

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096647.D
 Acq On : 11 Jul 2017 16:33
 Operator : SJ/JU
 Sample : PB100554BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Manual Integrations
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mohammad
 7/12/2017 4:49:49 PM

Quant Time: Jul 11 18:16:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103927	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	446899	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	194932	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	311698	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	175748	20.00	ng	-0.02
86) Perylene-d12	15.22	264	167475	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	842096	119.59	ng	0.00
7) Phenol-d6	6.33	99	951894	109.97	ng	-0.01
23) Nitrobenzene-d5	7.25	82	607711	81.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	194100	127.47	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1074186	94.22	ng	-0.02
78) Terphenyl-d14	12.78	244	791126	96.19	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	100310	30.044	ng	# 74
3) Pyridine	3.08	79	282711	30.861	ng	# 67
4) n-Nitrosodimethylamine	3.02	42	168675	37.304	ng	# 82
6) Aniline	6.35	93	302903	27.074	ng	# 1
8) 2-Chlorophenol	6.47	128	310204	41.312	ng	# 98
9) Benzaldehyde	6.23	77	158300	29.220	ng	# 98
10) Phenol	6.35	94	355886	36.088	ng	# 83
11) bis(2-Chloroethyl)ether	6.43	93	301019	39.498	ng	# 95
12) 1,3-Dichlorobenzene	6.63	146	329143	41.806	ng	# 99
13) 1,4-Dichlorobenzene	6.70	146	330757	42.032	ng	# 97
14) 1,2-Dichlorobenzene	6.86	146	305604	42.296	ng	# 98
15) Benzyl Alcohol	6.83	79	252585	43.651	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	603820	38.973	ng	# 92
17) 2-Methylphenol	6.95	107	259001	43.282	ng	# 98
18) Hexachloroethane	7.20	117	119475	41.878	ng	# 82
19) n-Nitroso-di-n-propylamine	7.10	70	205326	39.816	ng	# 80
20) 3+4-Methylphenols	7.10	107	301855	45.225	ng	# 81
22) Acetophenone	7.10	105	402944	41.265	ng	# 92
24) Nitrobenzene	7.27	77	315893	40.489	ng	# 90
25) Isophorone	7.51	82	582043	40.364	ng	# 96
26) 2-Nitrophenol	7.59	139	171291	41.480	ng	# 92
27) 2,4-Dimethylphenol	7.63	122	291617	41.473	ng	# 95
28) bis(2-Chloroethoxy)methane	7.72	93	389673	40.937	ng	# 100
29) 2,4-Dichlorophenol	7.83	162	259875	42.837	ng	# 96
30) 1,2,4-Trichlorobenzene	7.91	180	241973	42.283	ng	# 97
31) Naphthalene	7.99	128	888444	42.111	ng	# 99
32) Benzoic acid	7.76	122	178335	30.199	ng	# 89
33) 4-Chloroaniline	8.04	127	176691	20.163	ng	# 94
34) Hexachlorobutadiene	8.12	225	120072	40.908	ng	# 98
35) Caprolactam	8.41	113	90705m	43.359	ng	#
36) 4-Chloro-3-methylphenol	8.53	107	277708	41.370	ng	# 89
37) 2-Methylnaphthalene	8.68	142	609717	45.400	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	205029	40.508	ng	# 98
40) Hexachlorocyclopentadiene	8.84	237	203142	82.543	ng	# 98

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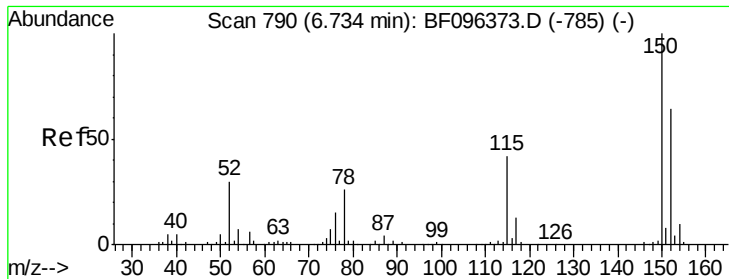
Manual Integrations
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 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	165143	41.244	ng	96
43) 2,4,5-Trichlorophenol	9.00	196	171342	43.280	ng	95
45) 1,1'-Biphenyl	9.15	154	669082	40.060	ng	98
46) 2-Chloronaphthalene	9.17	162	534691	42.957	ng	94
47) 2-Nitroaniline	9.26	65	192816	42.573	ng	92
48) Acenaphthylene	9.58	152	831833	42.176	ng	100
49) Dimethylphthalate	9.45	163	642126	44.127	ng	98
50) 2,6-Dinitrotoluene	9.50	165	143025	44.446	ng	# 81
51) Acenaphthene	9.75	154	483939	39.806	ng	99
52) 3-Nitroaniline	9.67	138	102685	25.584	ng	96
53) 2,4-Dinitrophenol	9.78	184	102766	60.127	ng	# 76
54) Dibenzofuran	9.93	168	728267	45.372	ng	98
55) 4-Nitrophenol	9.84	139	228944	68.821	ng	# 67
56) 2,4-Dinitrotoluene	9.91	165	179643	44.083	ng	# 77
57) Fluorene	10.27	166	528200	46.594	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.04	232	131236	47.913	ng	# 98
59) Diethylphthalate	10.14	149	628397	45.687	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	220420	44.689	ng	97
61) 4-Nitroaniline	10.29	138	154574	42.355	ng	91
62) Azobenzene	10.42	77	578710	43.512	ng	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	79178	36.833	ng	79
65) n-Nitrosodiphenylamine	10.38	169	498823	45.611	ng	98
66) 4-Bromophenyl-phenylether	10.74	248	135009	44.495	ng	97
67) Hexachlorobenzene	10.82	284	145728	43.874	ng	# 88
68) Atrazine	10.91	200	141897	45.415	ng	97
69) Pentachlorophenol	11.01	266	150705	76.555	ng	98
70) Phenanthrene	11.22	178	786299	46.666	ng	99
71) Anthracene	11.27	178	798044	46.478	ng	99
72) Carbazole	11.43	167	752182	43.560	ng	98
73) Di-n-butylphthalate	11.77	149	925628	44.256	ng	99
74) Fluoranthene	12.40	202	700943	42.430	ng	98
76) Benzidine	12.52	184	292357	34.669	ng	# 93
77) Pyrene	12.63	202	739224	52.402	ng	98
79) Butylbenzylphthalate	13.26	149	351033	49.157	ng	# 82
80) Benzo(a)anthracene	13.82	228	486151	47.768	ng	99
81) 3,3'-Dichlorobenzidine	13.78	252	127532	30.510	ng	# 96
82) Chrysene	13.85	228	484783	45.487	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	406379	50.981	ng	100
84) Di-n-octyl phthalate	14.43	149	678571	43.229	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.57	276	502104	59.684	ng	98
87) Benzo(b)fluoranthene	14.83	252	450553	42.935	ng	98
88) Benzo(k)fluoranthene	14.86	252	384669	40.979	ng	96
89) Benzo(a)pyrene	15.17	252	448694	47.892	ng	98
90) Dibenzo(a,h)anthracene	16.58	278	413317	56.077	ng	95
91) Benzo(g,h,i)perylene	16.97	276	453362	59.360	ng	97

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



#1

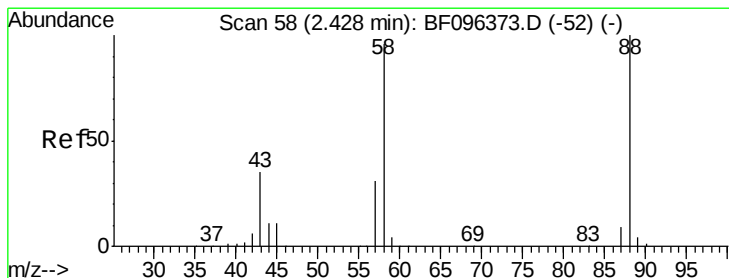
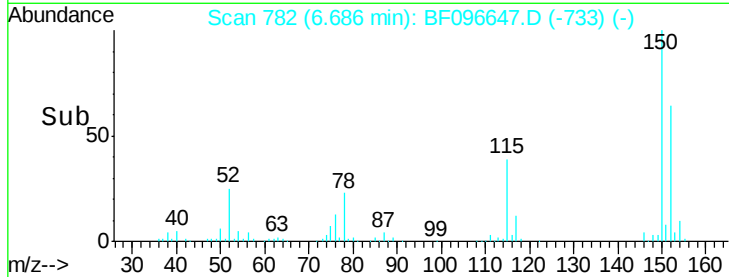
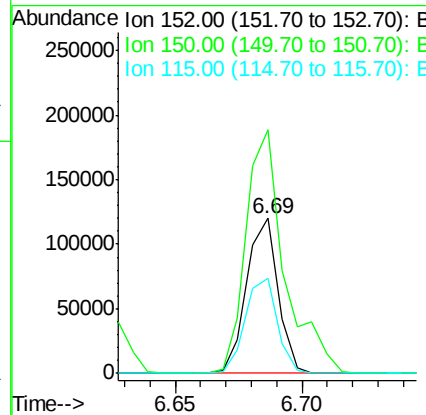
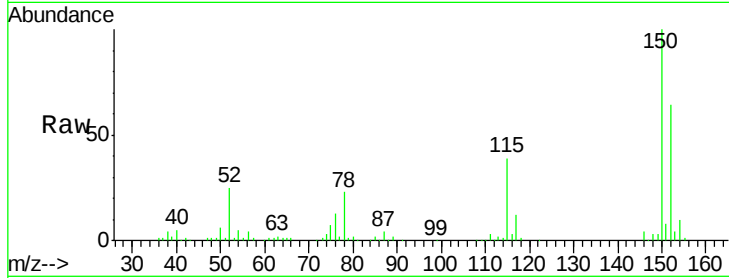
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	61.5	52.2	78.2

Manual Integrations
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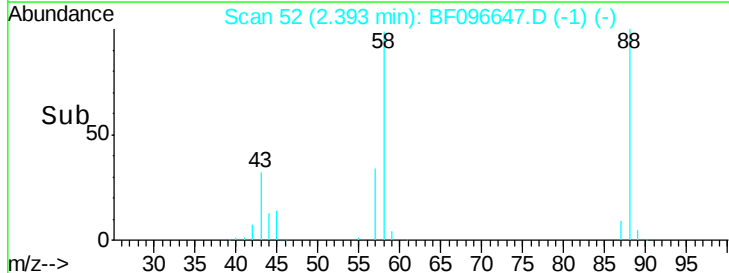
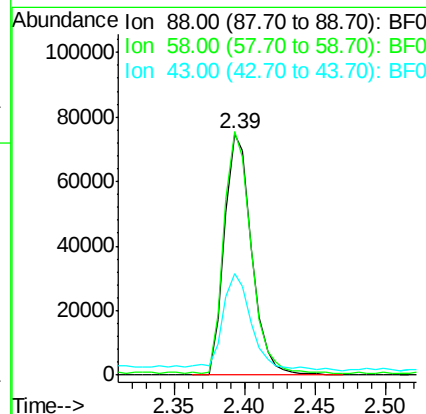
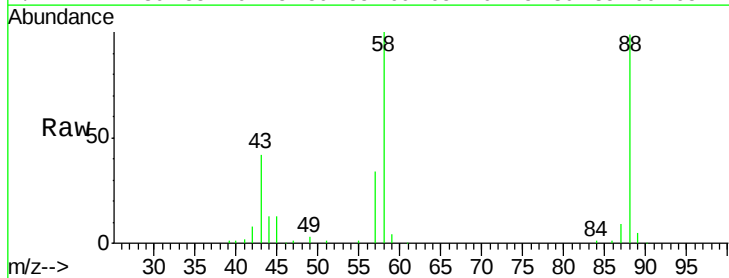
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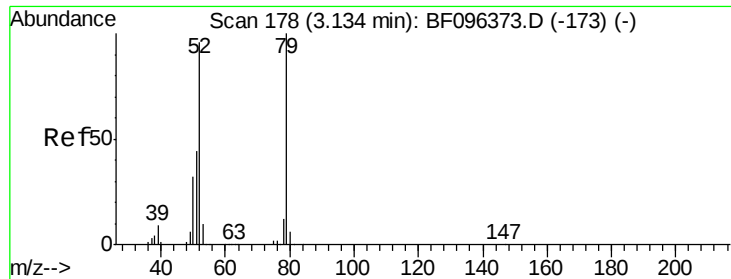


#2

1,4-Dioxane
Concen: 30.044 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.03 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.8	61.4	92.0#
43	40.6	23.4	35.0#





#3

Pyridine

Concen: 30.861 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.03 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

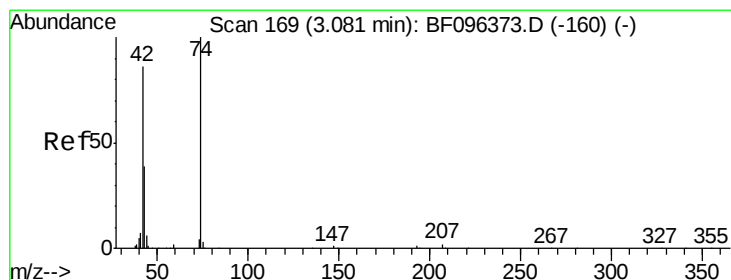
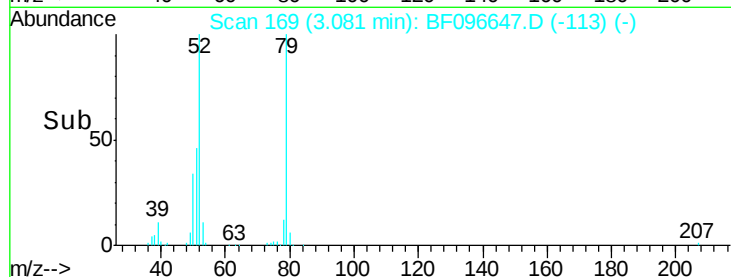
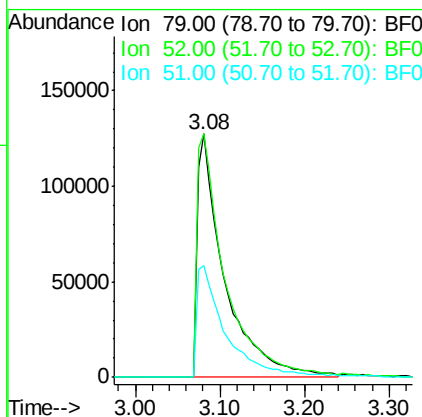
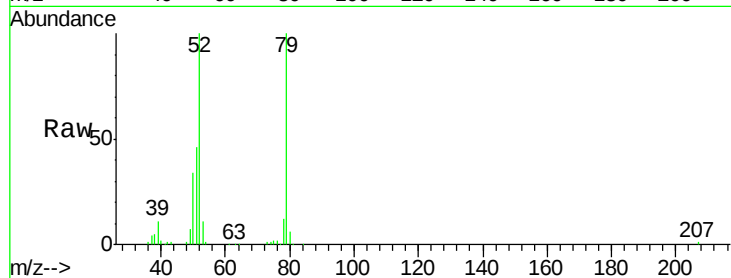
ClientSampleId :

PB100554BS

Tgt Ion:	79	Resp:	282711
Ion Ratio	Lower	Upper	
79	100		
52	99.9	54.8	82.2#
51	45.8	27.0	40.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.304 ng

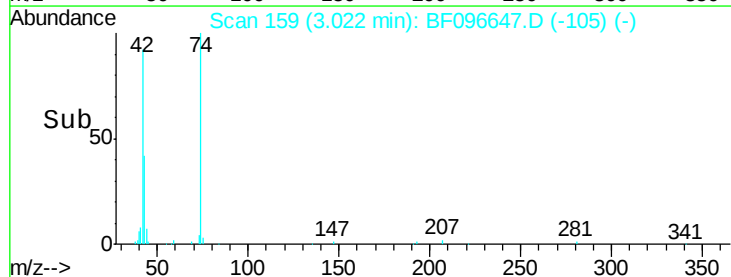
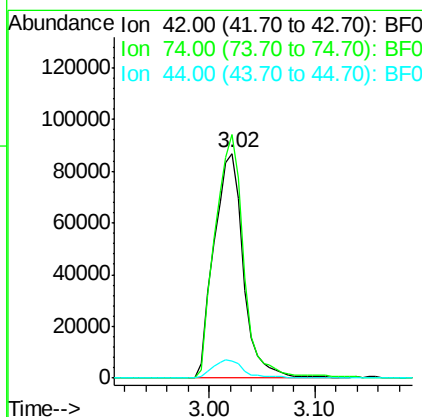
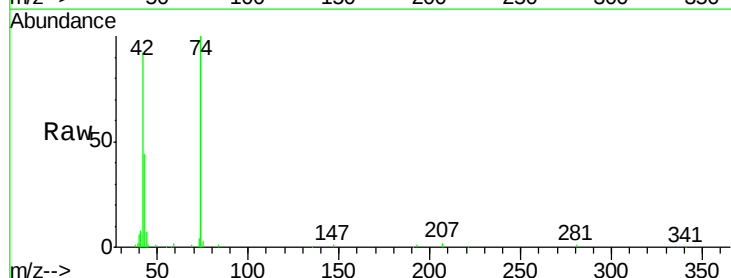
RT: 3.02 min Scan# 159

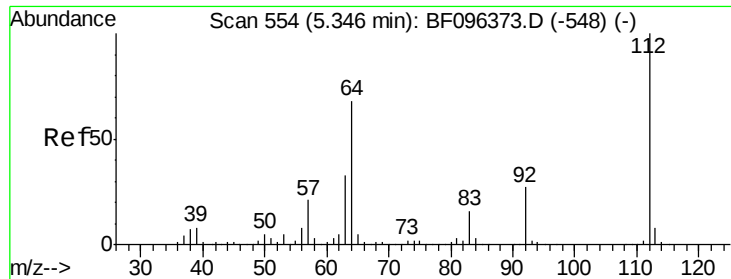
Delta R.T. 0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion:	42	Resp:	168675
Ion Ratio	Lower	Upper	
42	100		
74	108.4	103.9	155.9
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 119.594 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

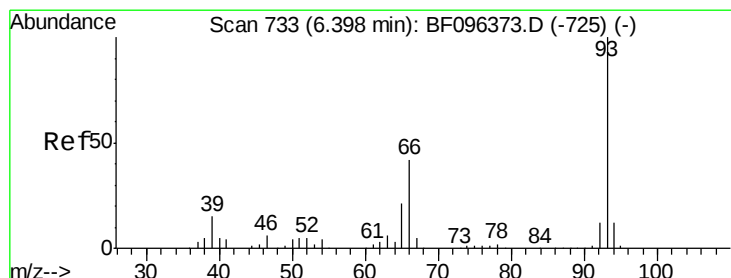
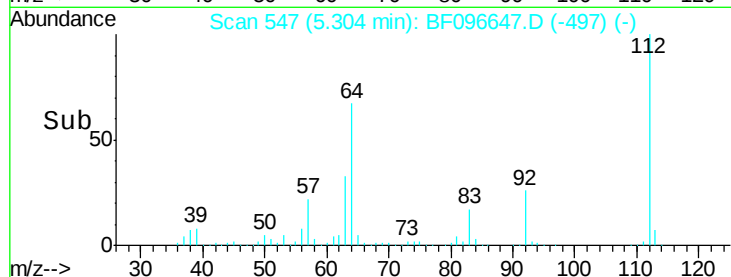
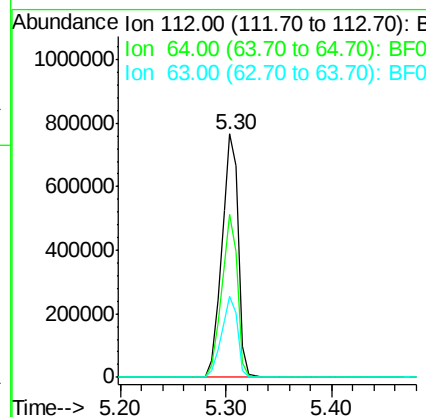
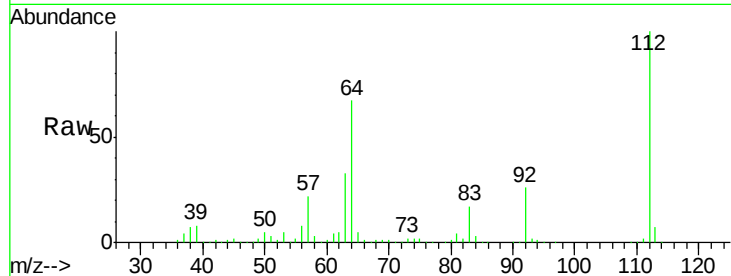
ClientSampled :

PB100554BS

Tgt Ion:	112	Resp:	842096
Ion Ratio	Lower	Upper	
112	100		
64	66.9	46.0	69.0
63	33.4	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 27.074 ng

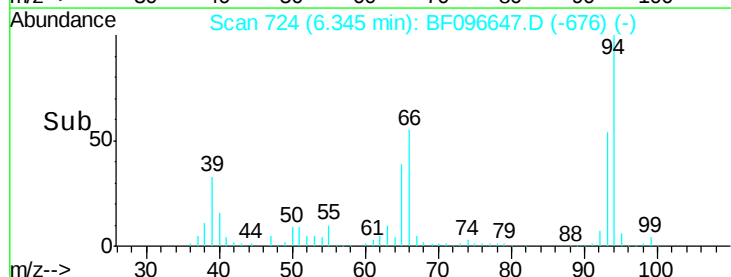
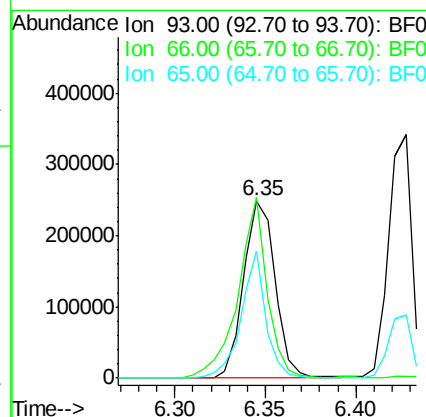
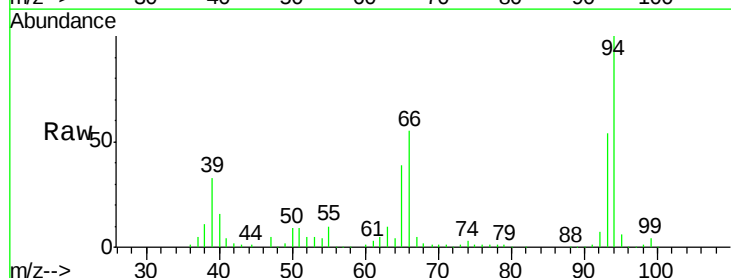
RT: 6.35 min Scan# 724

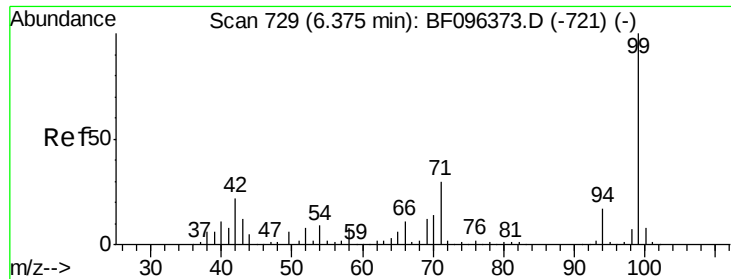
Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion:	93	Resp:	302903
Ion Ratio	Lower	Upper	
93	100		
66	101.9	32.9	49.3#
65	71.7	16.0	24.0#





#7

Phenol-d6

Concen: 109.965 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

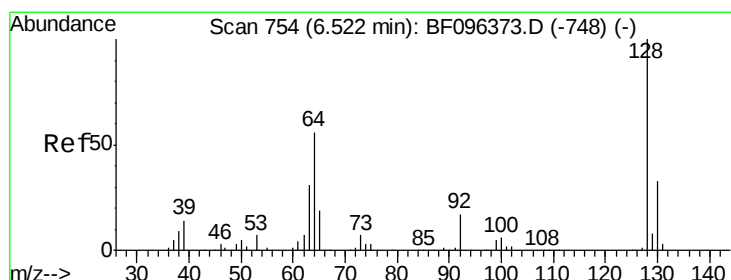
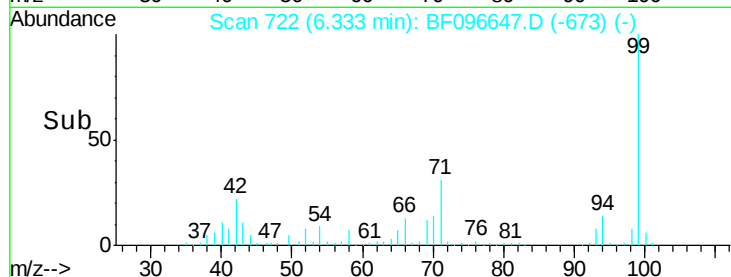
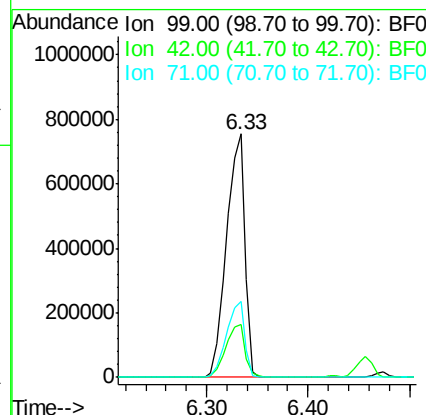
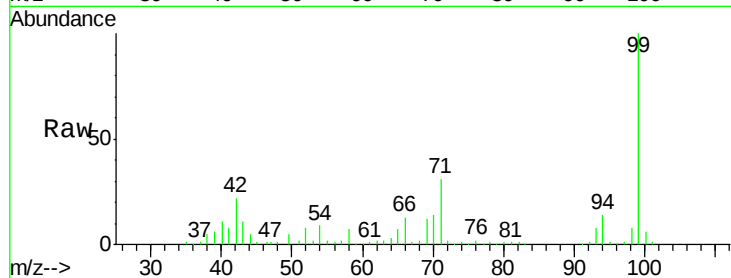
ClientSampleId :

PB100554BS

Tgt Ion:	99	Resp:	951894
Ion Ratio	Lower	Upper	
99	100		
42	21.6	13.5	20.3#
71	31.2	24.5	36.7

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#8

2-Chlorophenol

Concen: 41.312 ng

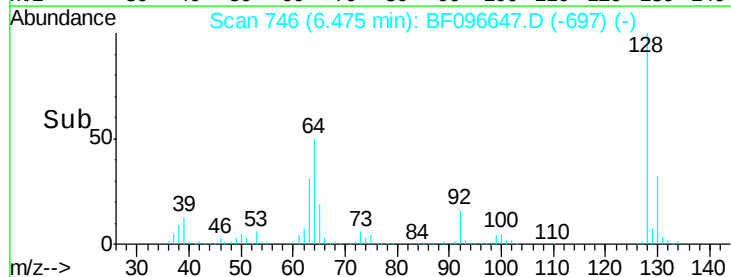
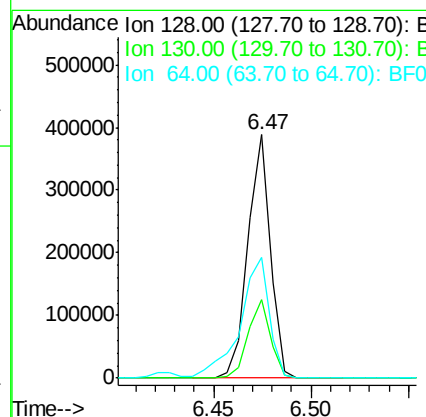
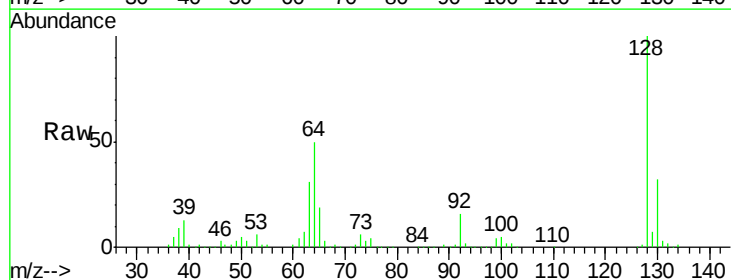
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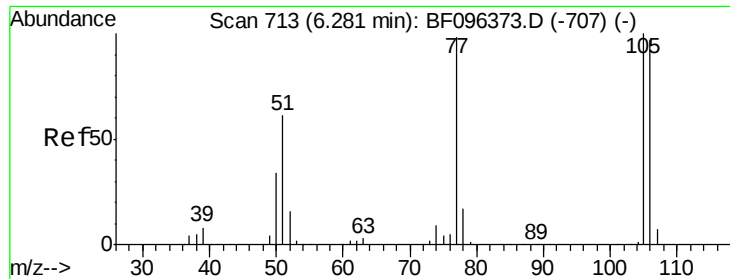
Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion:	128	Resp:	310204
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	49.7	28.4	68.4





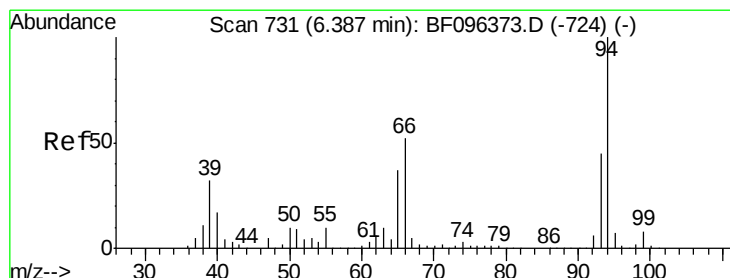
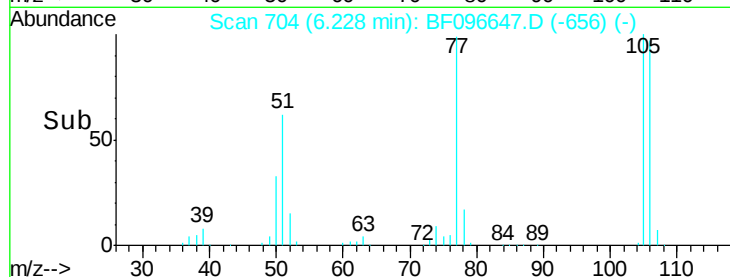
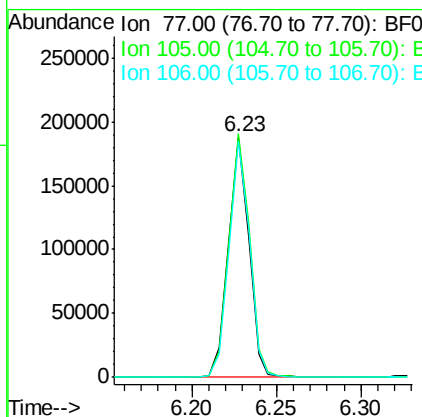
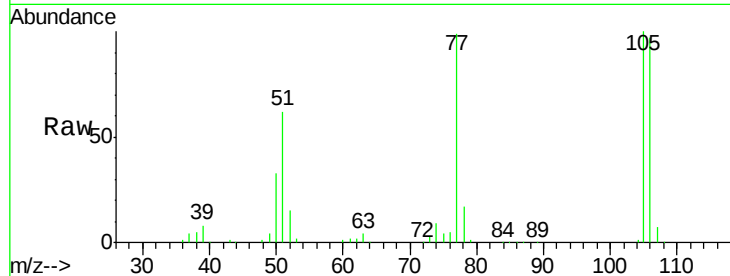
#9
Benzaldehyde
Concen: 29.220 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion: 77 Resp: 158300
Ion Ratio Lower Upper
77 100
105 101.3 83.8 123.8
106 98.4 79.1 119.1

