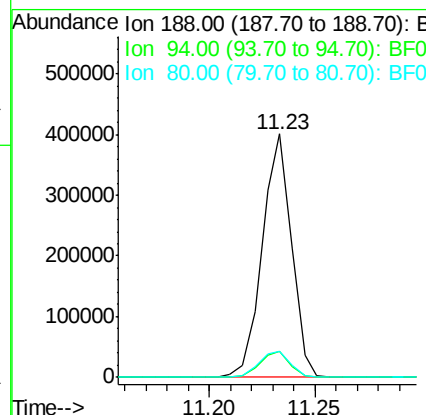
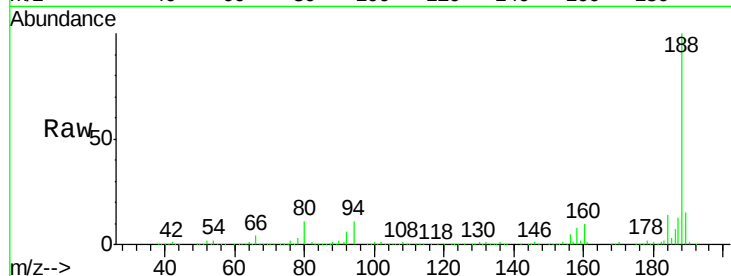
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	386546		
94	11.0	9.4	14.2	
80	10.5	10.2	15.2	

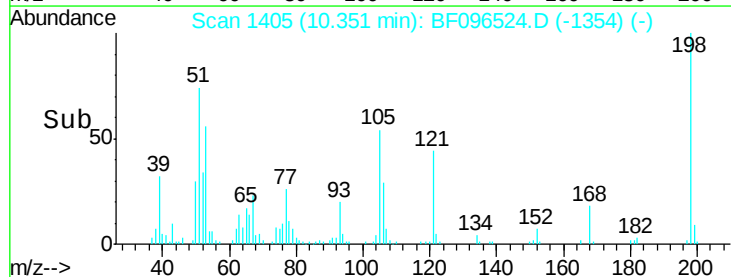
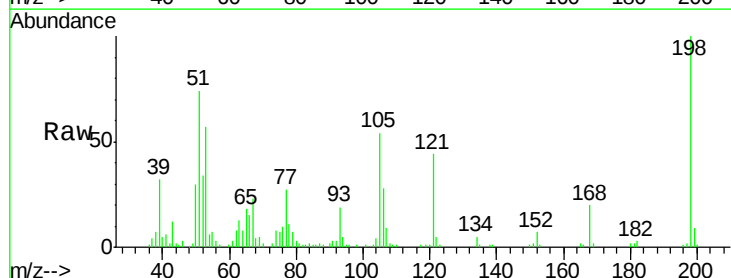
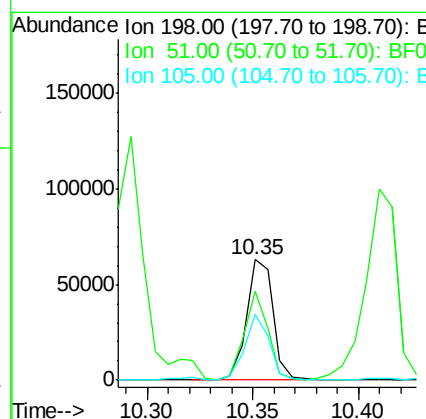
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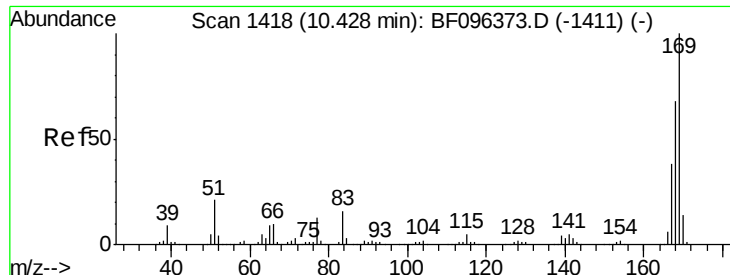
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#64
4,6-Dinitro-2-methylphenol
Concen: 20.431 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	54467		
51	73.7	53.2	93.2	
105	54.0	45.8	85.8	





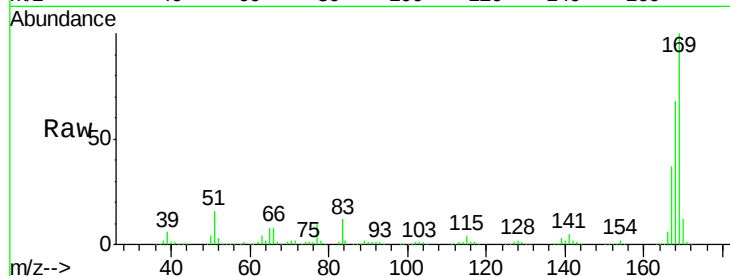
#65
n-Nitrosodiphenylamine
Concen: 42.458 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

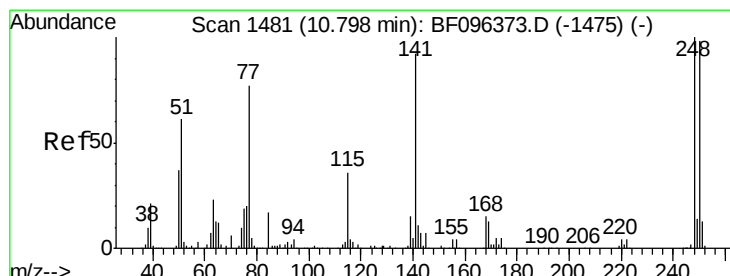
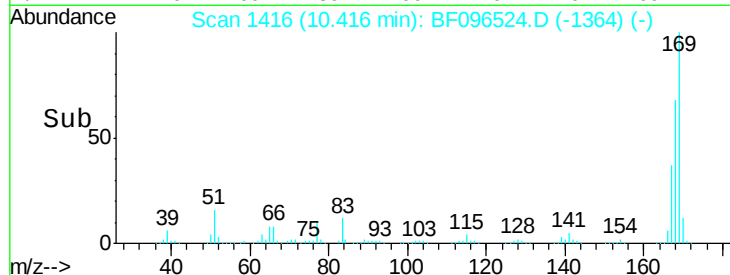
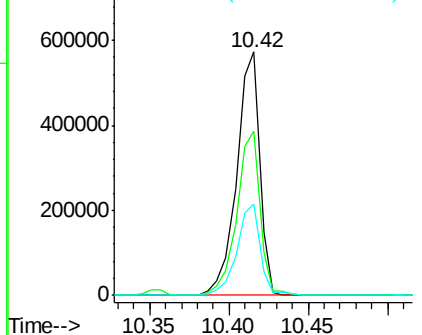
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	575842		
168	67.7	53.2	79.8	
167	37.3	29.5	44.3	

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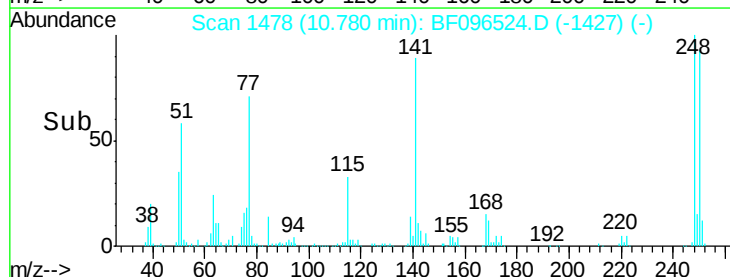
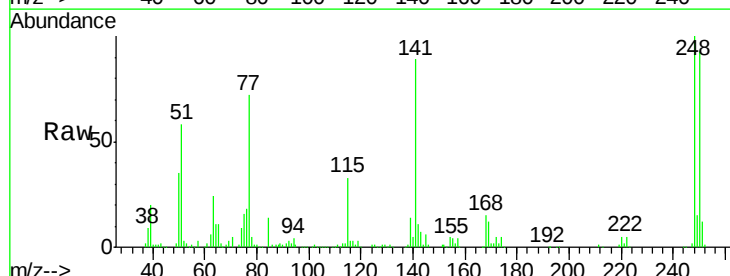
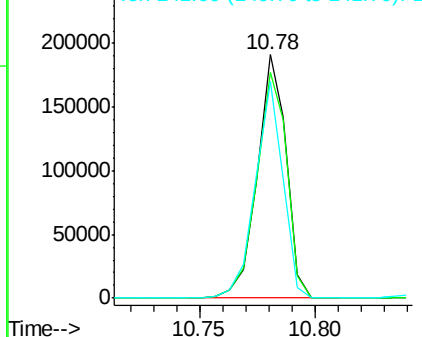
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

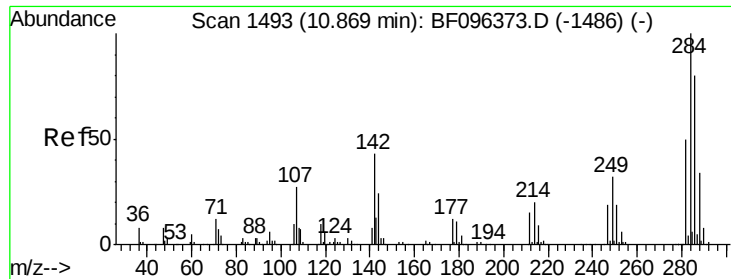


#66
4-Bromophenyl-phenylether
Concen: 44.382 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	167003		
250	92.6	76.8	115.2	
141	89.2	68.6	103.0	

