

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094880.D
 Acq On : 4 May 2017 18:30
 Operator : SJ/MA
 Sample : PB98591BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Manual Integrations
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 5/5/2017 5:23:28 PM

Quant Time: May 05 01:46:06 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	86028	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	346489	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	165536	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	321356	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	268592	20.00	ng	-0.01
86) Perylene-d12	20.30	264	228413	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	708298	137.27	ng	0.00
7) Phenol-d6	7.27	99	855614	138.20	ng	0.00
23) Nitrobenzene-d5	8.62	82	502333	91.42	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	198043	146.08	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1027429	89.34	ng	-0.01
78) Terphenyl-d14	17.30	244	913793	74.93	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.12	88	83612	33.04	ng	93
3) Pyridine	2.79	79	209566	35.73	ng	98
4) n-Nitrosodimethylamine	2.71	42	97079	39.71	ng	82
6) Aniline	7.22	93	249621	31.94	ng	95
8) 2-Chlorophenol	7.41	128	270496	46.06	ng	97
9) Benzaldehyde	7.05	77	26396	6.98	ng	90
10) Phenol	7.29	94	304829	46.72	ng	87
11) bis(2-Chloroethyl)ether	7.36	93	233765	43.40	ng	96
12) 1,3-Dichlorobenzene	7.62	146	280625	42.12	ng	98
13) 1,4-Dichlorobenzene	7.75	146	285778	42.30	ng	97
14) 1,2-Dichlorobenzene	7.98	146	269490	42.73	ng	96
15) Benzyl Alcohol	8.00	79	212058	53.25	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	304174	39.90	ng	# 35
17) 2-Methylphenol	8.22	107	215554	44.85	ng	# 90
18) Hexachloroethane	8.51	117	94302	41.20	ng	88
19) n-Nitroso-di-n-propylamine	8.43	70	179125	42.78	ng	94
20) 3+4-Methylphenols	8.47	107	292802	44.83	ng	# 60
22) Acetophenone	8.40	105	362987	43.66	ng	# 83
24) Nitrobenzene	8.65	77	259739	45.10	ng	92
25) Isophorone	9.05	82	466322	47.53	ng	# 94
26) 2-Nitrophenol	9.16	139	145288	46.75	ng	97
27) 2,4-Dimethylphenol	9.30	122	236735	47.12	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	298951	44.04	ng	99
29) 2,4-Dichlorophenol	9.57	162	236088	49.76	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	220782	43.44	ng	99
31) Naphthalene	9.78	128	753220	43.25	ng	98
32) Benzoic acid	9.60	122	150375	45.84	ng	93
33) 4-Chloroaniline	9.92	127	55009	8.48	ng	95
34) Hexachlorobutadiene	10.00	225	112633	42.00	ng	99
35) Caprolactam	10.54	113	78607m	55.18	ng	
36) 4-Chloro-3-methylphenol	10.77	107	253779	50.03	ng	89
37) 2-Methylnaphthalene	10.90	142	546097	47.78	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	212754	41.79	ng	100
40) Hexachlorocyclopentadiene	11.16	237	177520	82.73	ng	98

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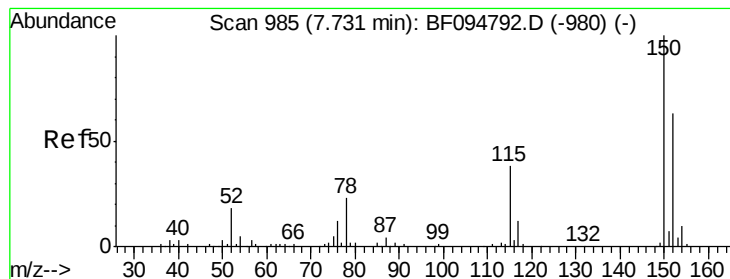
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	155565	45.77	ng	99
43) 2,4,5-Trichlorophenol	11.48	196	163612	44.79	ng	# 93
45) 1,1'-Biphenyl	11.67	154	600936	43.12	ng	98
46) 2-Chloronaphthalene	11.68	162	484879	43.09	ng	95
47) 2-Nitroaniline	11.89	65	140498	45.61	ng	# 81
48) Acenaphthylene	12.34	152	789194	44.77	ng	99
49) Dimethylphthalate	12.21	163	601674	44.27	ng	99
50) 2,6-Dinitrotoluene	12.31	165	131355	47.38	ng	98
51) Acenaphthene	12.62	154	461577	43.84	ng	99
52) 3-Nitroaniline	12.57	138	66542	22.36	ng	# 96
53) 2,4-Dinitrophenol	12.77	184	134929	87.71	ng	# 69
54) Dibenzofuran	12.91	168	717086	49.22	ng	98
55) 4-Nitrophenol	12.95	139	178698	99.99	ng	# 74
56) 2,4-Dinitrotoluene	12.97	165	181207	50.86	ng	# 89
57) Fluorene	13.47	166	548168	43.27	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	124851	54.30	ng	92
59) Diethylphthalate	13.37	149	533586	40.97	ng	99
60) 4-Chlorophenyl-phenylether	13.49	204	238881	42.91	ng	91
61) 4-Nitroaniline	13.57	138	127154	46.55	ng	94
62) Azobenzene	13.75	77	536445	51.25	ng	93
64) 4,6-Dinitro-2-methylphenol	13.63	198	93396	43.35	ng	# 67
65) n-Nitrosodiphenylamine	13.70	169	494314	42.38	ng	98
66) 4-Bromophenyl-phenylether	14.28	248	145333	42.81	ng	99
67) Hexachlorobenzene	14.36	284	149551	42.98	ng	# 86
68) Atrazine	14.62	200	137143	41.65	ng	97
69) Pentachlorophenol	14.71	266	134250	84.94	ng	98
70) Phenanthrene	15.01	178	843400	45.68	ng	98
71) Anthracene	15.09	178	875610	46.43	ng	98
72) Carbazole	15.38	167	811104	47.27	ng	98
73) Di-n-butylphthalate	15.95	149	941633	44.00	ng	98
74) Fluoranthene	16.75	202	872774	46.08	ng	98
76) Benzidine	16.97	184	129710	21.99	ng	# 94
77) Pyrene	17.05	202	891100	44.36	ng	99
79) Butylbenzylphthalate	17.96	149	380986	40.78	ng	90
80) Benzo(a)anthracene	18.63	228	725352	46.40	ng	98
81) 3,3'-Dichlorobenzidine	18.61	252	170297	31.54	ng	# 97
82) Chrysene	18.67	228	678836	44.91	ng	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	560150	42.08	ng	# 99
84) Di-n-octyl phthalate	19.47	149	970537	44.47	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	546880	44.55	ng	99
87) Benzo(b)fluoranthene	19.89	252	703810	49.87	ng	97
88) Benzo(k)fluoranthene	19.92	252	615825	45.23	ng	96
89) Benzo(a)pyrene	20.25	252	603337	46.33	ng	99
90) Dibenzo(a,h)anthracene	21.60	278	461043	42.86	ng	98
91) Benzo(g,h,i)perylene	21.96	276	415556	39.37	ng	95

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



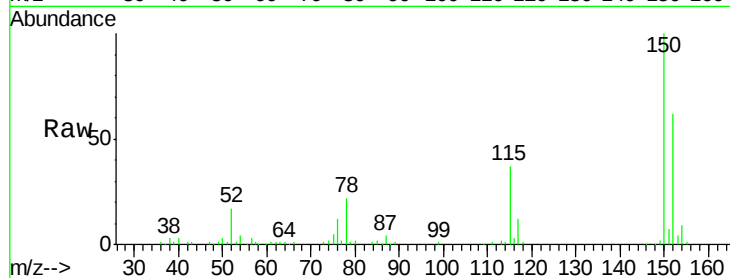
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
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 PB98591BS

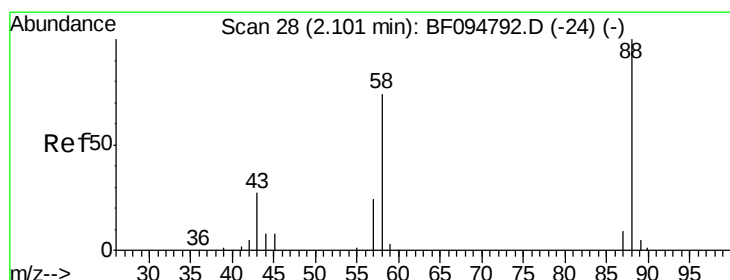
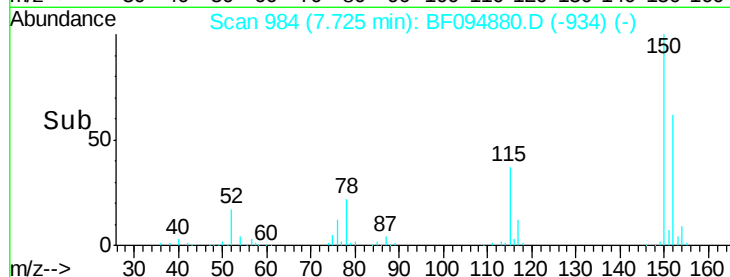
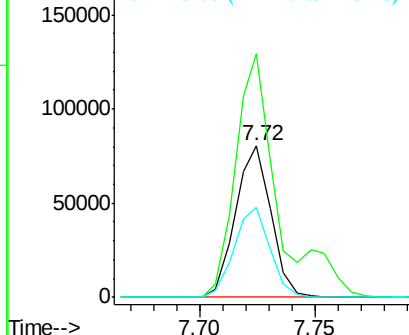
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.2	189.2
115	59.9	52.2	78.2

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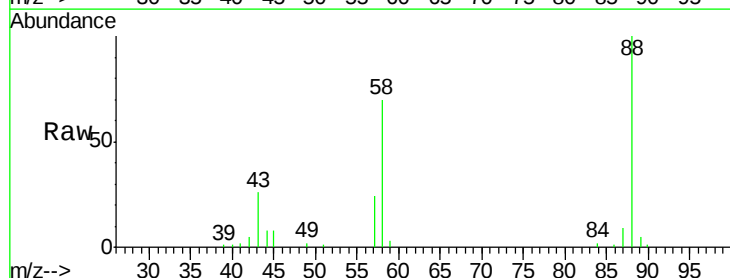


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

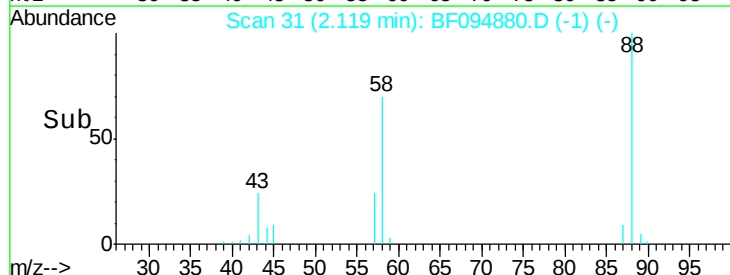
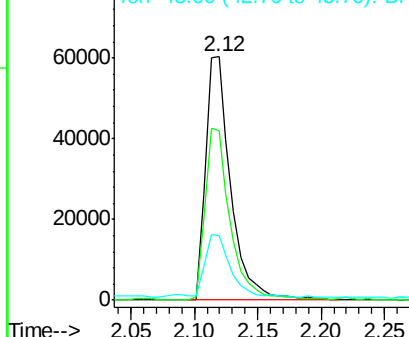


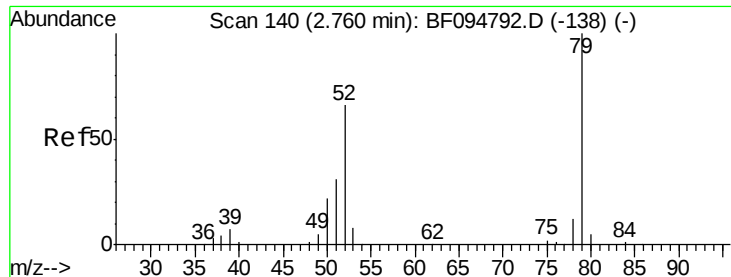
#2
 1,4-Dioxane
 Concen: 33.04 ng
 RT: 2.12 min Scan# 31
 Delta R.T. 0.02 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	61.4	92.0
43	26.0	23.4	35.0



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





#3

Pyridine

Concen: 35.73 ng

RT: 2.79 min Scan# 145

Delta R.T. 0.03 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

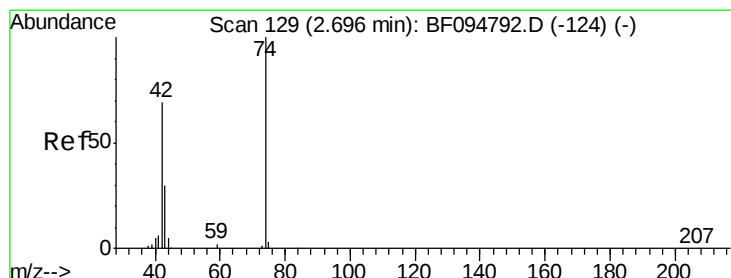
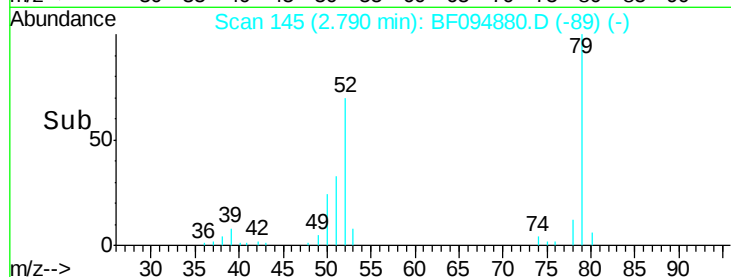
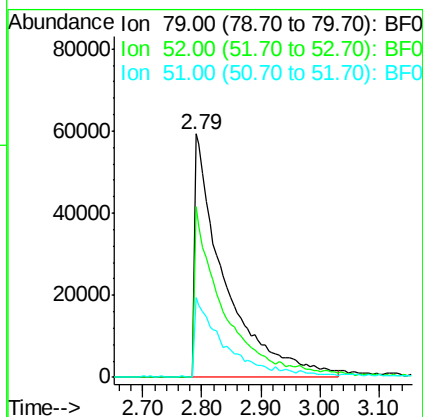
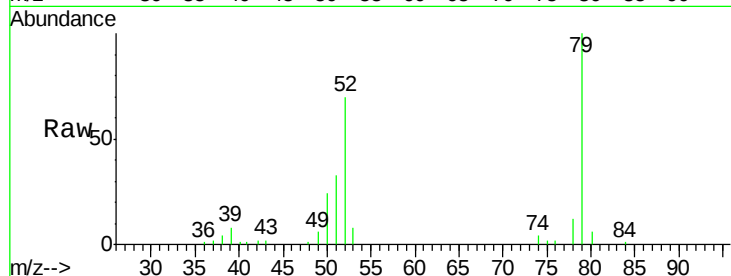
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
79	100		
52	70.1	54.8	82.2
51	33.0	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 39.71 ng