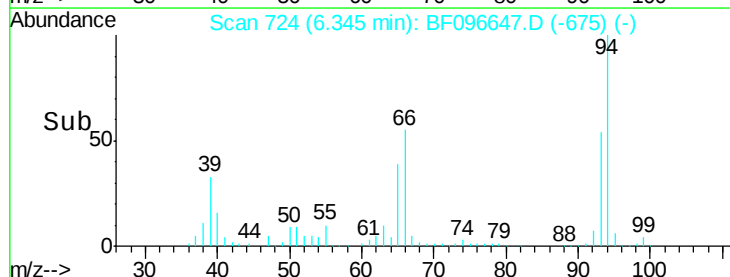
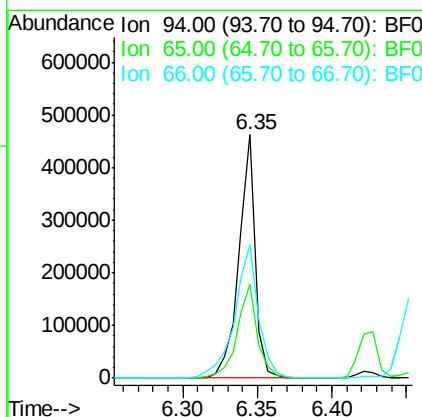
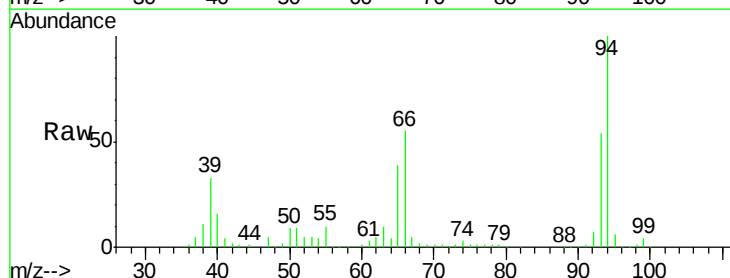
Manual Integrations
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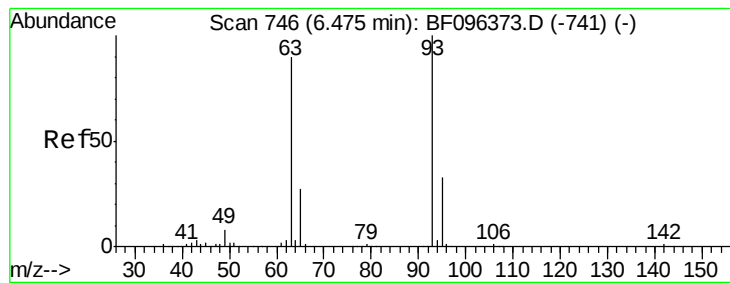
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#10
Phenol
Concen: 36.088 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion: 94 Resp: 355886
Ion Ratio Lower Upper
94 100
65 38.6 9.9 49.9
66 54.8 23.1 63.1





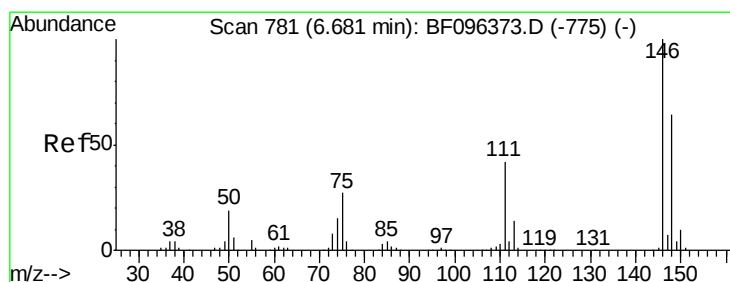
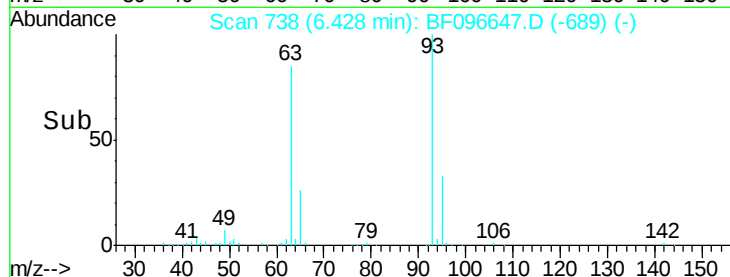
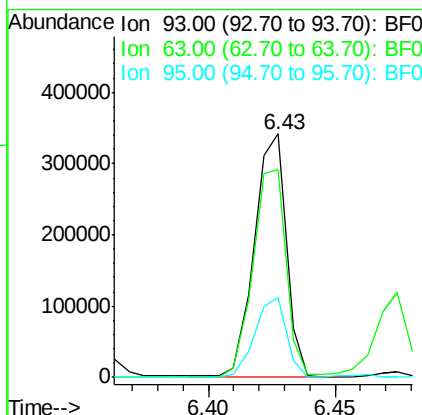
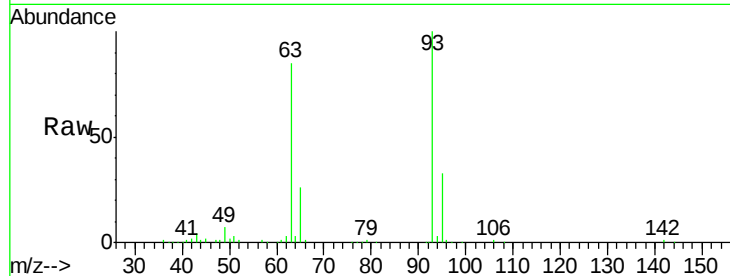
#11
bis(2-Chloroethyl)ether
Concen: 39.498 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	85.1	59.2	99.2
95	32.6	12.8	52.8

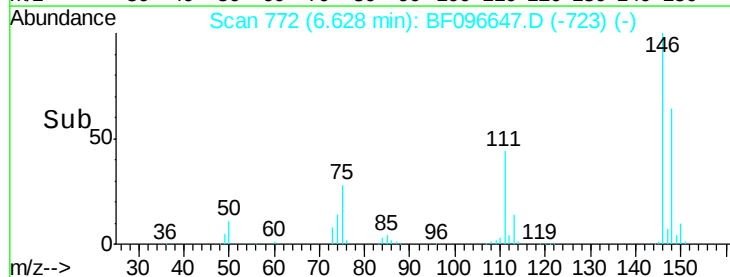
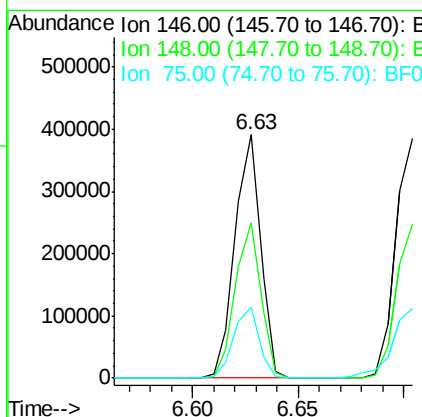
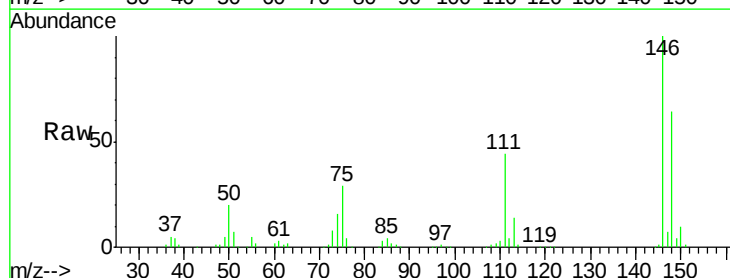
Manual Integrations
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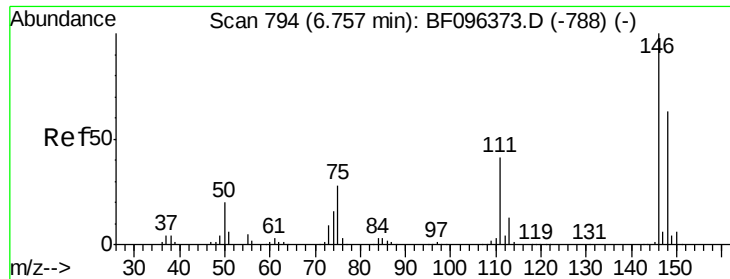
mohammad
7/12/2017 4:49:49 PM



#12
1,3-Dichlorobenzene
Concen: 41.806 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.0	51.8	77.6
75	29.1	23.1	34.7





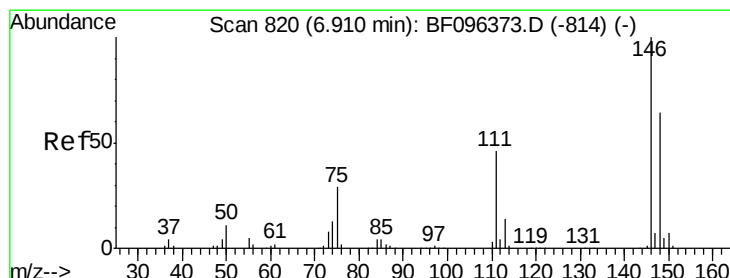
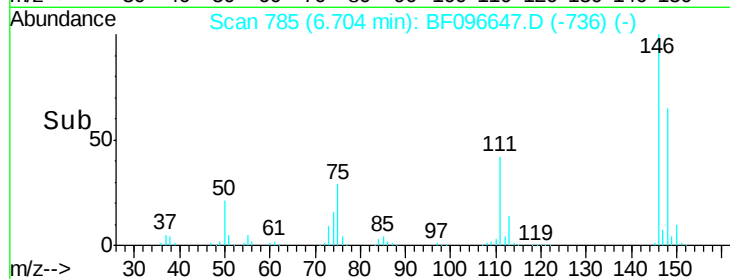
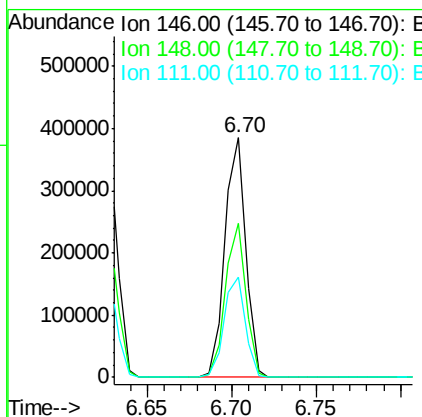
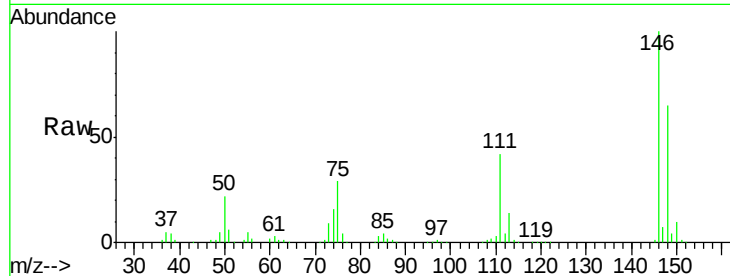
#13
1,4-Dichlorobenzene
Concen: 42.032 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampled :
PB100554BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	42.0	30.3	45.5

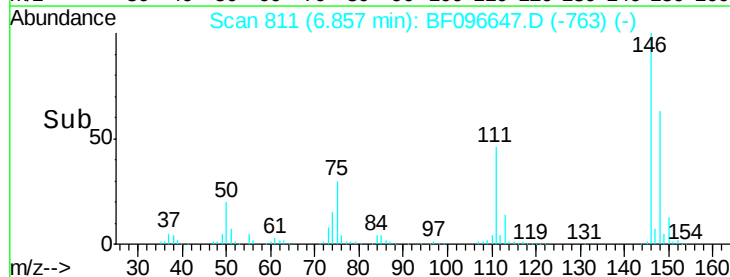
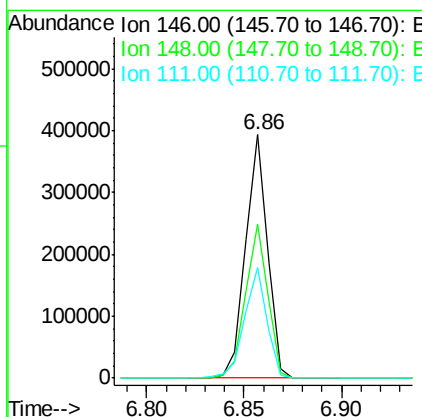
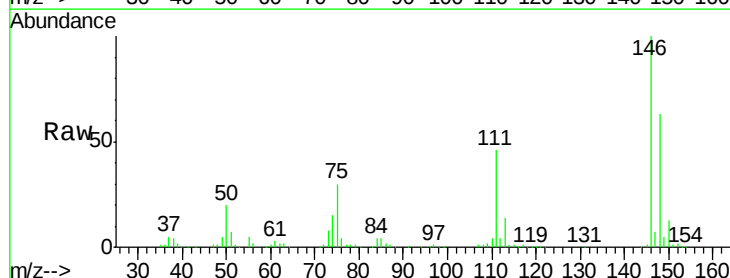
Manual Integrations
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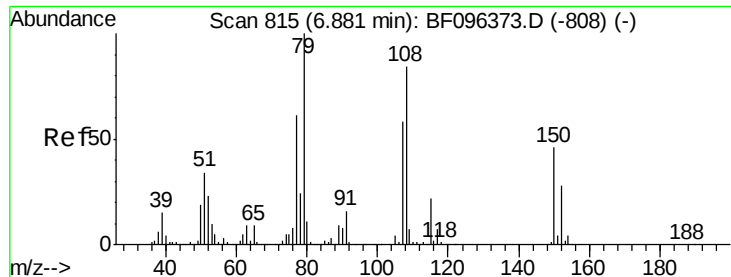
mohammad
7/12/2017 4:49:49 PM



#14
1,2-Dichlorobenzene
Concen: 42.296 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
111	45.5	38.2	57.4





#15

Benzyl Alcohol

Concen: 43.651 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

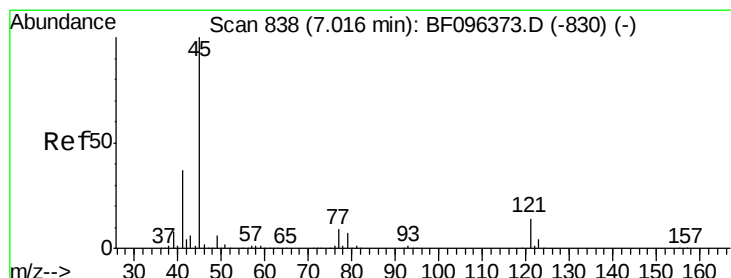
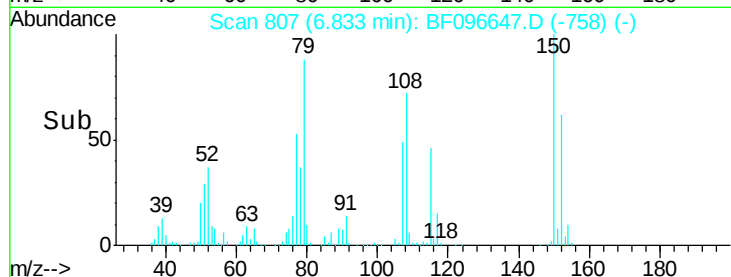
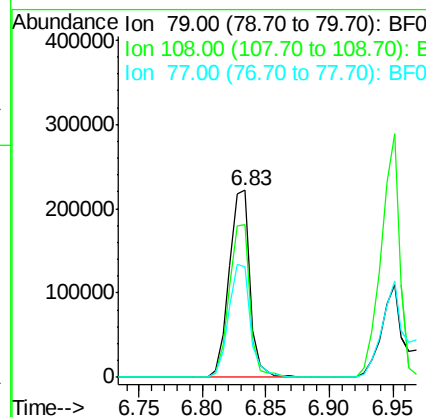
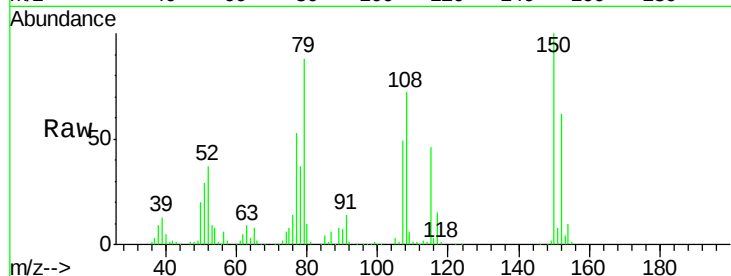
ClientSampleId :

PB100554BS

Tgt Ion:	79	Resp:	252585
Ion	Ratio	Lower	Upper
79	100		
108	81.5	63.4	95.0
77	59.4	49.2	73.8

Manual Integrations
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mohammad
7/12/2017 4:49:49 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.973 ng

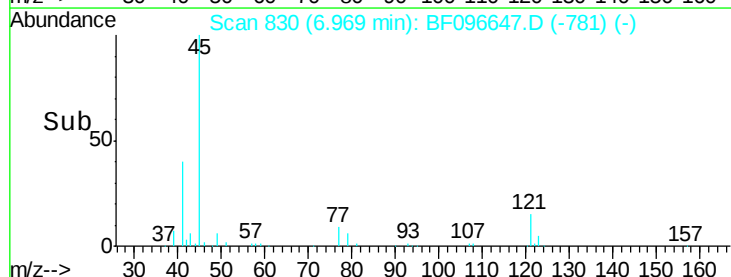
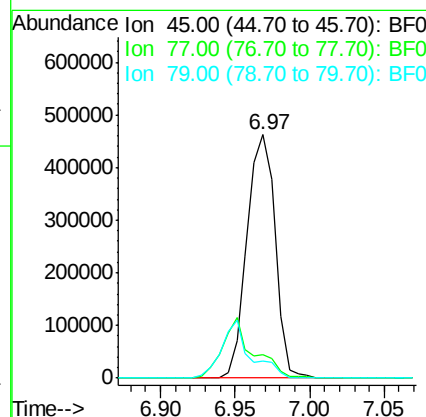
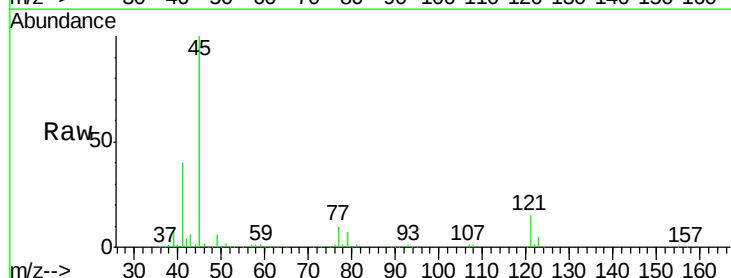
RT: 6.97 min Scan# 830

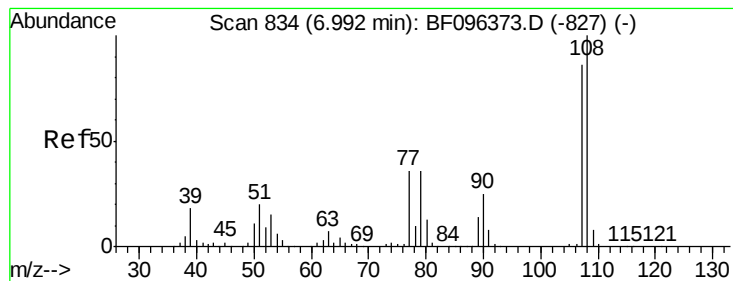
Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion:	45	Resp:	603820
Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	33.2
79	7.0	0.0	30.0





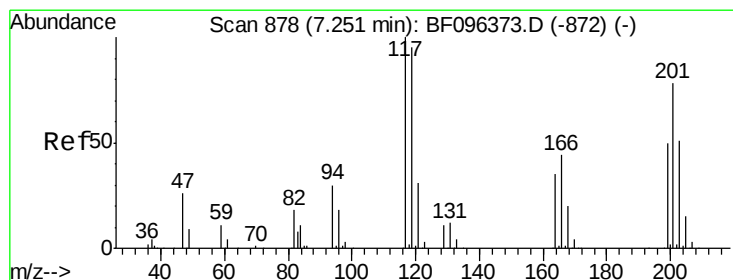
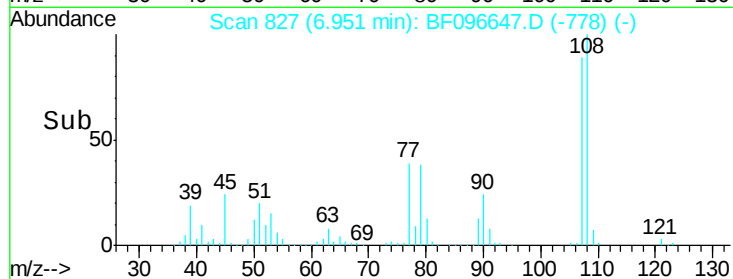
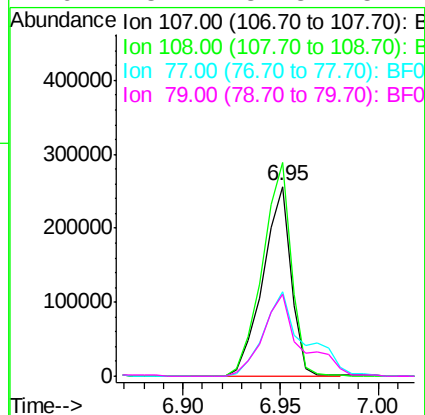
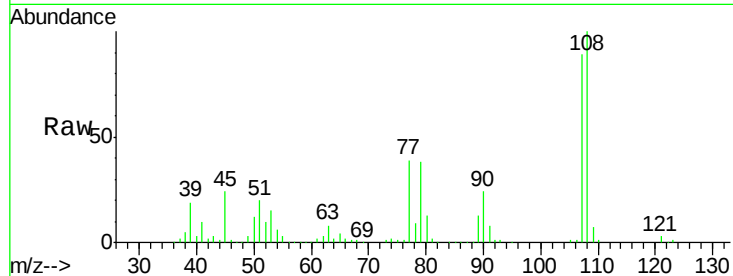
#17
2-Methylphenol
Concen: 43.282 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	259001		
108	112.7	93.4	140.0	
77	44.5	35.8	53.6	
79	43.1	34.8	52.2	

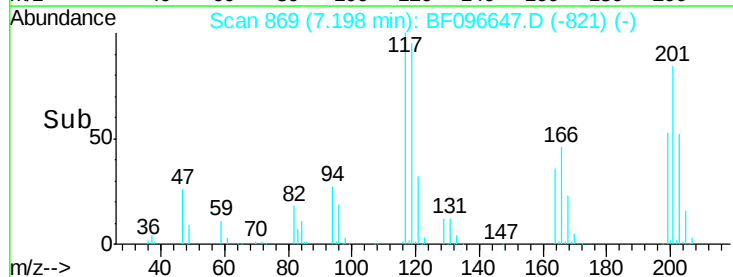
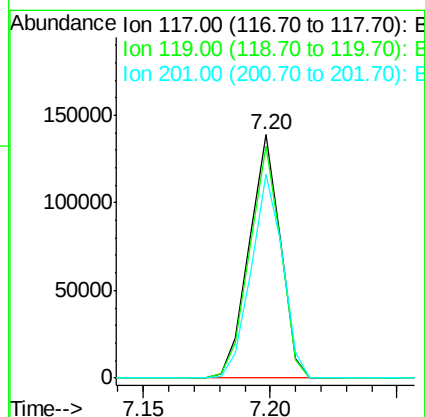
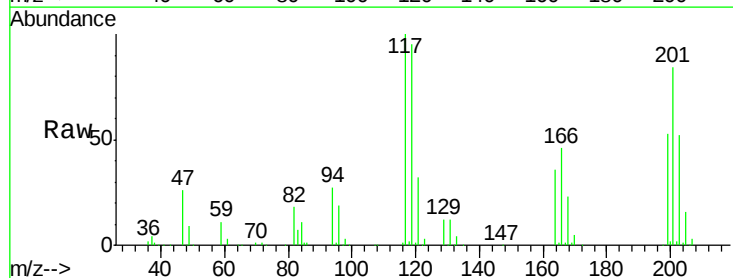
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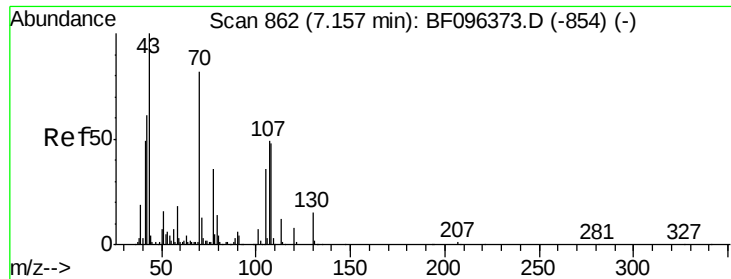
mohammad
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#18
Hexachloroethane
Concen: 41.878 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	119475		
119	95.3	77.4	116.0	
201	83.8	94.6	141.8#	





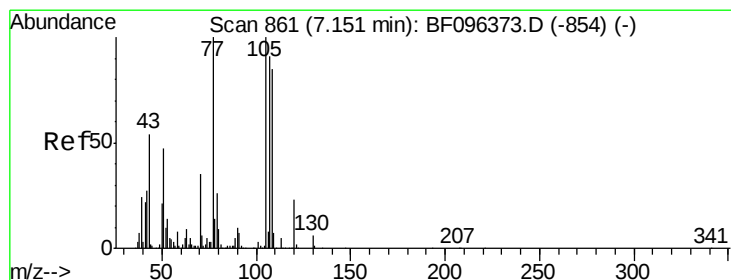
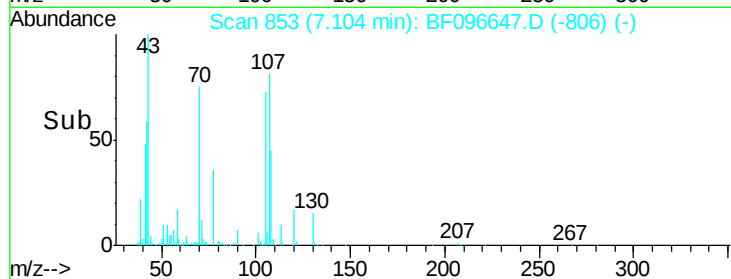
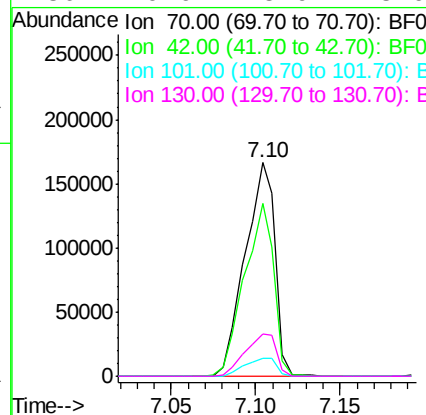
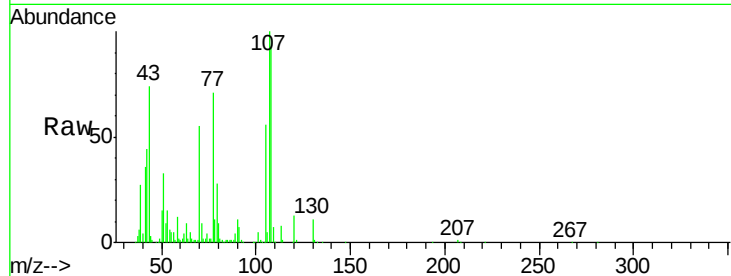
#19
n-Nitroso-di-n-propylamine
Concen: 39.816 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	80.8	47.2	70.8#
101	8.6	7.2	10.8
130	19.9	15.9	23.9

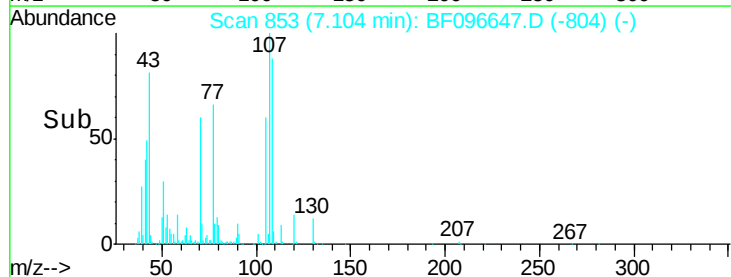
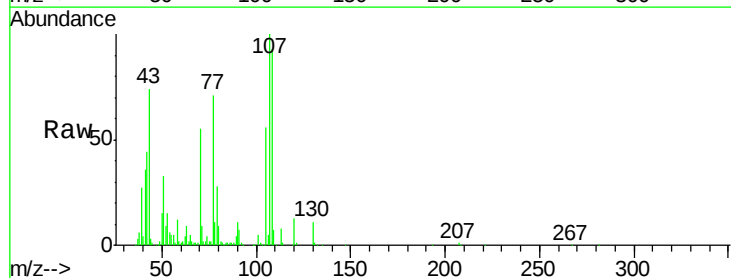
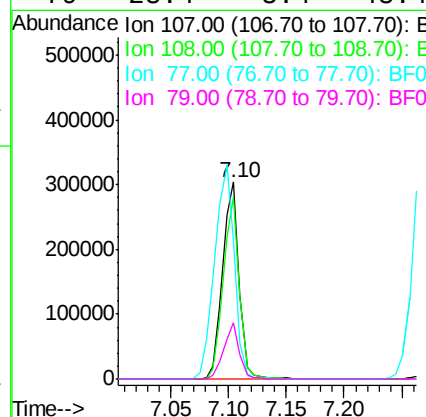
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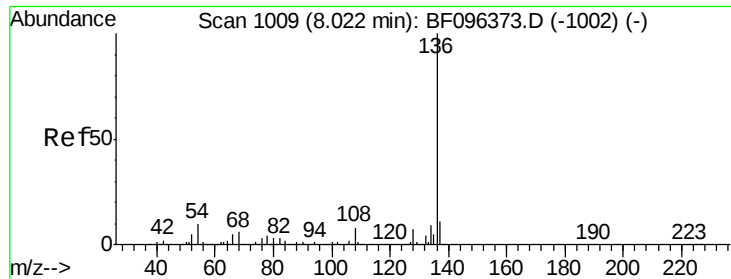
mohammad
7/12/2017 4:49:49 PM



#20
3+4-Methylphenols
Concen: 45.225 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.0	111.0
77	70.6	90.5	130.5#
79	28.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

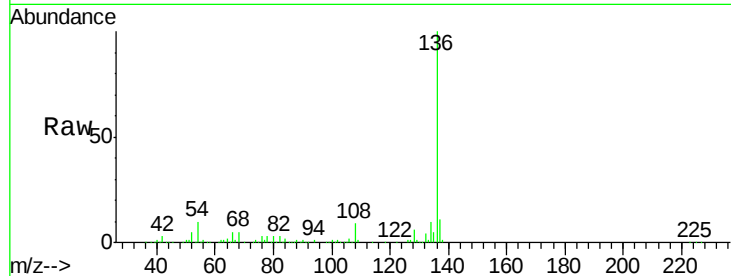
ClientSampleId :

PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	446899		
137	11.0	8.5	12.7	
54	9.7	4.9	7.3	
68	5.3	4.1	6.1	

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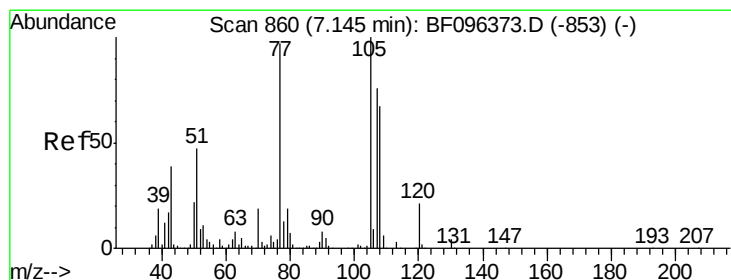
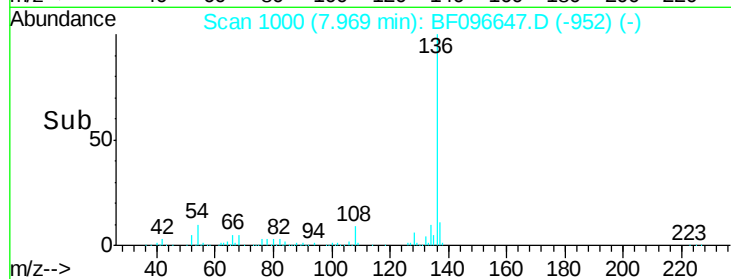
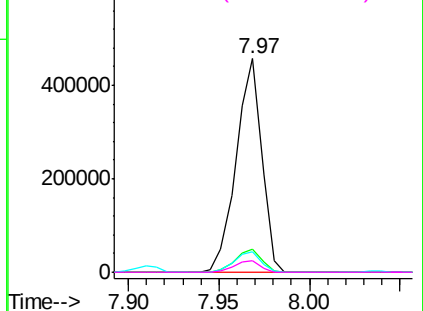


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.265 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

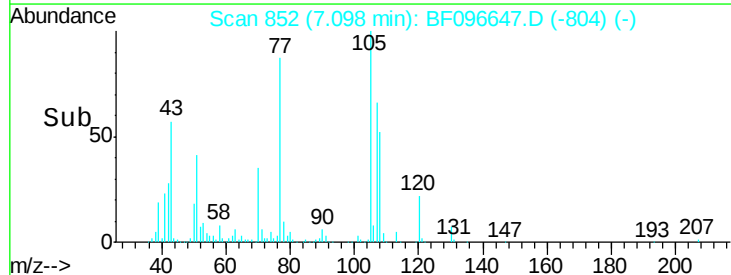
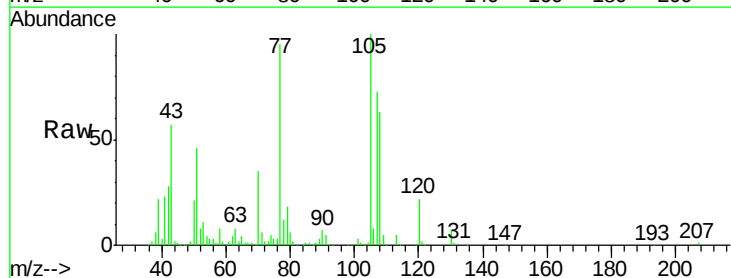
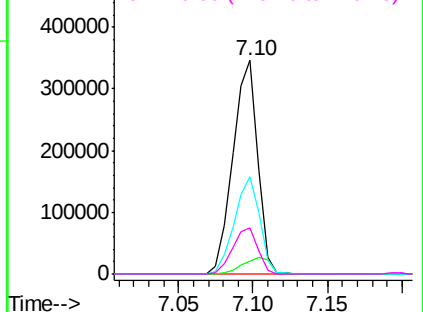
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	402944		
71	5.7	2.8	4.2	
51	45.6	30.7	46.1	
120	21.6	17.4	26.0	

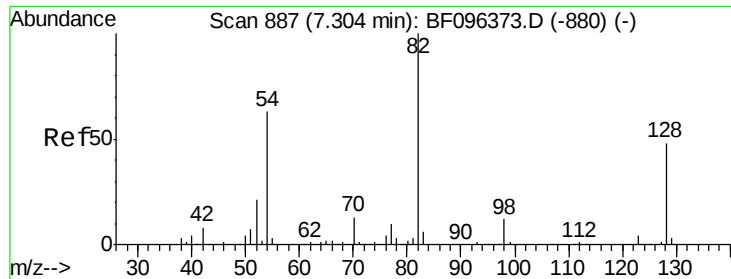
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





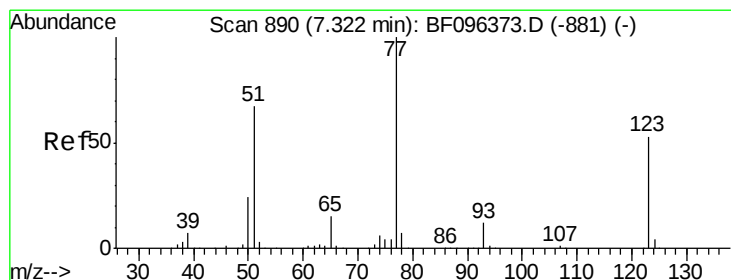
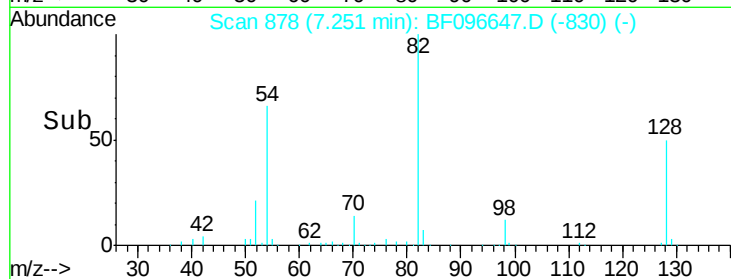
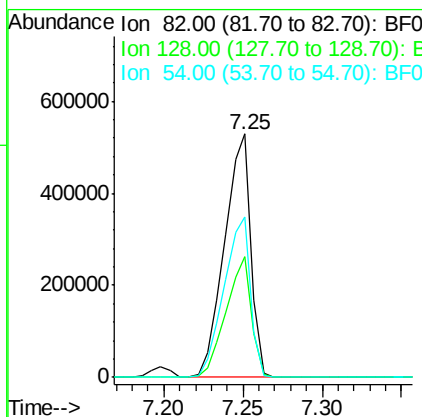
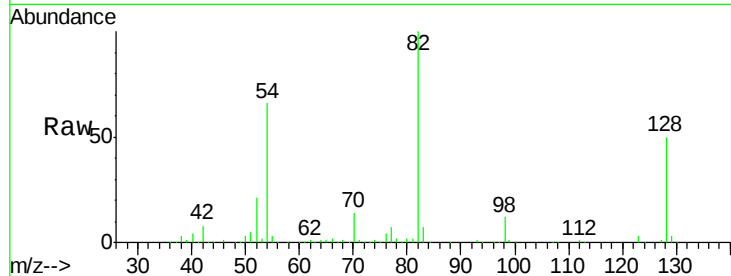
#23
Nitrobenzene-d5
Concen: 81.714 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.7	34.0	51.0
54	65.7	42.2	63.2

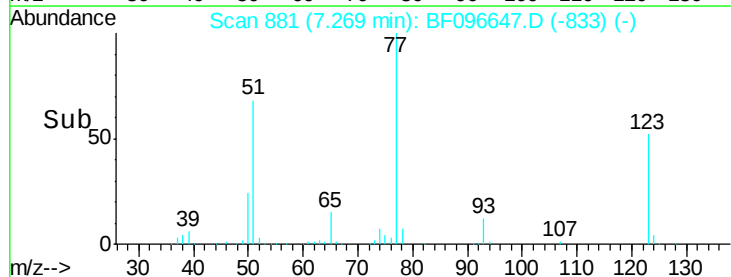
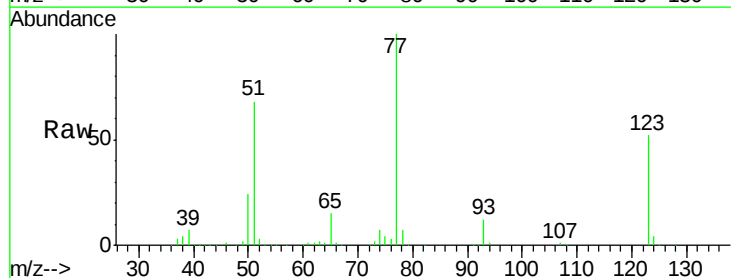
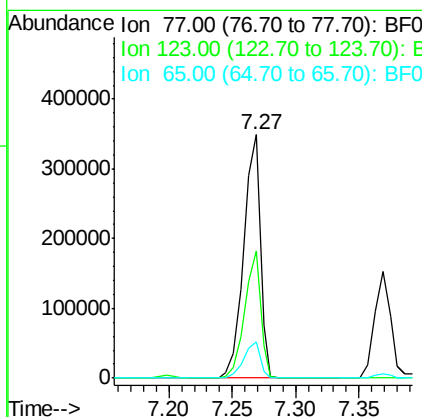
Manual Integrations
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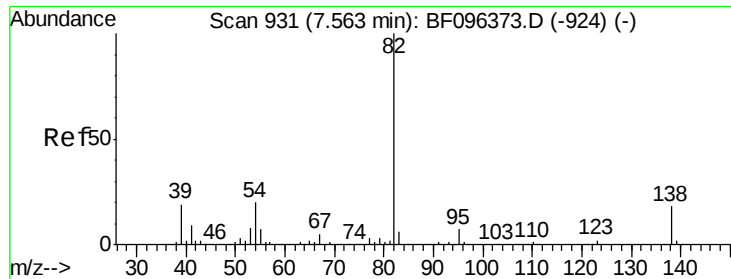
mohammad
7/12/2017 4:49:49 PM



#24
Nitrobenzene
Concen: 40.489 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.2	35.8	53.8
65	14.7	10.6	15.8





#25

Isophorone

Concen: 40.364 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

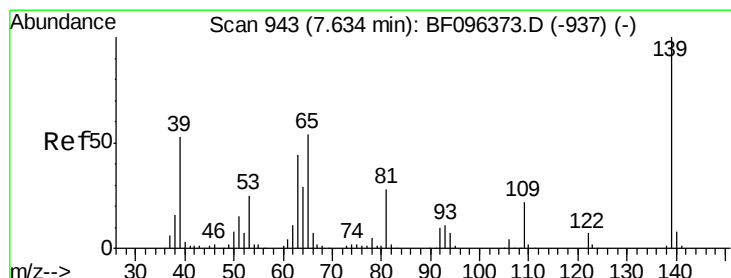
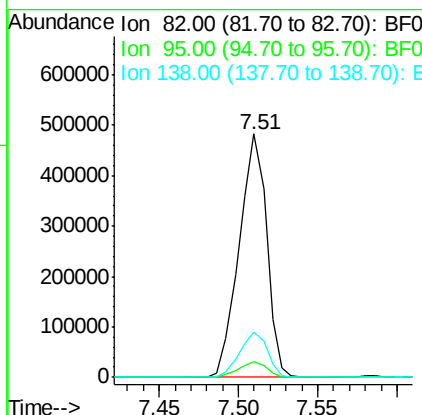
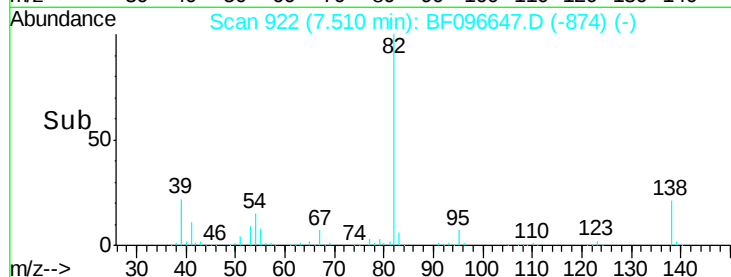
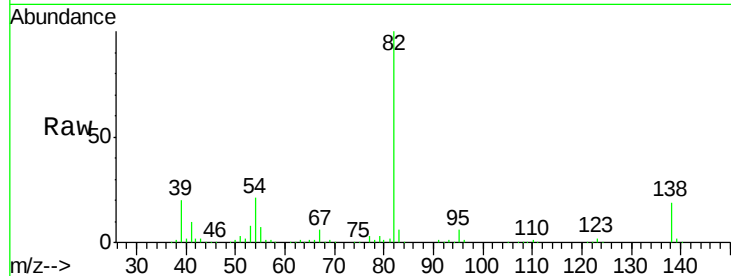
ClientSampleId :

PB100554BS

Tgt Ion:	82	Resp:	582043
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.3	7.9
138	18.6	13.1	19.7

Manual Integrations
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mohammad
7/12/2017 4:49:49 PM



#26

2-Nitrophenol

Concen: 41.480 ng

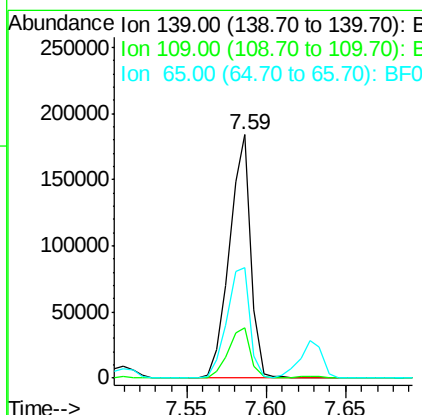
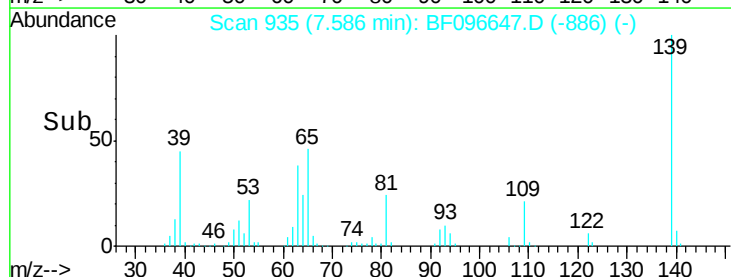
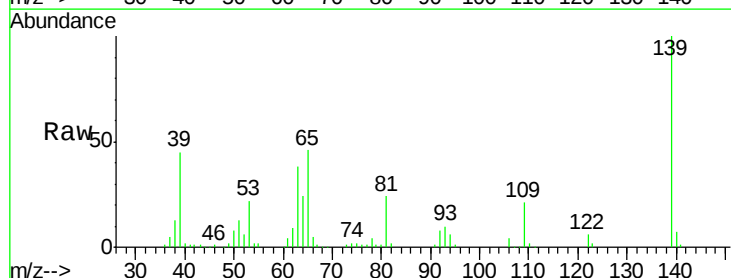
RT: 7.59 min Scan# 935

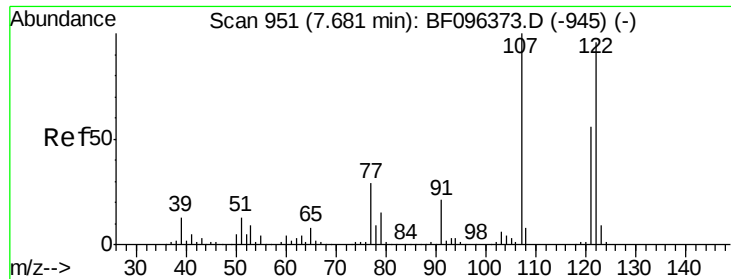
Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion:	139	Resp:	171291
Ion Ratio		Lower	Upper
139	100		
109	20.8	21.0	31.6#
65	45.5	33.0	49.6





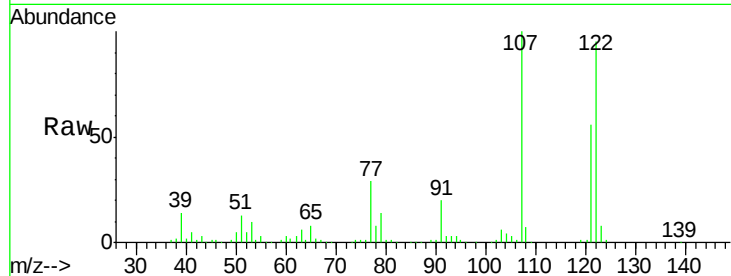
#27
2,4-Dimethylphenol
Concen: 41.473 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

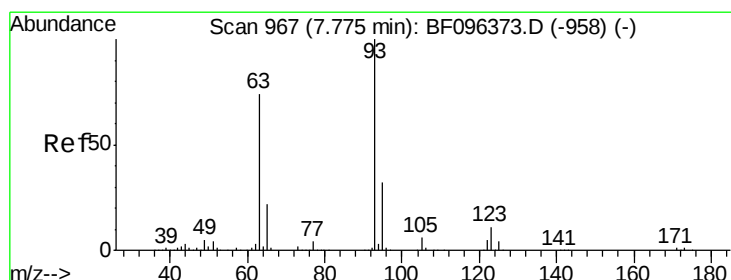
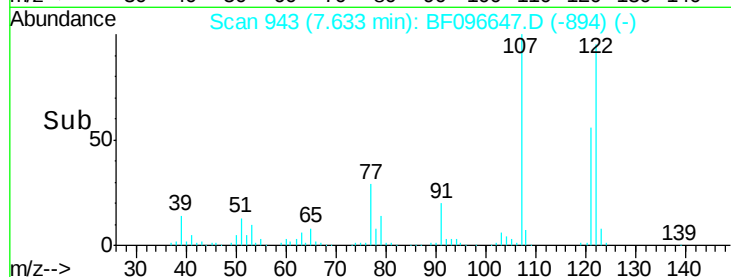
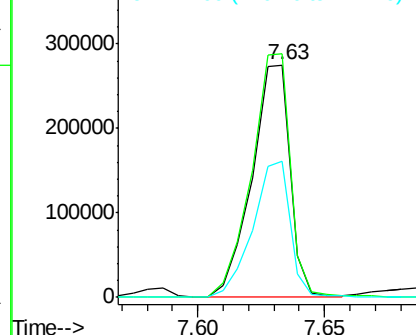
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	291617		
107	104.9	89.2	133.8	
121	58.6	45.2	67.8	

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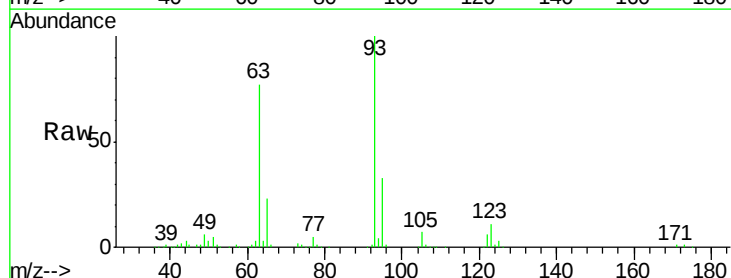


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

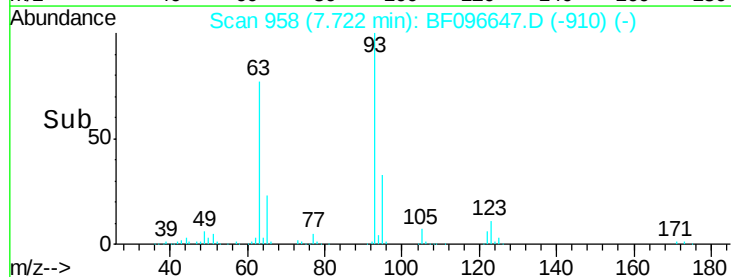
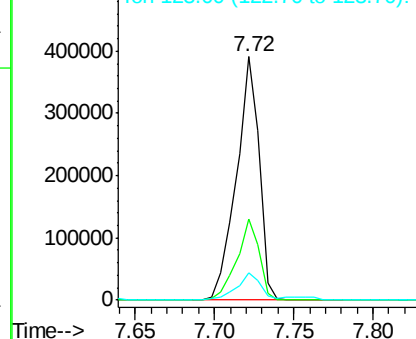


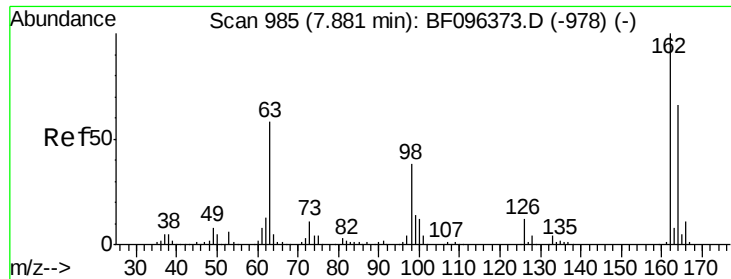
#28
bis(2-Chloroethoxy)methane
Concen: 40.937 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	389673		
95	33.2	26.5	39.7	
123	11.1	9.0	13.4	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





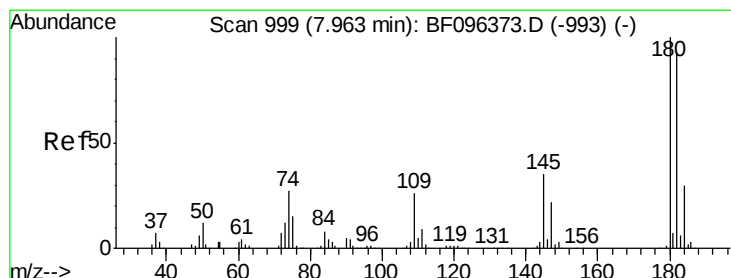
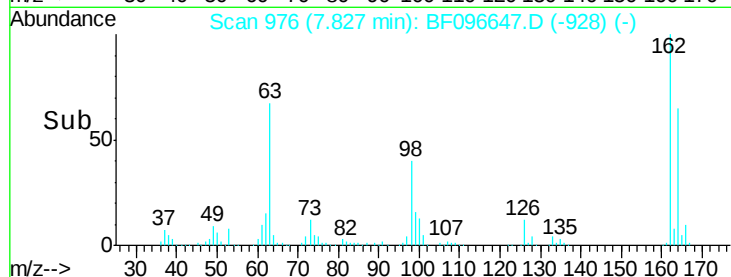
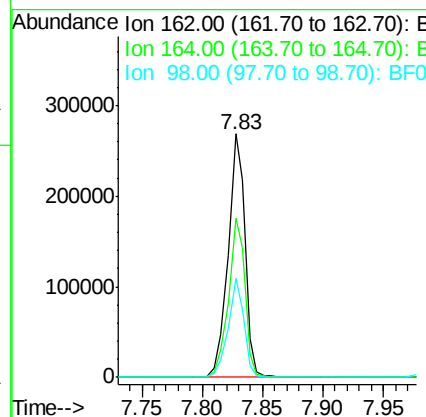
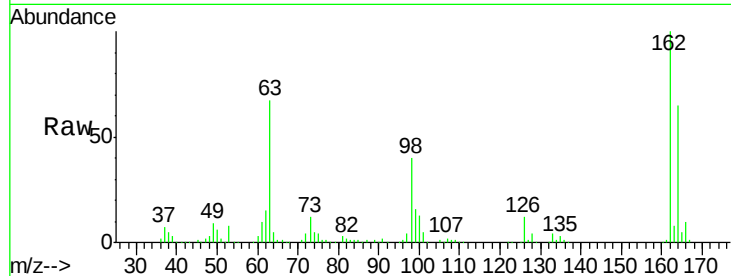
#29
2,4-Dichlorophenol
Concen: 42.837 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	259875		
164	65.3	44.6	84.6	
98	40.4	14.8	54.8	

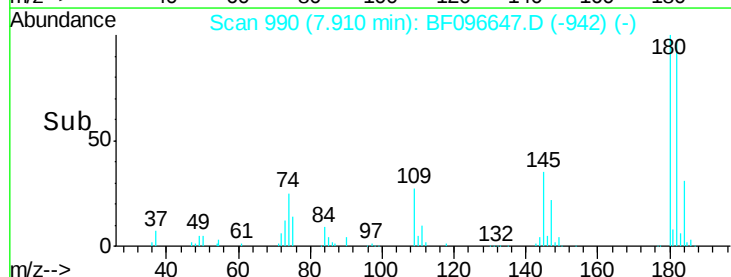
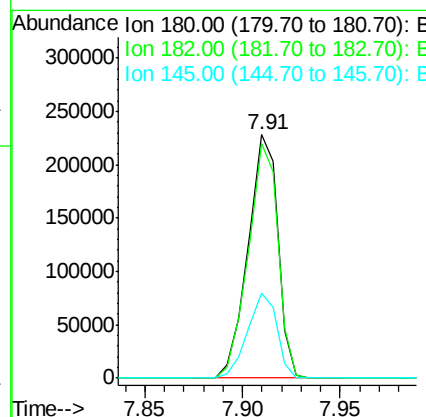
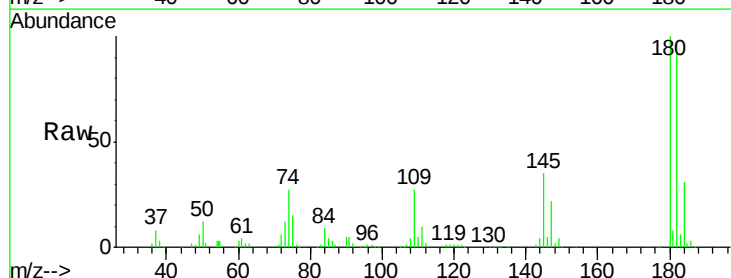
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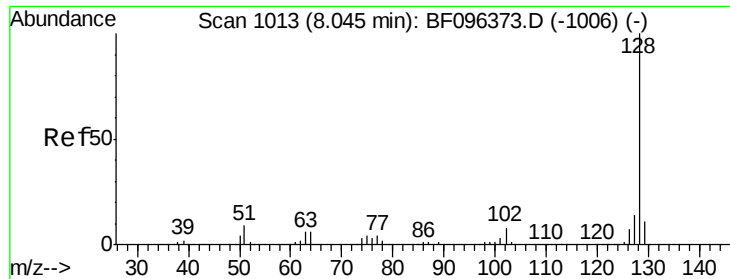
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#30
1,2,4-Trichlorobenzene
Concen: 42.283 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	241973		
182	96.5	75.8	113.6	
145	34.8	25.3	37.9	





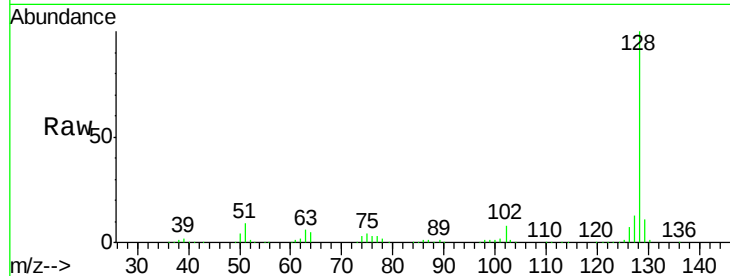
#31
Naphthalene
Concen: 42.111 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

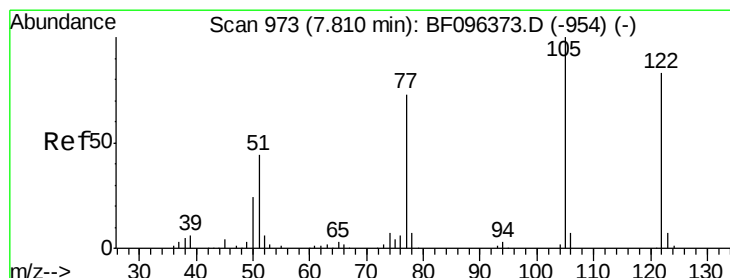
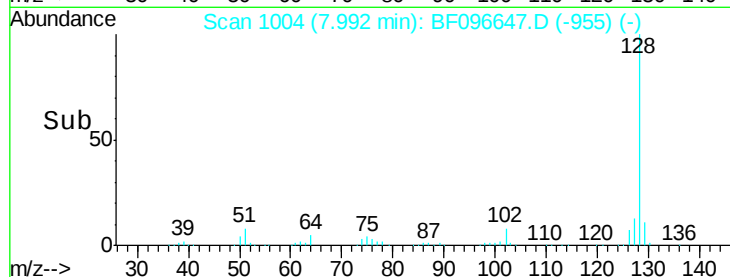
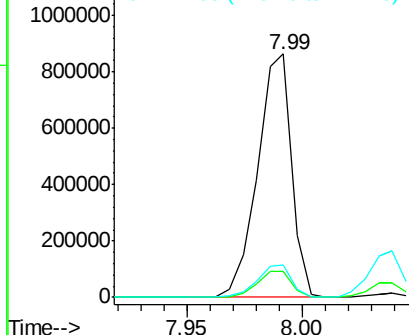
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	888444		
129	10.9	9.0	13.6	
127	13.1	10.8	16.2	

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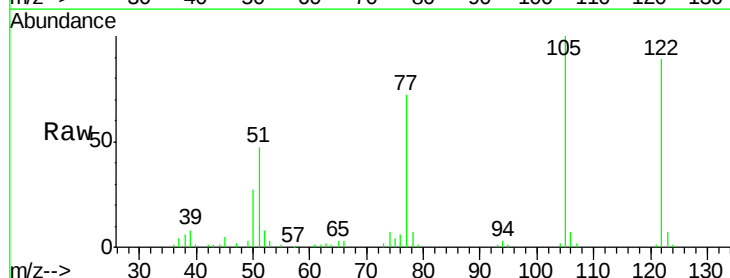


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

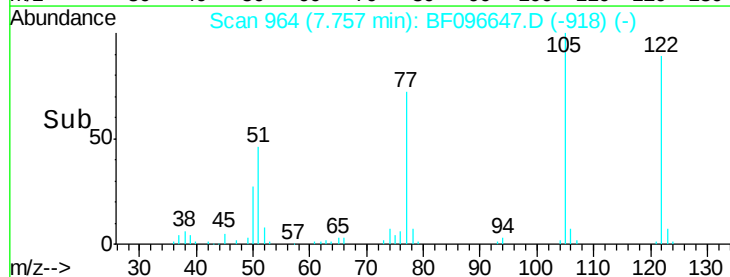
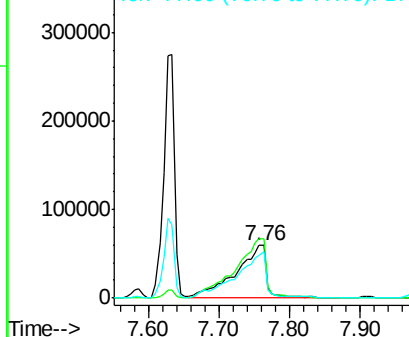


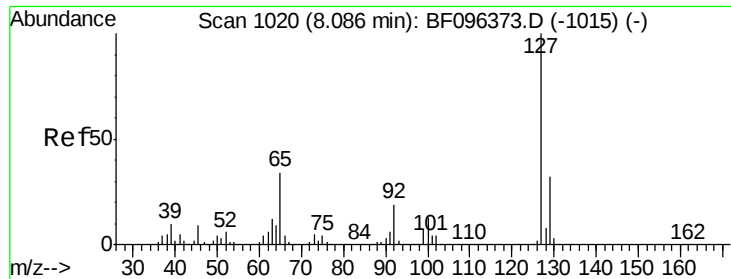
#32
Benzoic acid
Concen: 30.199 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	178335		
105	112.1	103.3	143.3	
77	81.3	73.7	113.7	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