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.072 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Instrument :

BNA_F

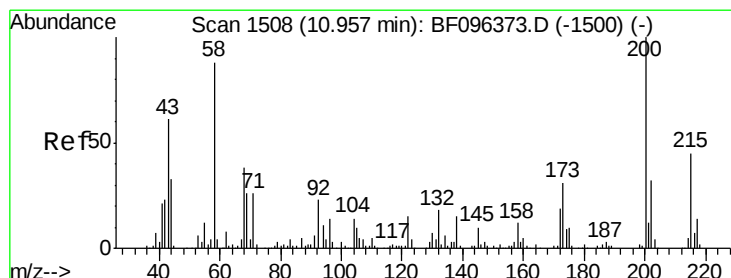
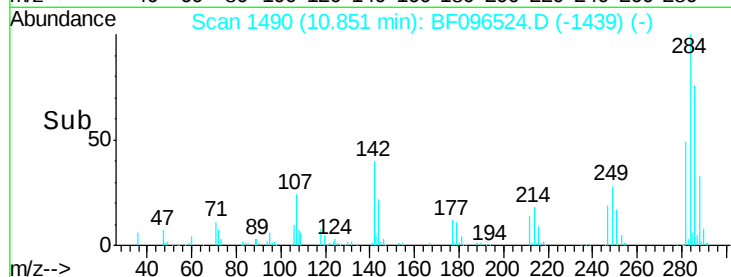
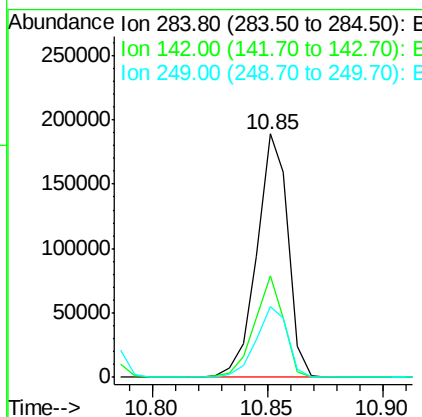
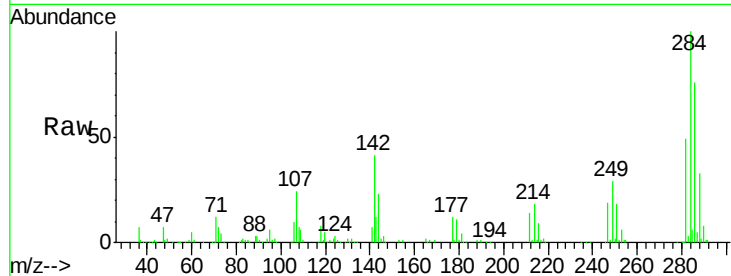
ClientSampleId :

PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	177419		
142	41.5	22.8	34.2	#
249	29.2	24.0	36.0	

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#68

Atrazine

Concen: 44.273 ng

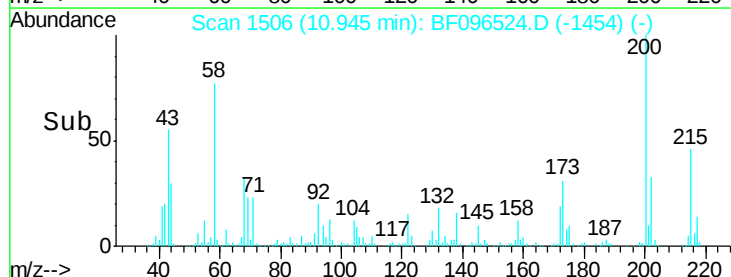
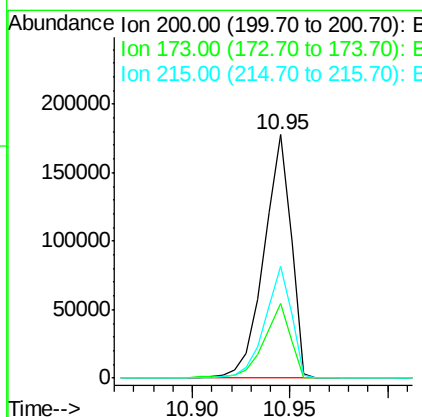
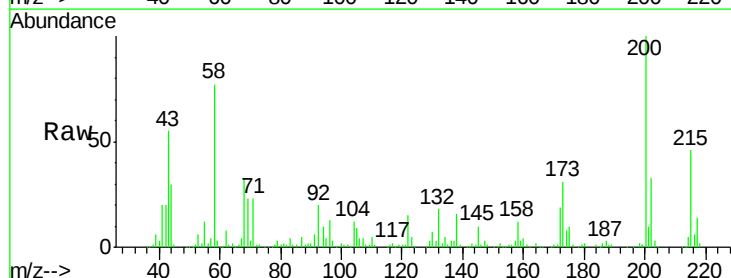
RT: 10.95 min Scan# 1506

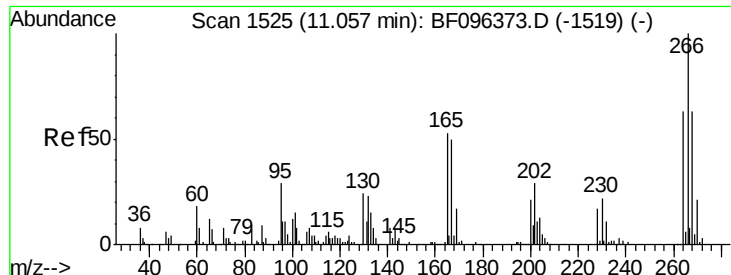
Delta R.T. 0.01 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	171547		
173	30.7	6.3	46.3	
215	45.8	27.2	67.2	





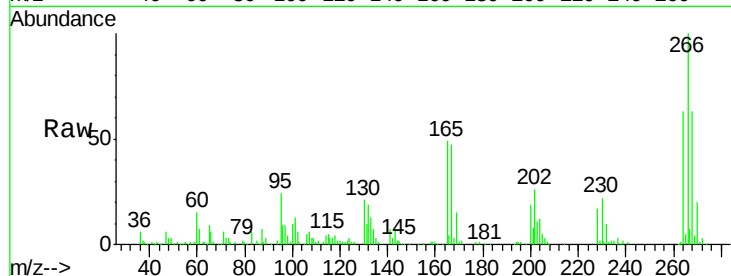
#69
 Pentachlorophenol
 Concen: 55.378 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

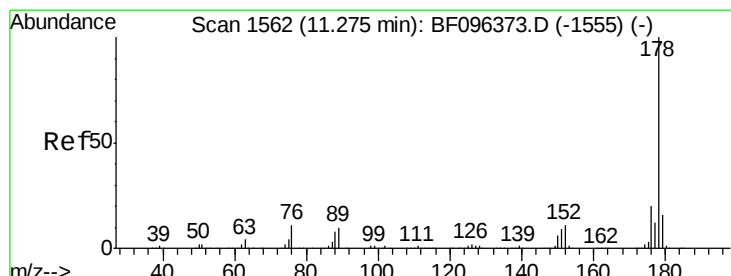
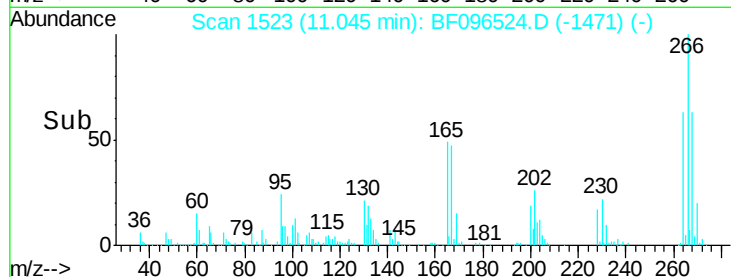
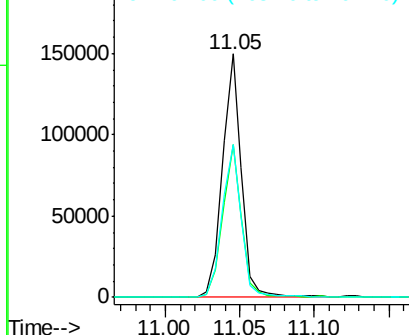
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	135195		
268	62.9	51.1	76.7	
264	62.7	51.7	77.5	

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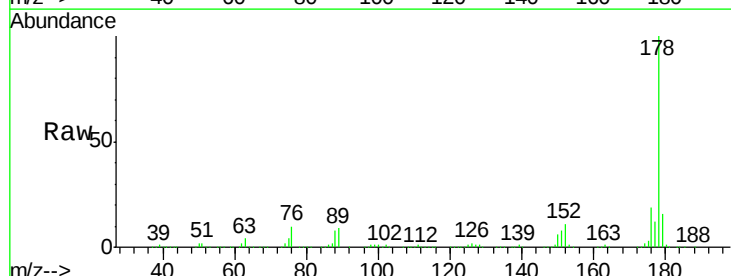