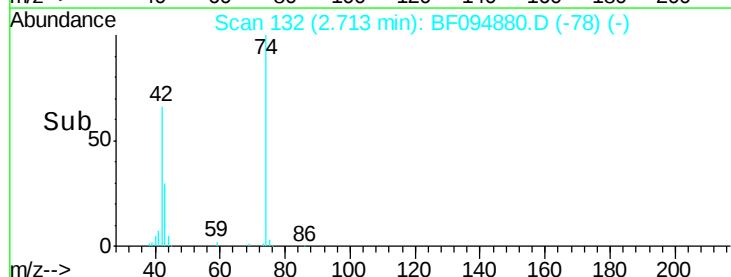
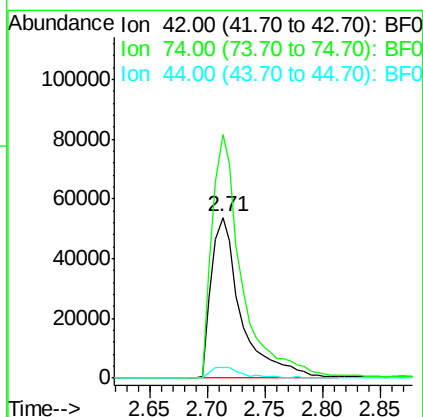
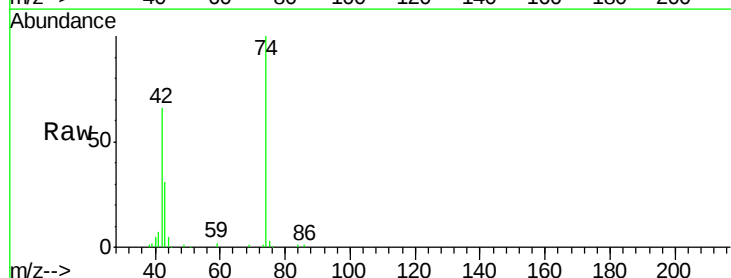
RT: 2.71 min Scan# 132

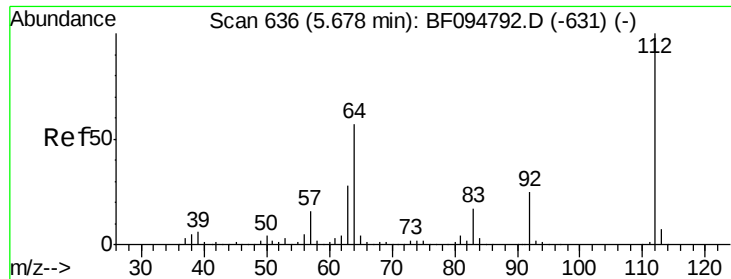
Delta R.T. 0.02 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.8	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 137.27 ng

RT: 5.68 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

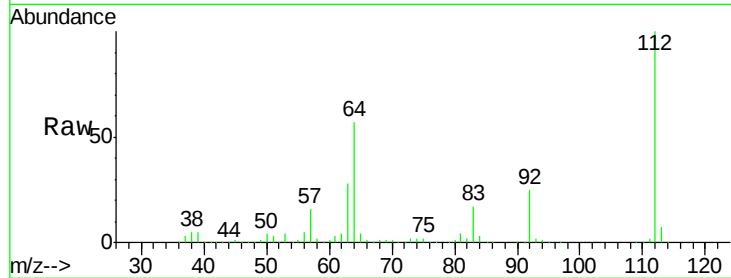
ClientSampleId :

PB98591BS

Tgt Ion:	112	Resp:	708298
Ion Ratio	Lower	Upper	
112	100		
64	56.6	46.0	69.0
63	27.9	23.4	35.0

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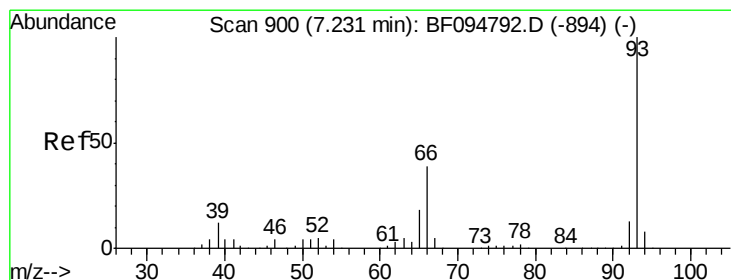
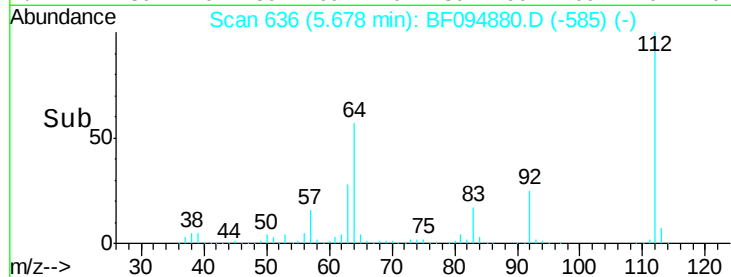
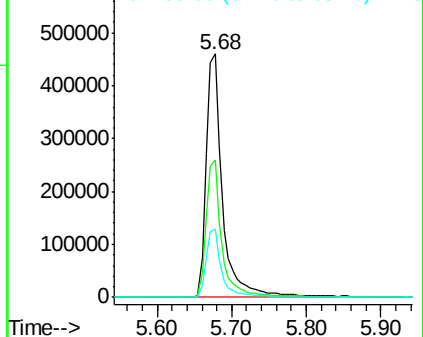
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.94 ng

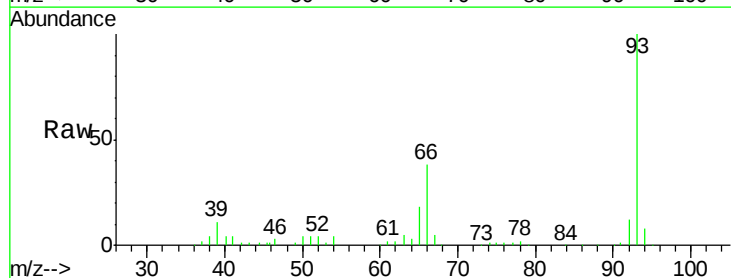
RT: 7.22 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

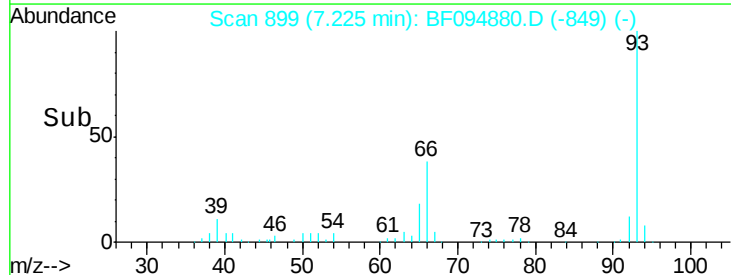
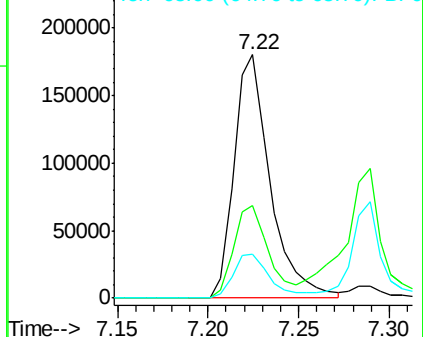
Tgt Ion:	93	Resp:	249621
Ion Ratio	Lower	Upper	
93	100		
66	38.0	32.9	49.3
65	18.0	16.0	24.0

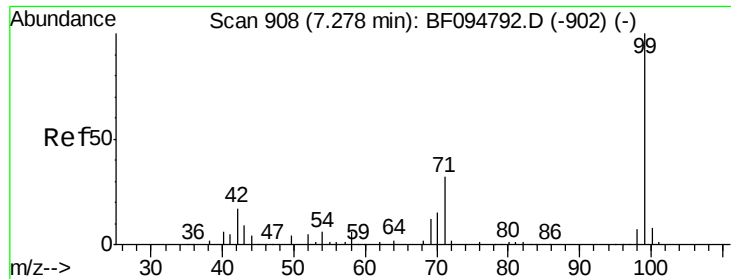


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.20 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

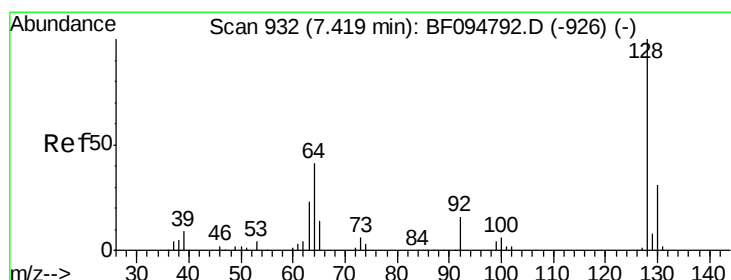
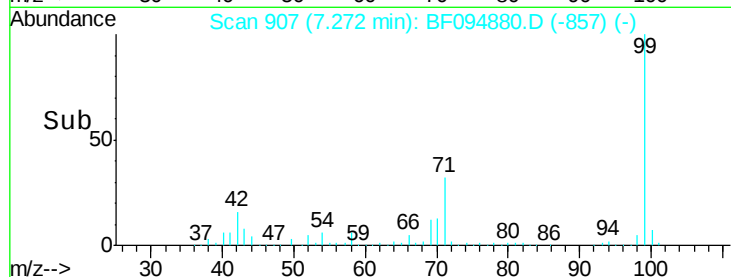
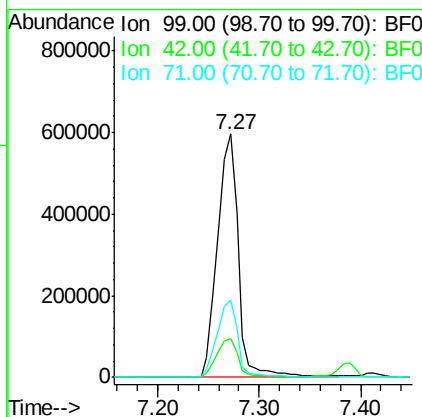
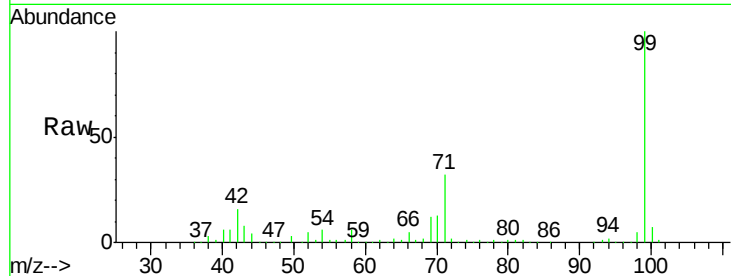
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Tgt Ion:	99	Resp:	855614
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	31.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 46.06 ng

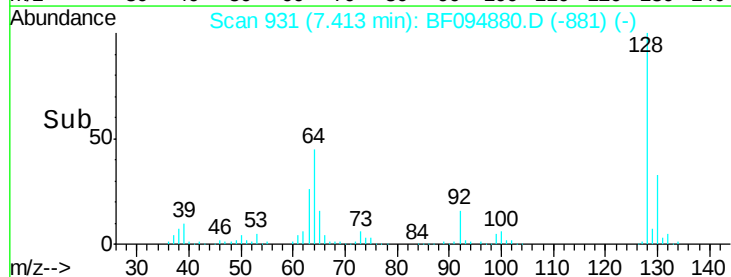
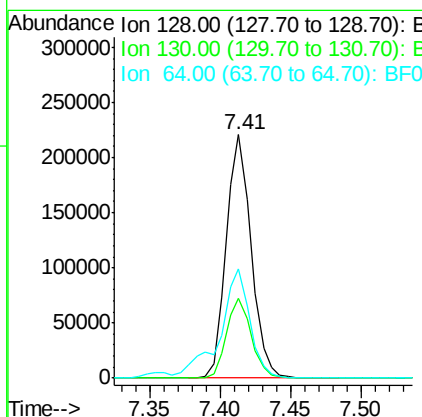
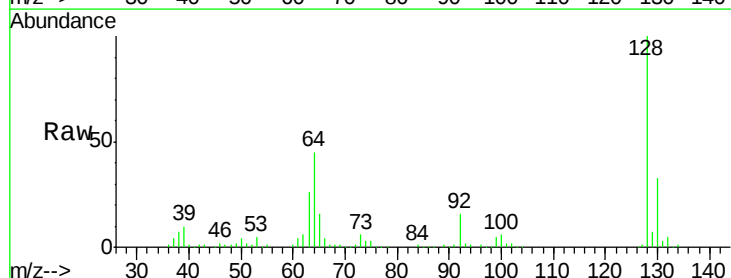
RT: 7.41 min Scan# 931

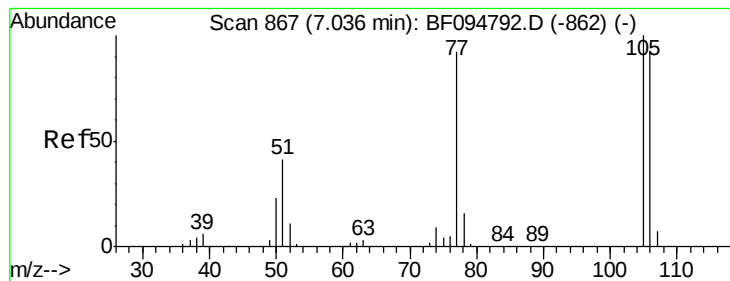
Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion:	128	Resp:	270496
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	45.1	28.4	68.4





#9

Benzaldehyde

Concen: 6.98 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

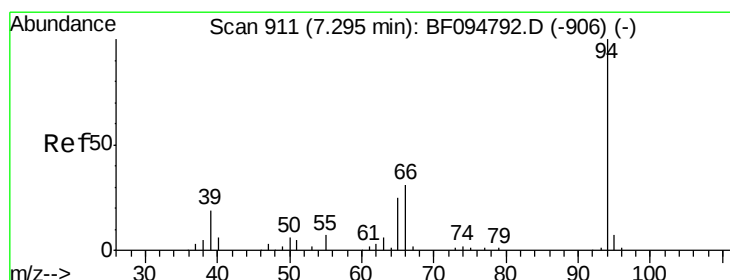
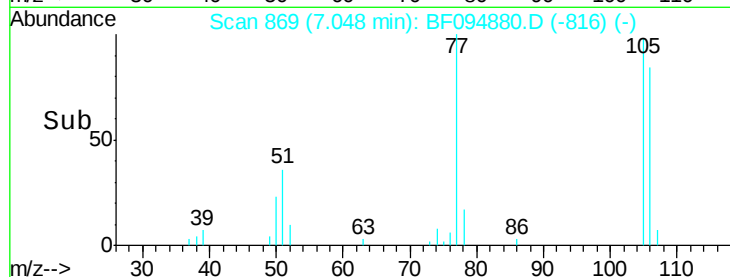
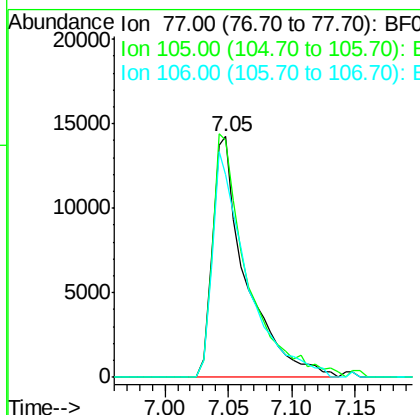
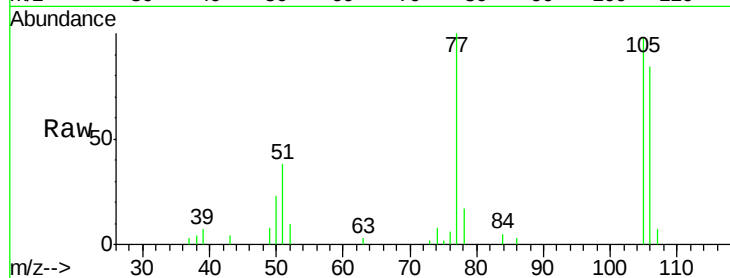
ClientSampleId :

PB98591BS

Tgt Ion:	77	Resp:	26396
Ion	Ratio	Lower	Upper
77	100		
105	98.2	83.8	123.8
106	83.9	79.1	119.1