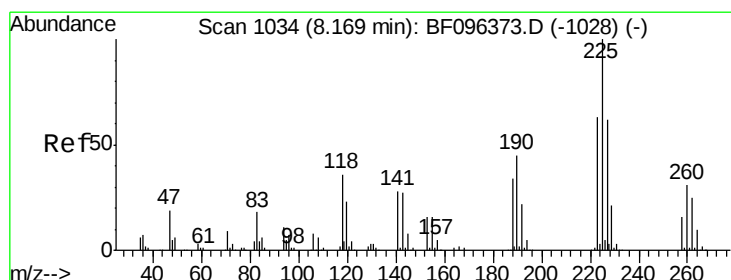
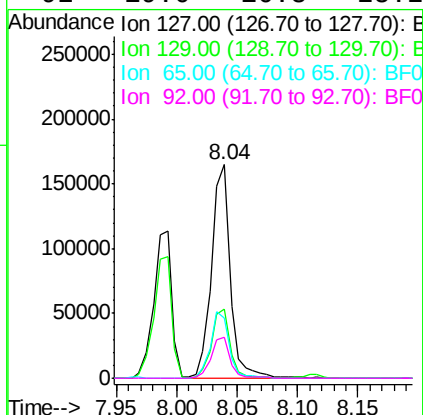
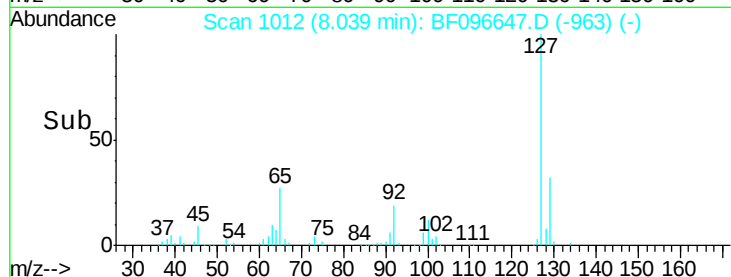
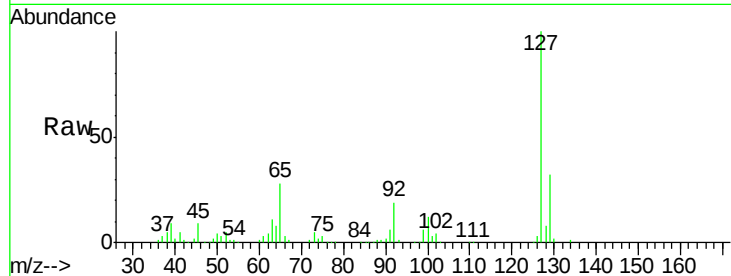
#33
4-Chloroaniline
Concen: 20.163 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	176691		
129	32.4	26.2	39.2	
65	28.4	27.8	41.8	
92	19.0	16.8	25.2	

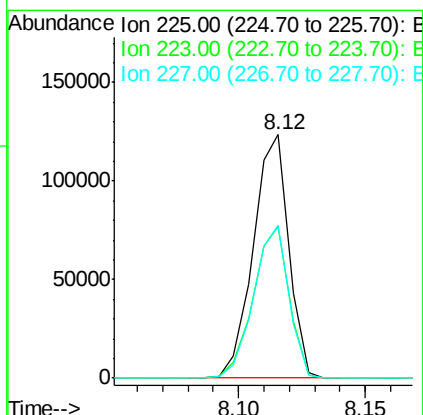
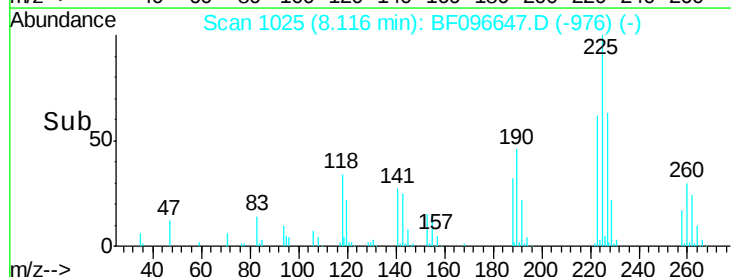
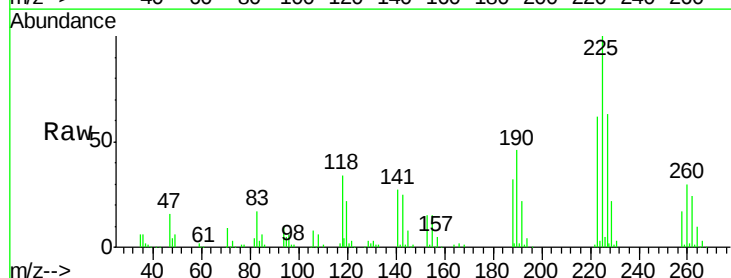
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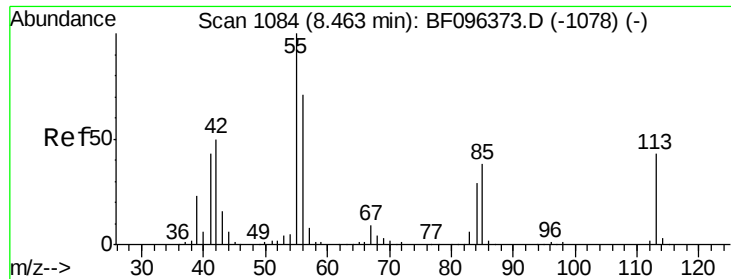
mohammad
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#34
Hexachlorobutadiene
Concen: 40.908 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	120072		
223	62.4	48.8	73.2	
227	62.7	51.1	76.7	





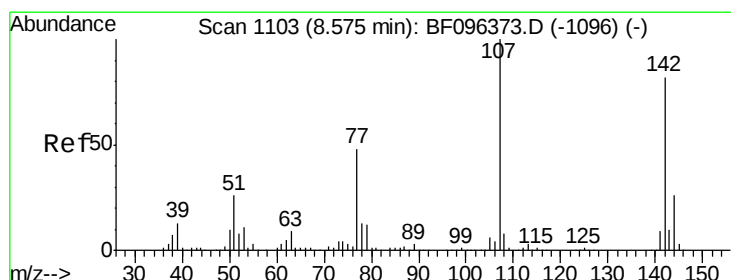
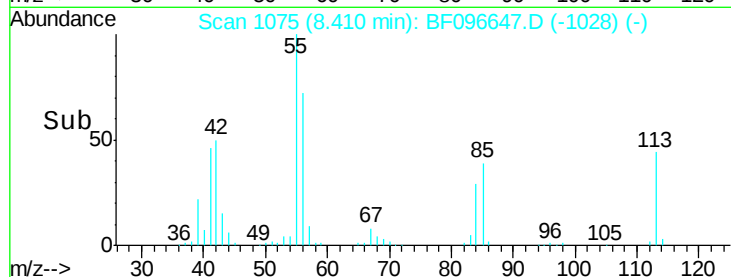
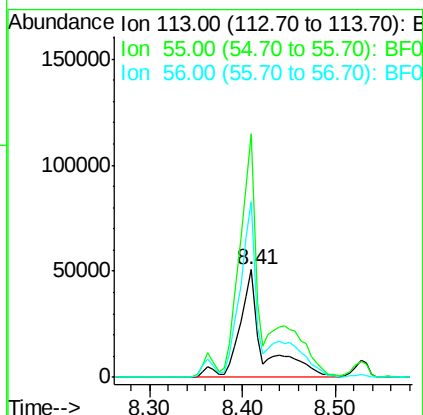
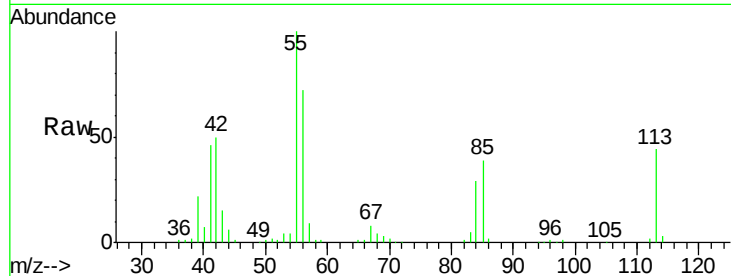
#35
 Caprolactam
 Concen: 43.359 ng m
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tgt Ion:113 Resp: 90705
 Ion Ratio Lower Upper
 113 100
 55 225.9 150.2 190.2#
 56 162.8 107.8 147.8#

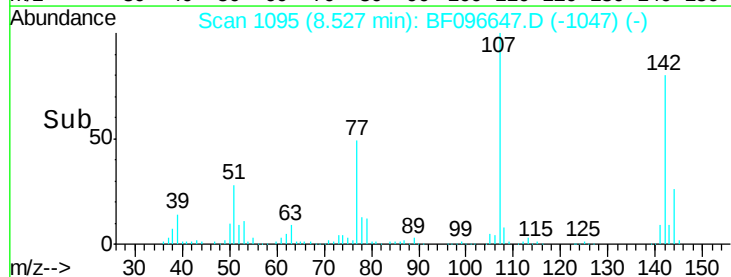
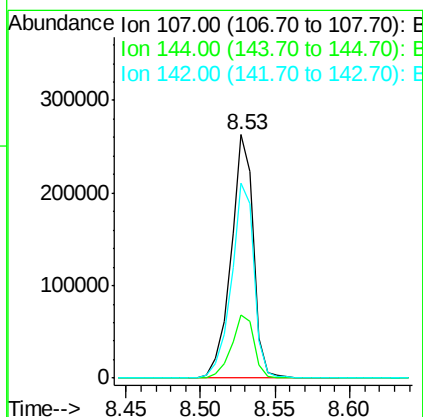
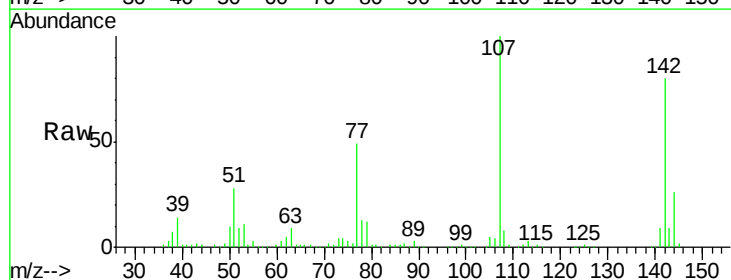
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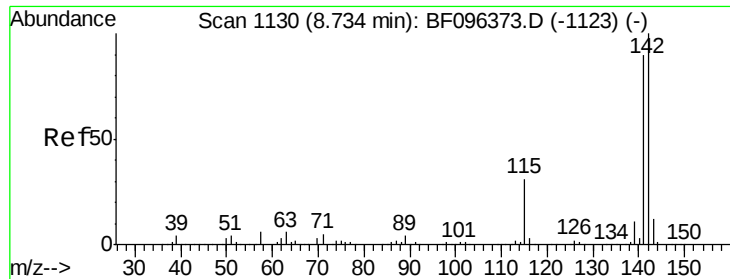
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 41.370 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion:107 Resp: 277708
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 80.1 73.4 110.0





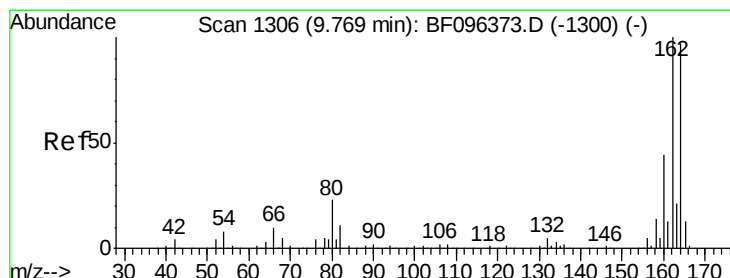
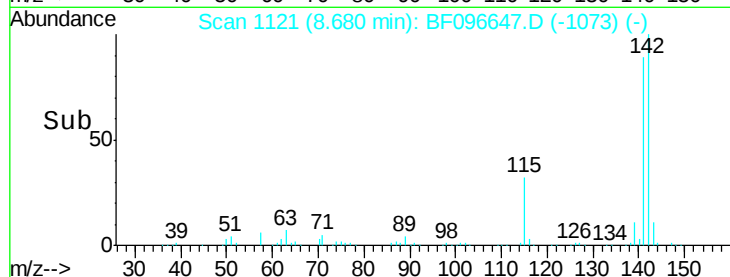
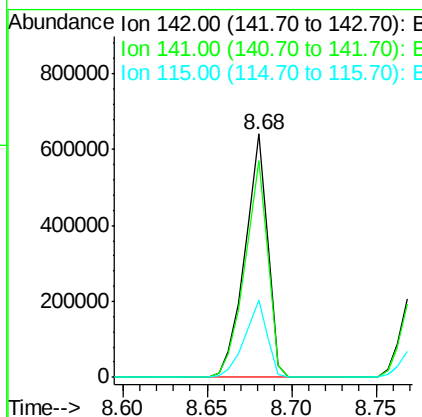
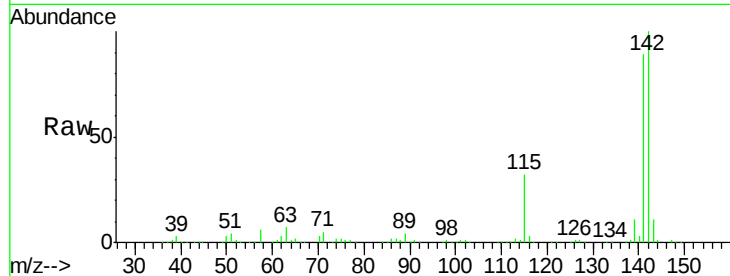
#37
 2-Methylnaphthalene
 Concen: 45.400 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	609717		
141	89.2	71.3	106.9	
115	31.6	27.1	40.7	

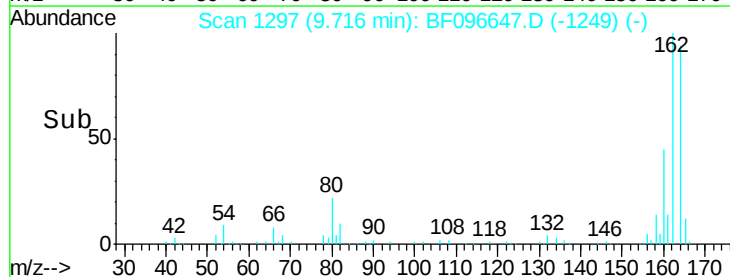
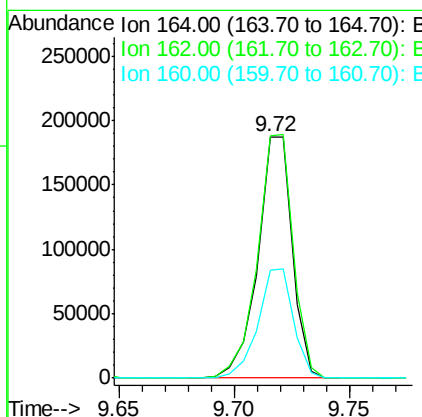
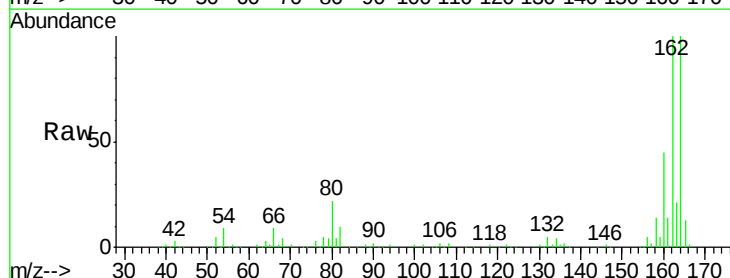
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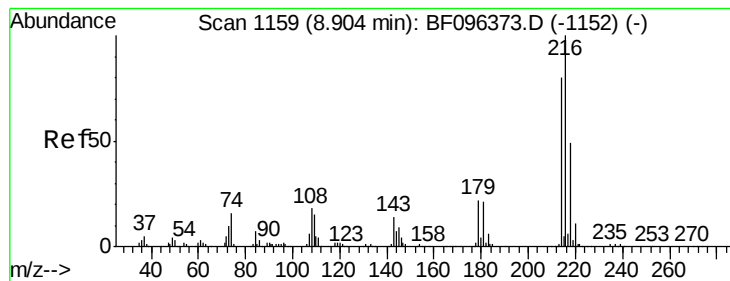
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	194932		
162	100.4	82.6	123.8	
160	44.7	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.508 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

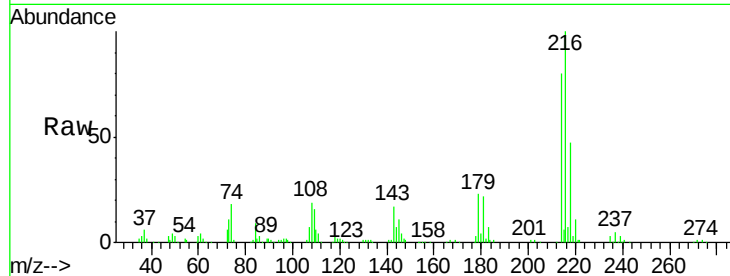
ClientSampleId :

PB100554BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	80.9	63.4	95.2
179	22.8	17.9	26.9
108	23.0	16.5	24.7

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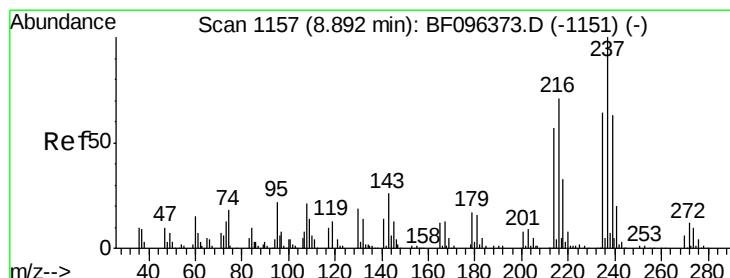
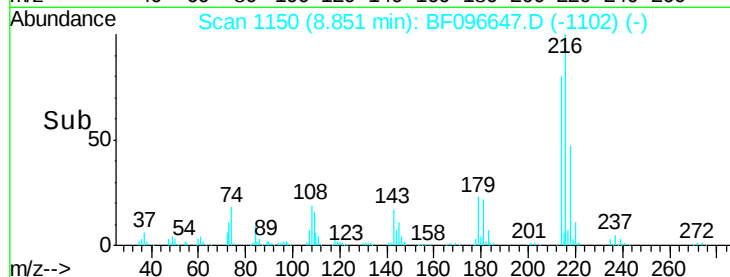
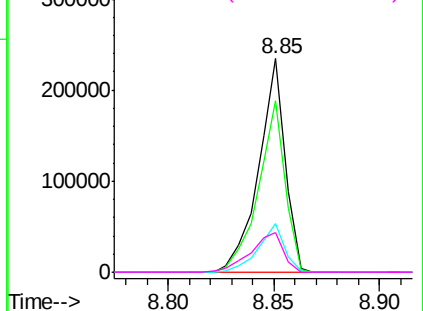


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.543 ng

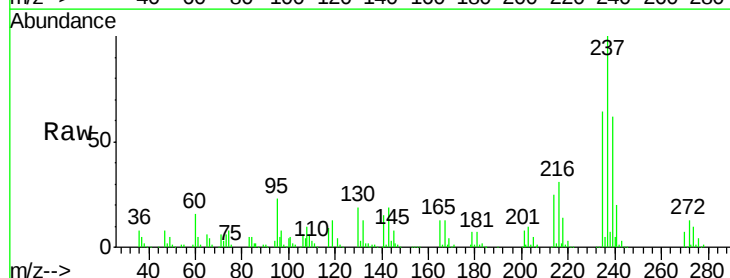
RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

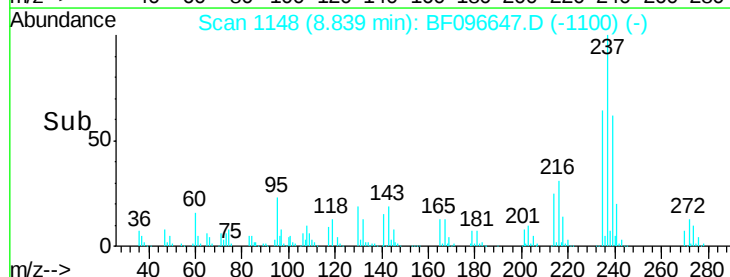
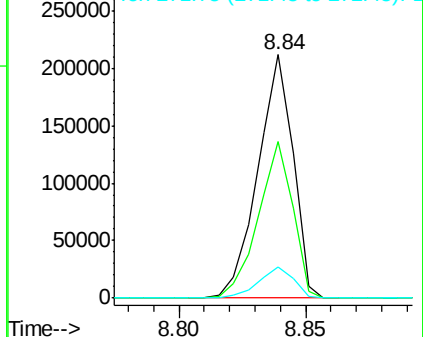
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.1	42.6	82.6
272	12.7	0.0	31.9

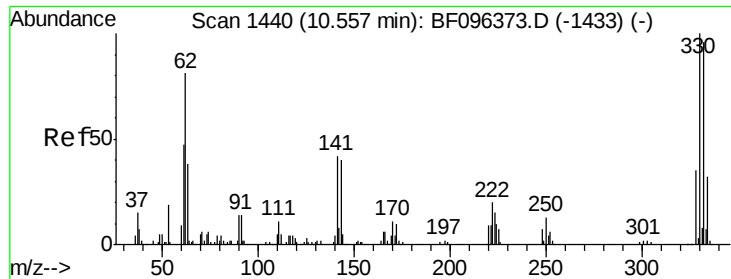


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





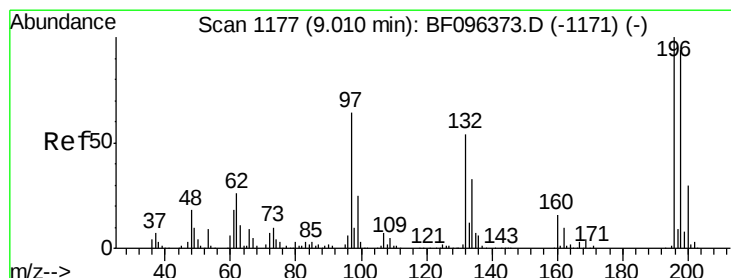
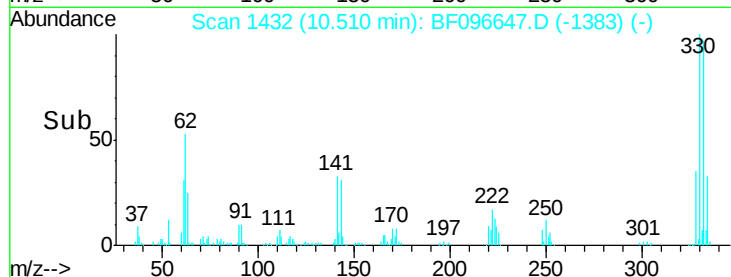
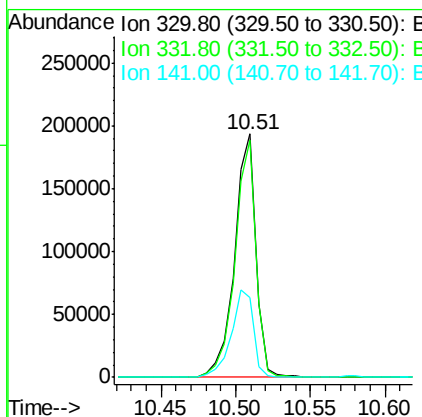
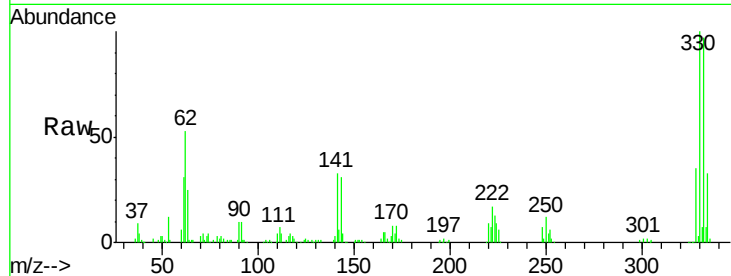
#41
 2,4,6-Tribromophenol
 Concen: 127.474 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	194100		
332	96.1	76.6	115.0	
141	37.9	31.4	47.2	

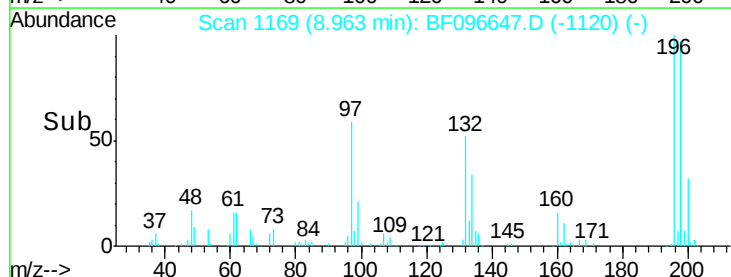
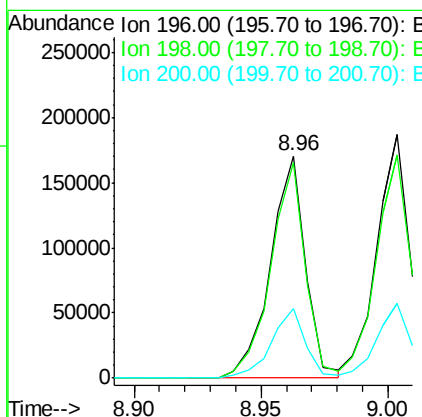
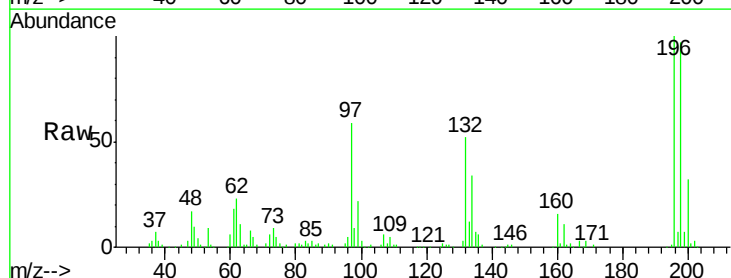
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#42
 2,4,6-Trichlorophenol
 Concen: 41.244 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	165143		
198	96.9	74.2	111.4	
200	31.5	24.0	36.0	





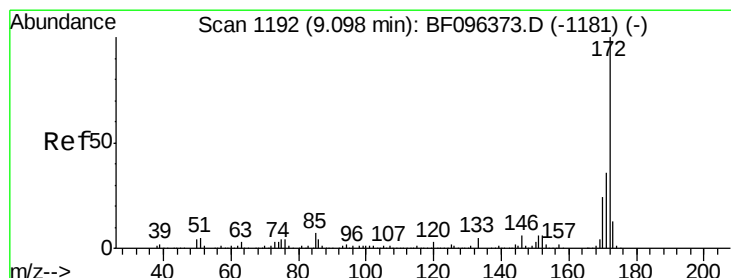
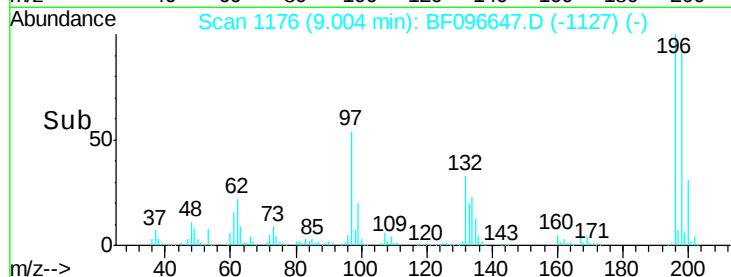
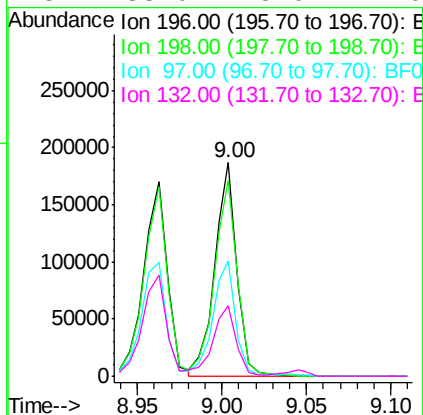
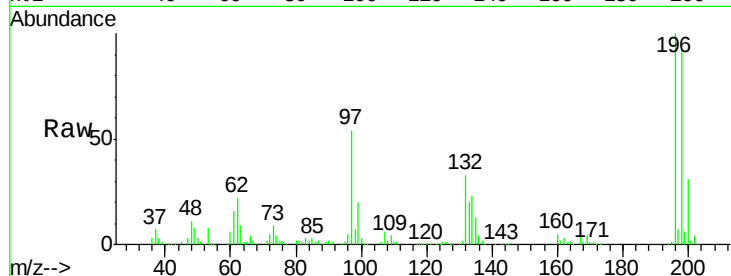
#43
 2,4,5-Trichlorophenol
 Concen: 43.280 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171342		
198	91.5	75.7	113.5	
97	54.0	47.7	71.5	
132	33.0	28.0	42.0	

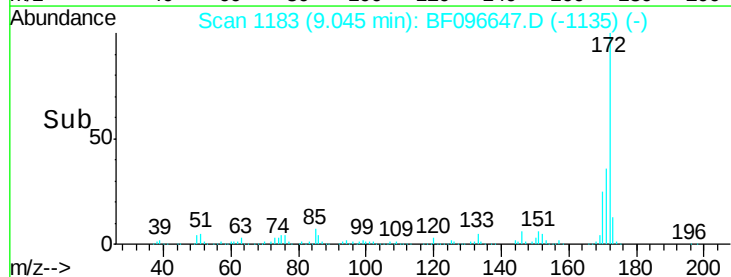
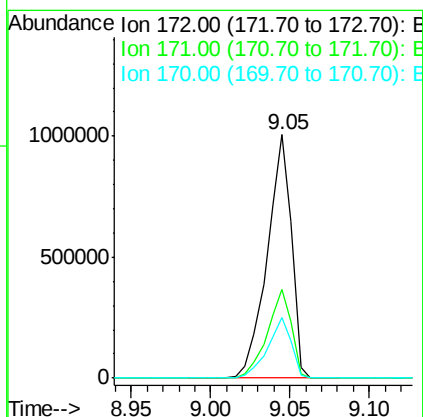
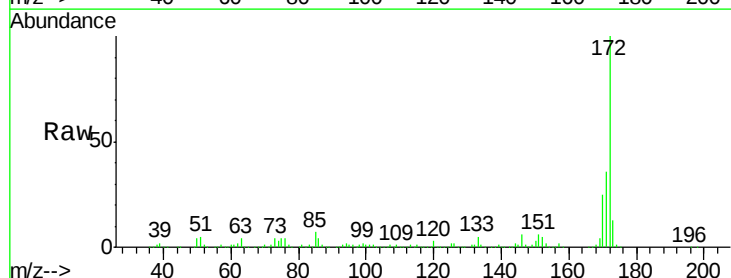
Manual Integrations
 APPROVED