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

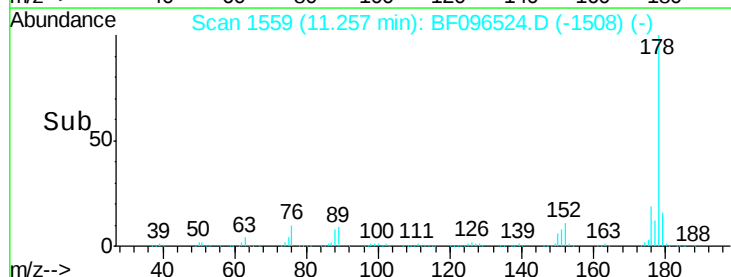
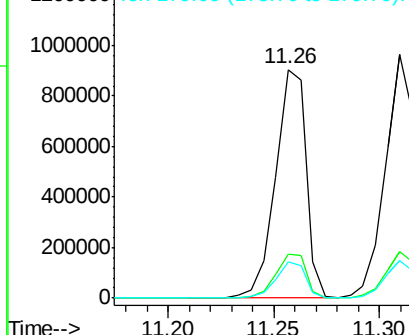


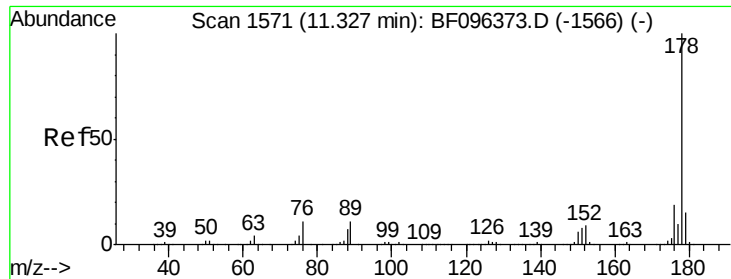
#70
 Phenanthrene
 Concen: 43.748 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	914141		
176	19.3	16.2	24.4	
179	15.6	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





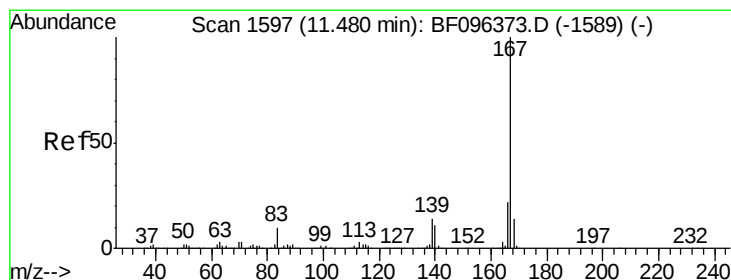
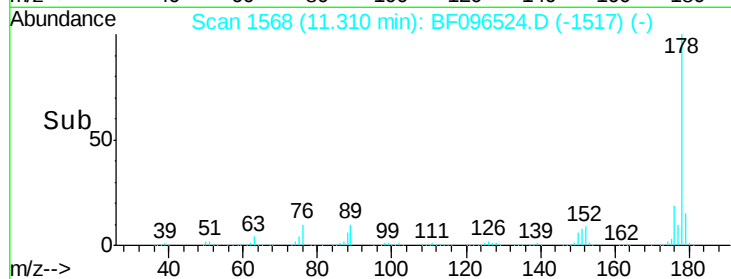
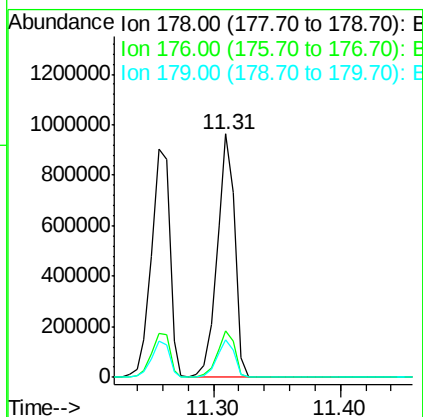
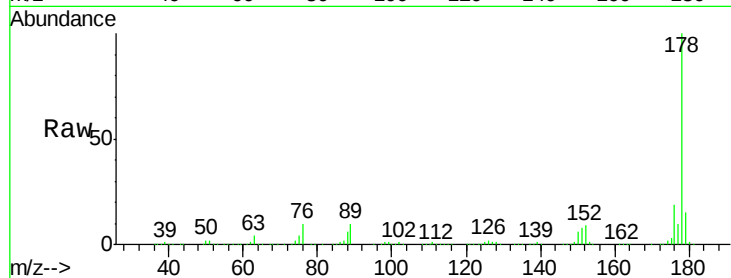
#71
 Anthracene
 Concen: 44.031 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	12.7	19.1

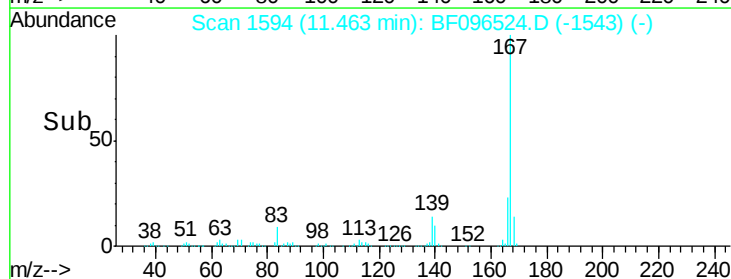
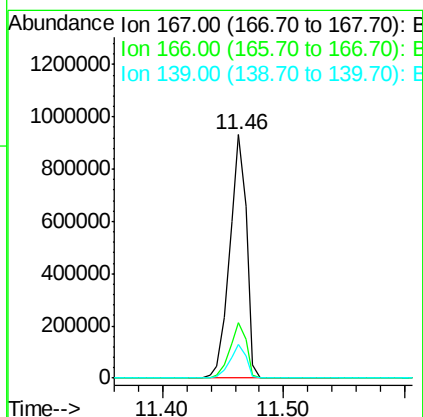
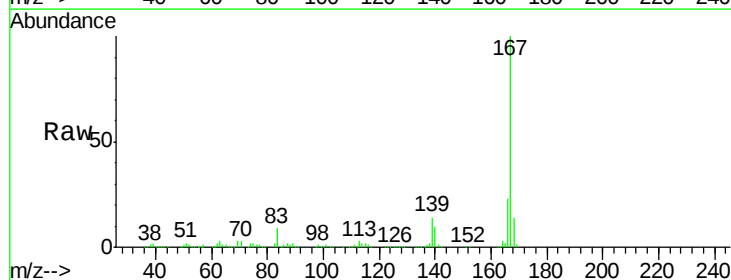
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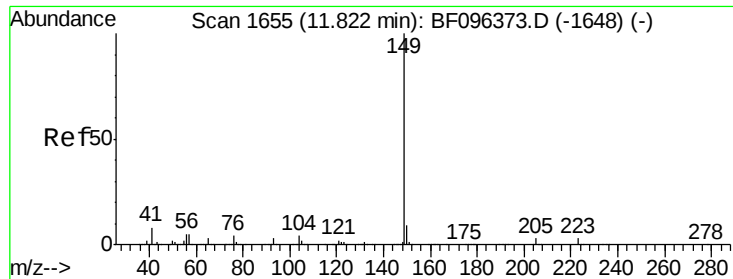
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#72
 Carbazole
 Concen: 41.912 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	13.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 42.125 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Instrument :

BNA_F

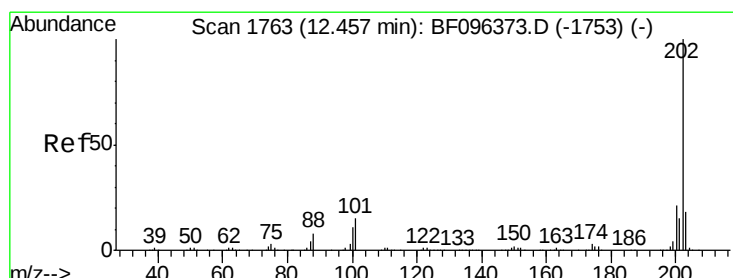
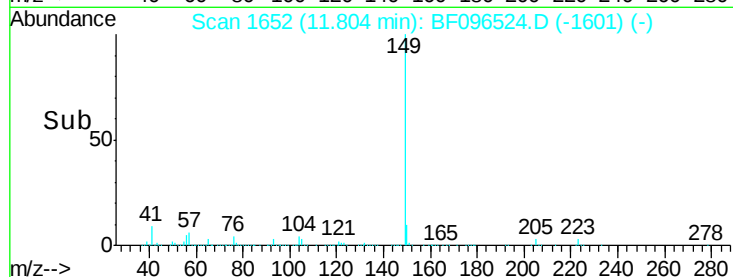
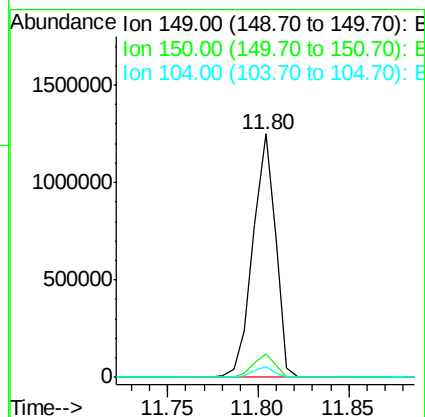
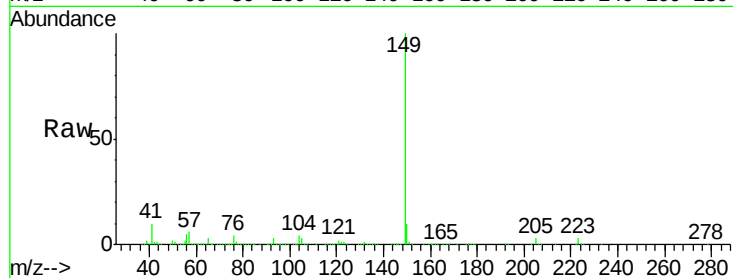
ClientSampleId :