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#10

Phenol

Concen: 46.72 ng

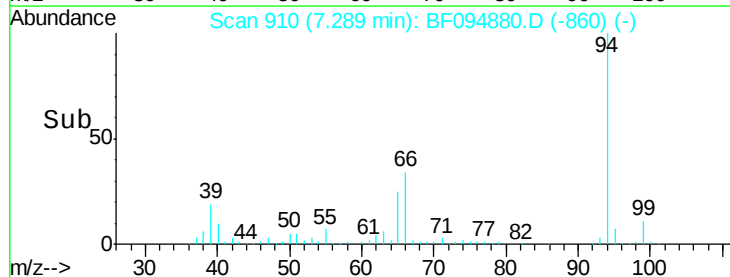
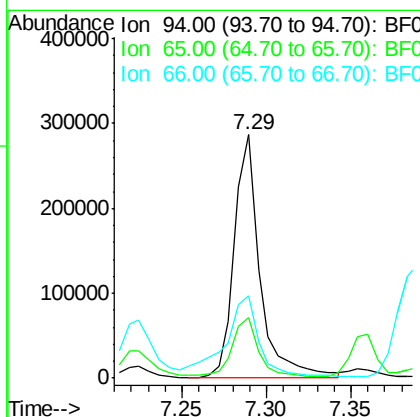
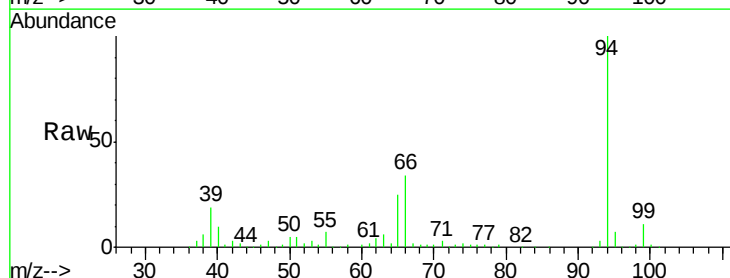
RT: 7.29 min Scan# 910

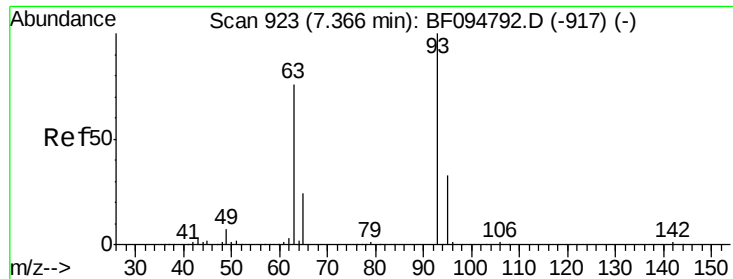
Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion:	94	Resp:	304829
Ion	Ratio	Lower	Upper
94	100		
65	24.7	9.9	49.9
66	33.6	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 43.40 ng

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

PB98591BS

Tgt Ion: 93 Resp: 233765

Ion Ratio Lower Upper

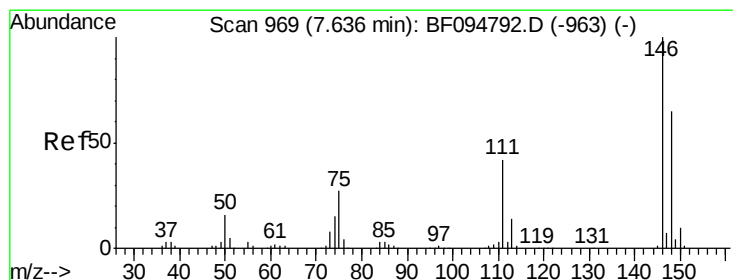
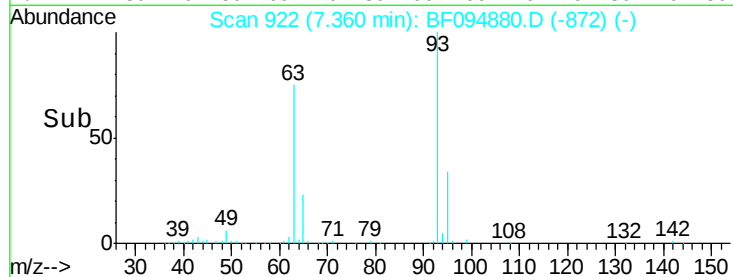
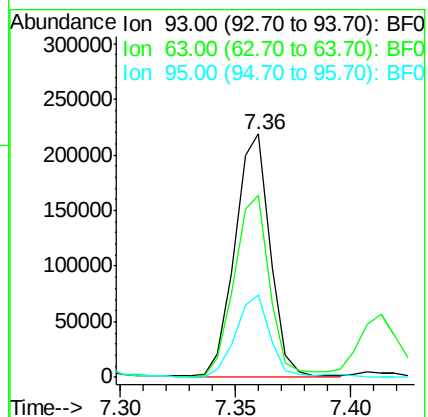
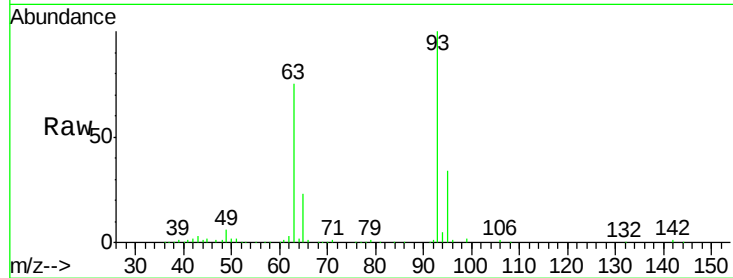
93 100

63 74.7 59.2 99.2

95 33.7 12.8 52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.12 ng

RT: 7.62 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

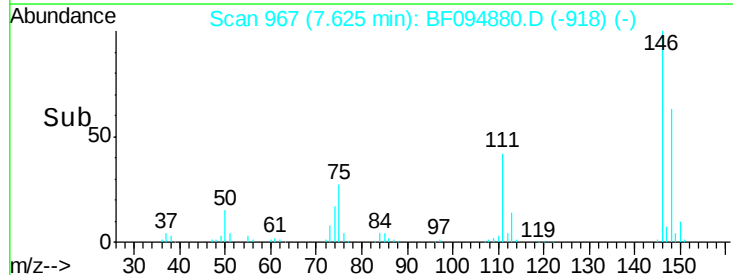
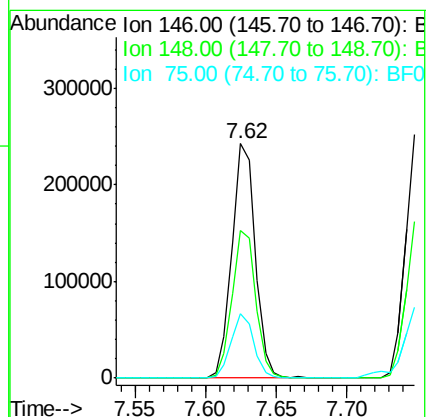
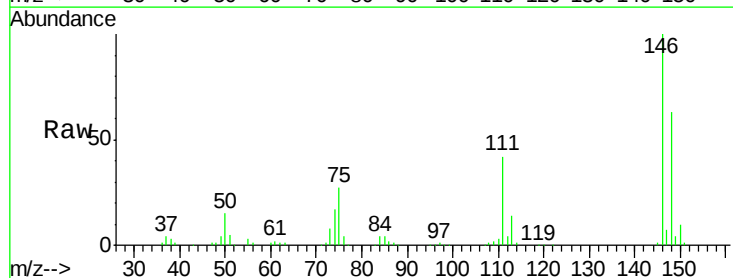
Tgt Ion: 146 Resp: 280625

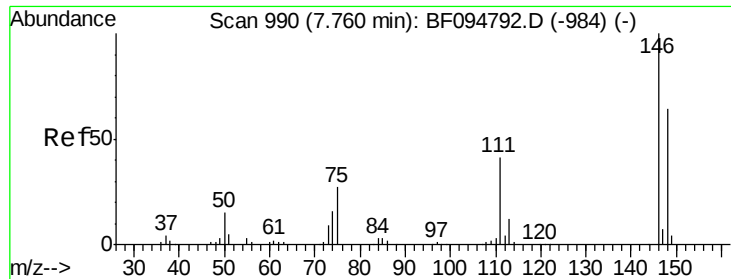
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.6

75 27.4 23.1 34.7





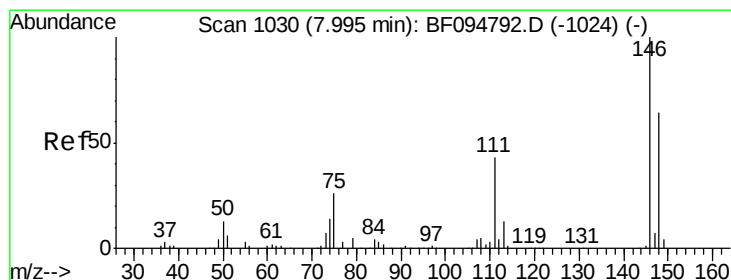
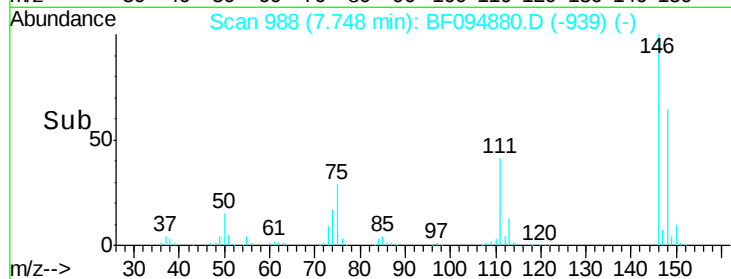
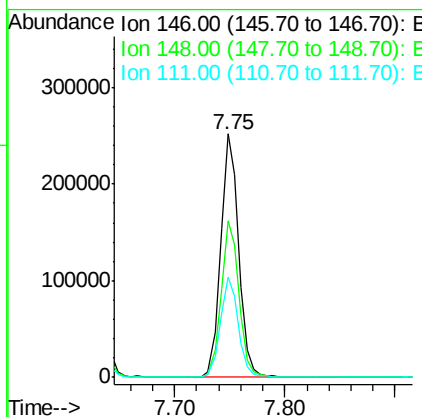
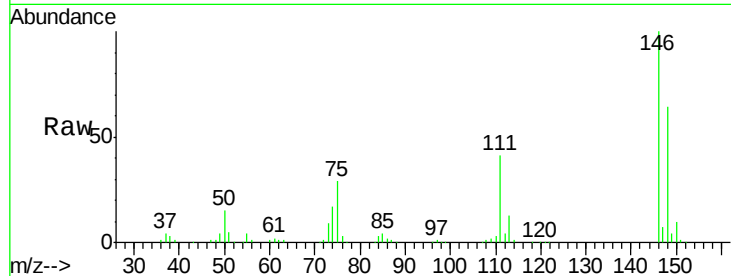
#13
 1,4-Dichlorobenzene
 Concen: 42.30 ng
 RT: 7.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	41.2	30.3	45.5

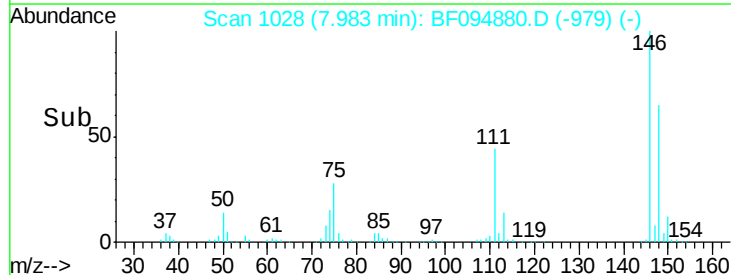
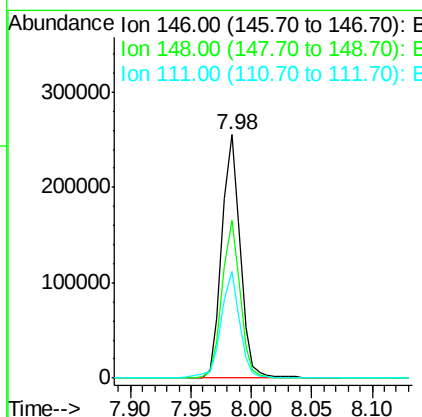
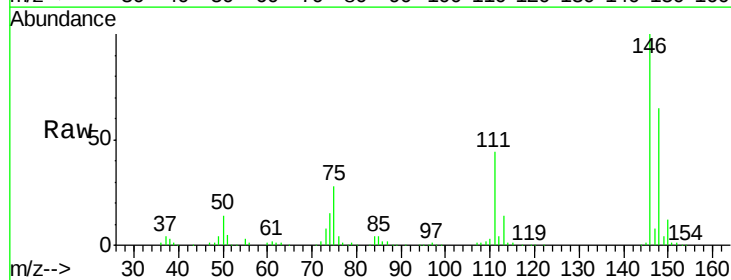
Manual Integrations
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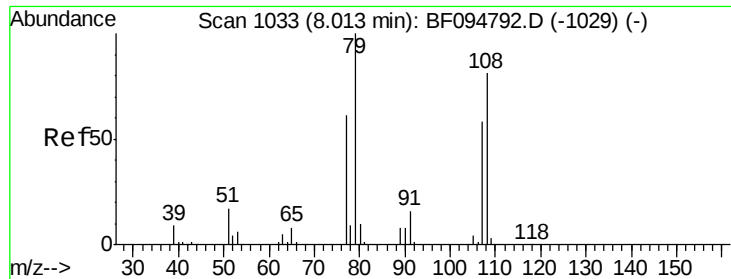
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.73 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.4	75.6
111	43.6	38.2	57.4





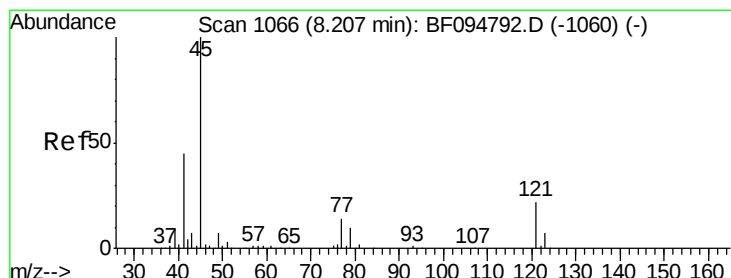
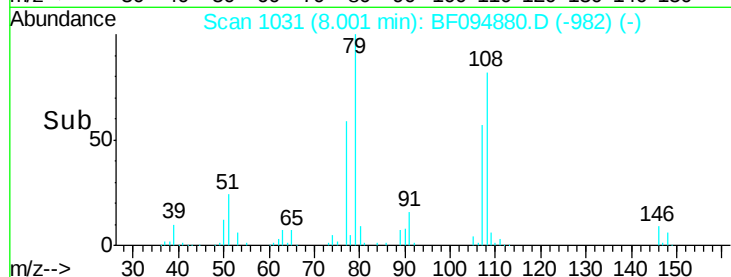
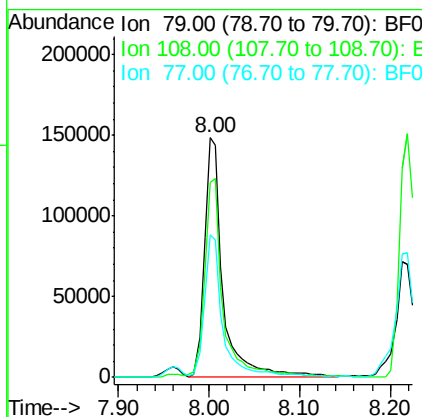
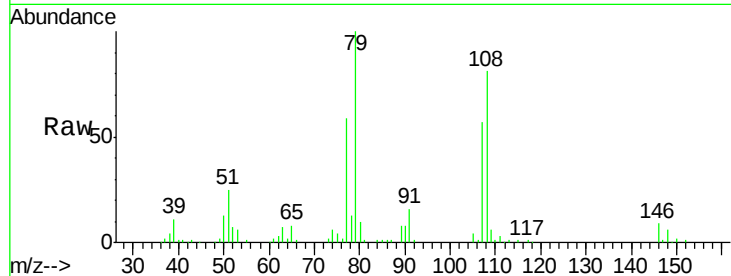
#15
Benzyl Alcohol
Concen: 53.25 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	212058		
108	81.5	63.4	95.0	
77	59.4	49.2	73.8	