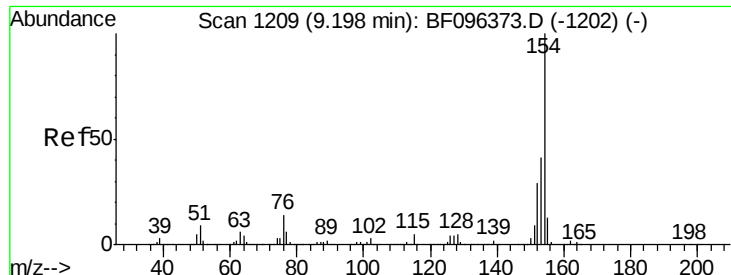
mohammad
 7/12/2017 4:49:49 PM



#44
 2-Fluorobiphenyl
 Concen: 94.218 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1074186		
171	36.4	29.6	44.4	
170	24.7	19.8	29.8	





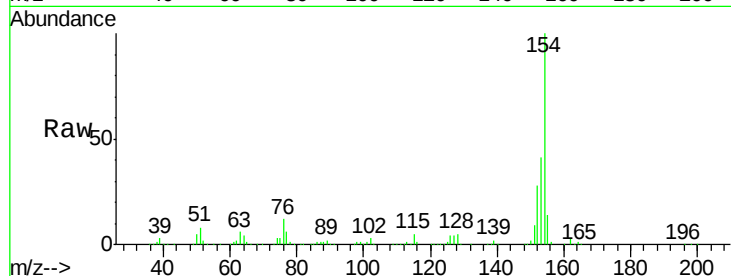
#45
 1,1'-Biphenyl
 Concen: 40.060 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

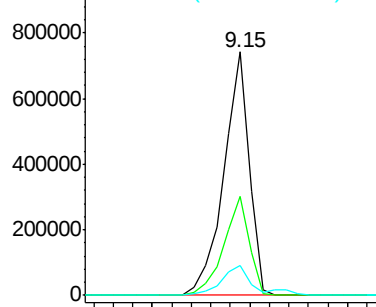
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.8	21.2	61.2
76	12.3	0.0	29.9

Manual Integrations
 APPROVED

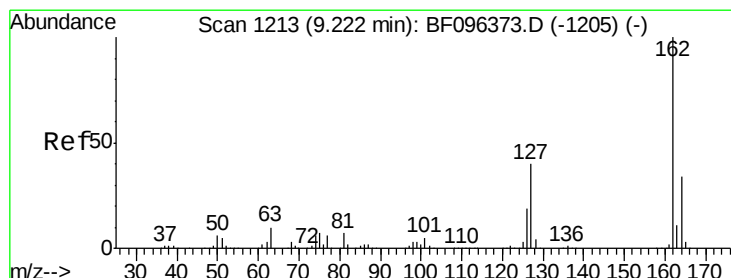
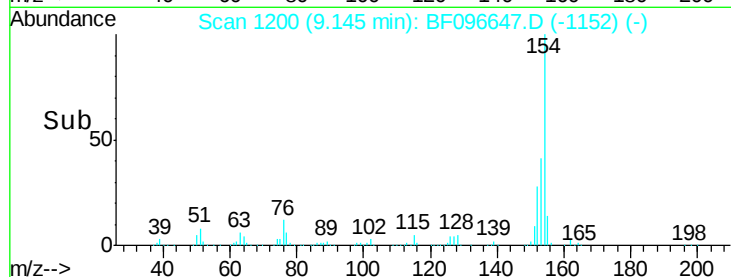
mohammad
 7/12/2017 4:49:49 PM



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

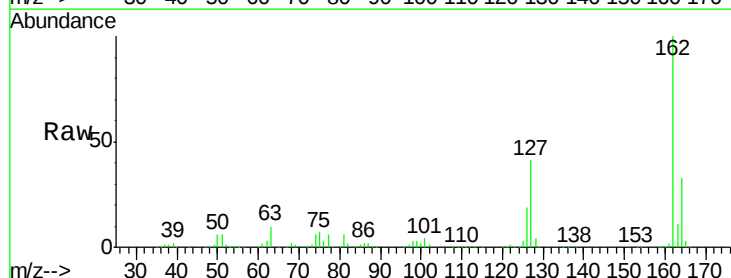


Time-->

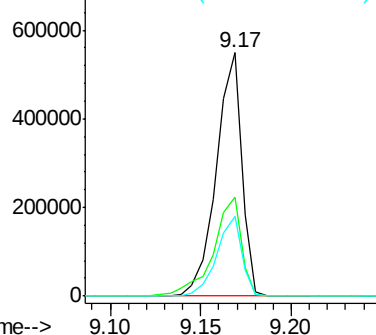


#46
 2-Chloronaphthalene
 Concen: 42.957 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

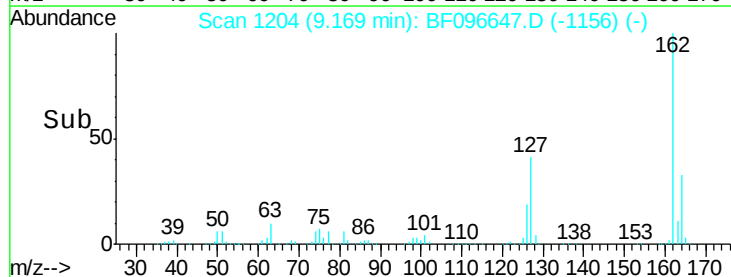
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.8	28.3	42.5
164	32.7	27.0	40.4

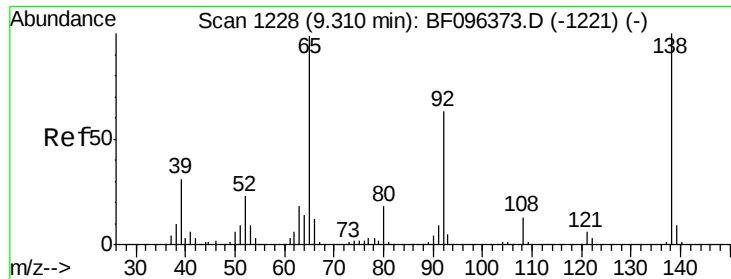


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->





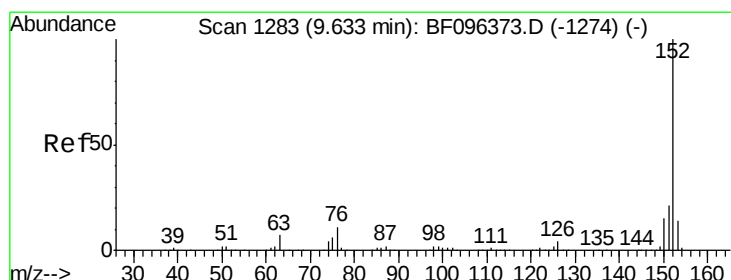
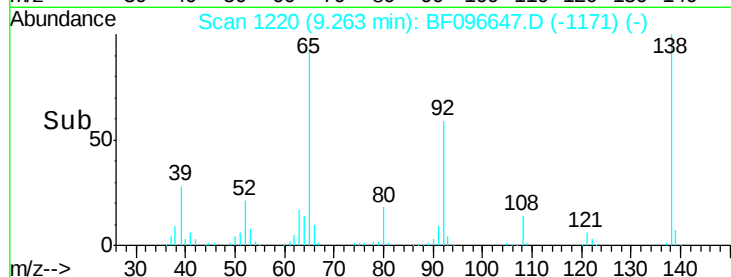
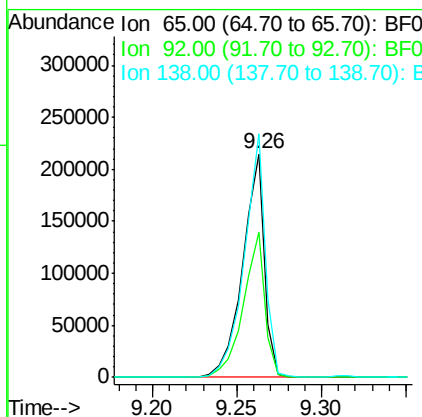
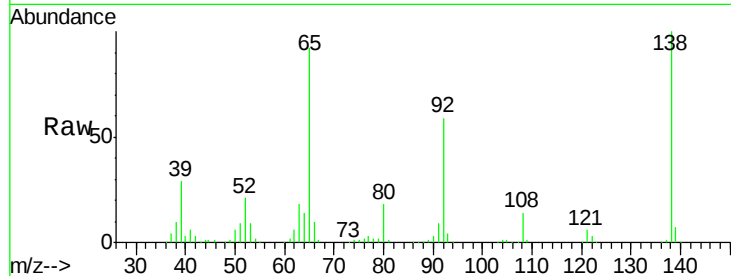
#47
2-Nitroaniline
Concen: 42.573 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.9	80.9
138	108.9	78.8	118.2

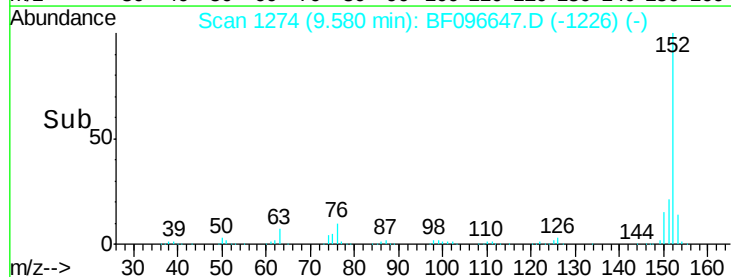
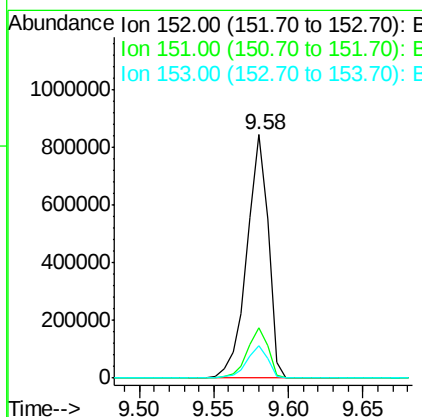
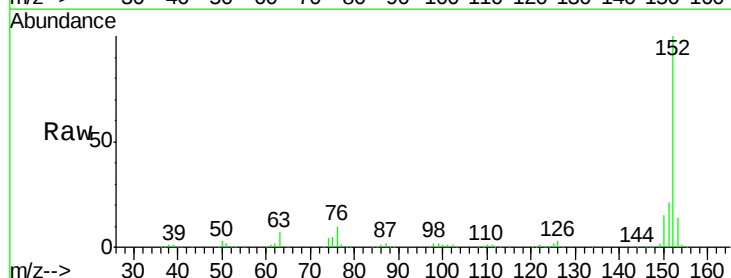
Manual Integrations
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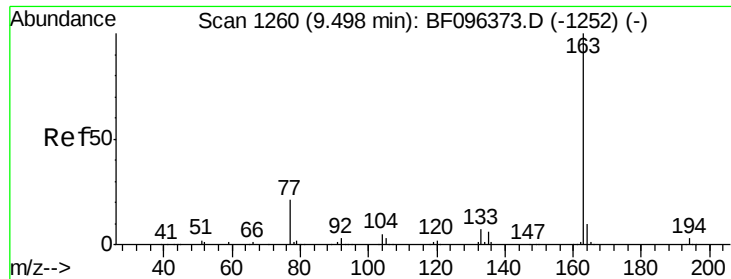
mohammad
7/12/2017 4:49:49 PM



#48
Acenaphthylene
Concen: 42.176 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.6	10.8	16.2





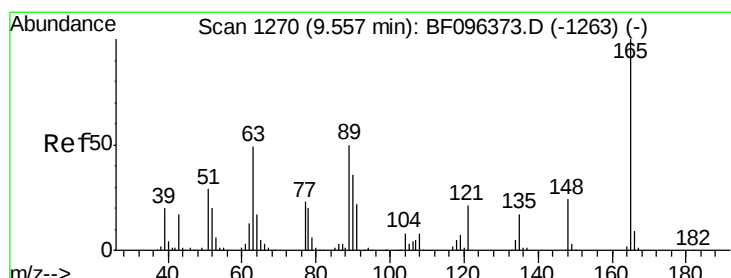
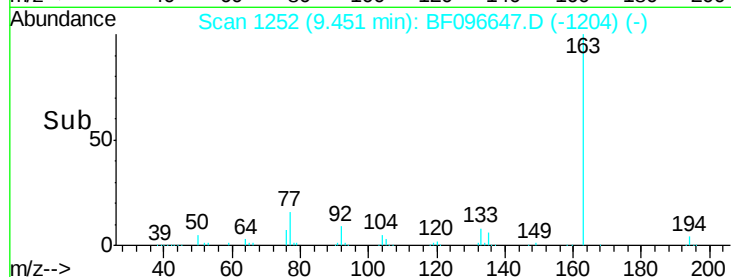
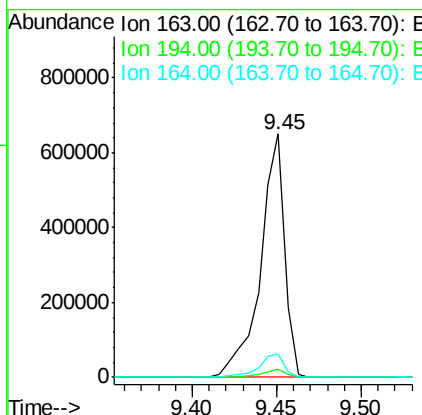
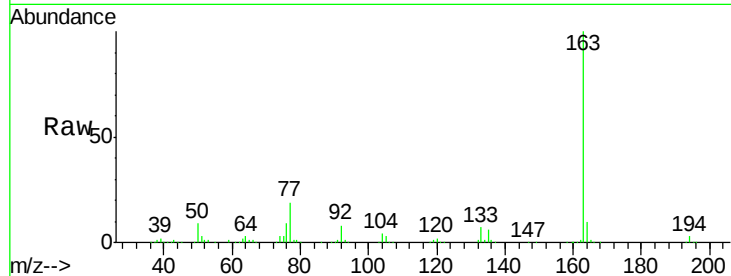
#49
Dimethylphthalate
Concen: 44.127 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6

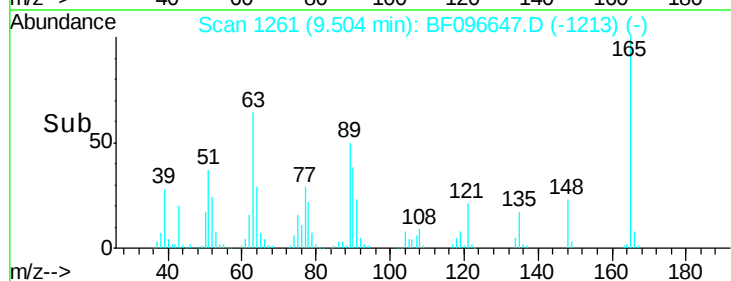
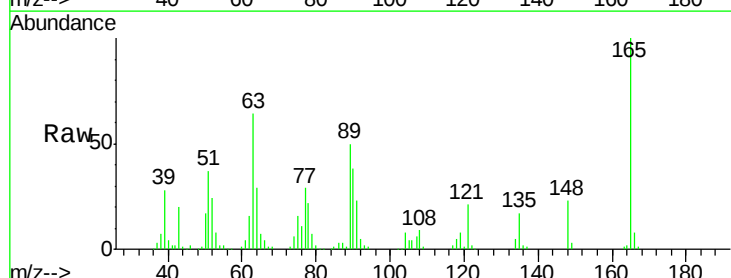
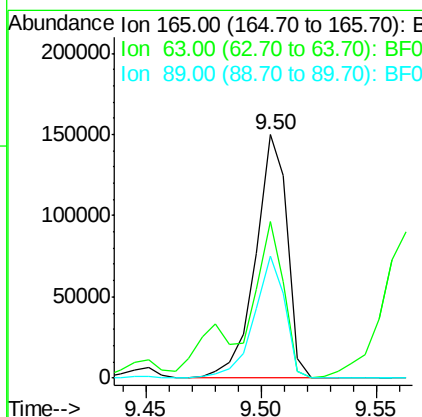
Manual Integrations
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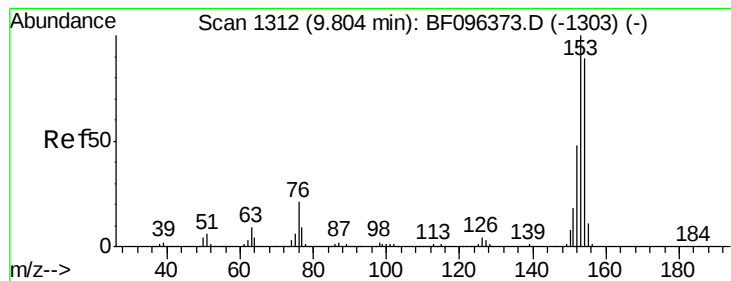
mohammad
7/12/2017 4:49:49 PM



#50
2,6-Dinitrotoluene
Concen: 44.446 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	64.4	34.3	51.5#
89	50.3	37.1	55.7





#51

Acenaphthene

Concen: 39.806 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

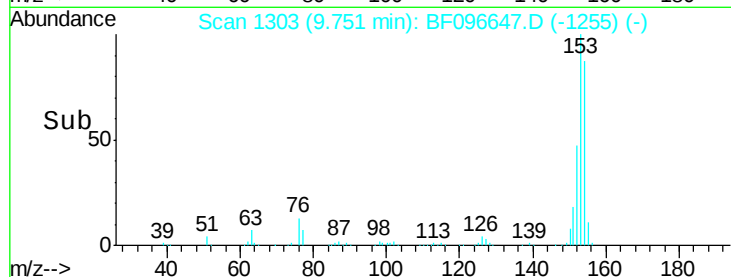
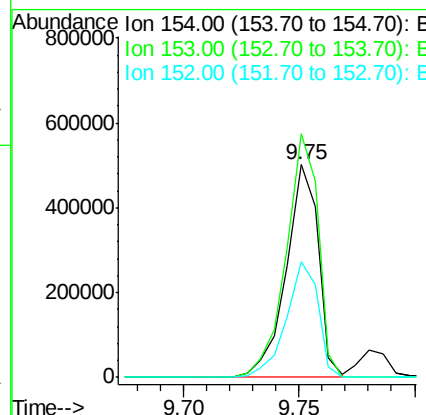
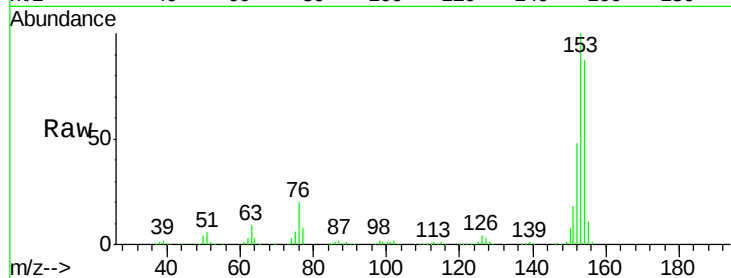
ClientSampleId :

PB100554BS

Tgt Ion:	154	Resp:	483939
Ion Ratio	Lower	Upper	
154	100		
153	114.4	90.5	135.7
152	54.5	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 25.584 ng

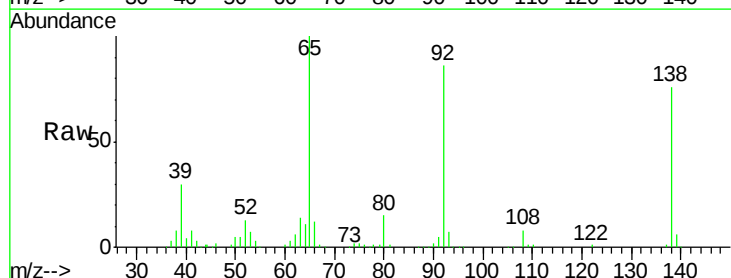
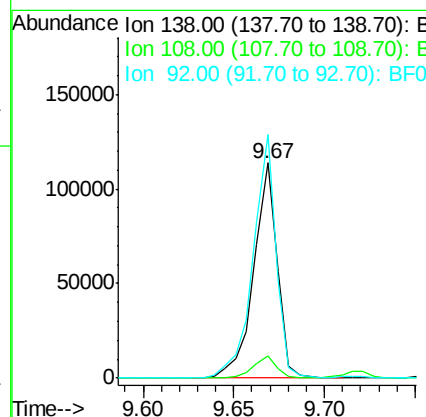
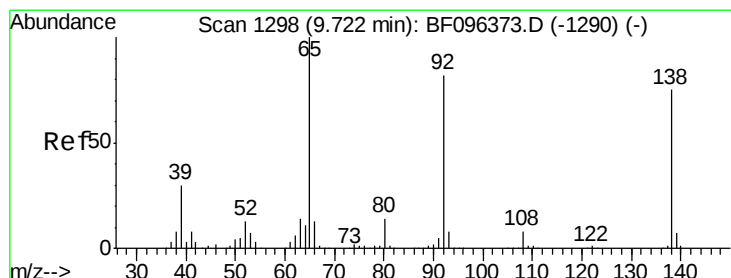
RT: 9.67 min Scan# 1289

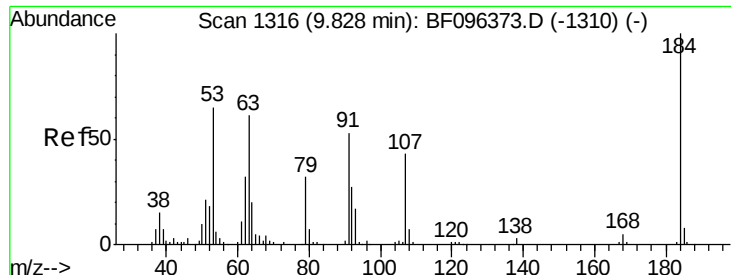
Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion:	138	Resp:	102685
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.1	13.7
92	113.1	93.8	140.6





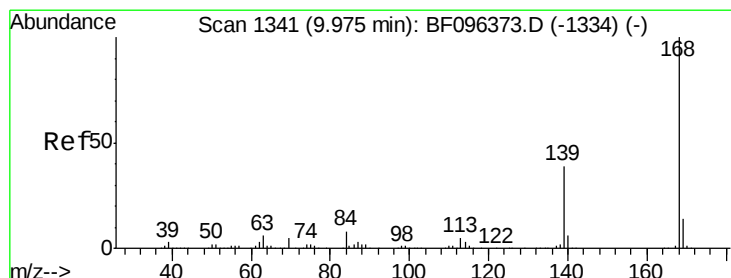
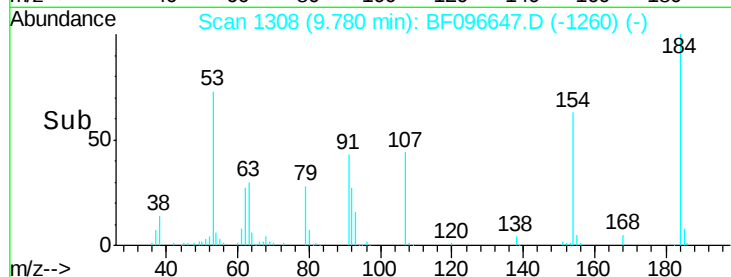
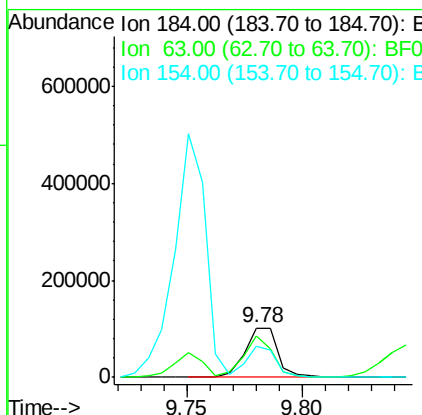
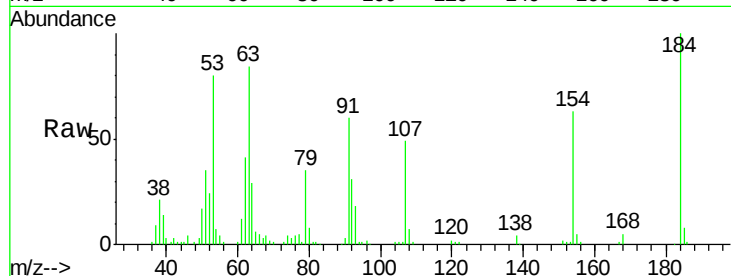
#53
2,4-Dinitrophenol
Concen: 60.127 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion:184 Resp: 102766
Ion Ratio Lower Upper
184 100
63 83.8 62.7 94.1
154 62.8 81.1 121.7#

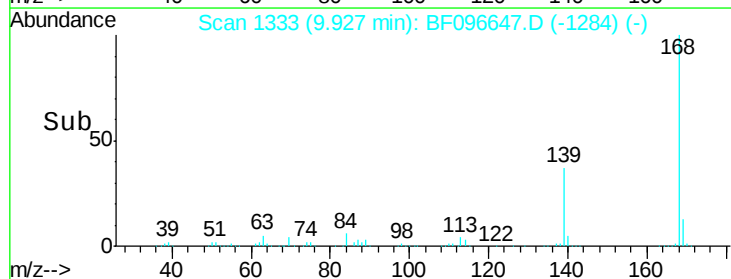
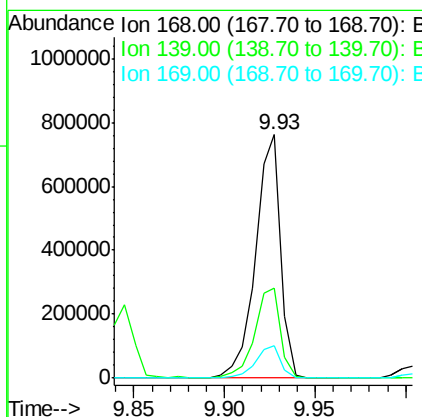
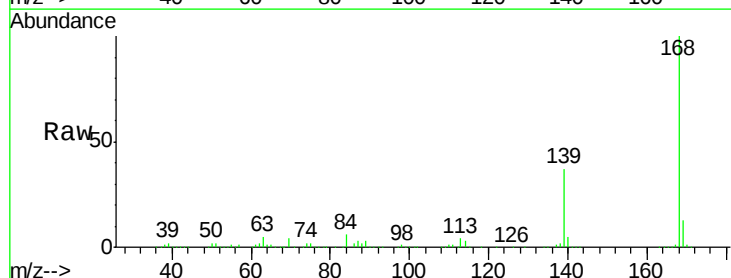
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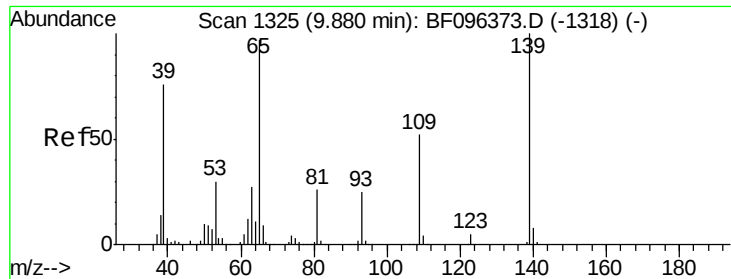
mohammad
7/12/2017 4:49:49 PM



#54
Dibenzofuran
Concen: 45.372 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion:168 Resp: 728267
Ion Ratio Lower Upper
168 100
139 37.0 30.6 45.8
169 13.3 10.8 16.2





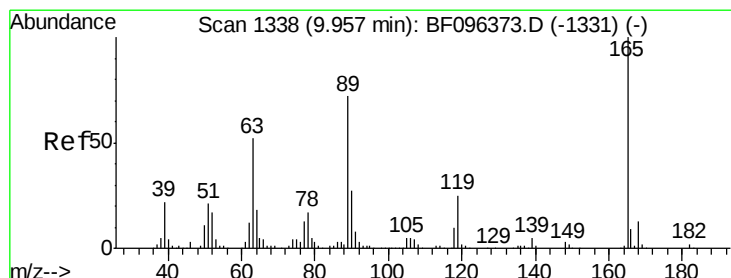
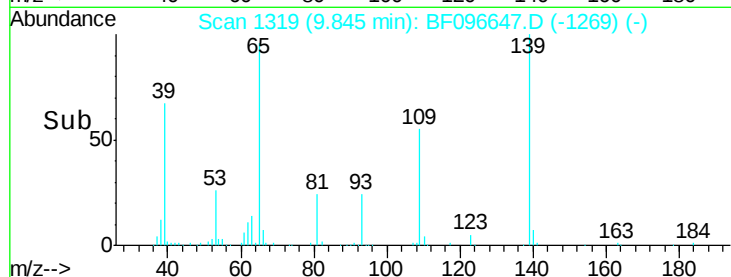
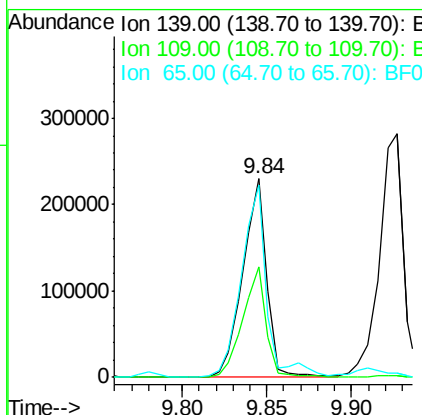
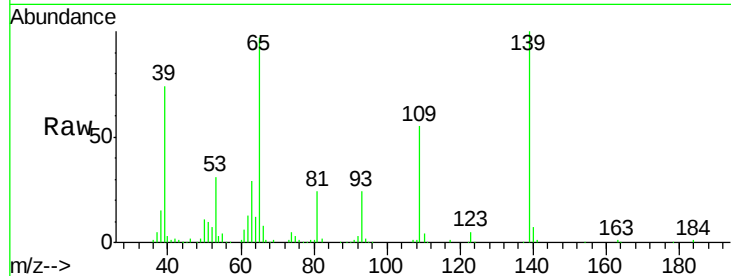
#55
4-Nitrophenol
Concen: 68.821 ng
RT: 9.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	228944		
109	55.3	34.1	74.1	
65	96.8	31.4	71.4	

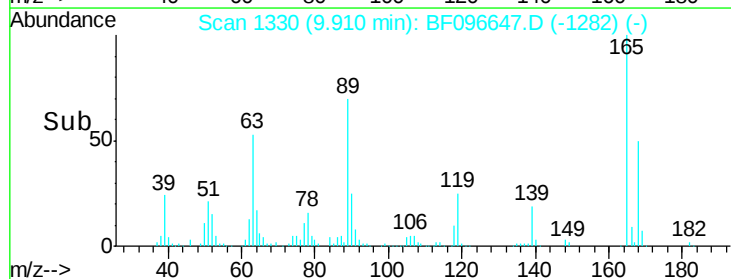
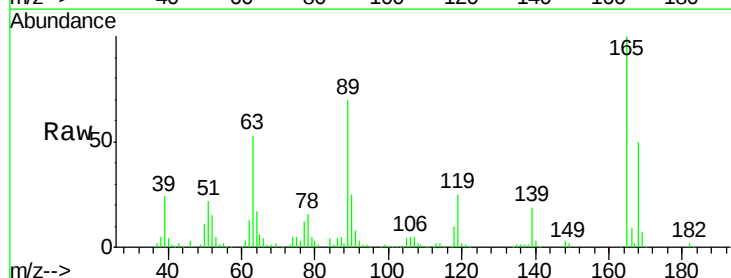
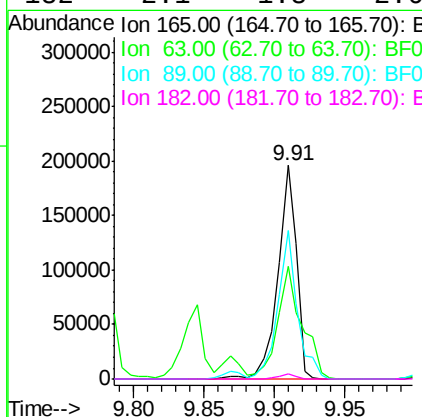
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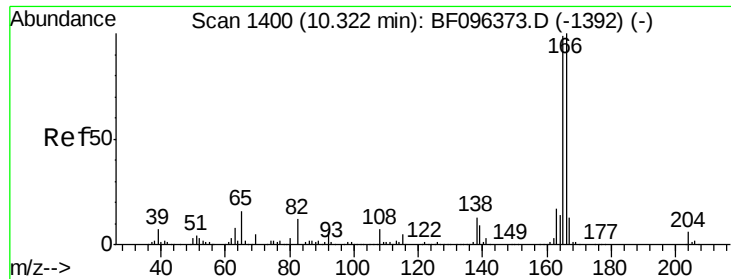
mohammad
7/12/2017 4:49:49 PM