PB100404BS

Tgt Ion:	149	Resp:	1092619
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.2	4.0	6.0

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#74

Fluoranthene

Concen: 44.323 ng

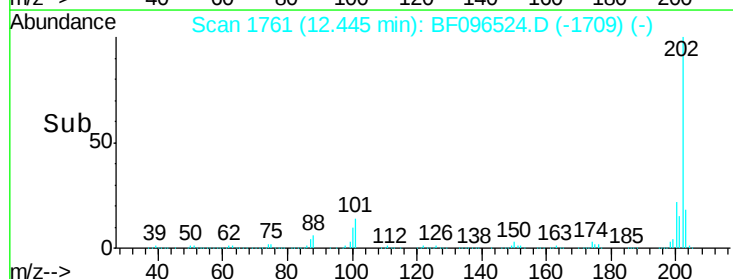
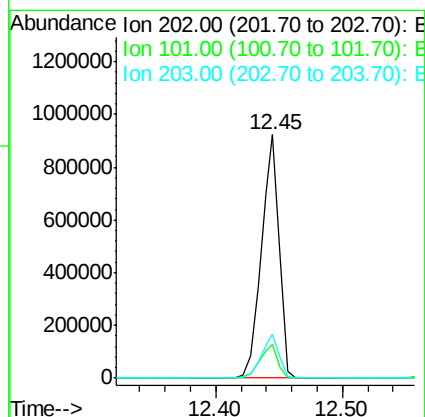
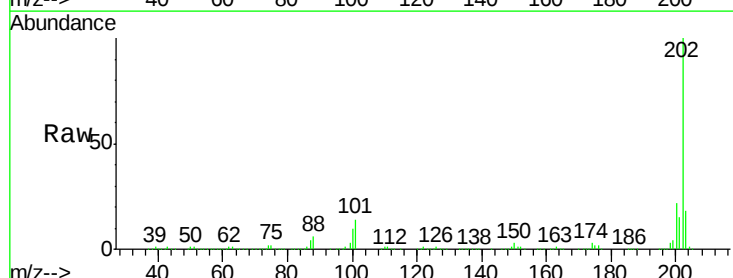
RT: 12.45 min Scan# 1761

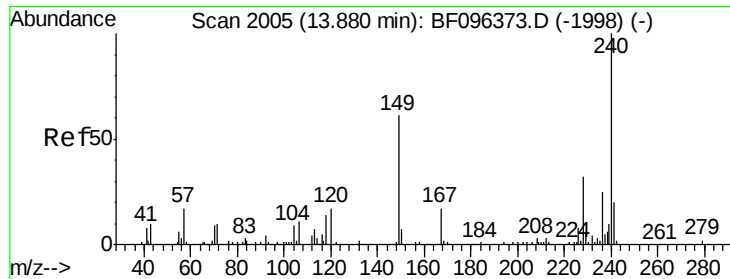
Delta R.T. 0.01 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Tgt Ion:	202	Resp:	908040
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	33.2
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF096524.D

Acq: 6 Jul 2017 11:10

Instrument :

BNA_F

ClientSampleId :

PB100404BS

Tgt Ion:240 Resp: 265154
Ion Ratio Lower Upper

240 100

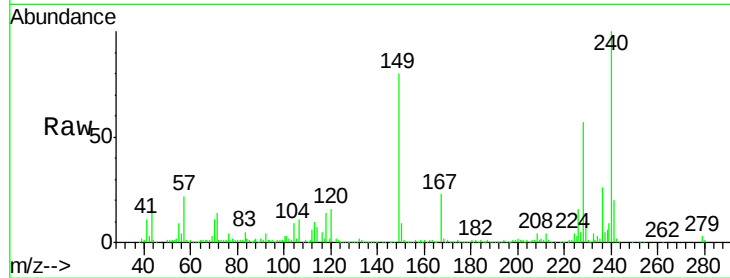
120 16.2 5.8 8.8#

236 25.9 20.5 30.7

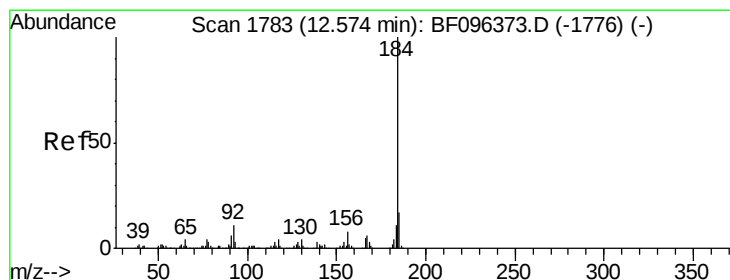
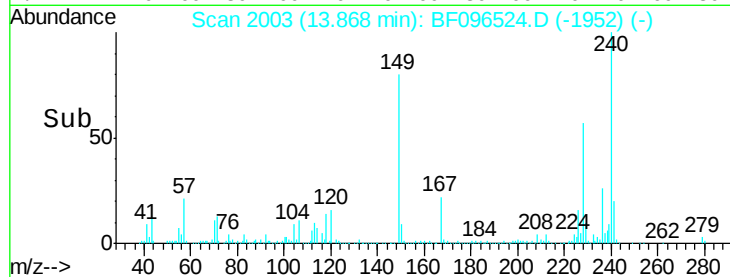
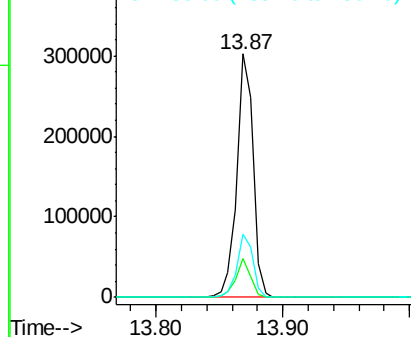
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.444 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF096524.D

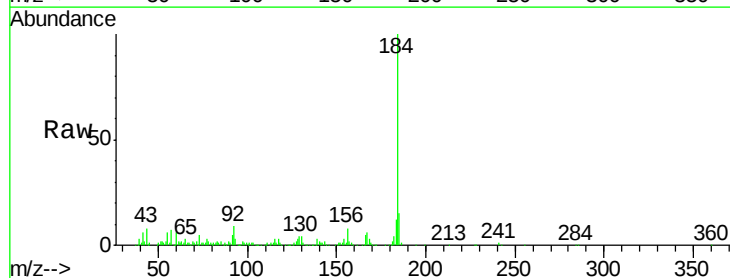
Acq: 6 Jul 2017 11:10

Tgt Ion:184 Resp: 425503
Ion Ratio Lower Upper

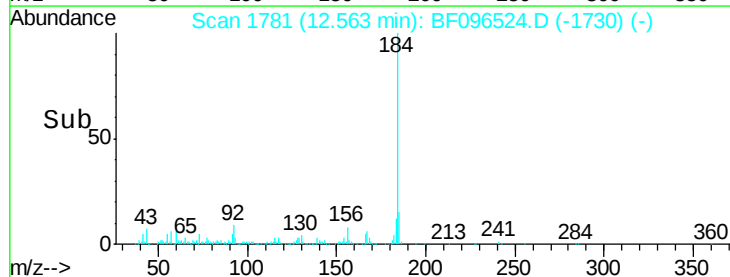
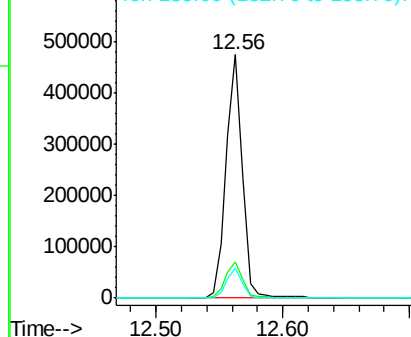
184 100