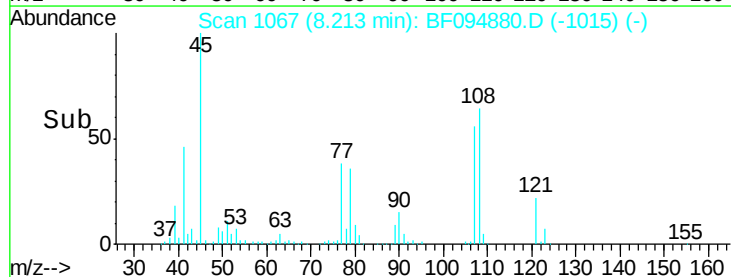
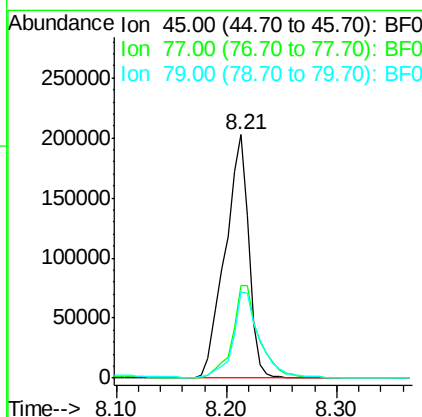
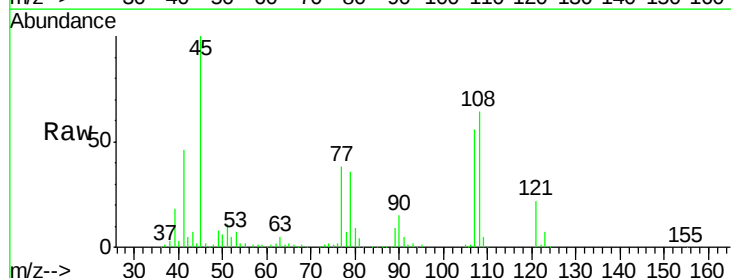
Manual Integrations
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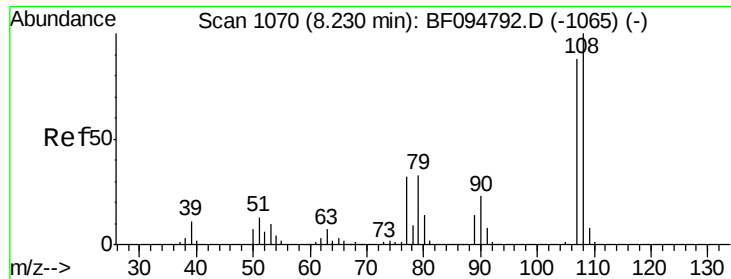
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.90 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	304174		
77	37.8	0.0	33.2#	
79	35.5	0.0	30.0#	





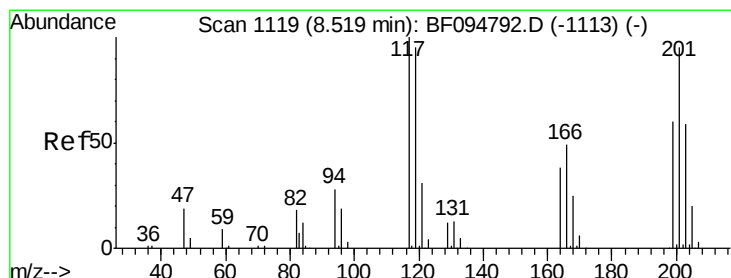
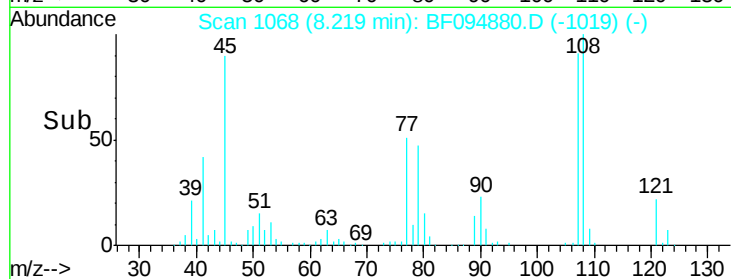
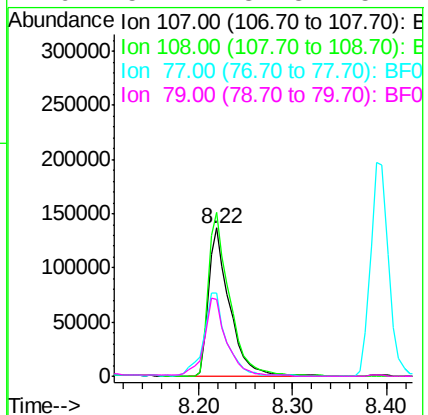
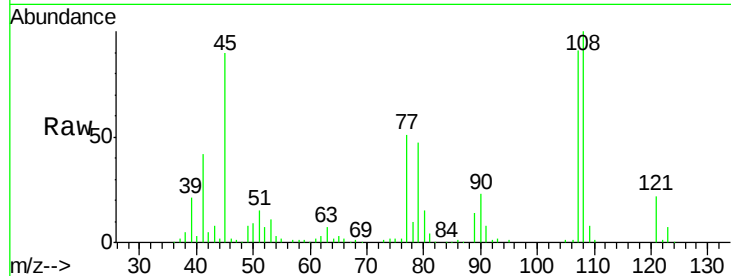
#17
2-Methylphenol
Concen: 44.85 ng
RT: 8.22 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	93.4	140.0	
77	56.2	35.8	53.6	
79	51.4	34.8	52.2	

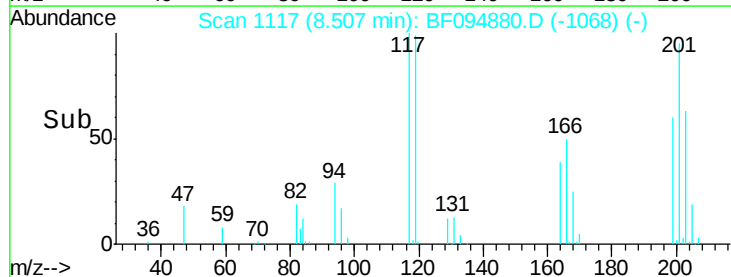
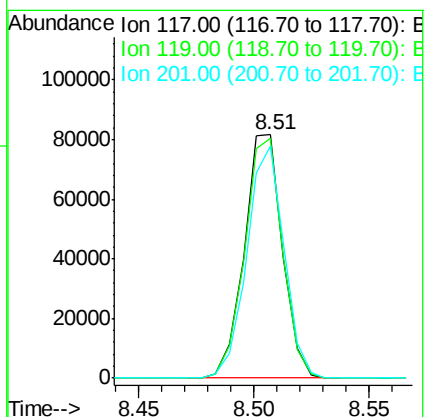
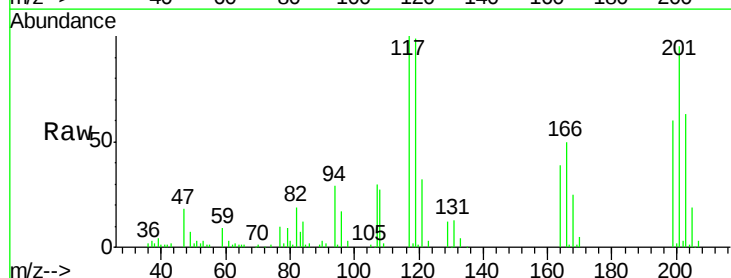
Manual Integrations
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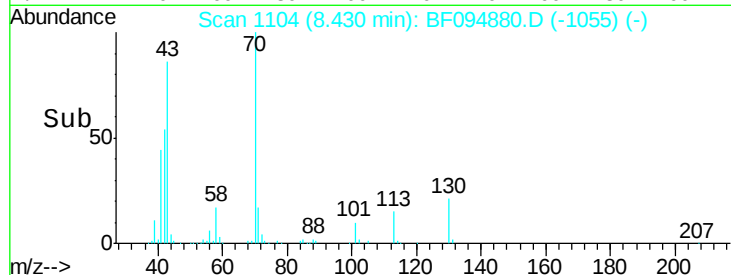
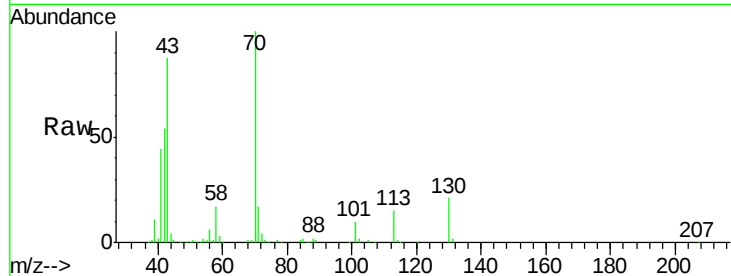
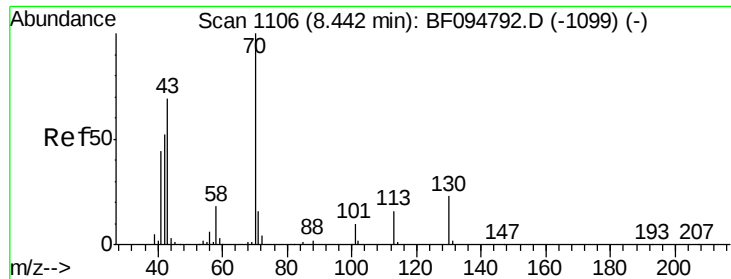
mohammad
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#18
Hexachloroethane
Concen: 41.20 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	77.4	116.0	
201	95.2	94.6	141.8	





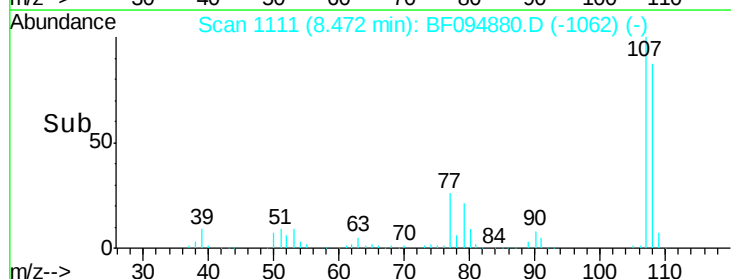
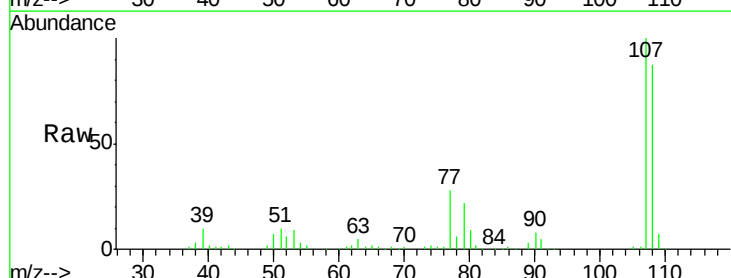
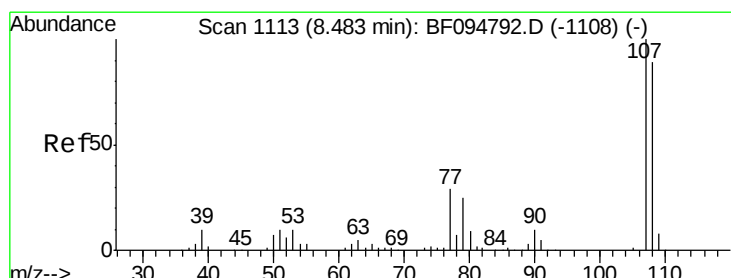
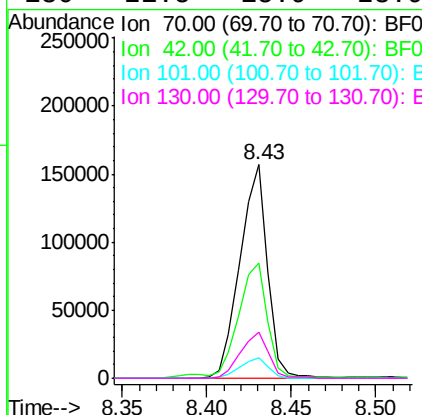
#19
n-Nitroso-di-n-propylamine
Concen: 42.78 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.2	70.8
101	9.7	7.2	10.8
130	21.5	15.9	23.9

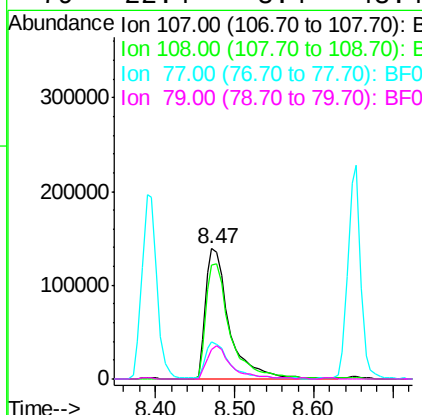
Manual Integrations
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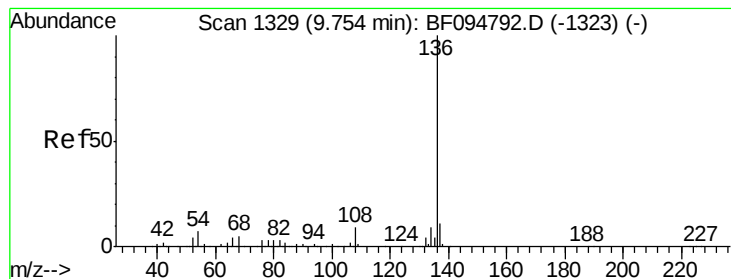
mohammad
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#20
3+4-Methylphenols
Concen: 44.83 ng
RT: 8.47 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	71.0	111.0
77	28.2	90.5	130.5#
79	22.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

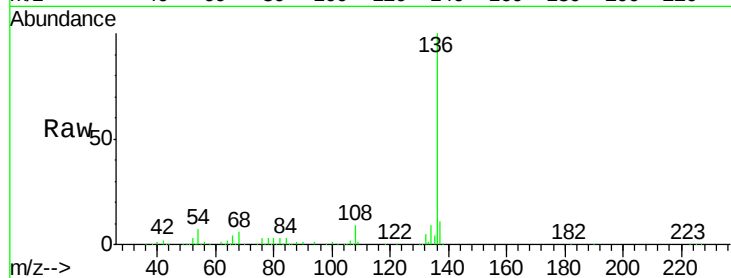
ClientSampleId :

PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	346489		
137	10.8	8.5	12.7	
54	6.5	4.9	7.3	
68	5.5	4.1	6.1	