#56
2,4-Dinitrotoluene
Concen: 44.083 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179643		
63	53.0	25.4	38.0	
89	69.6	46.4	69.6	
182	2.1	1.8	2.6	





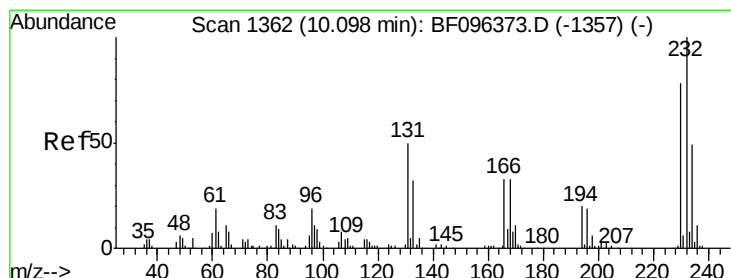
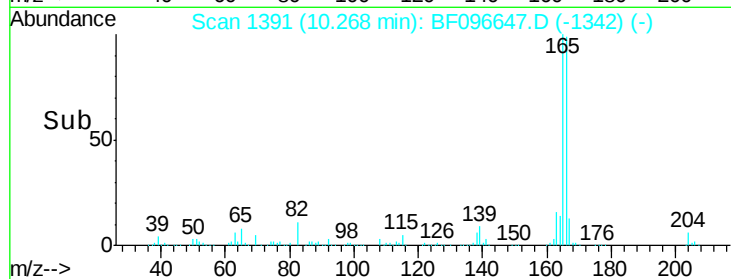
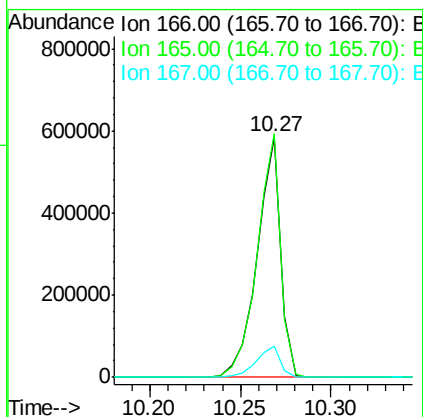
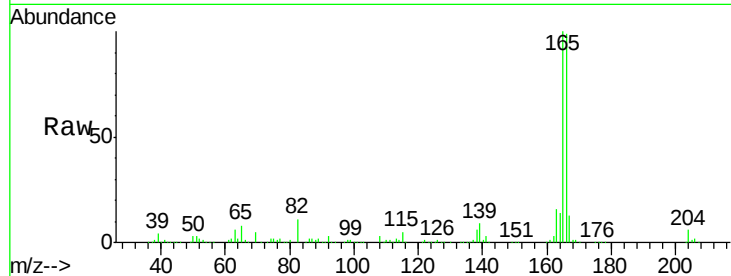
#57
 Fluorene
 Concen: 46.594 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.4	78.8	118.2	
167	13.2	10.6	16.0	

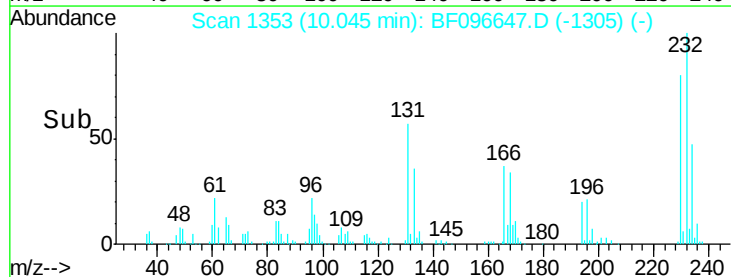
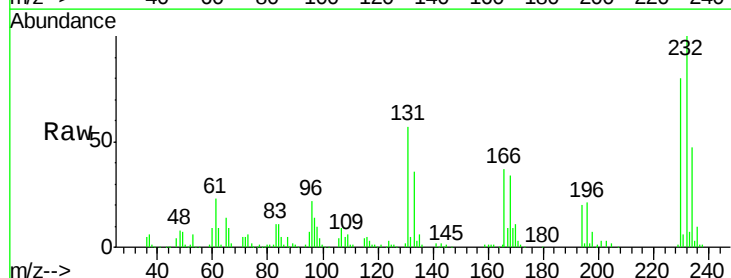
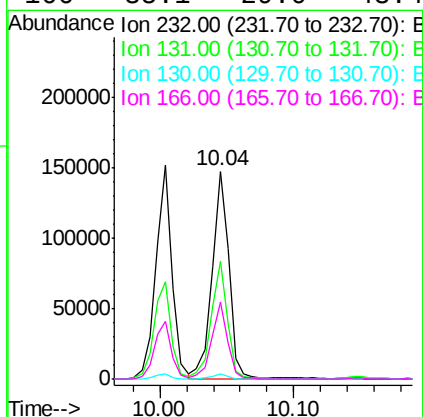
Manual Integrations
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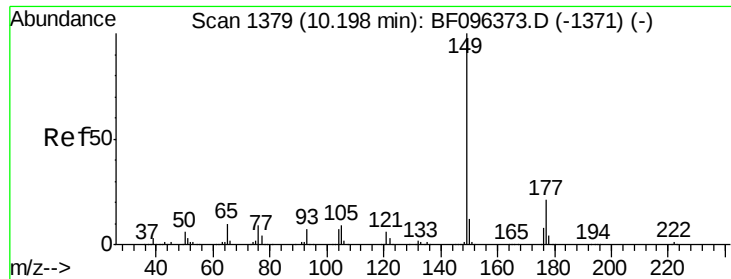
mohammad
 7/12/2017 4:49:49 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.913 ng
 RT: 10.04 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	55.1	44.8	67.2	
130	2.2	2.3	3.5#	
166	35.1	29.0	43.4	





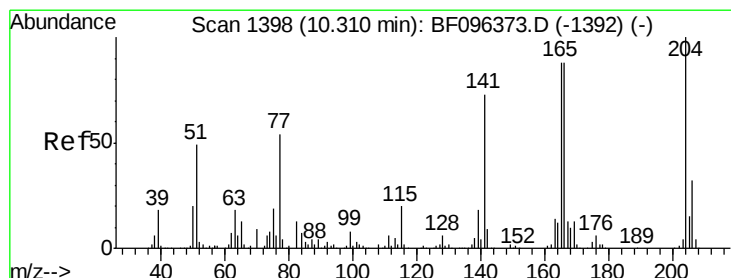
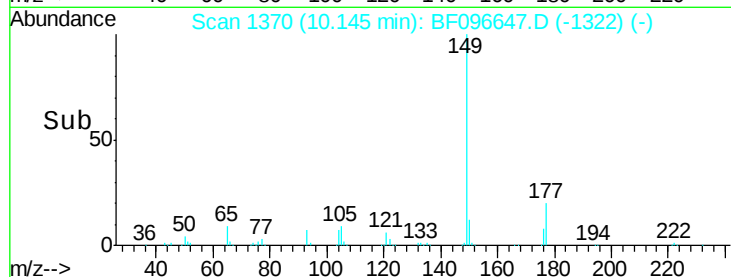
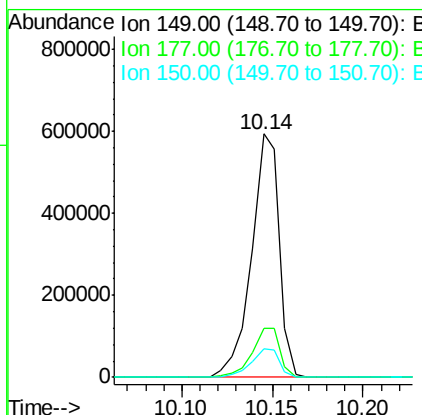
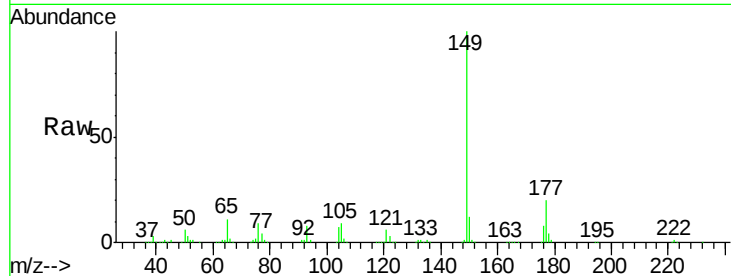
#59
Diethylphthalate
Concen: 45.687 ng
RT: 10.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	628397		
177	20.3	16.7	25.1	
150	11.9	10.2	15.2	

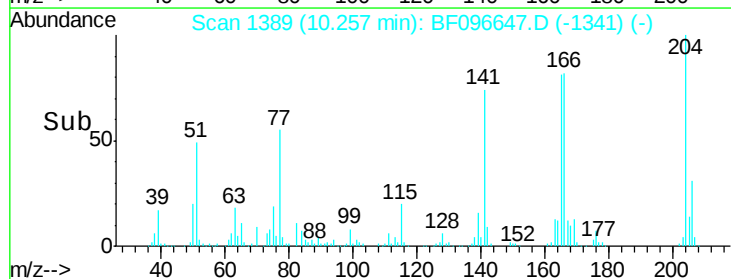
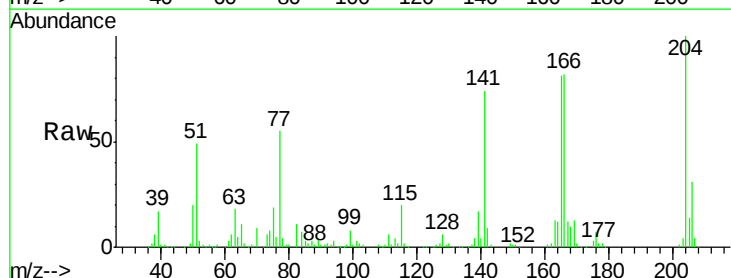
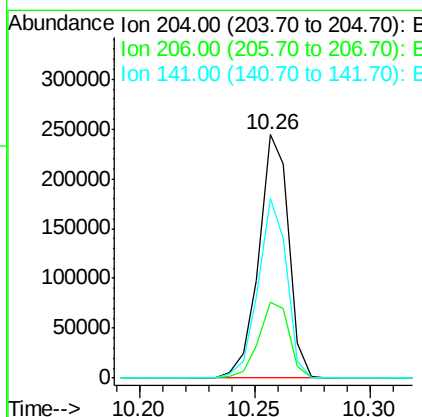
Manual Integrations
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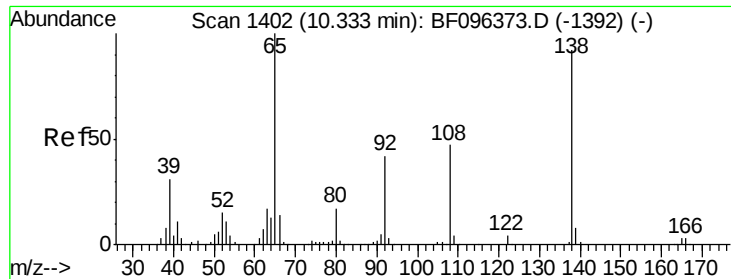
mohammad
7/12/2017 4:49:49 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.689 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	220420		
206	31.2	26.2	39.2	
141	73.8	60.8	91.2	





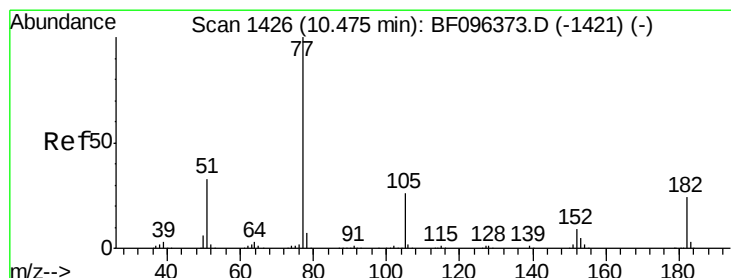
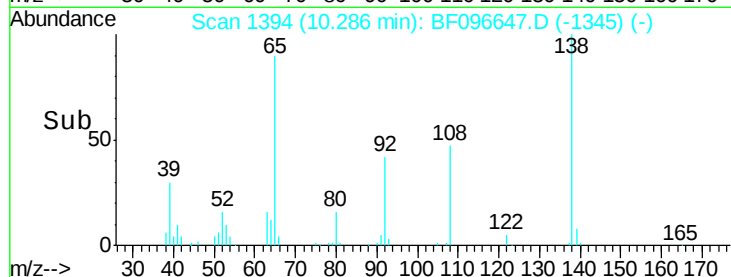
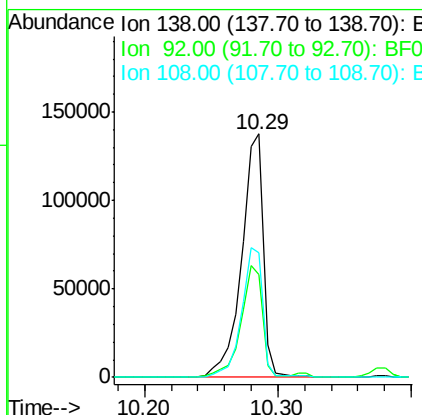
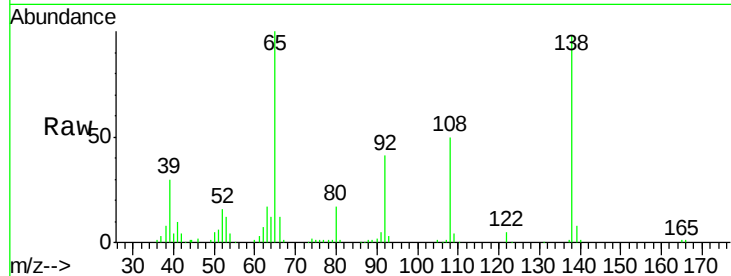
#61
4-Nitroaniline
Concen: 42.355 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	154574		
92	42.4	21.8	61.8	
108	51.1	42.3	82.3	

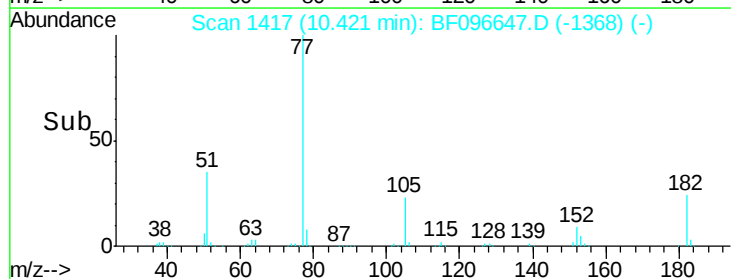
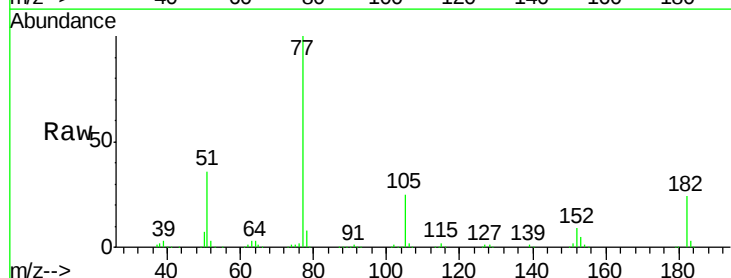
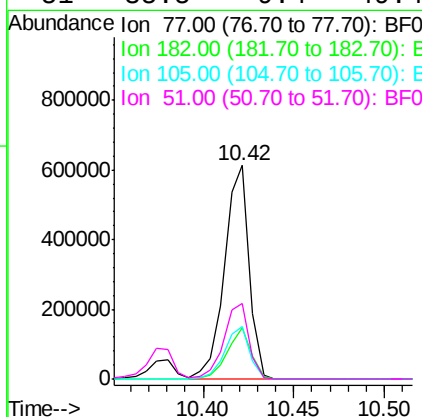
Manual Integrations
APPROVED

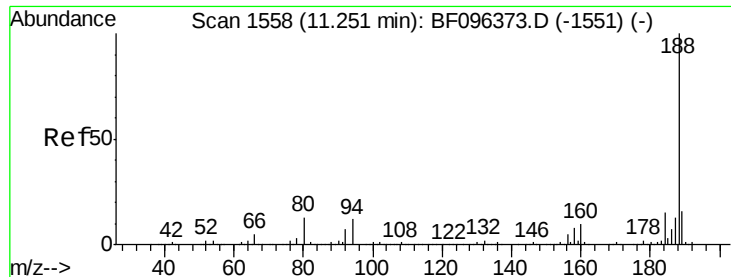
mohammad
7/12/2017 4:49:49 PM



#62
Azobenzene
Concen: 43.512 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	578710		
182	24.2	0.1	40.1	
105	24.9	3.6	43.6	
51	35.5	9.4	49.4	





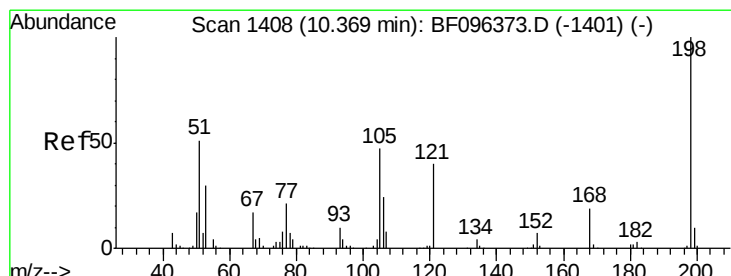
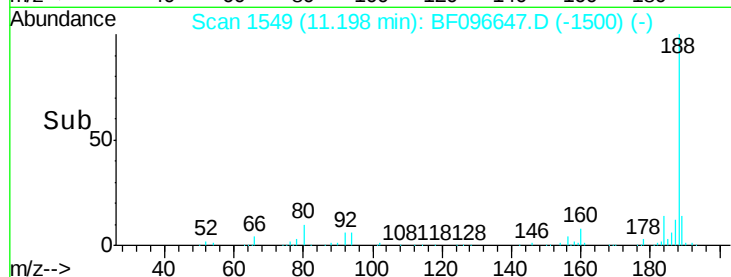
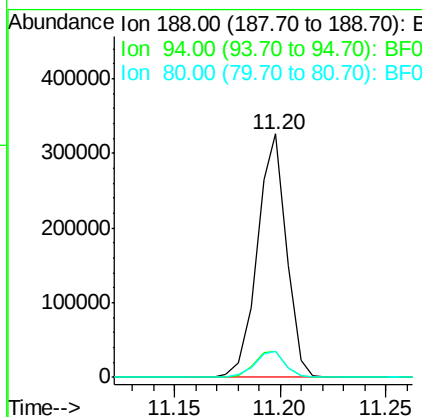
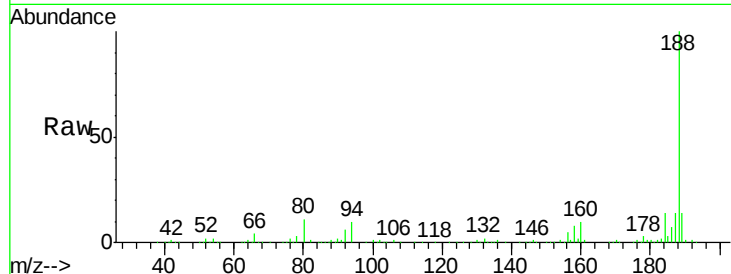
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	311698		
94	10.5	9.4	14.2	
80	10.5	10.2	15.2	

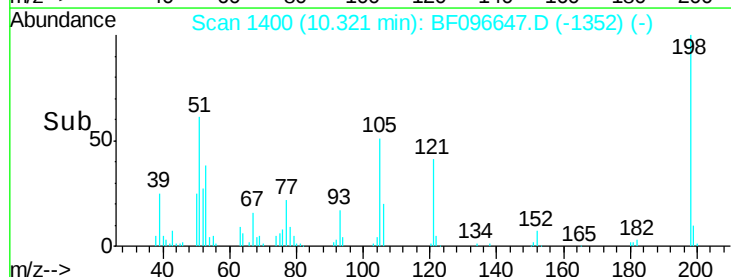
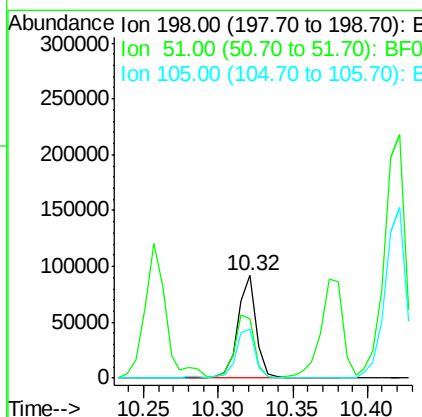
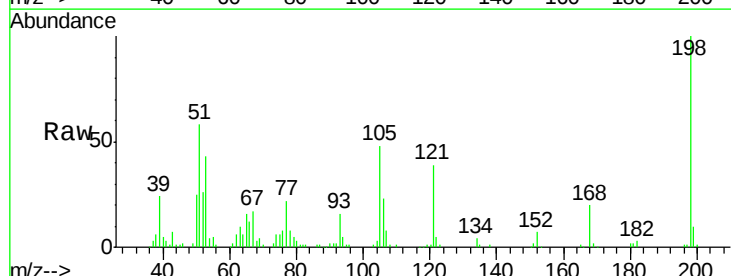
Manual Integrations
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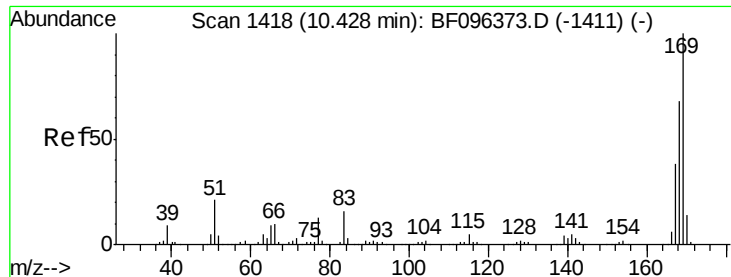
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.833 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	79178		
51	57.6	53.2	93.2	
105	47.6	45.8	85.8	





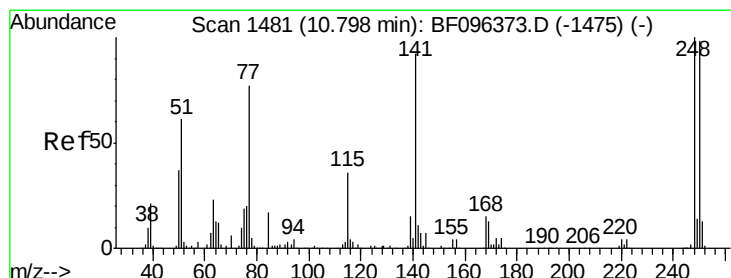
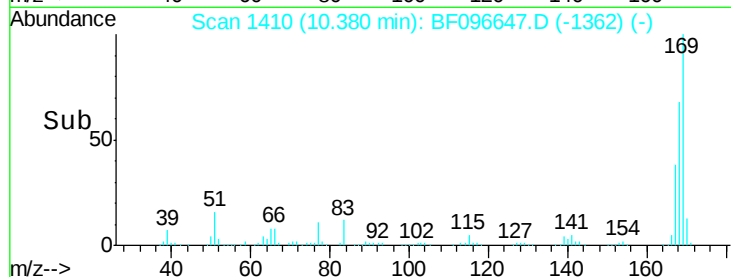
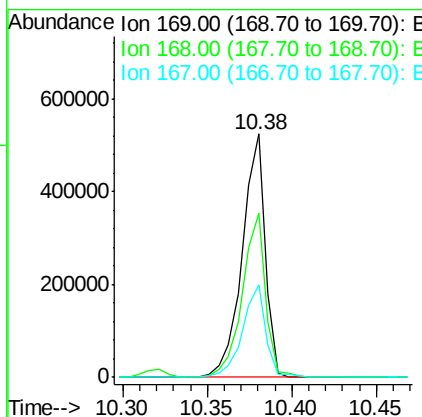
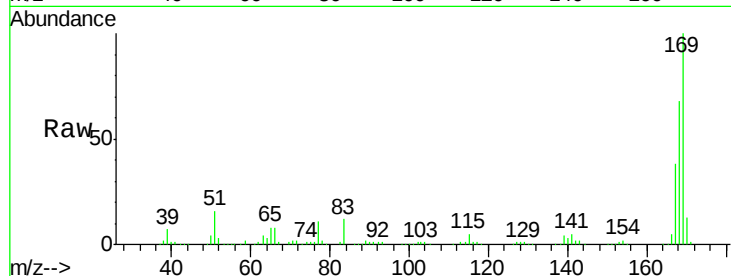
#65
n-Nitrosodiphenylamine
Concen: 45.611 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	498823		
168	67.6	53.2	79.8	
167	38.1	29.5	44.3	

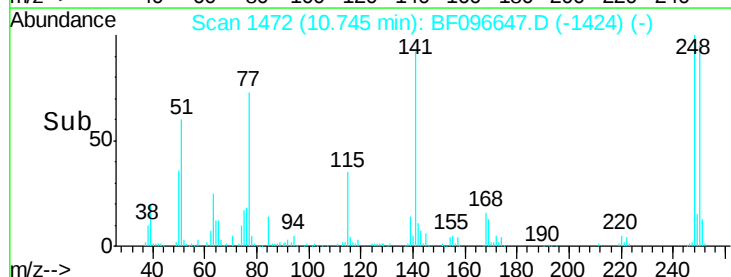
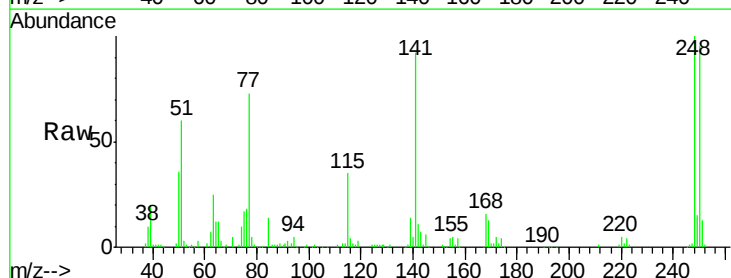
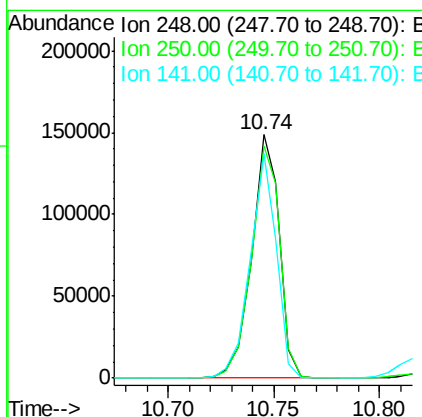
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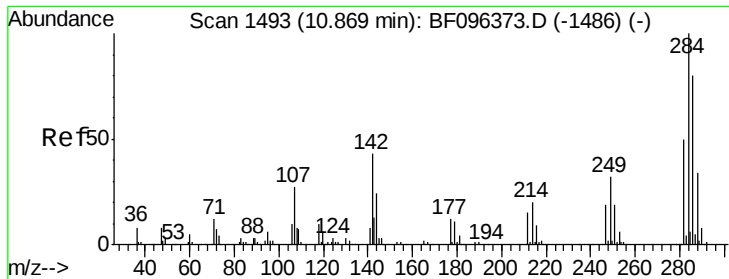
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 44.495 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	135009		
250	95.4	76.8	115.2	
141	92.0	68.6	103.0	





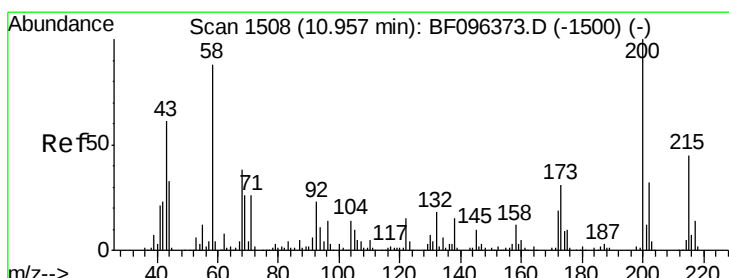
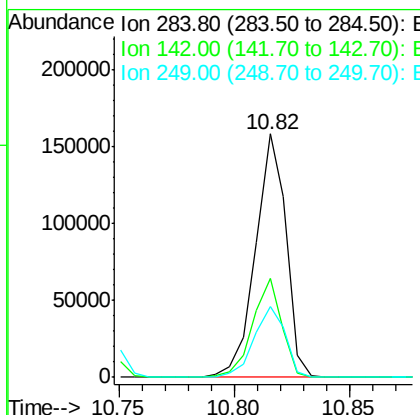
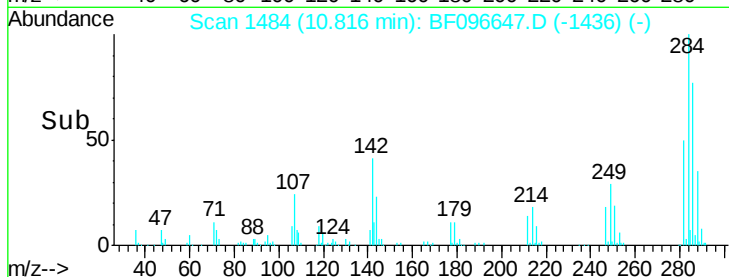
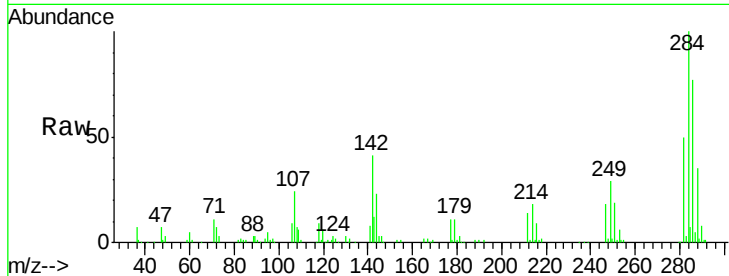
#67
Hexachlorobenzene
Concen: 43.874 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion: 284 Resp: 145728
Ion Ratio Lower Upper
284 100
142 40.7 22.8 34.2#
249 28.9 24.0 36.0