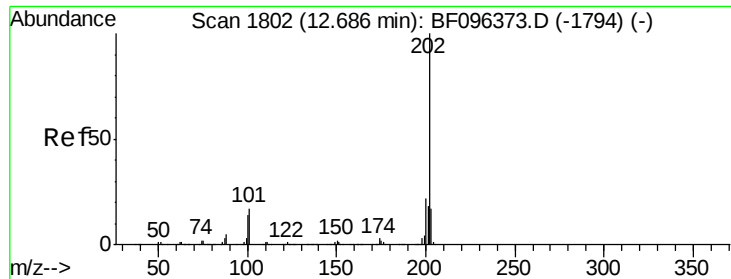
185 14.8 15.5 23.3#

183 12.3 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





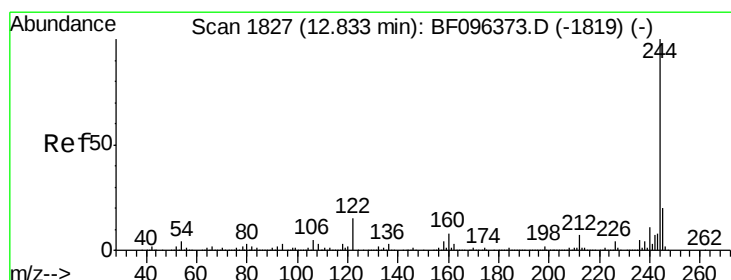
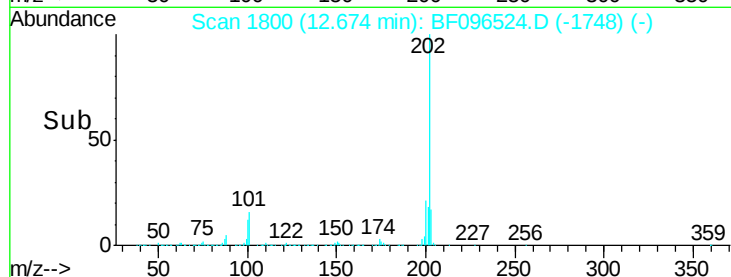
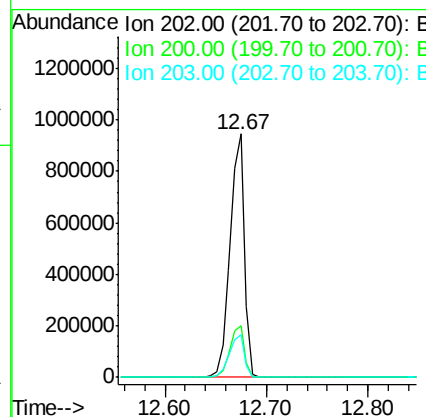
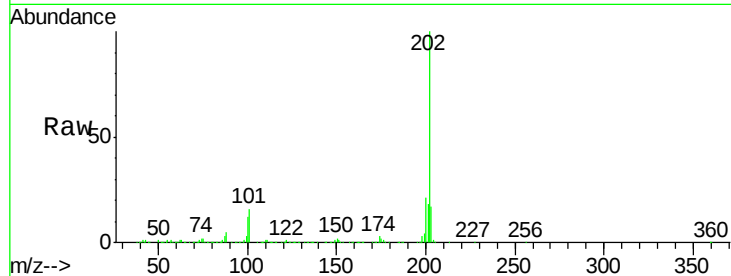
#77
 Pyrene
 Concen: 43.649 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. 0.01 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	17.6	26.4
203	17.4	14.4	21.6

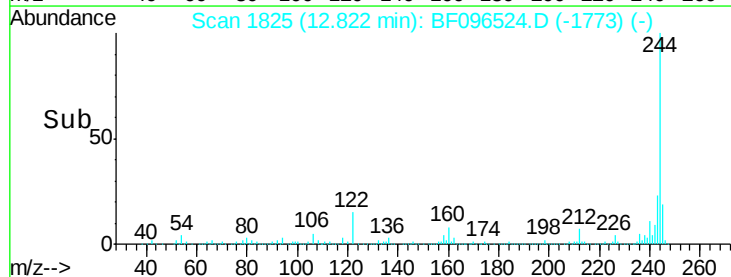
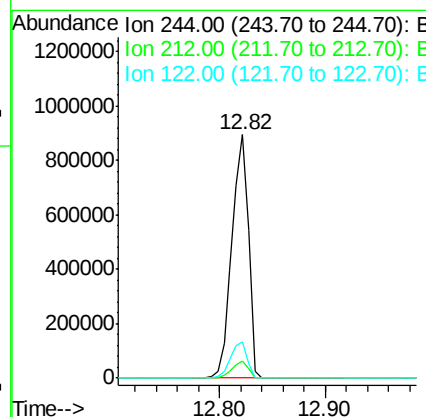
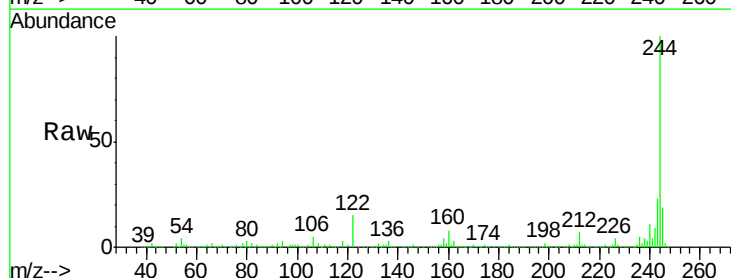
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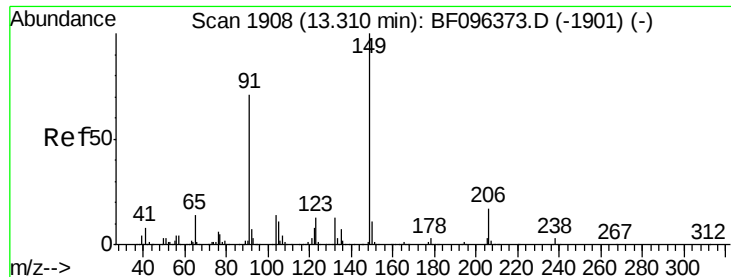
mohammad
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#78
 Terphenyl-d14
 Concen: 78.026 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	6.0	9.0
122	14.7	10.3	15.5





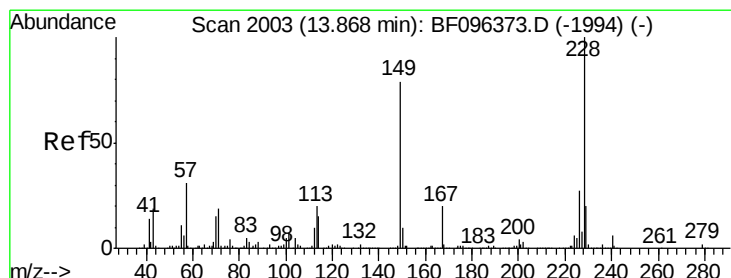
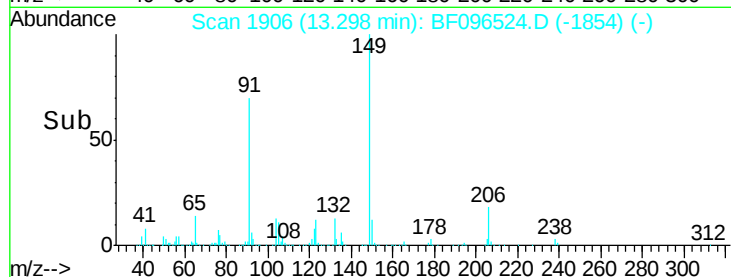
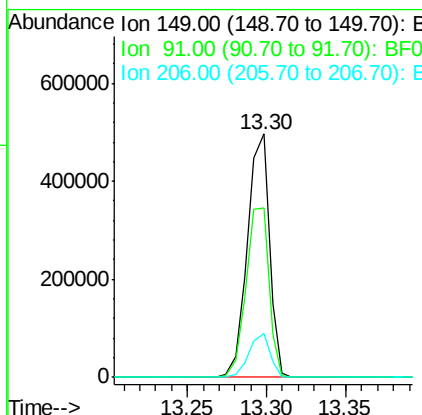
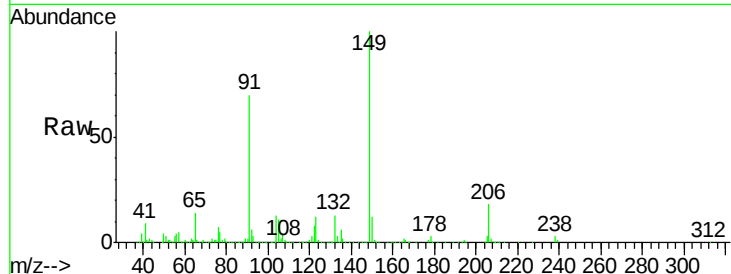
#79
Butylbenzylphthalate
Concen: 44.396 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.6	45.0	67.4#
206	18.0	17.0	25.6

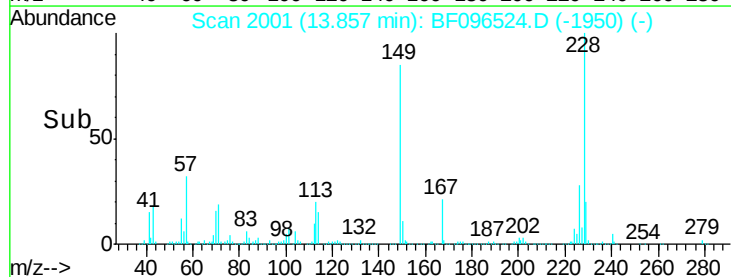
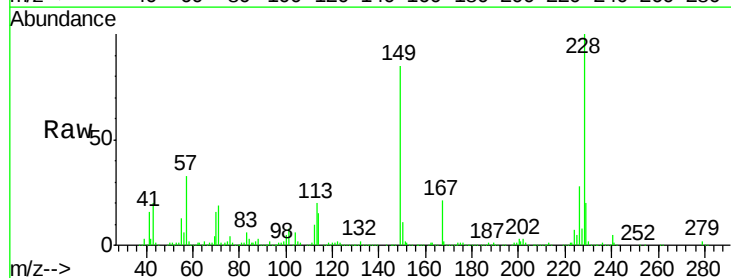
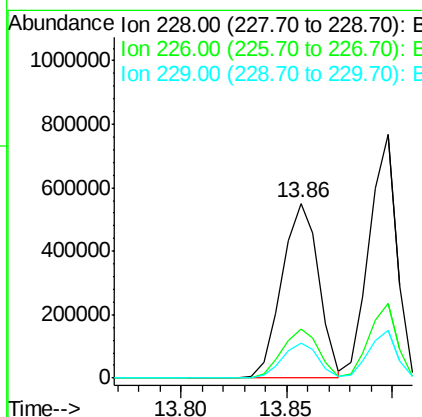
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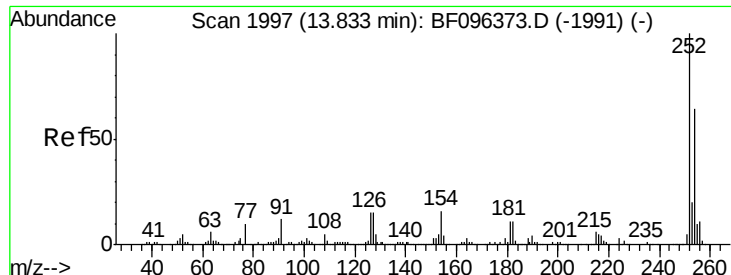
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#80
Benzo(a)anthracene
Concen: 43.584 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	22.6	33.8
229	19.8	16.3	24.5