Manual Integrations
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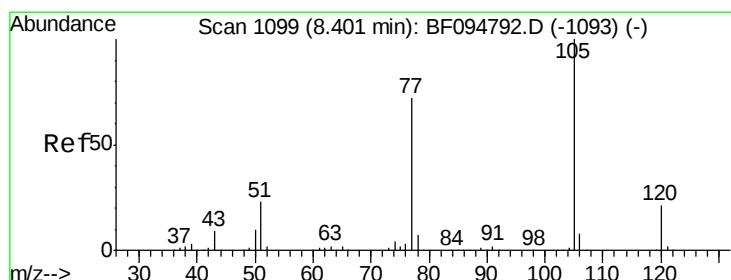
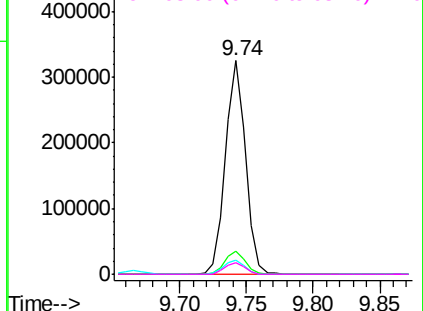
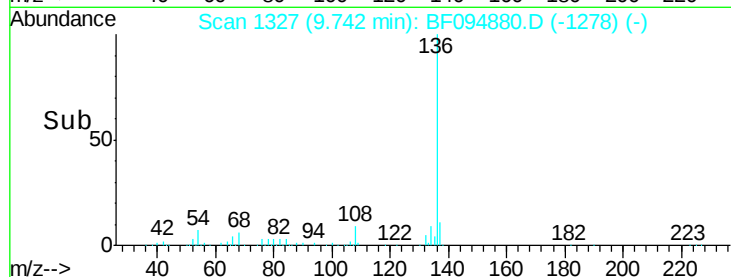


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.66 ng

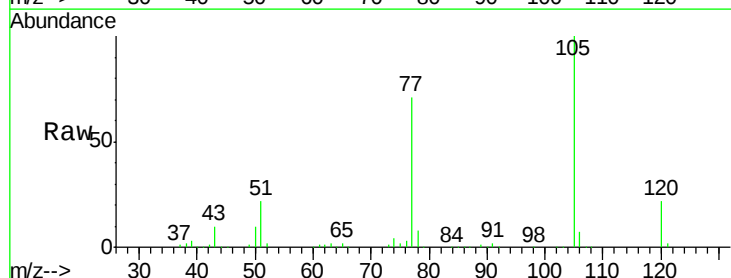
RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	362987		
71	0.0	2.8	4.2#	
51	22.5	30.7	46.1#	
120	22.0	17.4	26.0	

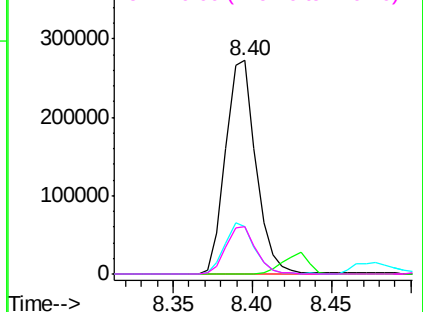
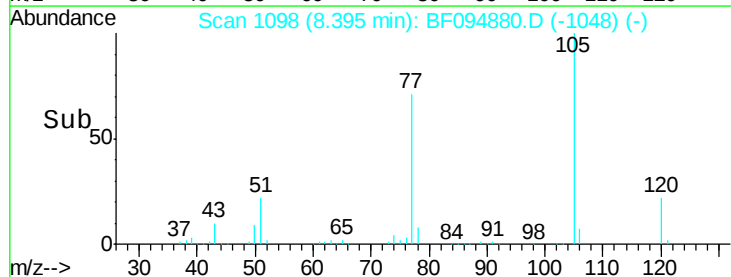


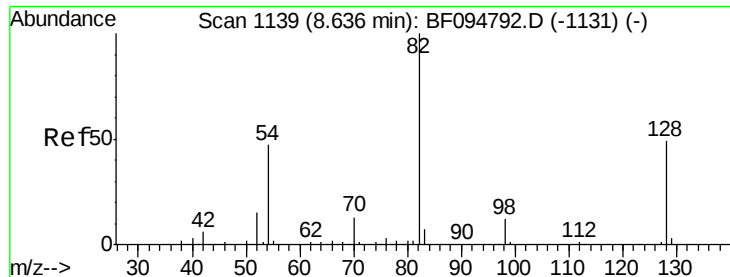
Abundance Ion 105.00 (104.70 to 105.70): E

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





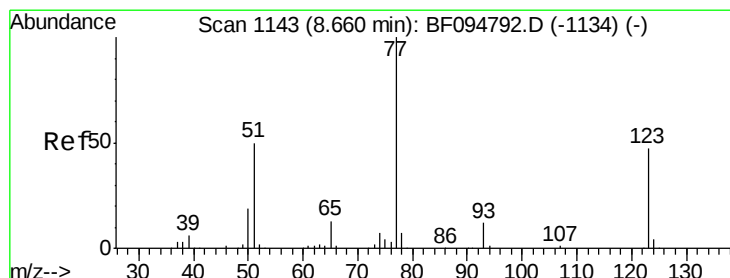
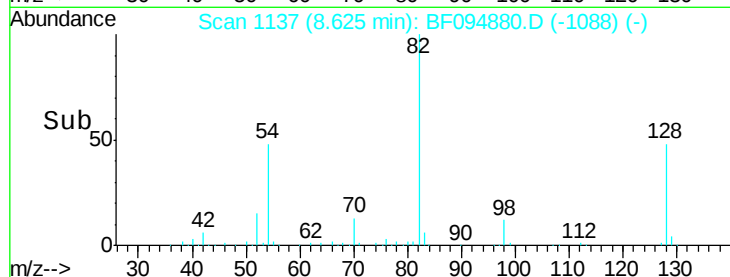
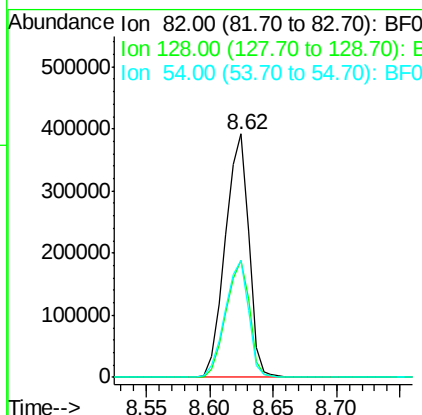
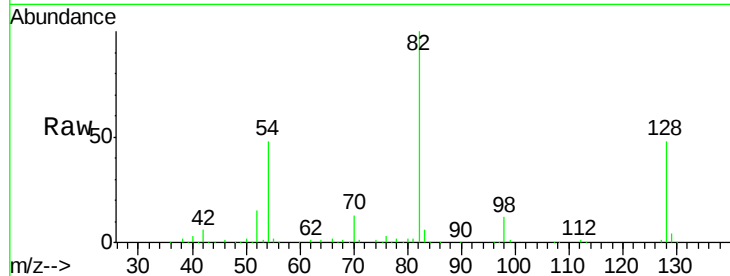
#23
 Nitrobenzene-d5
 Concen: 91.42 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleID :
 PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	502333		
128	47.8	34.0	51.0	
54	48.0	42.2	63.2	

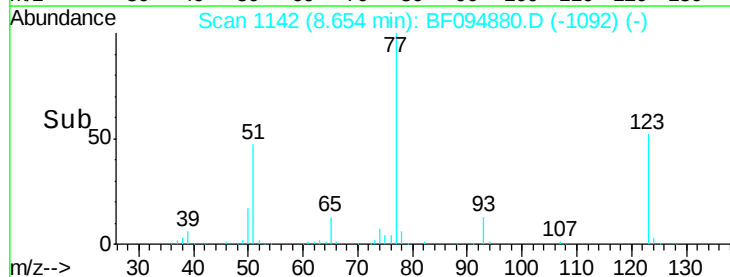
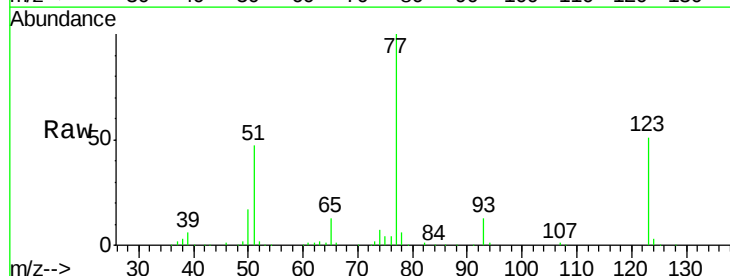
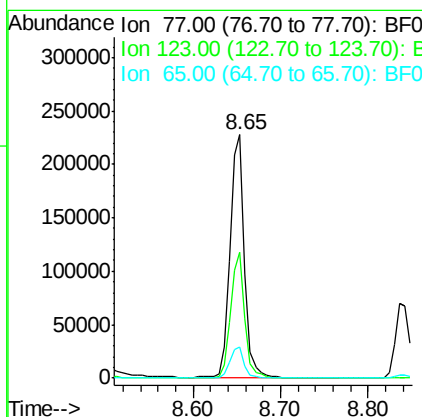
Manual Integrations
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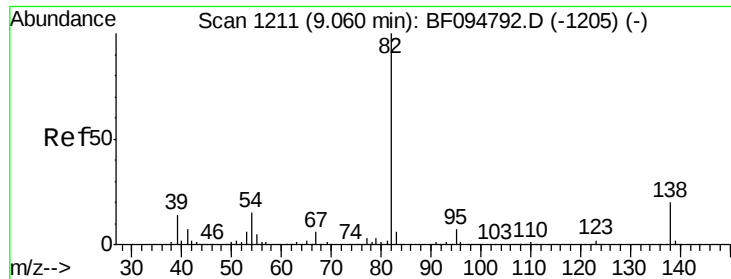
mohammad
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#24
 Nitrobenzene
 Concen: 45.10 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	259739		
123	51.5	35.8	53.8	
65	13.0	10.6	15.8	





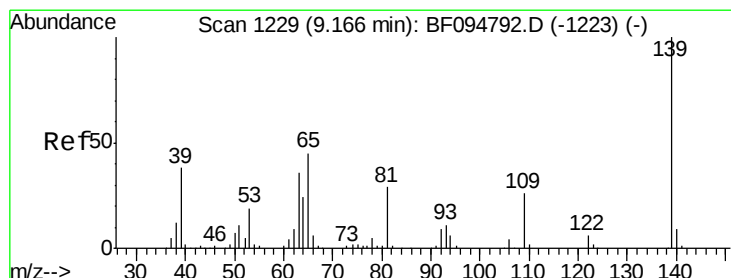
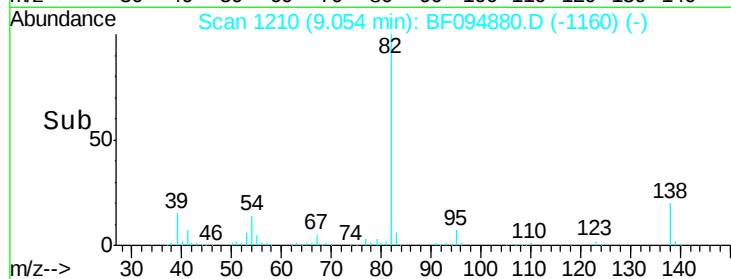
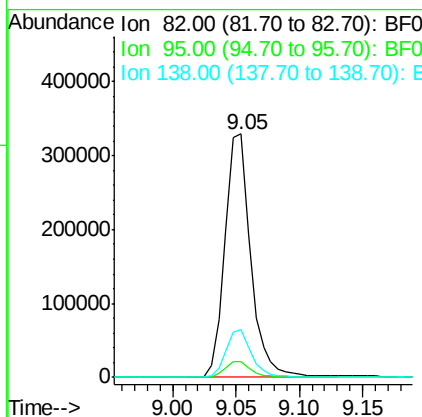
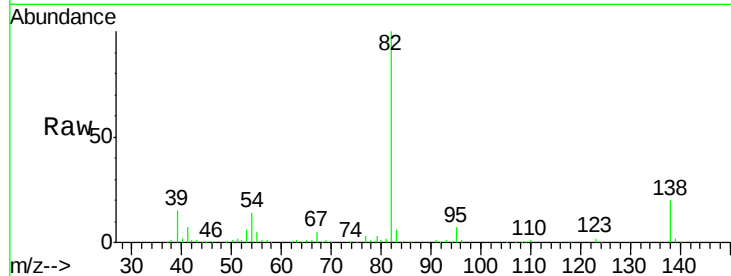
#25
Isophorone
Concen: 47.53 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	466322		
95	6.6	5.3	7.9	
138	19.8	13.1	19.7	

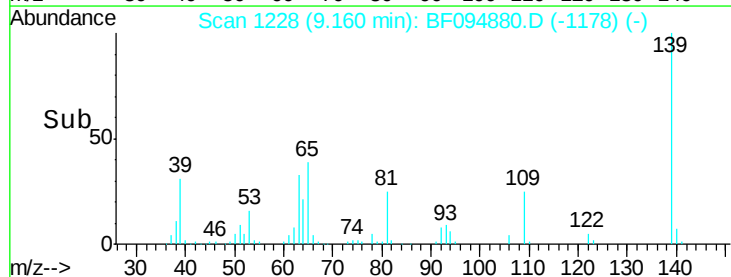
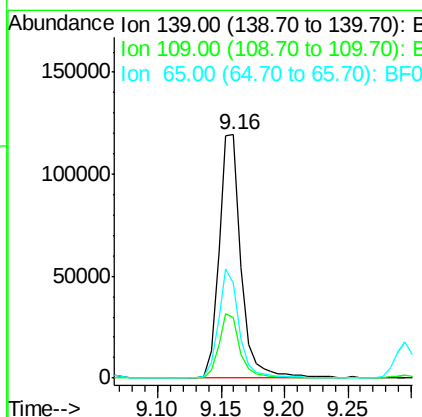
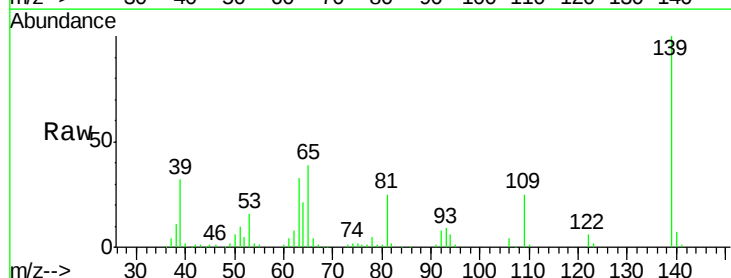
Manual Integrations
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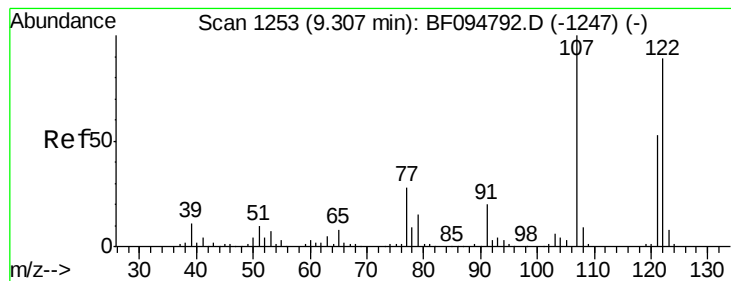
mohammad
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#26
2-Nitrophenol
Concen: 46.75 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	145288		
109	24.9	21.0	31.6	
65	38.8	33.0	49.6	