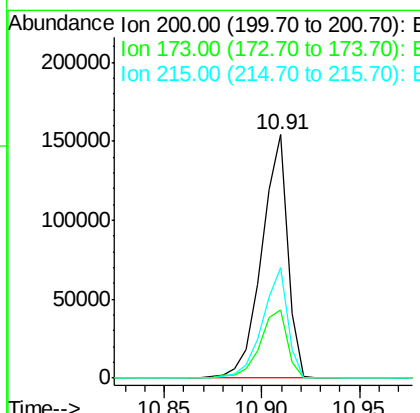
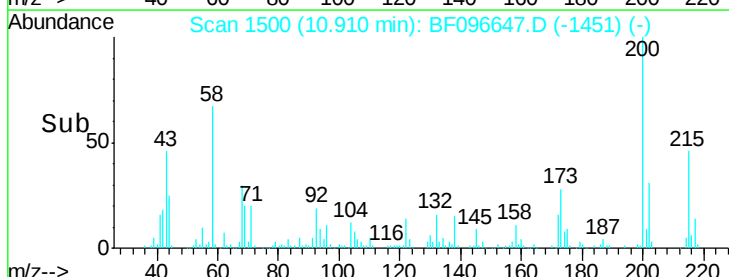
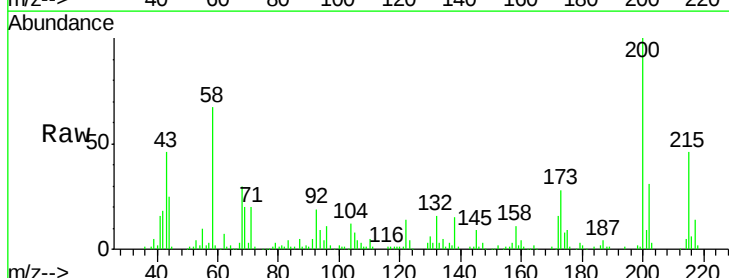
Manual Integrations
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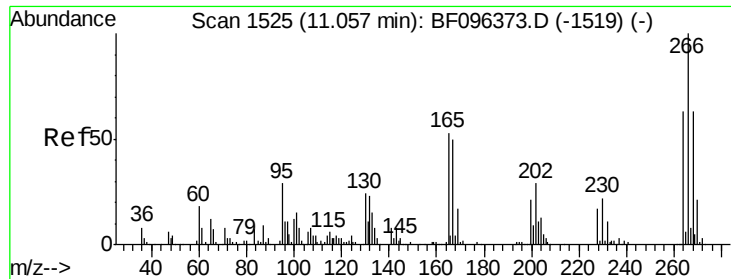
mohammad
7/12/2017 4:49:49 PM



#68
Atrazine
Concen: 45.415 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion: 200 Resp: 141897
Ion Ratio Lower Upper
200 100
173 28.0 6.3 46.3
215 45.5 27.2 67.2





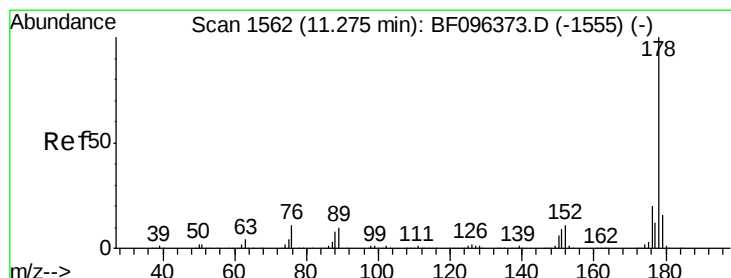
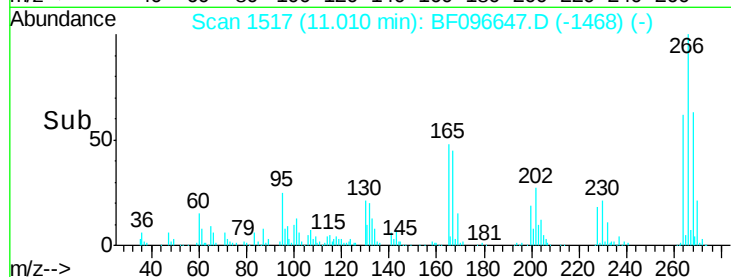
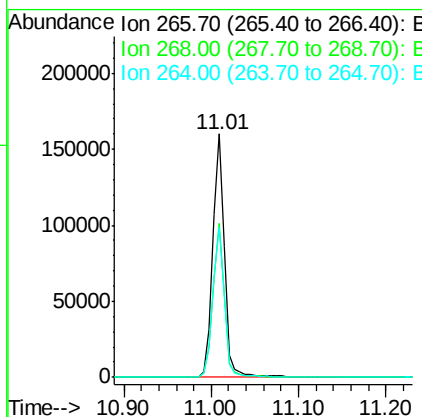
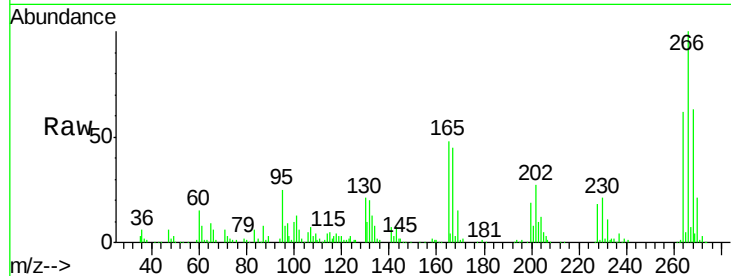
#69
 Pentachlorophenol
 Concen: 76.555 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	150705		
268	63.2	51.1	76.7	
264	61.9	51.7	77.5	

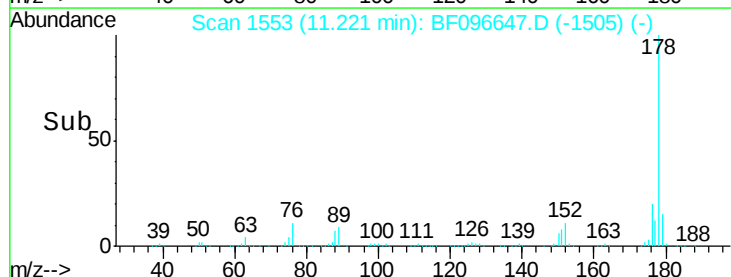
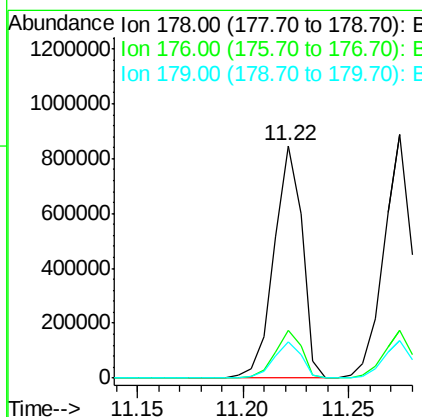
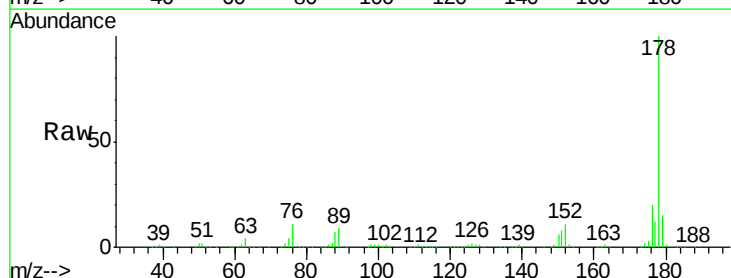
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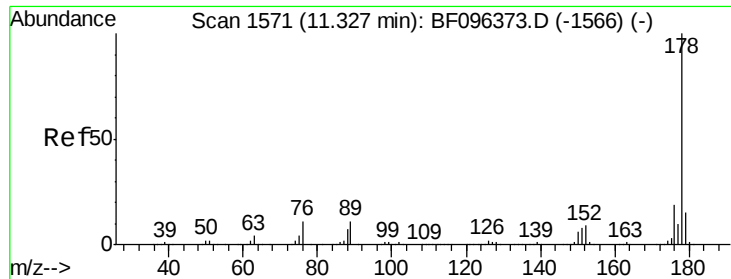
mohammad
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#70
 Phenanthrene
 Concen: 46.666 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	786299		
176	20.4	16.2	24.4	
179	15.4	12.6	19.0	





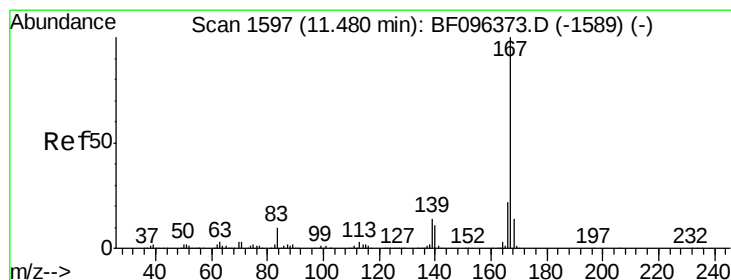
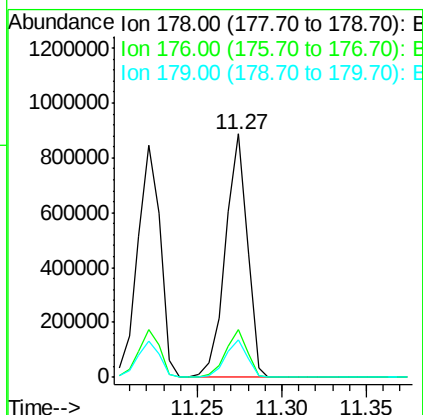
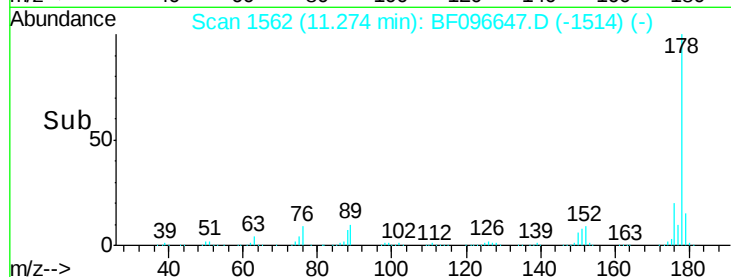
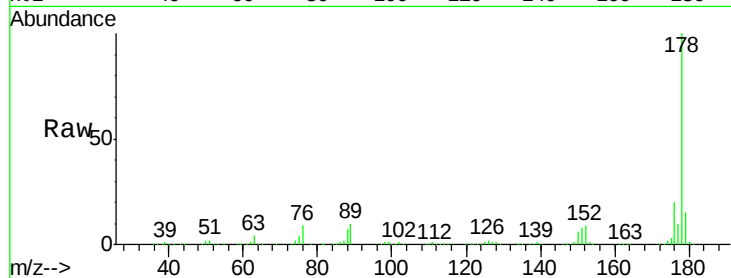
#71
 Anthracene
 Concen: 46.478 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.4	12.7	19.1

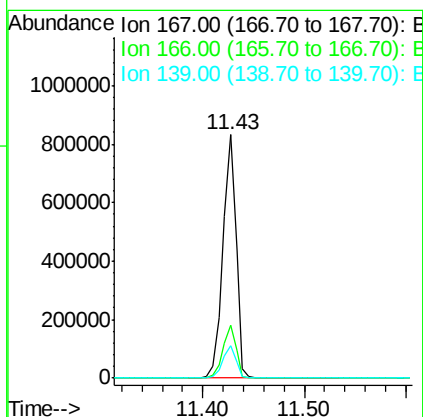
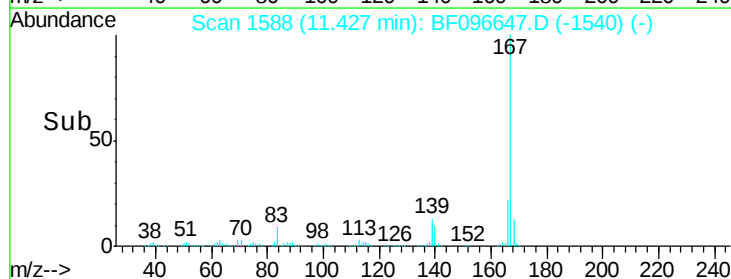
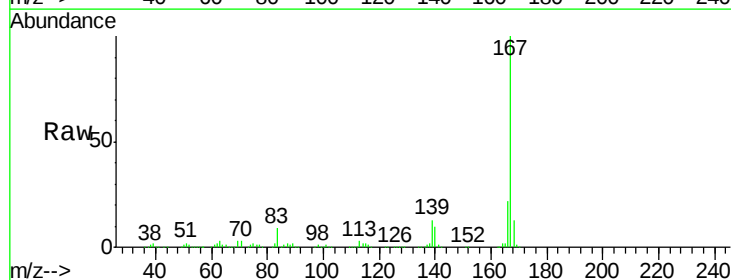
Manual Integrations
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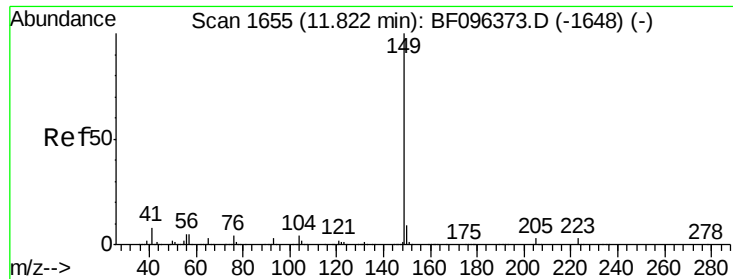
mohammad
 7/12/2017 4:49:49 PM



#72
 Carbazole
 Concen: 43.560 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.256 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

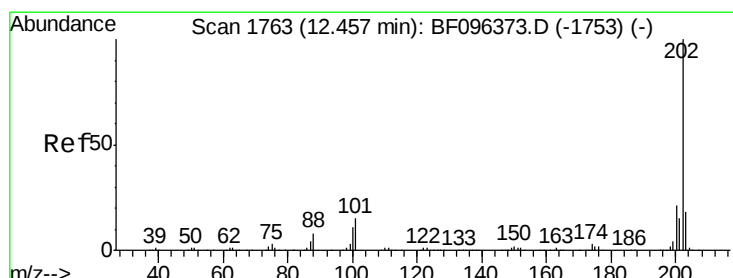
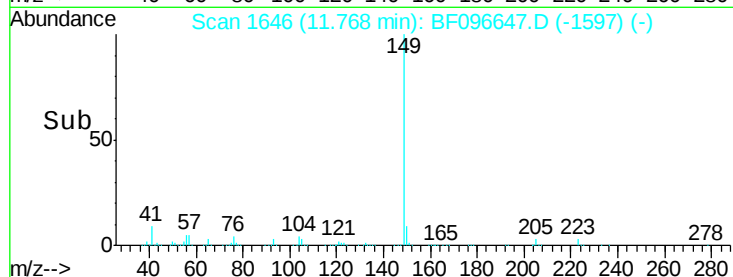
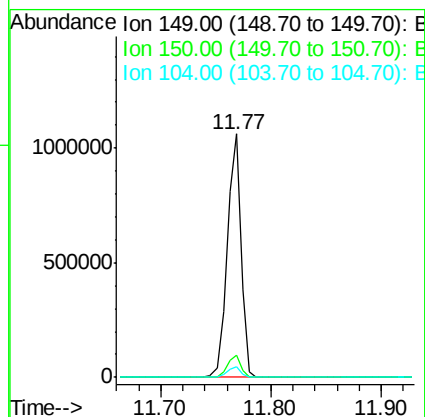
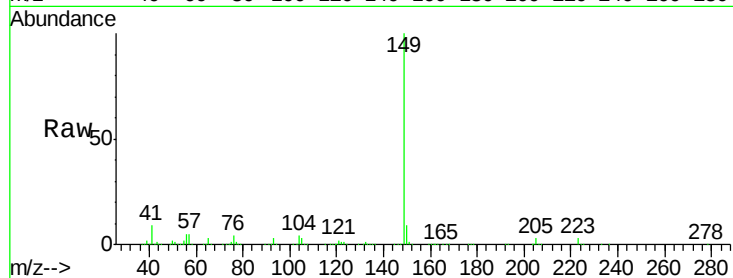
ClientSampleId :

PB100554BS

Tgt Ion:	149	Resp:	925628
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.4	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 42.430 ng

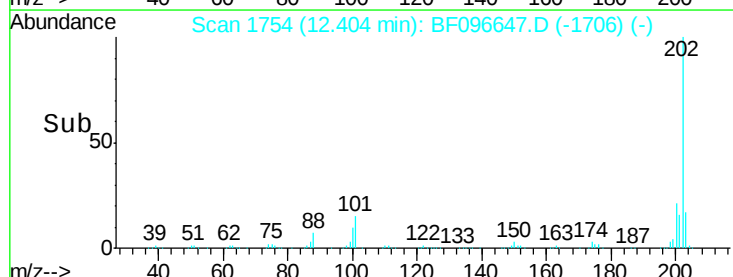
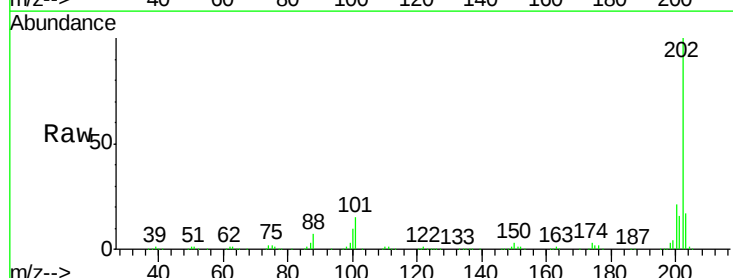
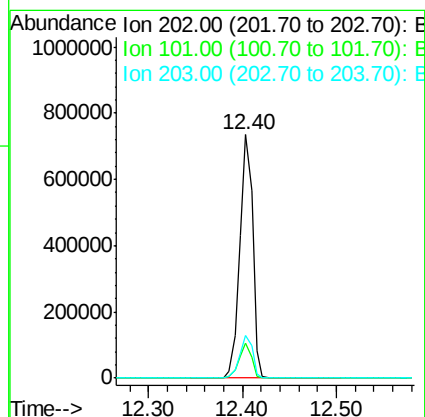
RT: 12.40 min Scan# 1754

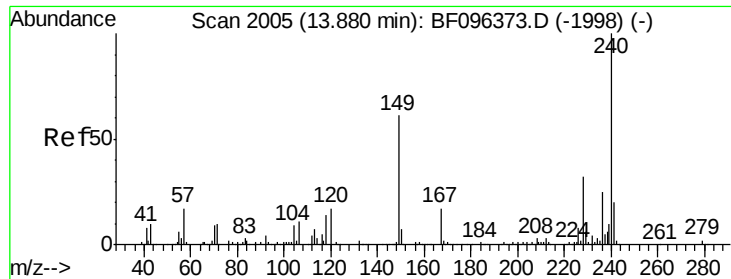
Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion:	202	Resp:	700943
Ion Ratio	Lower	Upper	
202	100		
101	14.5	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB100554BS

Tgt Ion: 240 Resp: 175748

Ion Ratio Lower Upper

240 100

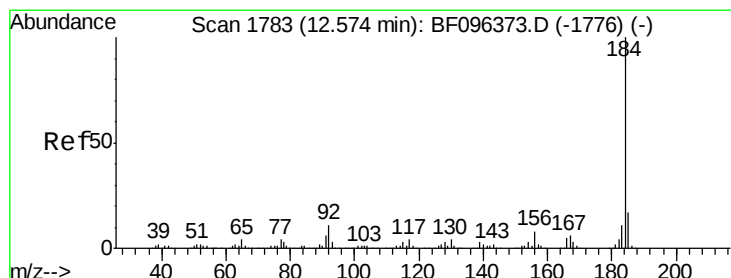
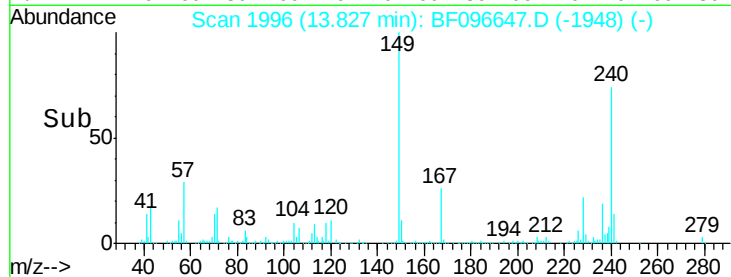
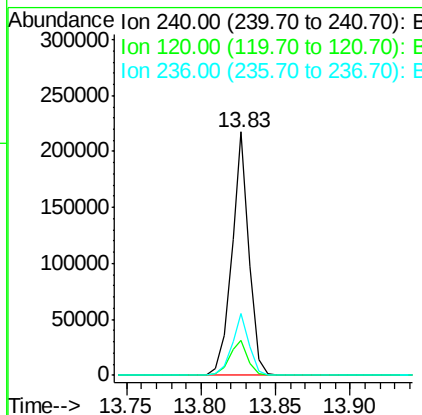
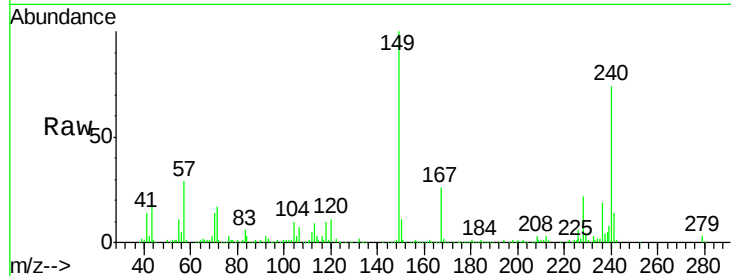
120 14.5 5.8 8.8#

236 25.2 20.5 30.7

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#76

Benzidine

Concen: 34.669 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

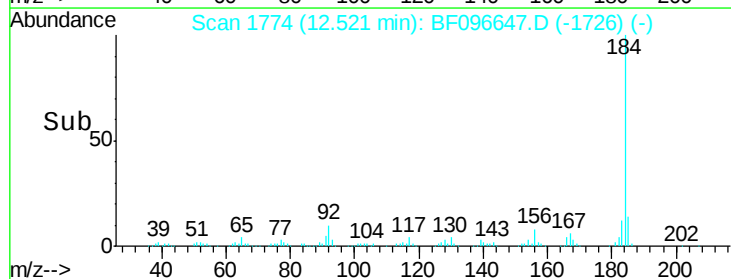
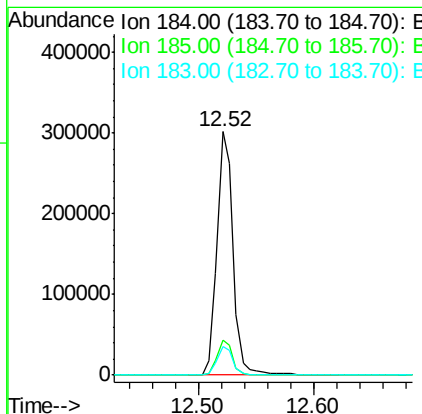
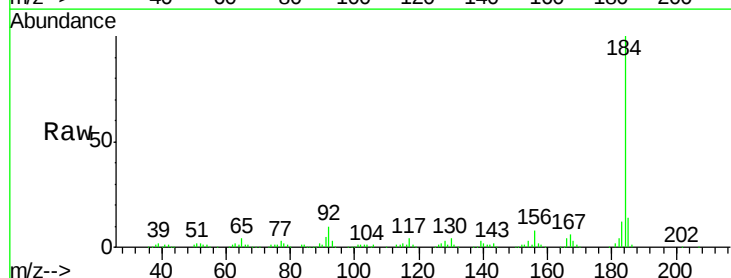
Tgt Ion: 184 Resp: 292357

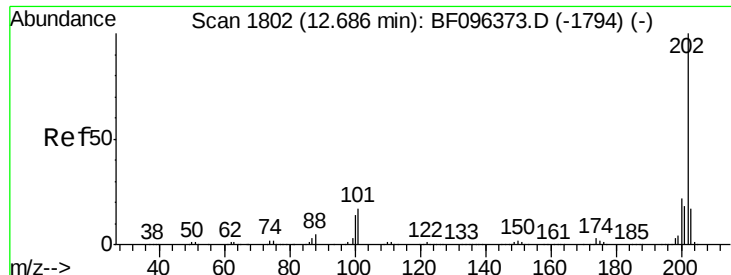
Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

183 11.7 9.8 14.6





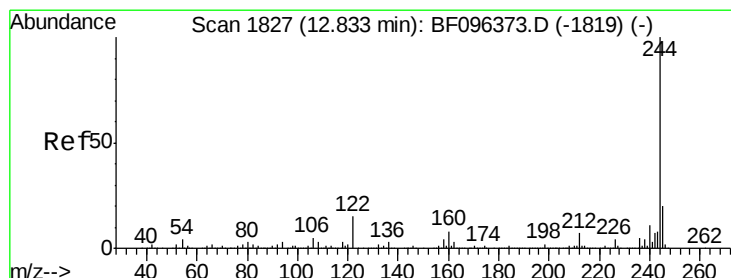
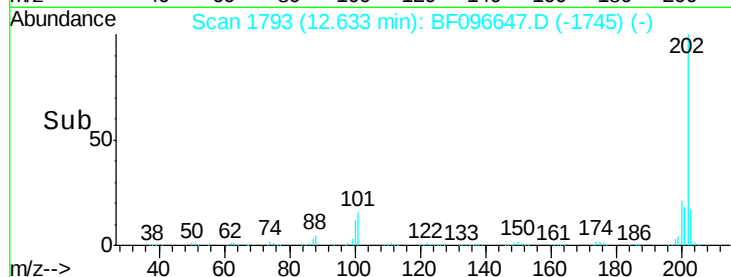
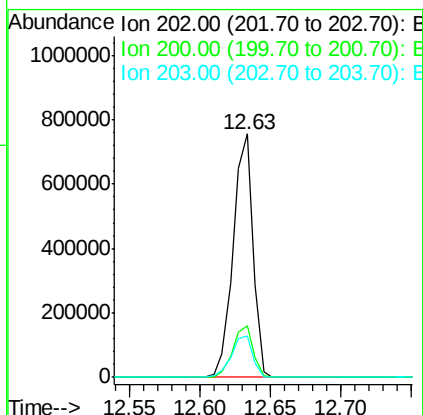
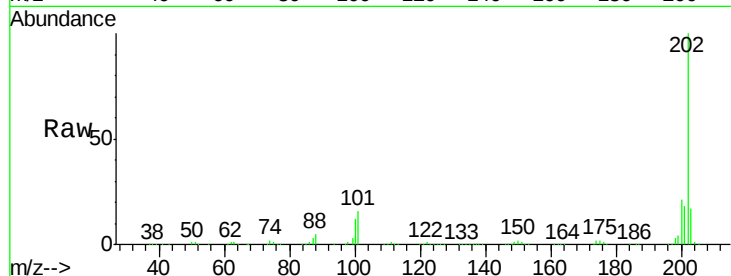
#77
 Pyrene
 Concen: 52.402 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleID :
 PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.2	17.6	26.4	
203	17.2	14.4	21.6	

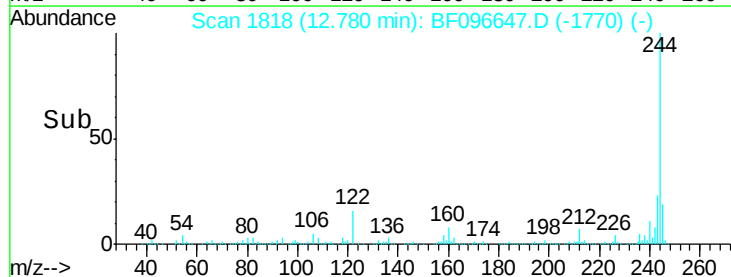
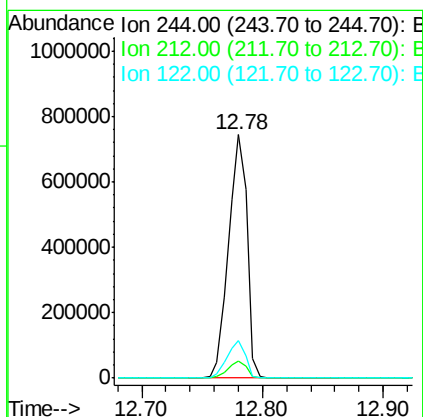
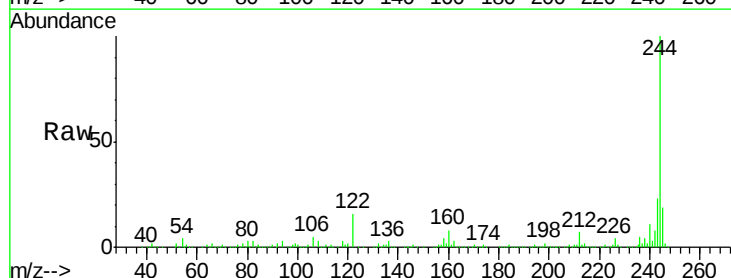
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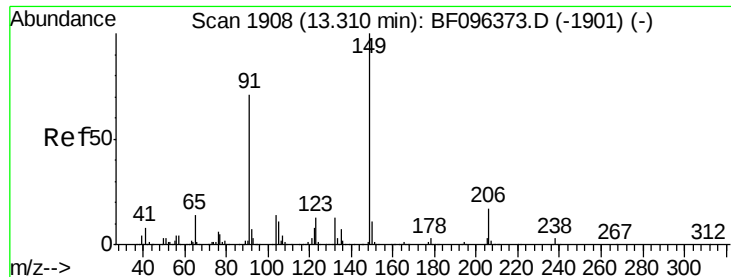
mohammad
 7/12/2017 4:49:49 PM



#78
 Terphenyl-d14
 Concen: 96.189 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	6.0	9.0	
122	15.6	10.3	15.5	





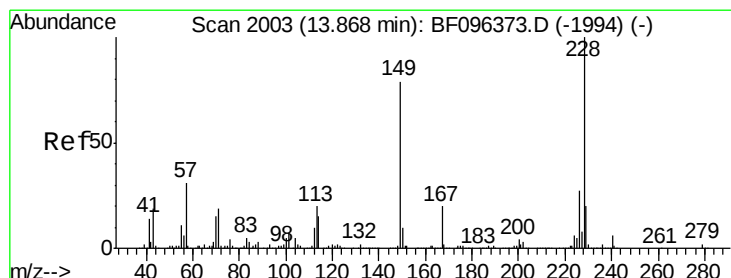
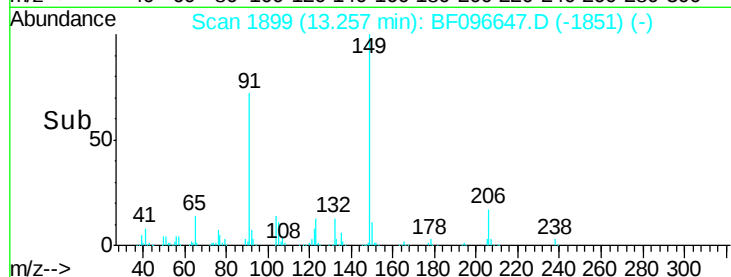
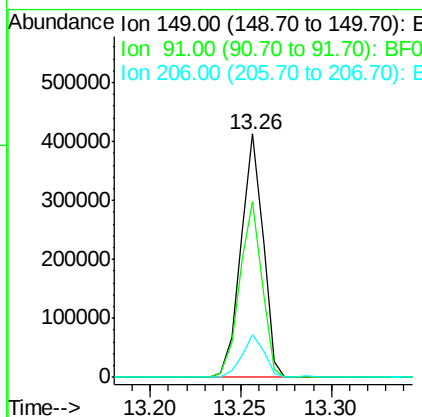
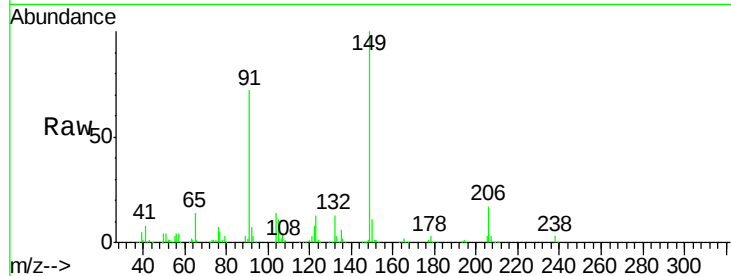
#79
Butylbenzylphthalate
Concen: 49.157 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	351033		
91	71.9	45.0	67.4#	
206	17.4	17.0	25.6	