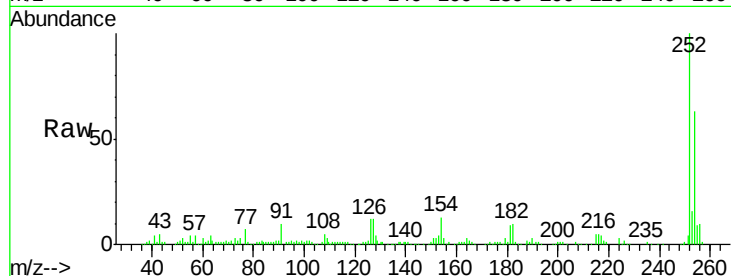
#81
 3,3'-Dichlorobenzidine
 Concen: 20.568 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

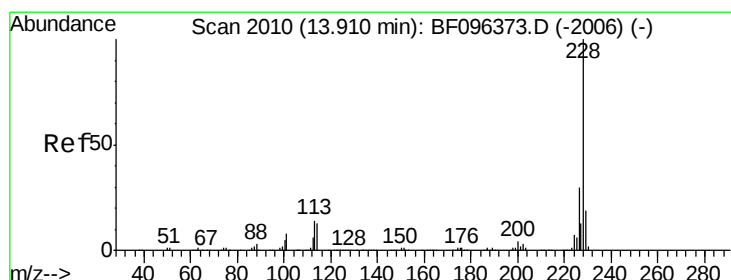
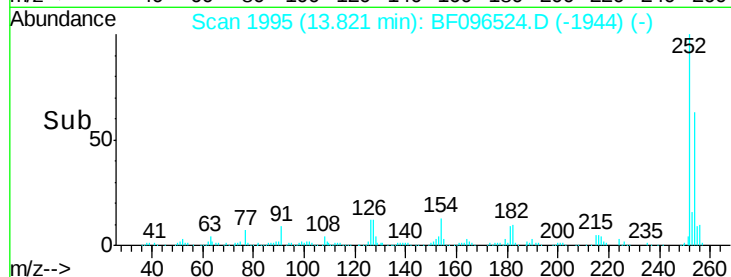
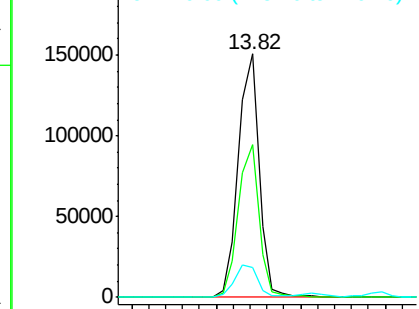
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.0	51.5	77.3
126	12.1	15.8	23.8

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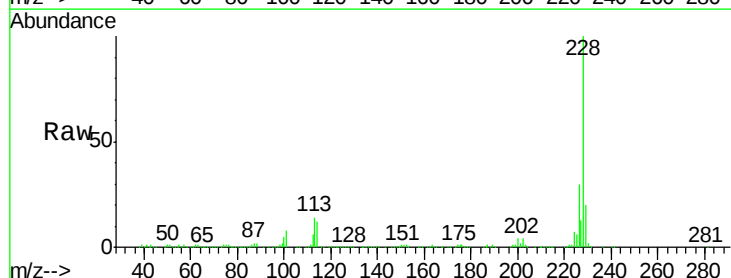


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

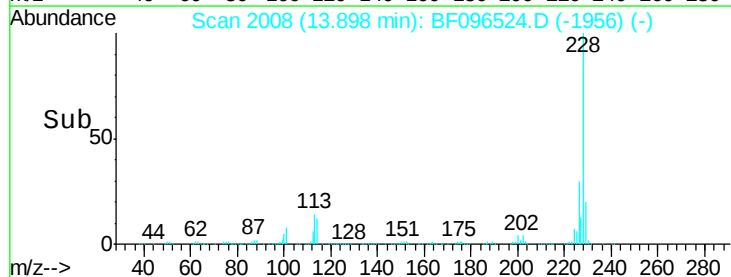
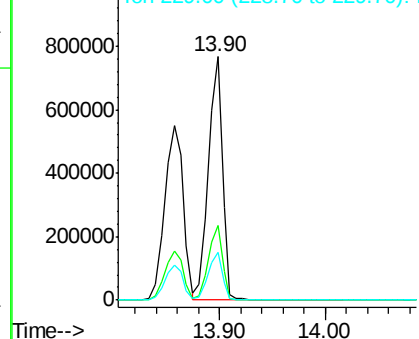


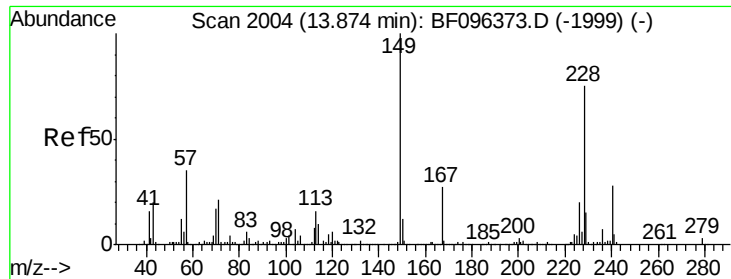
#82
 Chrysene
 Concen: 43.965 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	24.9	37.3
229	19.6	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





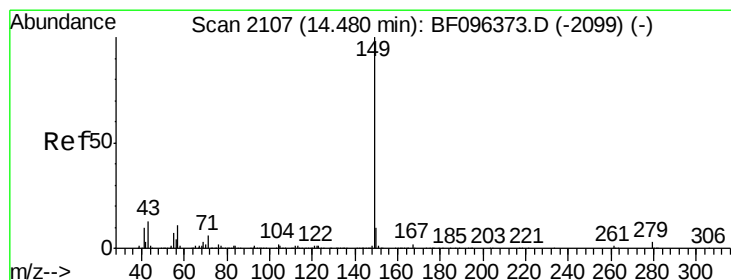
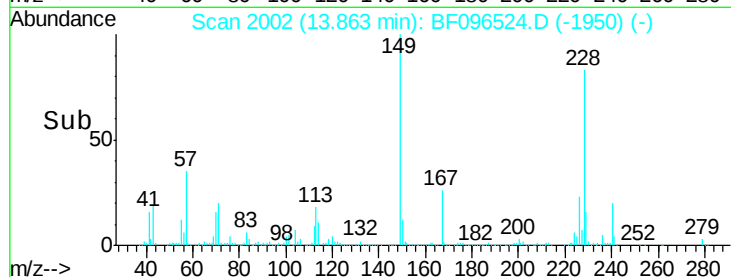
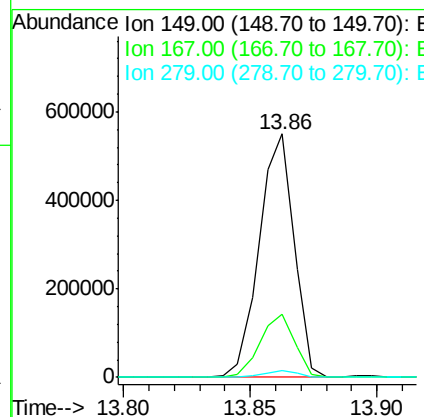
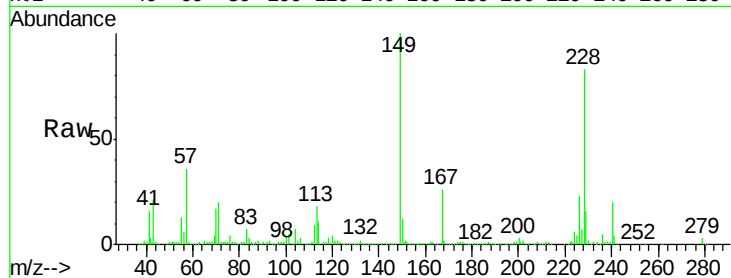
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.975 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.0	21.0	31.4
279	2.7	1.9	2.9