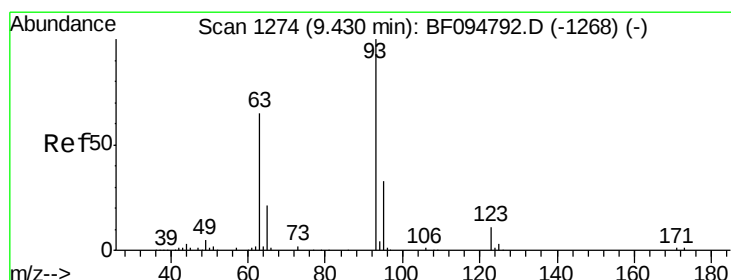
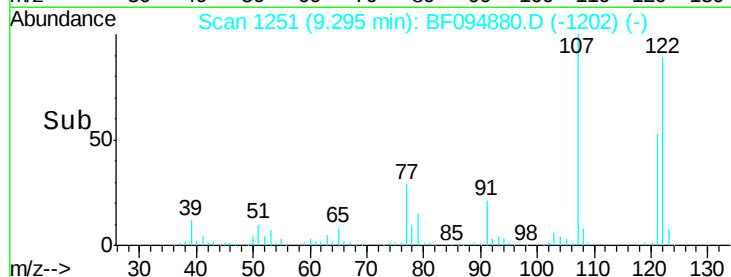
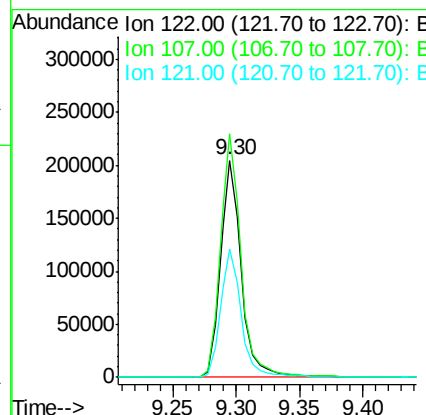
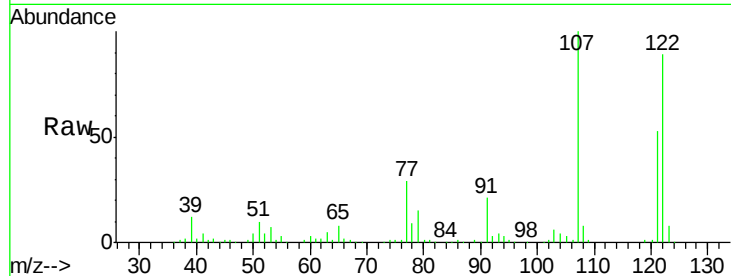
#27
 2,4-Dimethylphenol
 Concen: 47.12 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	236735		
107	112.2	89.2	133.8	
121	59.1	45.2	67.8	

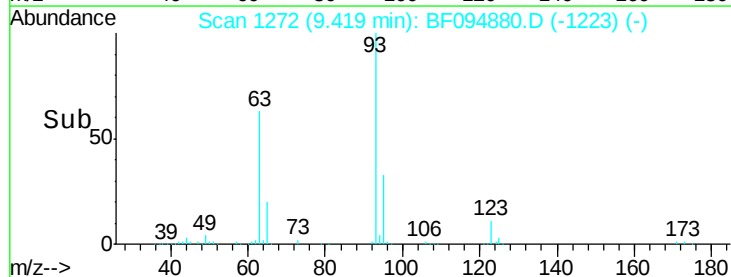
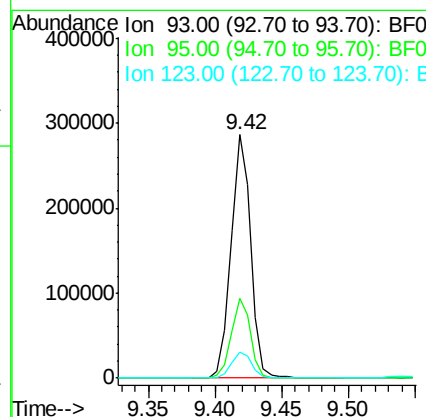
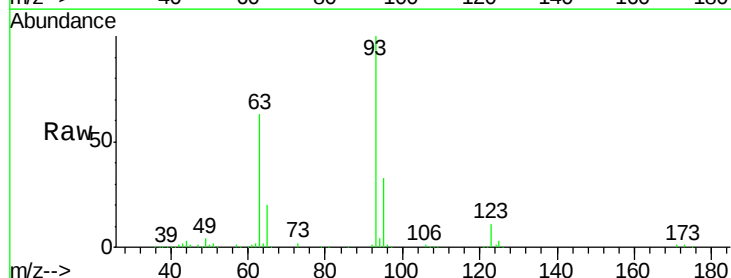
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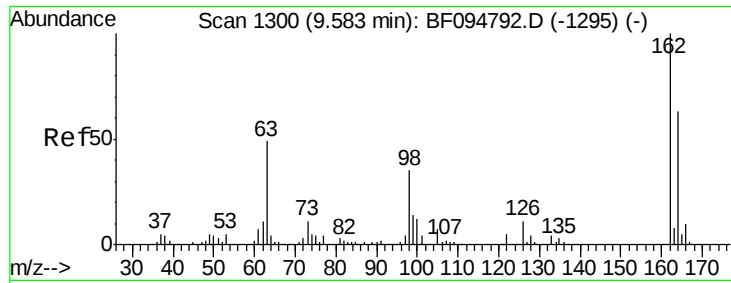
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.04 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	298951		
95	32.6	26.5	39.7	
123	10.7	9.0	13.4	





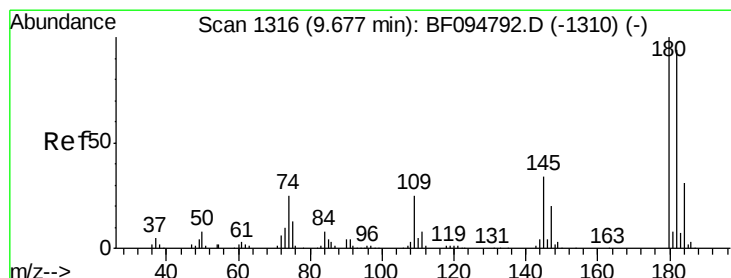
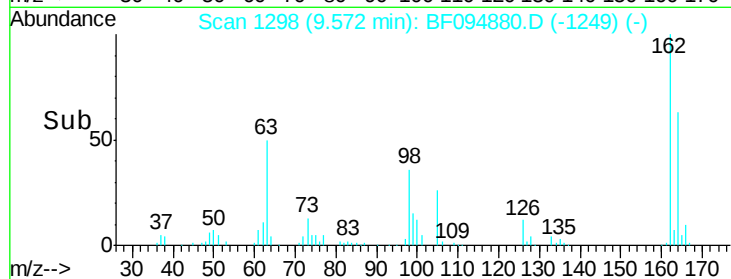
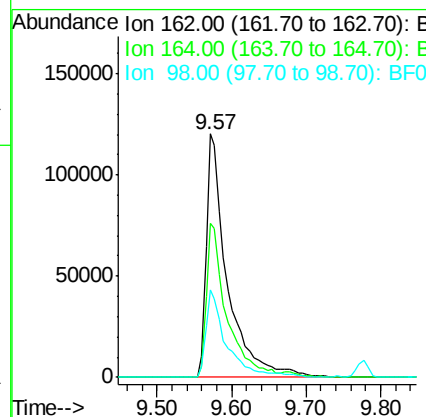
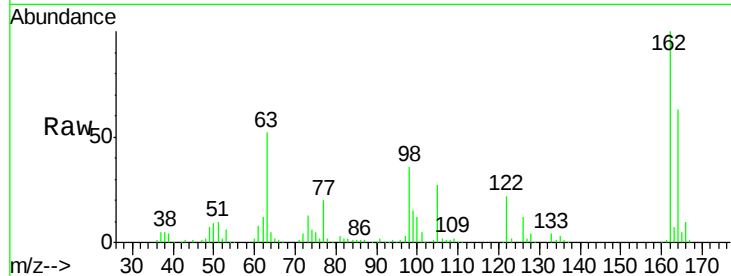
#29
 2,4-Dichlorophenol
 Concen: 49.76 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	236088		
164	63.3	44.6	84.6	
98	36.0	14.8	54.8	

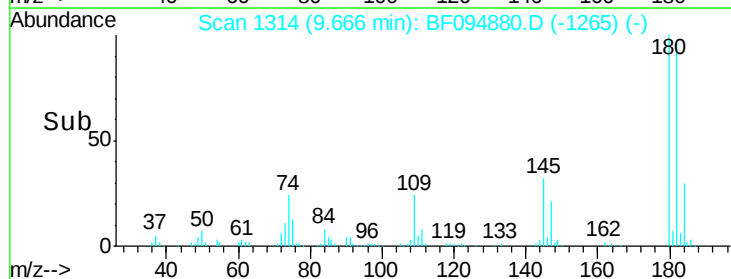
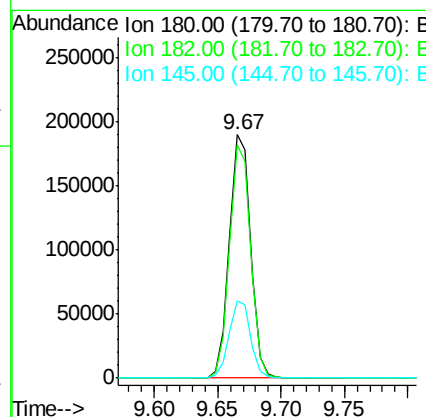
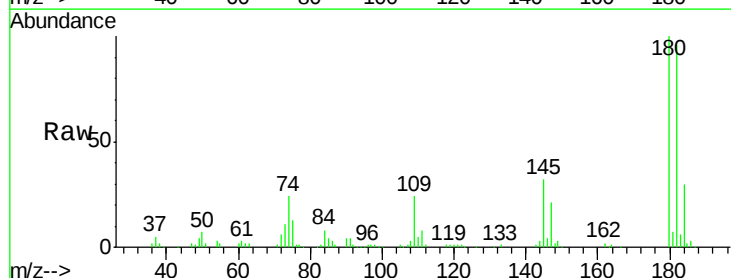
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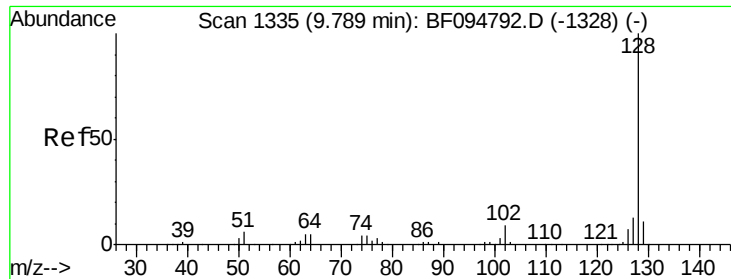
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.44 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	220782		
182	95.8	75.8	113.6	
145	32.0	25.3	37.9	





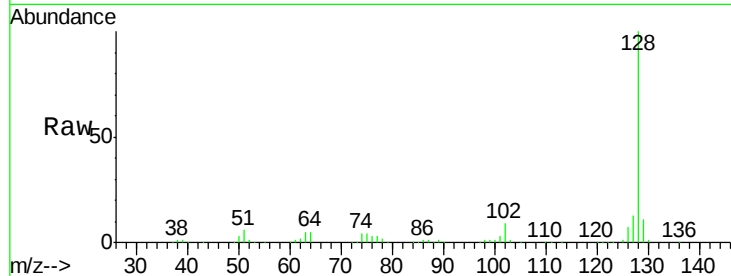
#31
Naphthalene
Concen: 43.25 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

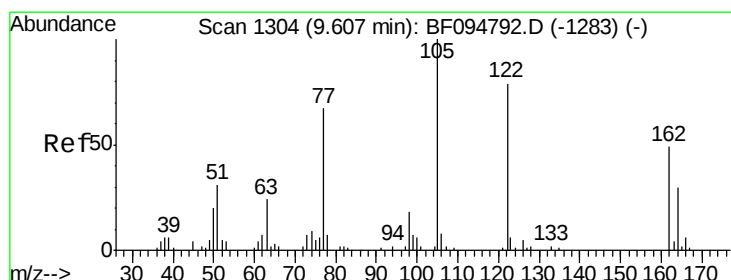
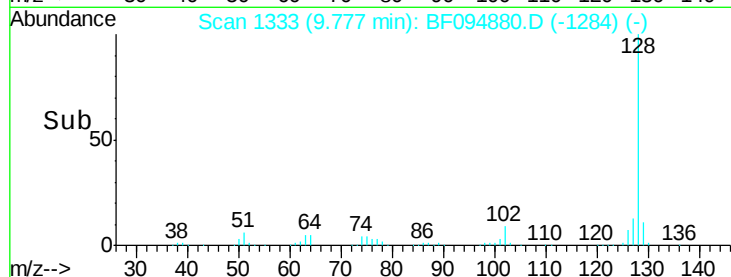
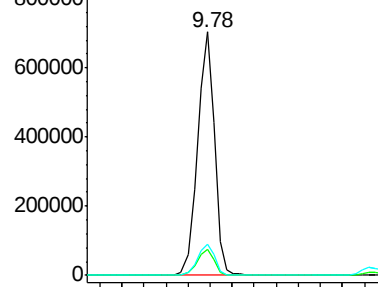
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	753220		
129	10.5		9.0	13.6
127	13.0		10.8	16.2

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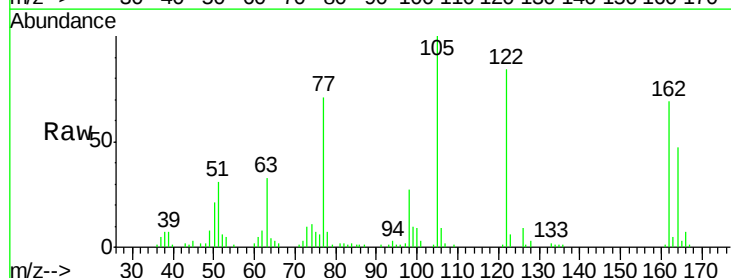


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

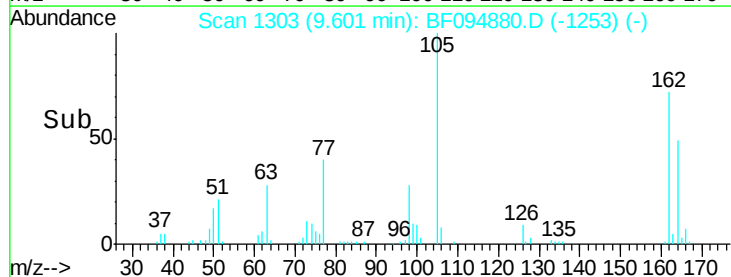
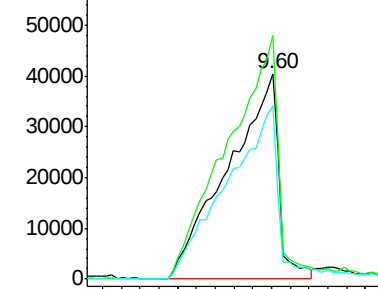


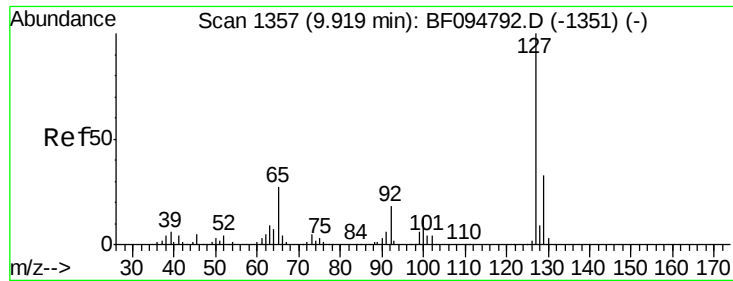
#32
Benzoic acid
Concen: 45.84 ng
RT: 9.60 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	150375		
105	118.6		103.3	143.3
77	84.3		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