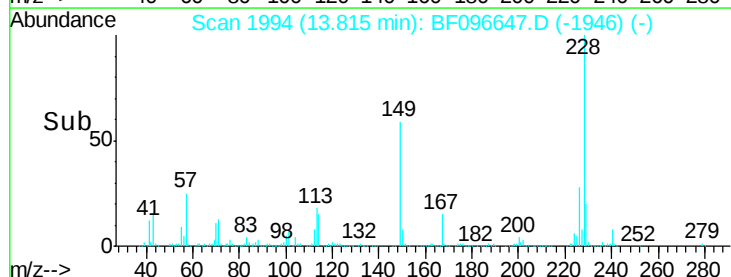
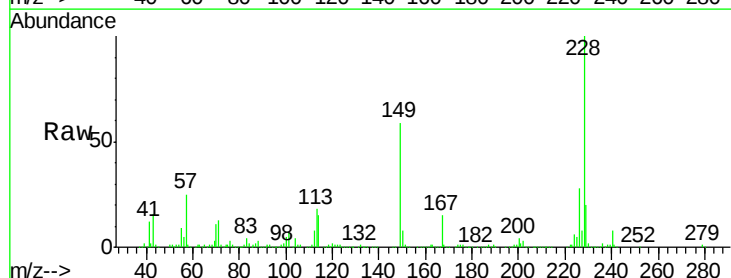
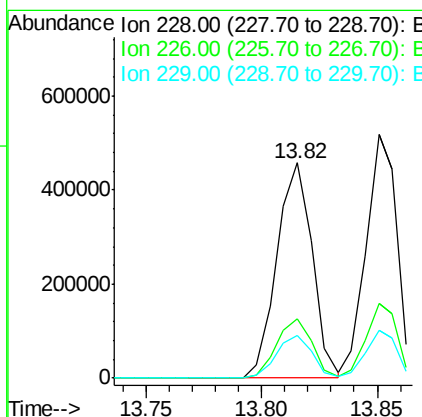
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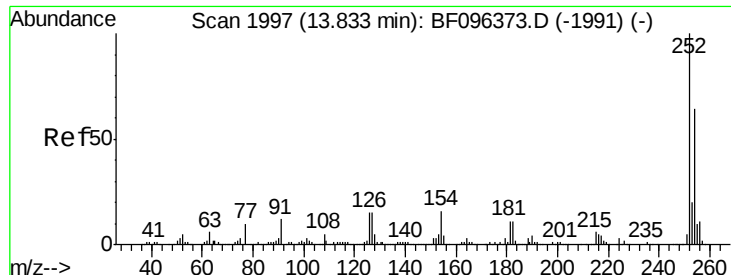
mohammad
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#80
Benzo(a)anthracene
Concen: 47.768 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	486151		
226	27.7	22.6	33.8	
229	19.7	16.3	24.5	





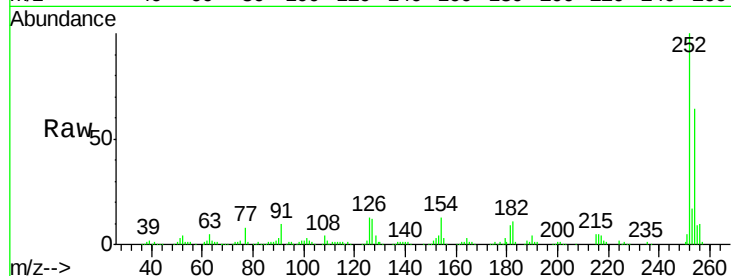
#81
 3,3'-Dichlorobenzidine
 Concen: 30.510 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

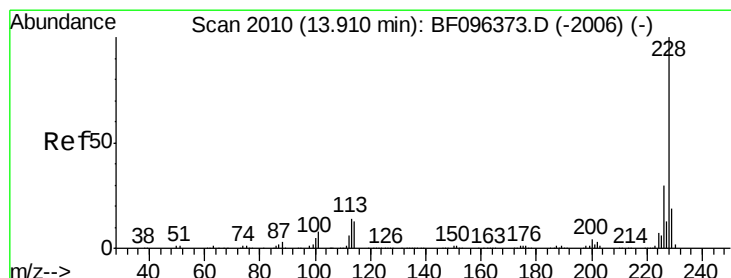
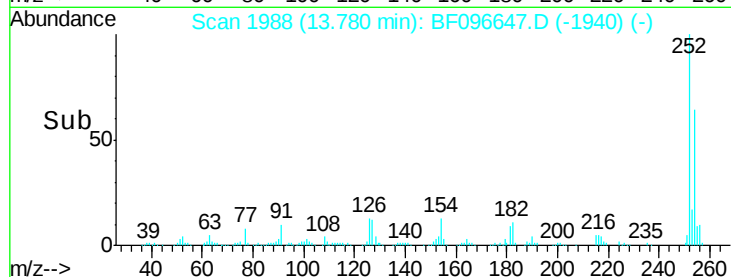
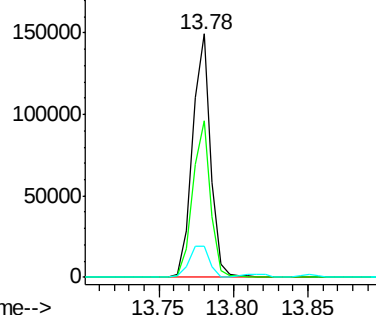
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	51.5	77.3
126	13.0	15.8	23.8

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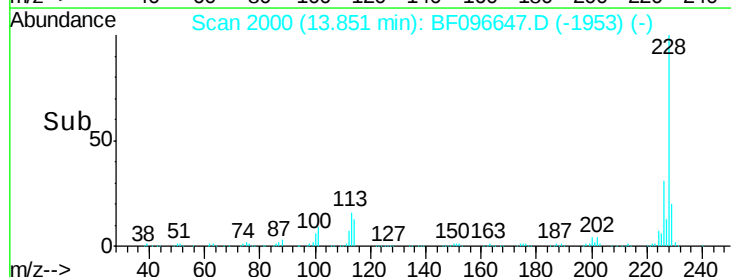
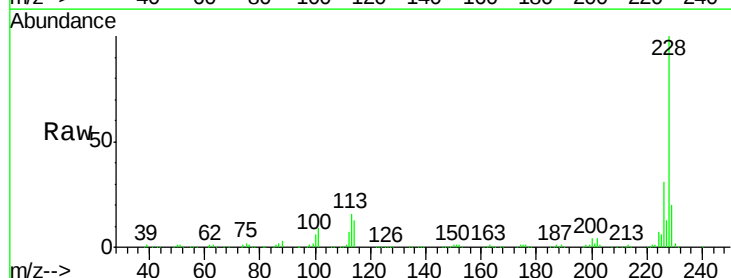
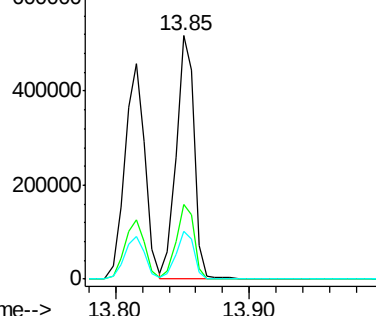
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

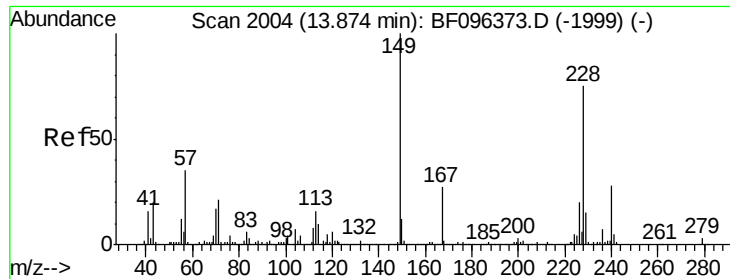


#82
 Chrysene
 Concen: 45.487 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	24.9	37.3
229	19.5	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





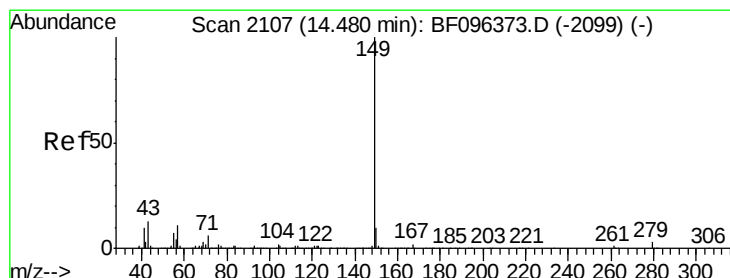
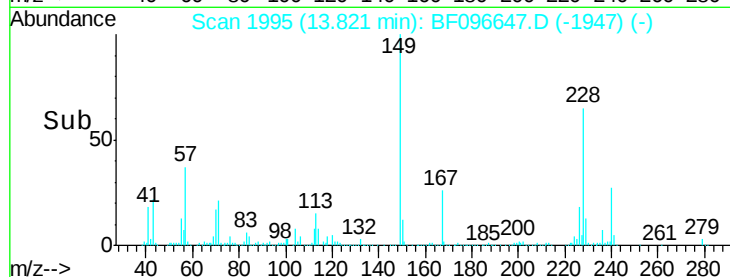
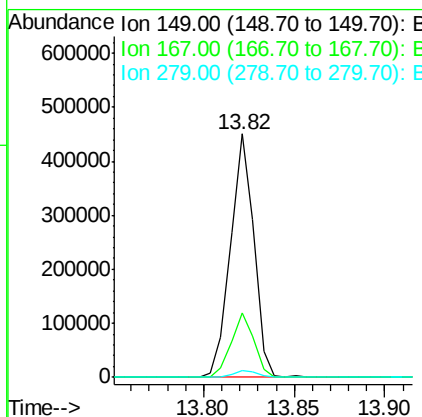
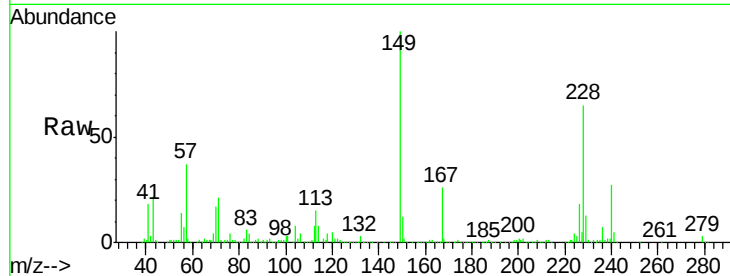
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.981 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	406379		
167	26.3	21.0	31.4	
279	2.6	1.9	2.9	

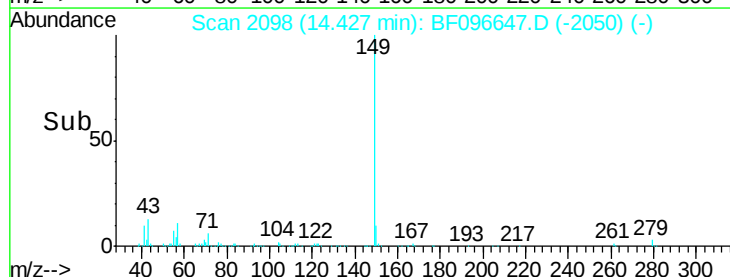
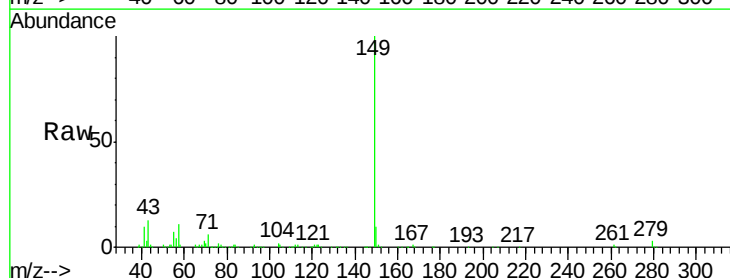
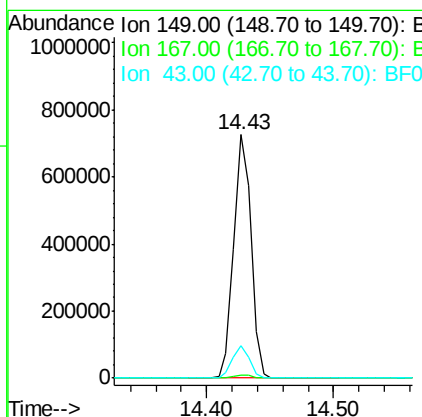
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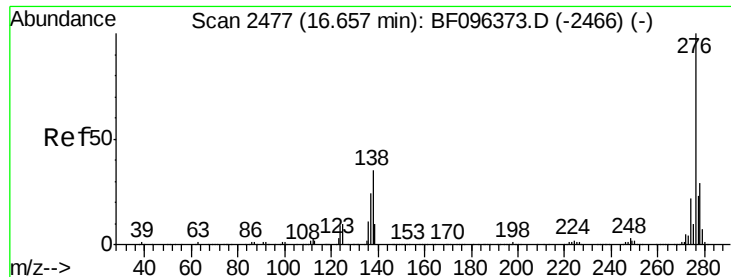
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 43.229 ng
 RT: 14.43 min Scan# 2098
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	678571		
167	1.5	1.2	1.8	
43	13.0	8.5	12.7#	





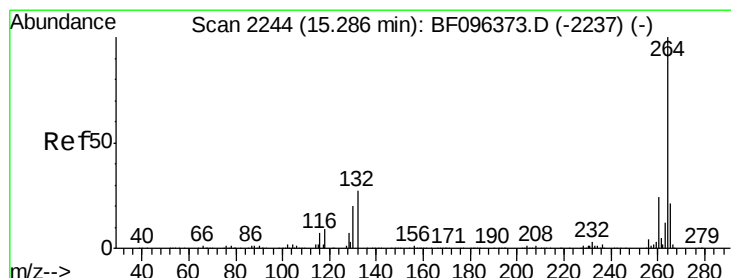
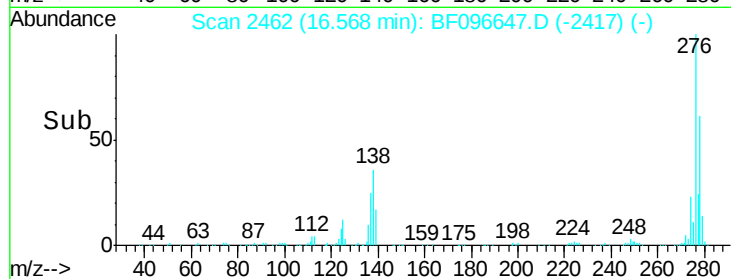
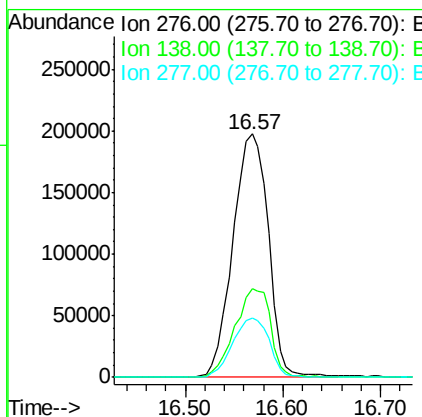
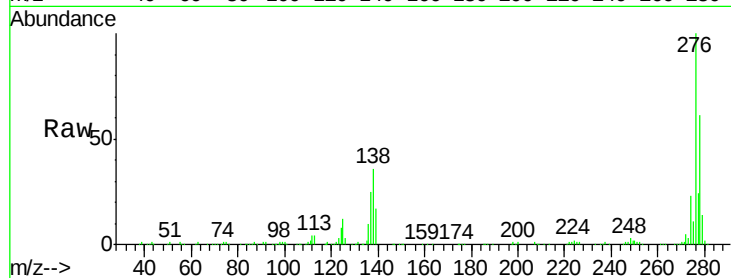
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.684 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. -0.04 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	502104		
138	36.9	27.8	41.6	
277	25.1	20.2	30.4	

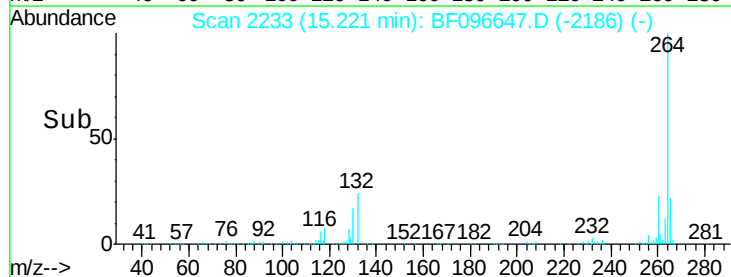
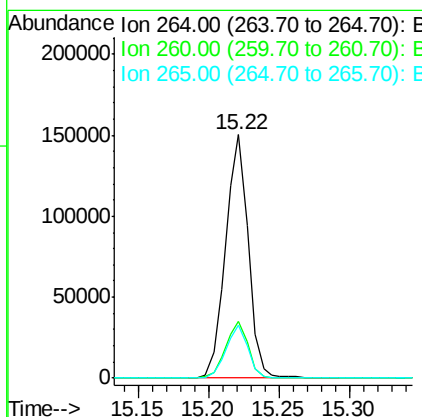
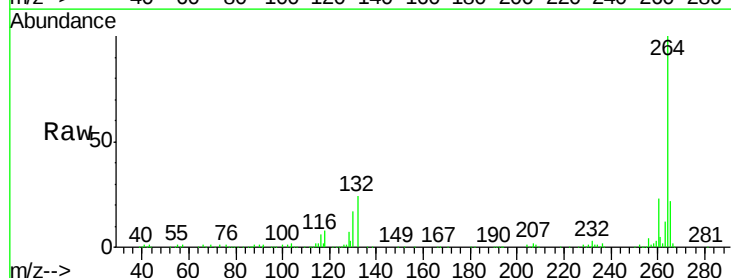
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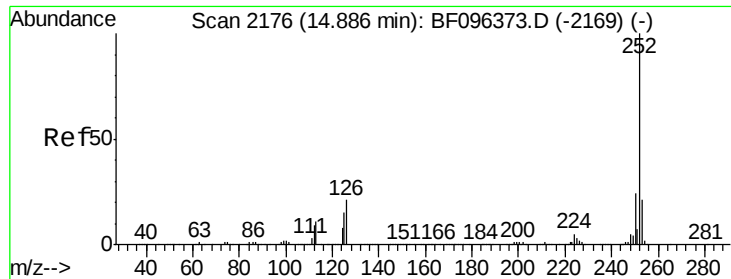
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	167475		
260	23.3	19.5	29.3	
265	21.5	17.2	25.8	





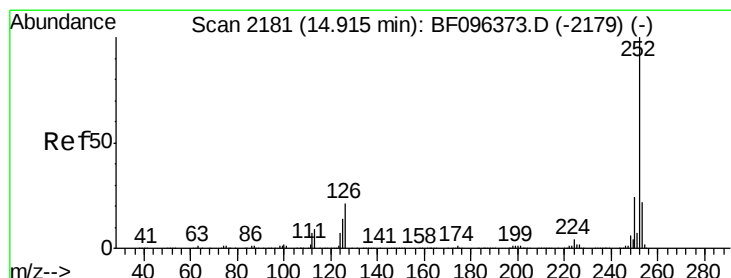
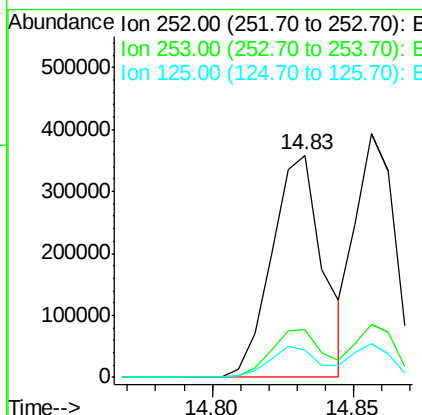
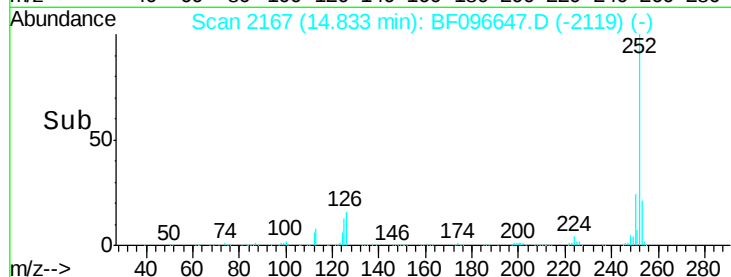
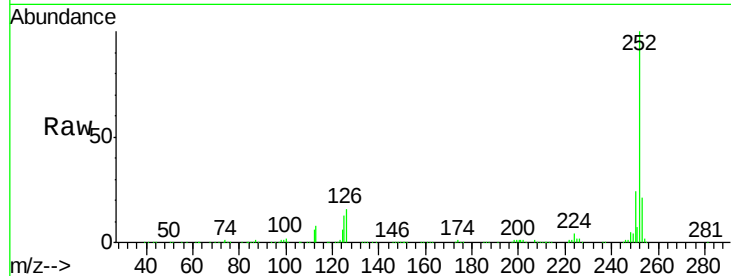
#87
Benzo(b)fluoranthene
Concen: 42.935 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	12.5	9.8	14.8

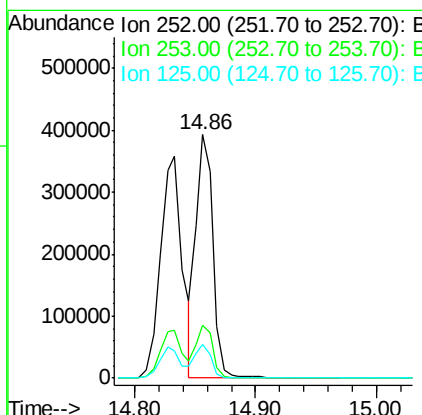
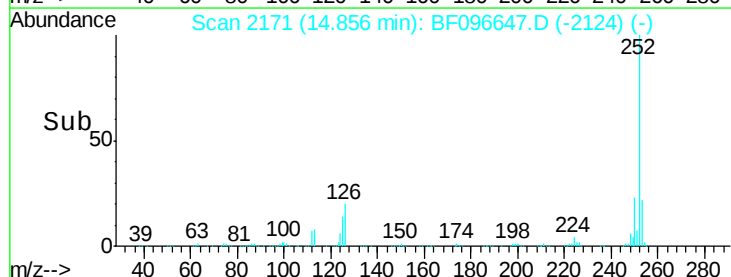
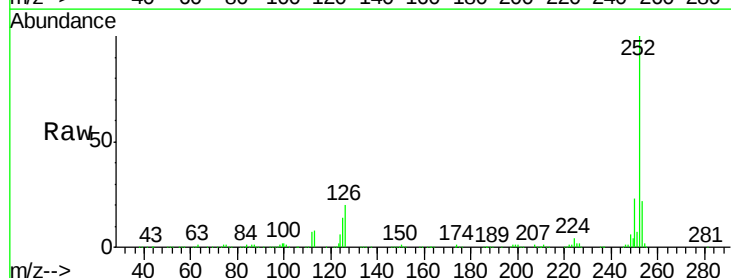
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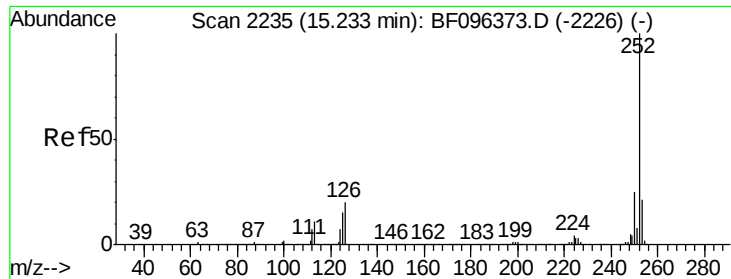
mohammad
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#88
Benzo(k)fluoranthene
Concen: 40.979 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096647.D
Acq: 11 Jul 2017 16:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	13.8	13.1	19.7





#89

Benzo(a)pyrene

Concen: 47.892 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.02 min

Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Instrument :

BNA_F

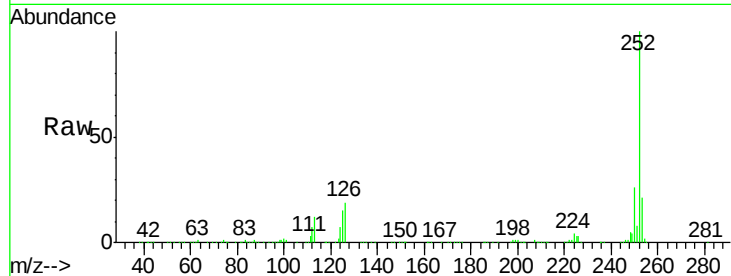
ClientSampleId :

PB100554BS

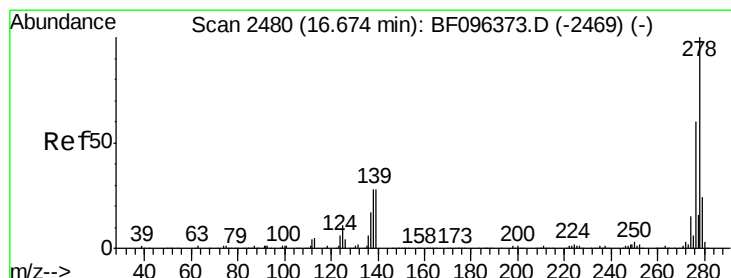
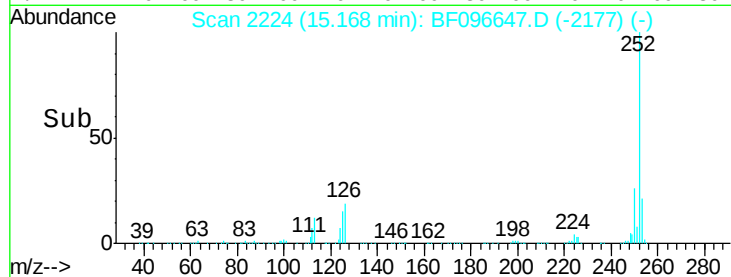
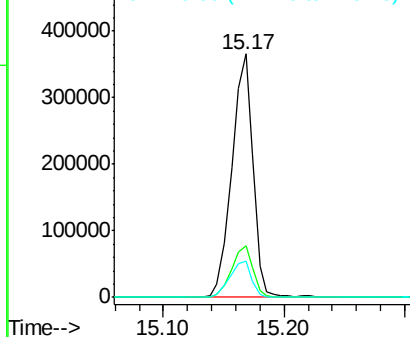
Tgt Ion:	252	Resp:	448694
Ion Ratio		Lower	Upper
252	100		
253	21.3	17.5	26.3
125	15.1	11.0	16.4

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



#90

Dibenzo(a,h)anthracene

Concen: 56.077 ng

RT: 16.58 min Scan# 2464

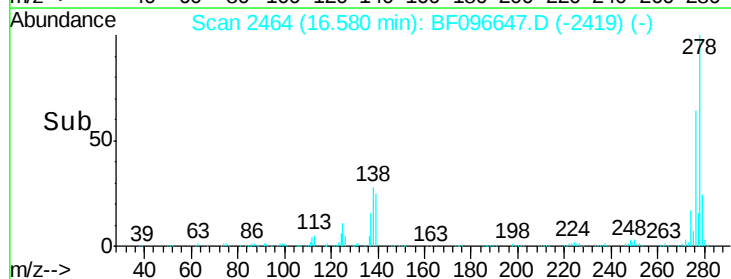
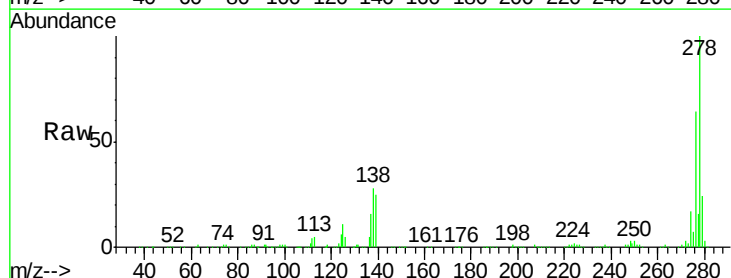
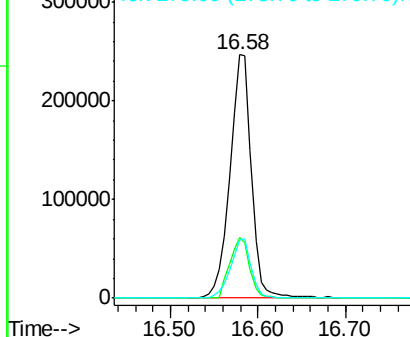
Delta R.T. -0.04 min

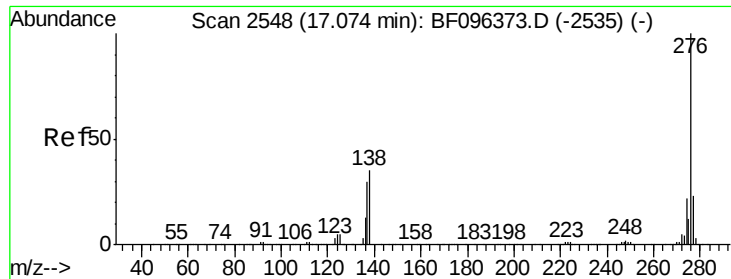
Lab File: BF096647.D

Acq: 11 Jul 2017 16:33

Tgt Ion:	278	Resp:	413317
Ion Ratio		Lower	Upper
278	100		
139	24.8	16.6	24.8
279	23.6	19.3	28.9

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





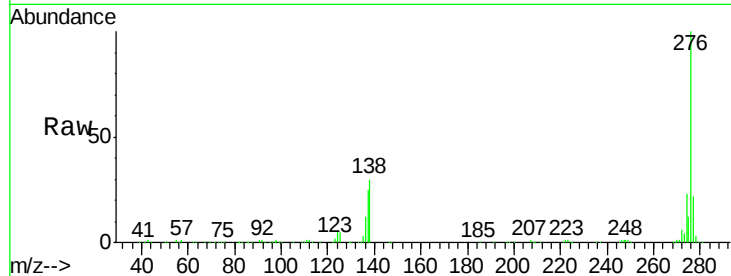
#91
 Benzo(g,h,i)perylene
 Concen: 59.360 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.03 min
 Lab File: BF096647.D
 Acq: 11 Jul 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.1	18.6	28.0
138	30.0	25.4	38.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