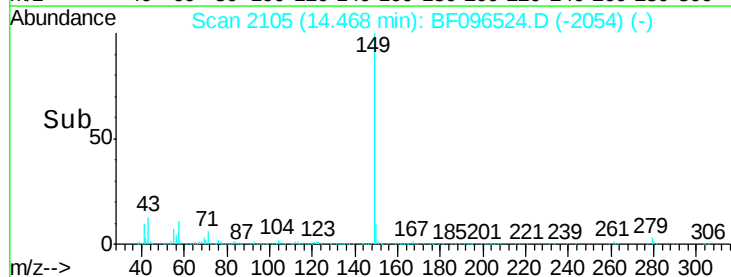
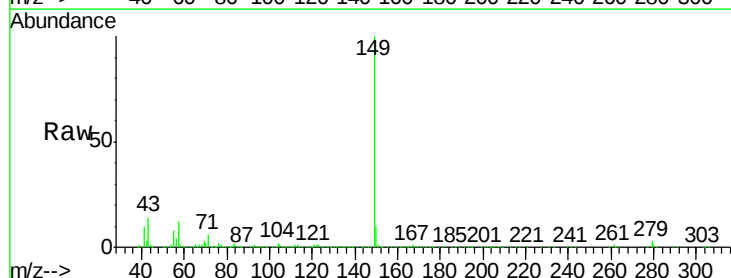
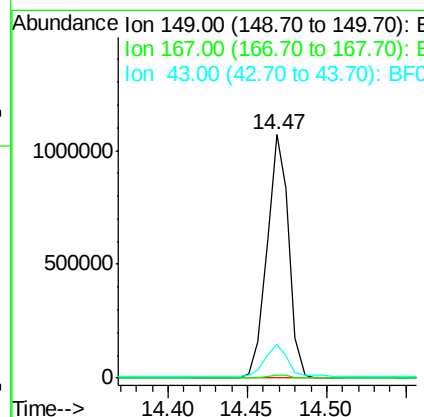
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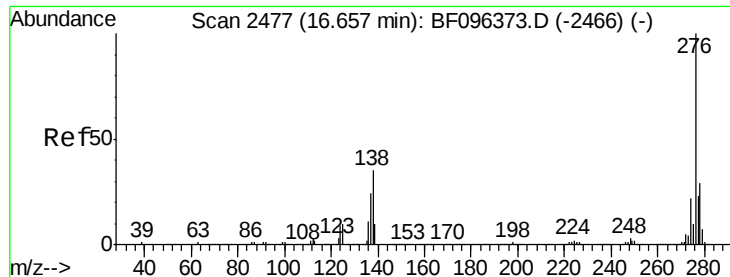
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 43.171 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.2	1.8
43	13.8	8.5	12.7#





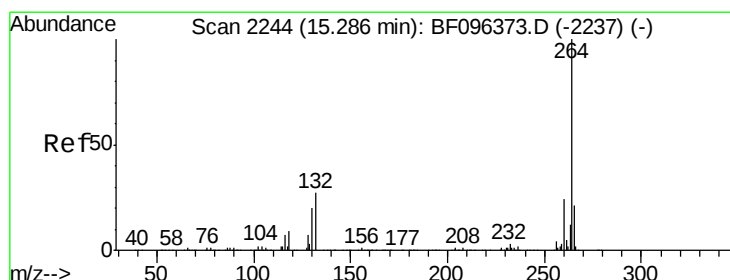
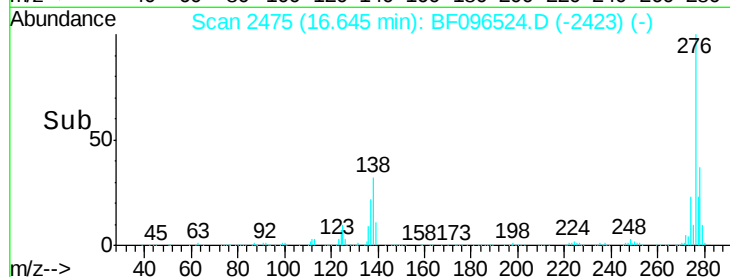
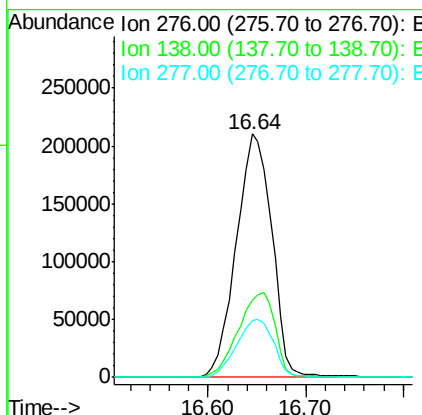
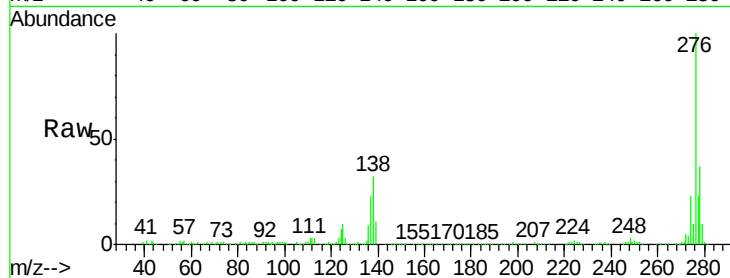
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.051 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. 0.01 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	533726		
138	36.6		27.8	41.6
277	24.9		20.2	30.4

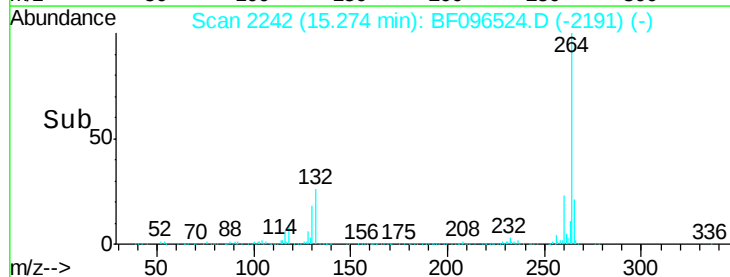
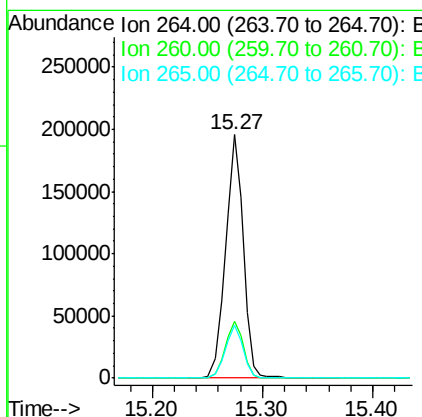
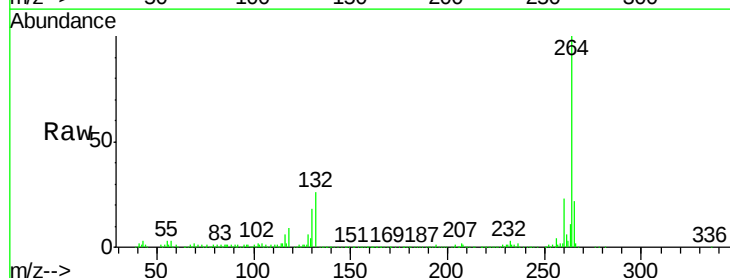
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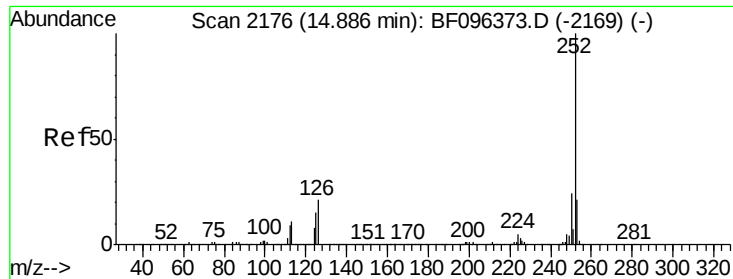
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	220220		
260	23.3		19.5	29.3
265	21.5		17.2	25.8





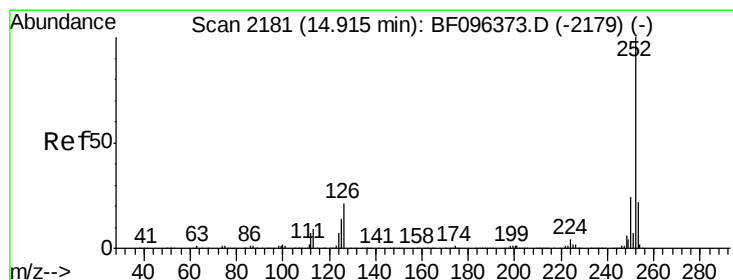
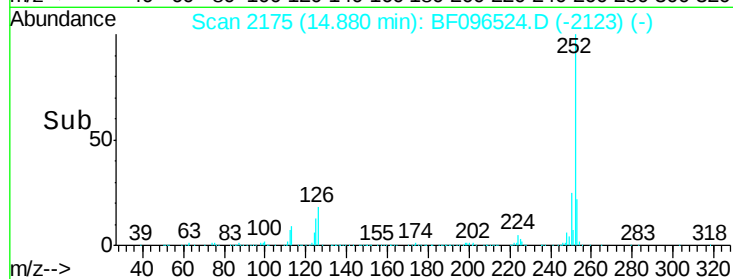
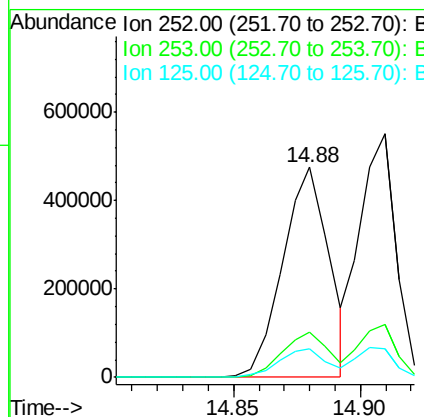
#87
Benzo(b)fluoranthene
Concen: 43.624 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	13.4	9.8	14.8