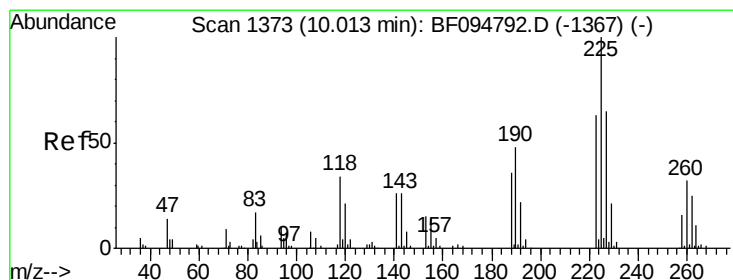
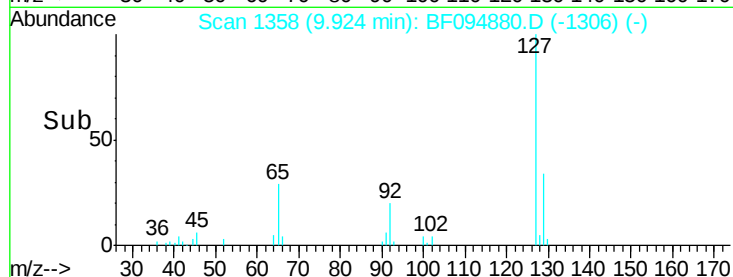
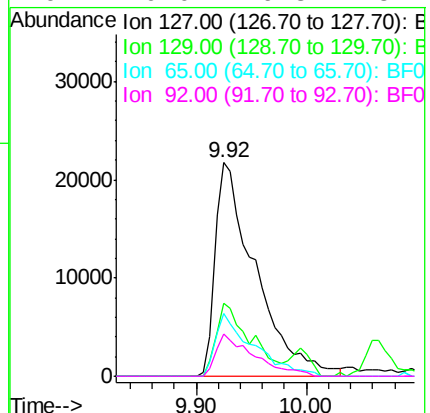
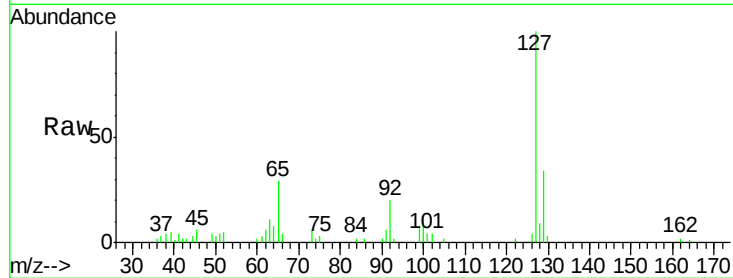
#33
4-Chloroaniline
Concen: 8.48 ng
RT: 9.92 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	55009		
129	34.3	26.2	39.2	
65	29.1	27.8	41.8	
92	20.0	16.8	25.2	

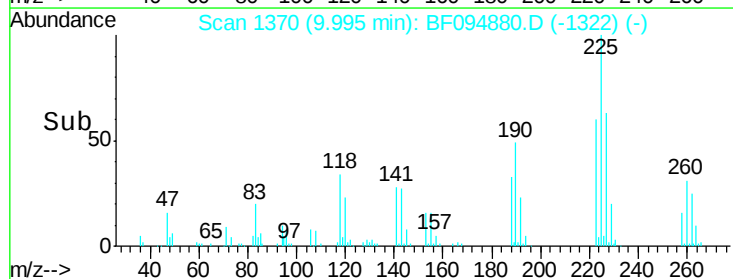
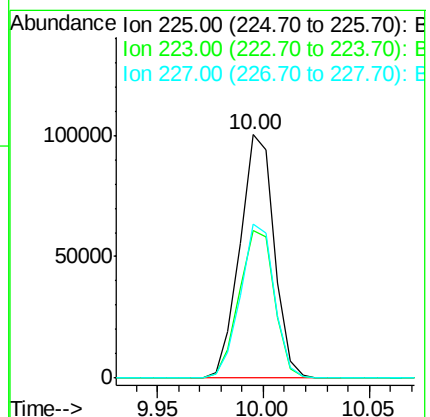
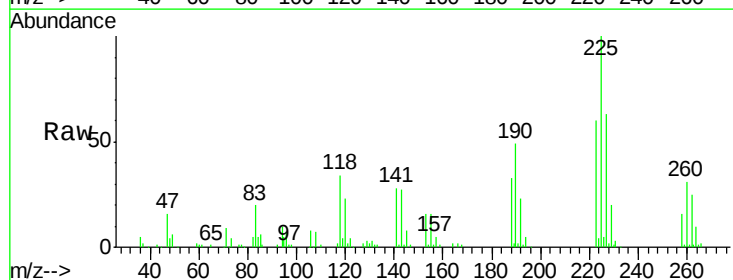
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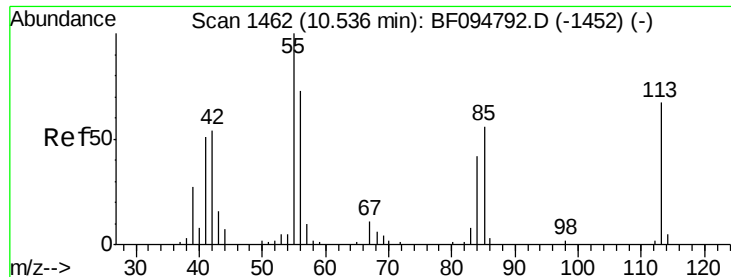
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#34
Hexachlorobutadiene
Concen: 42.00 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112633		
223	60.4	48.8	73.2	
227	63.3	51.1	76.7	





#35

Caprolactam

Concen: 55.18 ng m

RT: 10.54 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

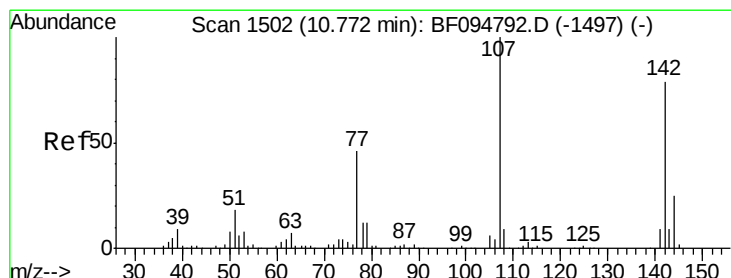
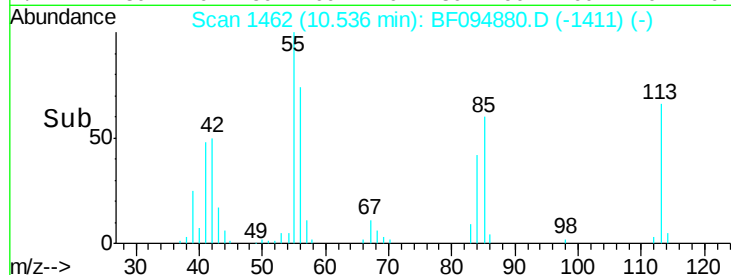
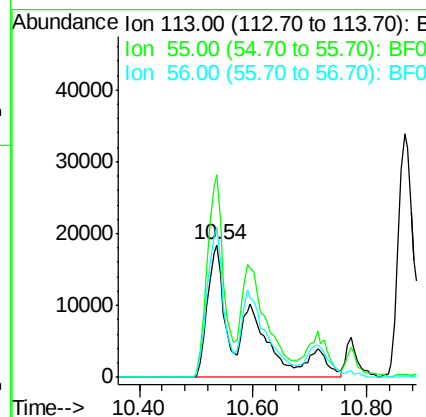
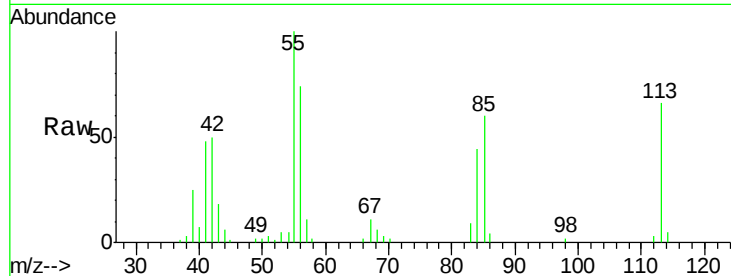
ClientSampleId :

PB98591BS

Tgt Ion:113 Resp: 78607
 Ion Ratio Lower Upper
 113 100
 55 152.6 150.2 190.2
 56 113.0 107.8 147.8

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#36

4-Chloro-3-methylphenol

Concen: 50.03 ng

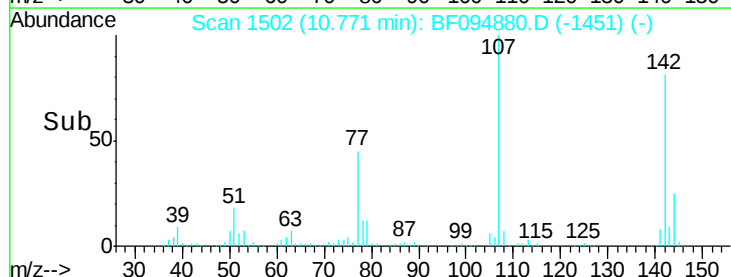
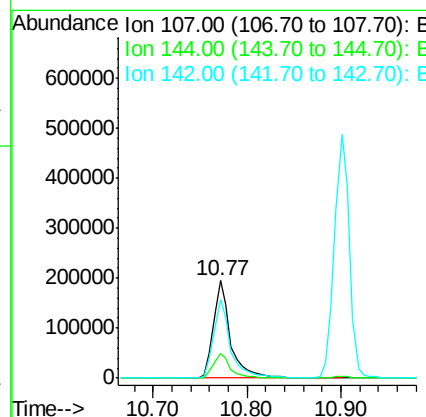
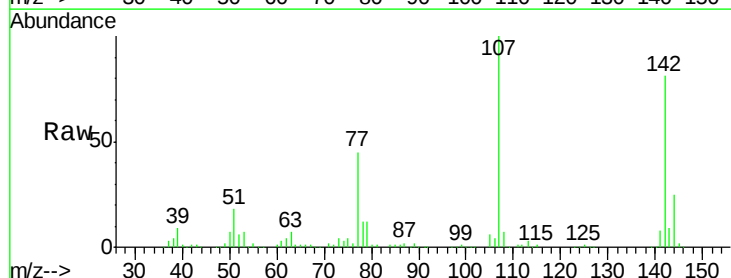
RT: 10.77 min Scan# 1502

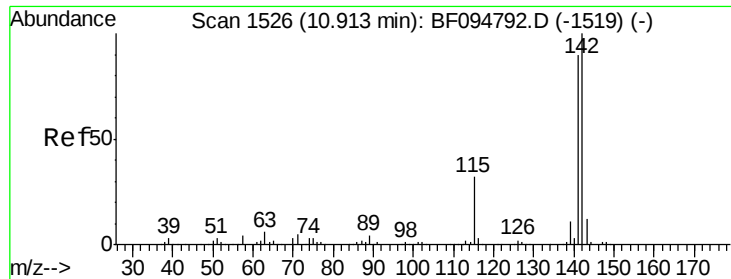
Delta R.T. -0.00 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion:107 Resp: 253779
 Ion Ratio Lower Upper
 107 100
 144 25.0 24.2 36.4
 142 80.5 73.4 110.0





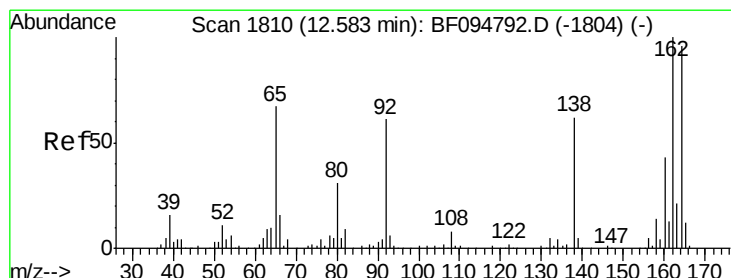
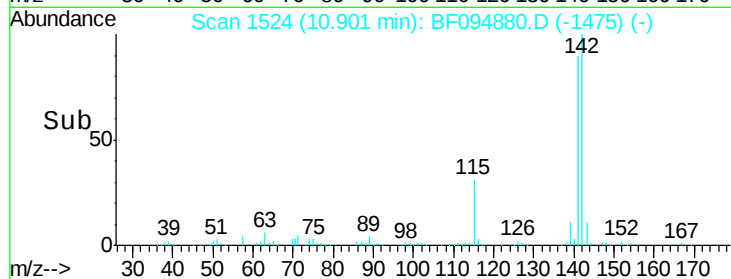
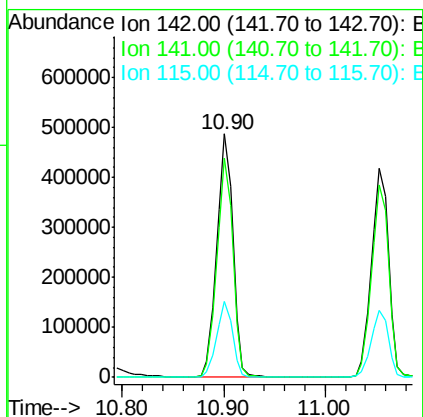
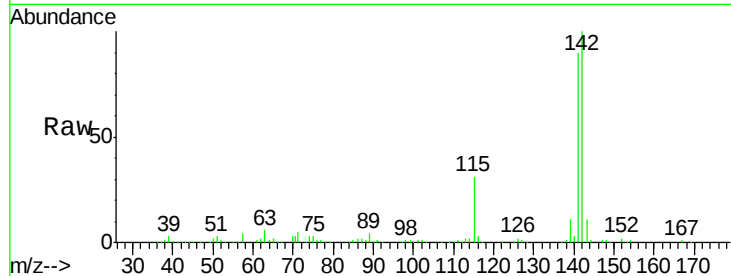
#37
2-Methylnaphthalene
Concen: 47.78 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	31.2	27.1	40.7

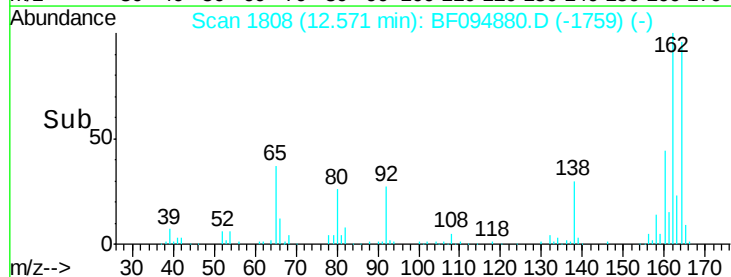
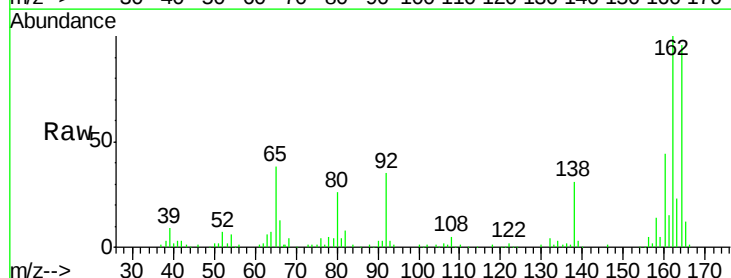
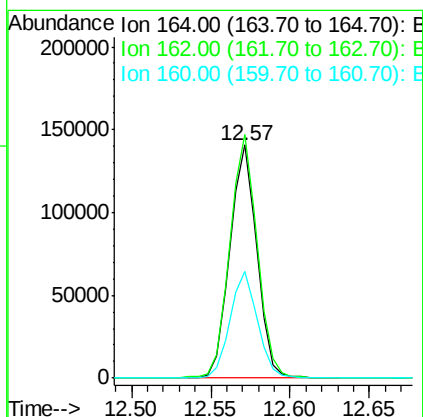
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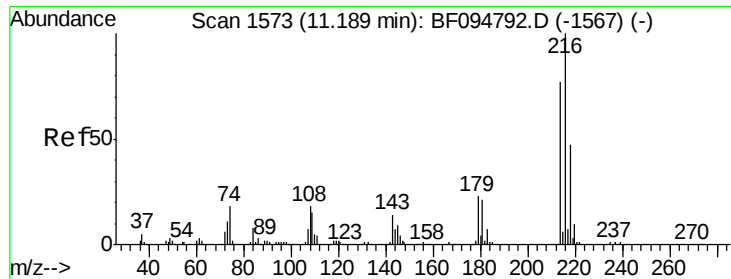
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	45.8	36.2	54.2