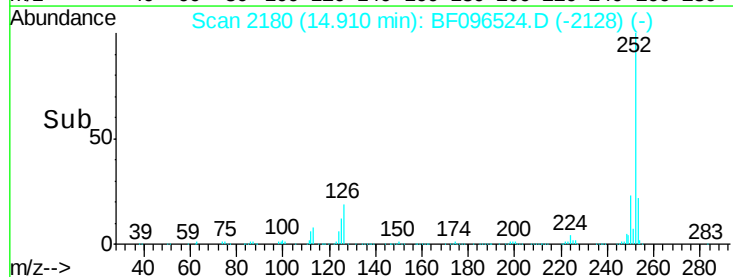
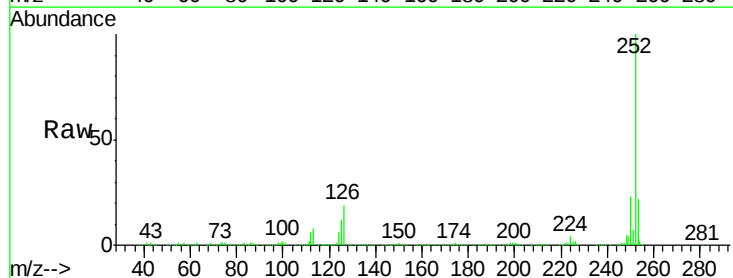
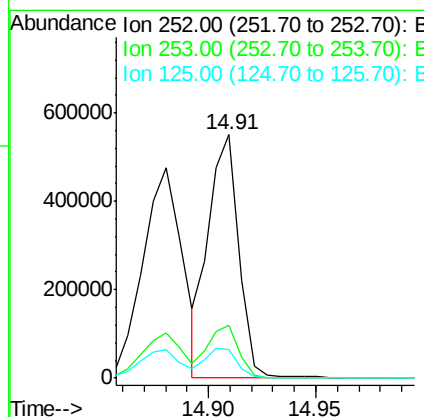
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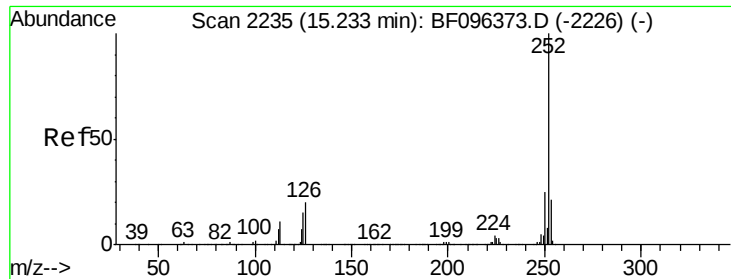
mohammad
7/10/2017 11:44:43 AM



#88
Benzo(k)fluoranthene
Concen: 44.722 ng m
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	11.9	13.1	19.7#





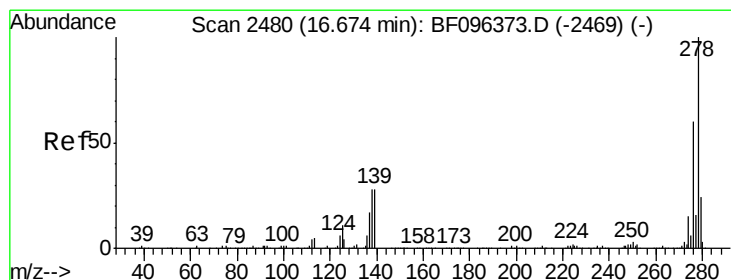
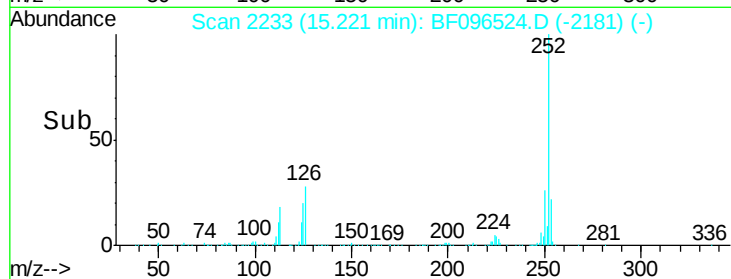
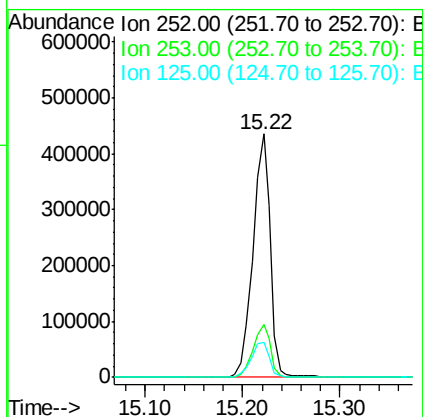
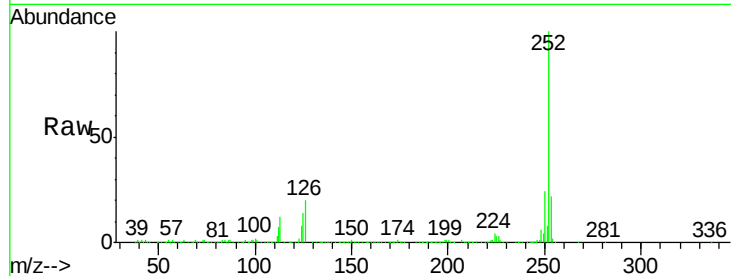
#89
Benzo(a)pyrene
Concen: 44.118 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Instrument :
BNA_F
ClientSampleId :
PB100404BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.3	11.0	16.4

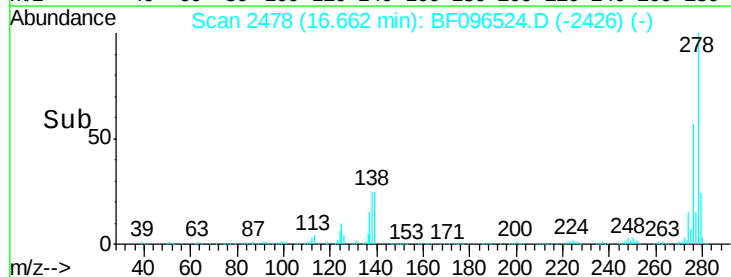
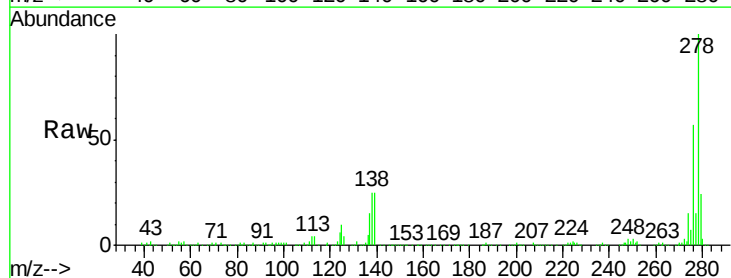
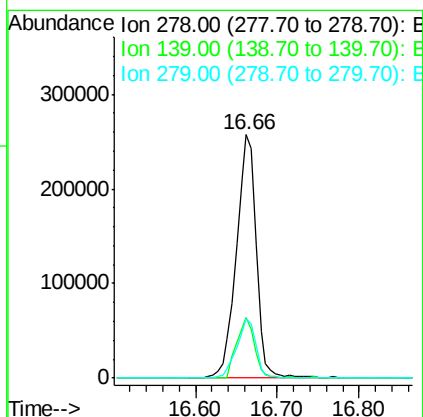
Manual Integrations
APPROVED

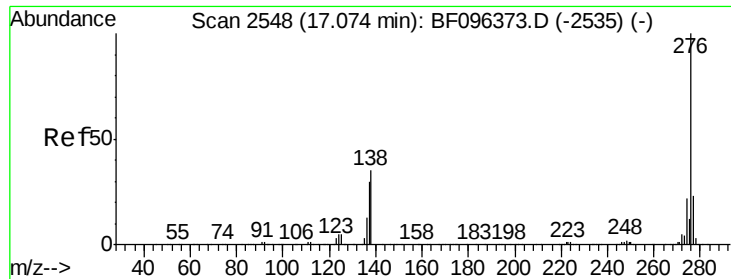
mohammad
7/10/2017 11:44:43 AM



#90
Dibenzo(a,h)anthracene
Concen: 45.091 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BF096524.D
Acq: 6 Jul 2017 11:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.0	16.6	24.8#
279	24.2	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 46.200 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. 0.01 min
 Lab File: BF096524.D
 Acq: 6 Jul 2017 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BS

Tgt	Ion	276	Resp:	463982
Ion	Ratio	Lower	Upper	
276	100			
277	23.6	18.6	28.0	
138	31.3	25.4	38.0	

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