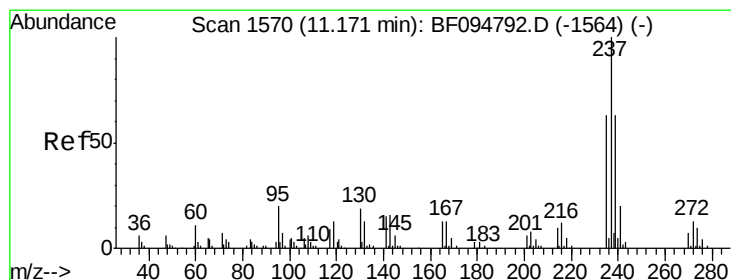
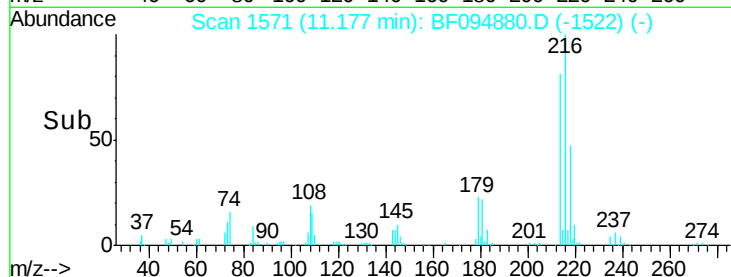
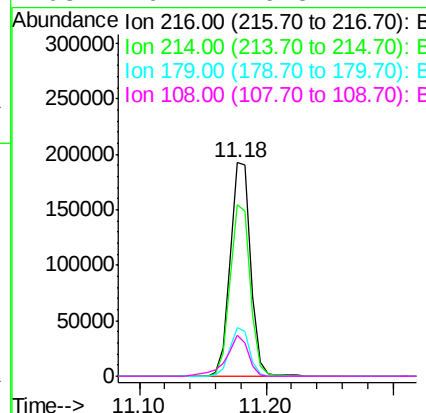
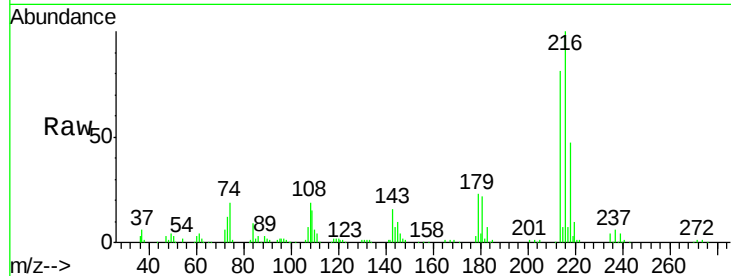
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.79 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	212754		
214	79.5	63.4	95.2	
179	22.1	17.9	26.9	
108	20.7	16.5	24.7	

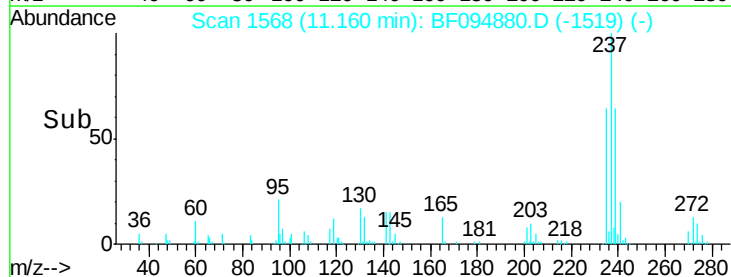
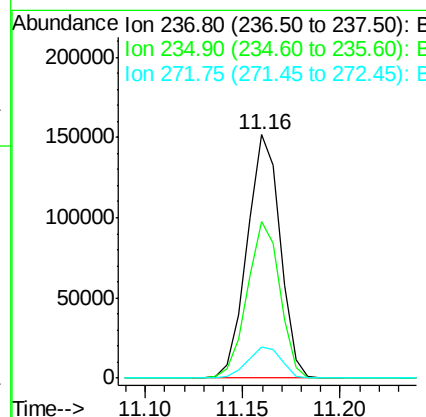
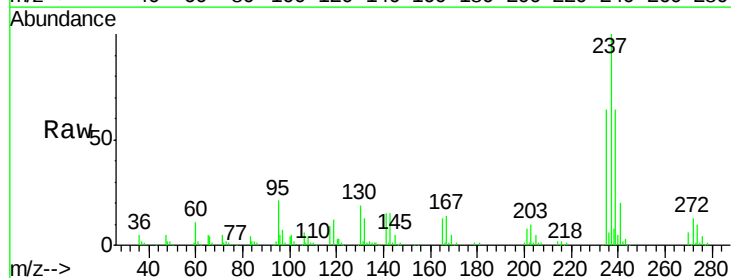
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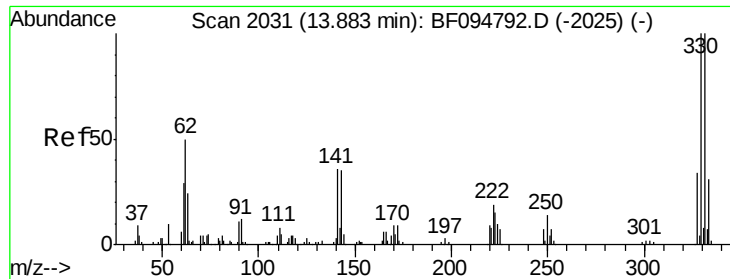
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#40
 Hexachlorocyclopentadiene
 Concen: 82.73 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	177520		
235	64.1	42.6	82.6	
272	12.7	0.0	31.9	





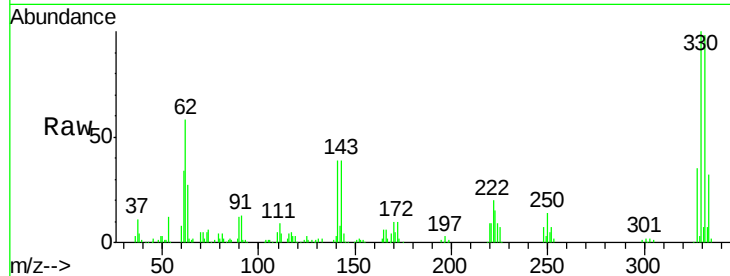
#41
 2,4,6-Tribromophenol
 Concen: 146.08 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	198043		
332	96.4	76.6	115.0	
141	39.8	31.4	47.2	

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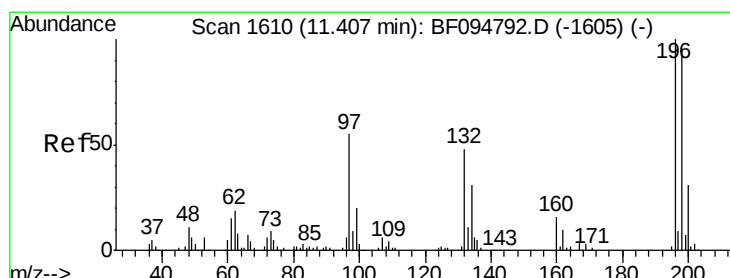
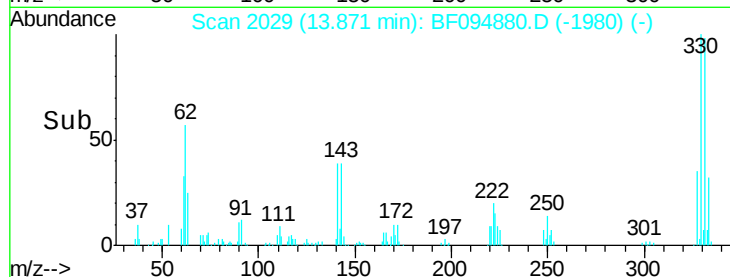
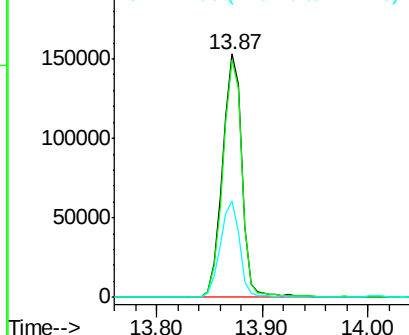


Abundance

Ion 329.80 (329.50 to 330.50): E

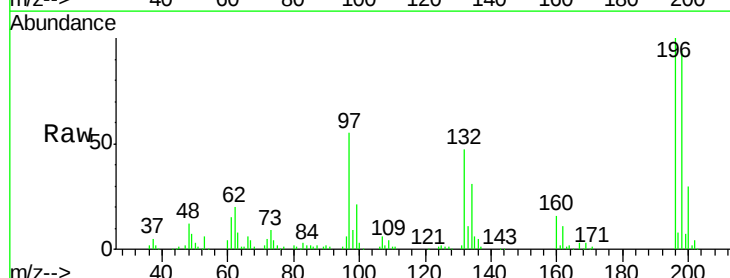
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.77 ng
 RT: 11.39 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155565		
198	93.8	74.2	111.4	
200	30.1	24.0	36.0	

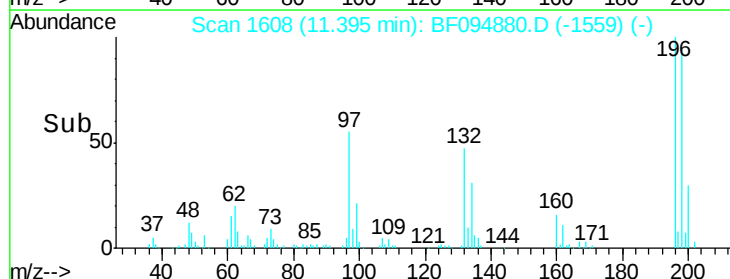
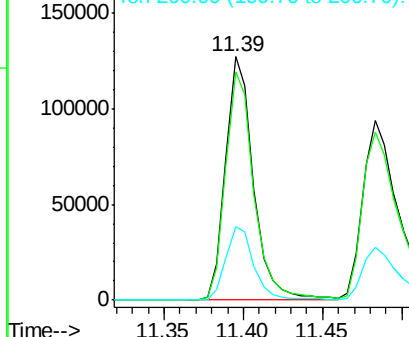


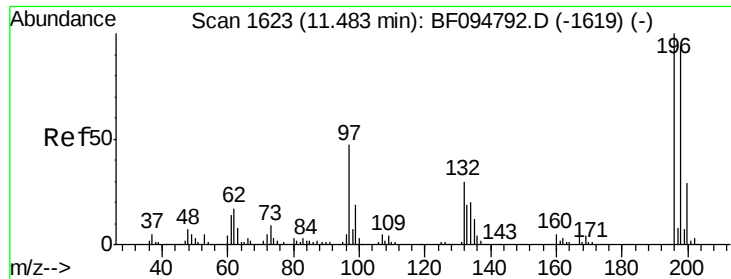
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





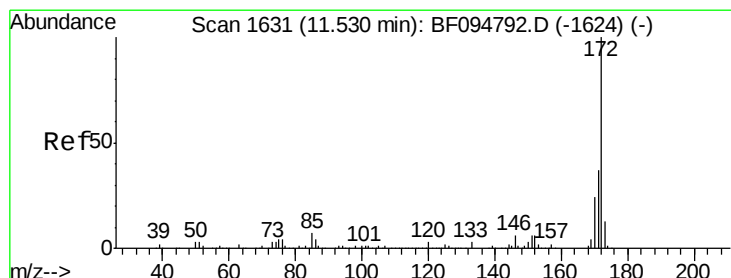
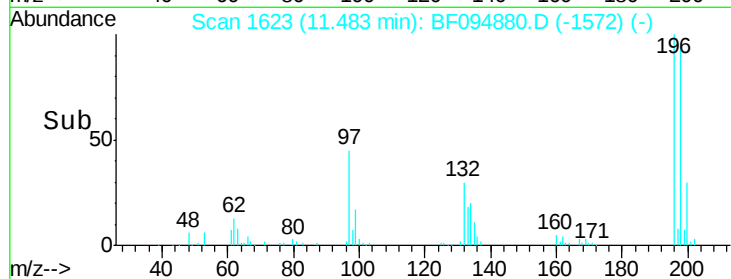
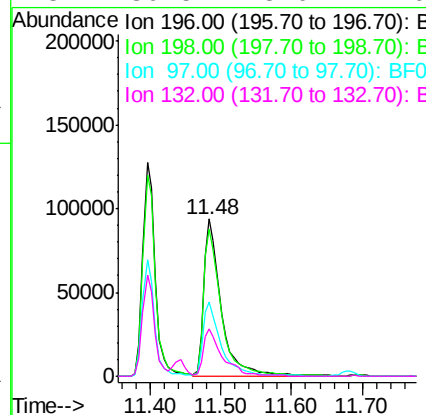
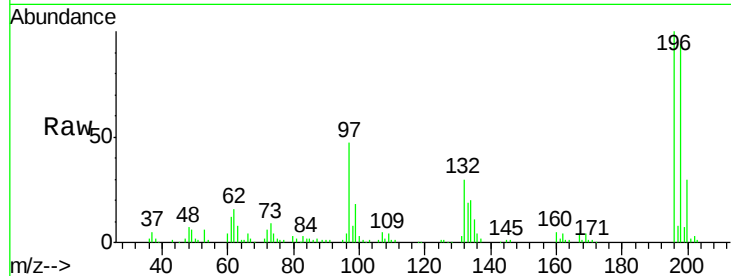
#43
 2,4,5-Trichlorophenol
 Concen: 44.79 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163612		
198	94.0	75.7	113.5	
97	47.3	47.7	71.5#	
132	30.5	28.0	42.0	

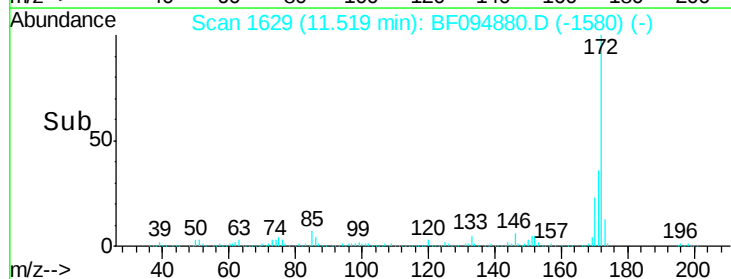
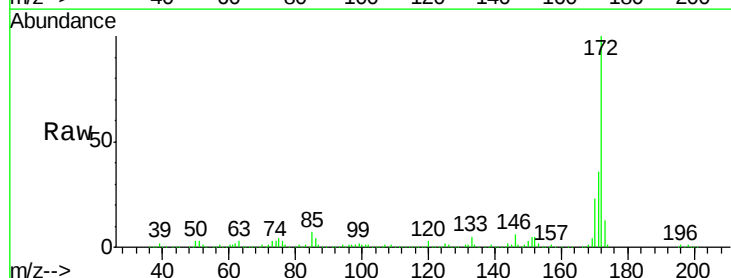
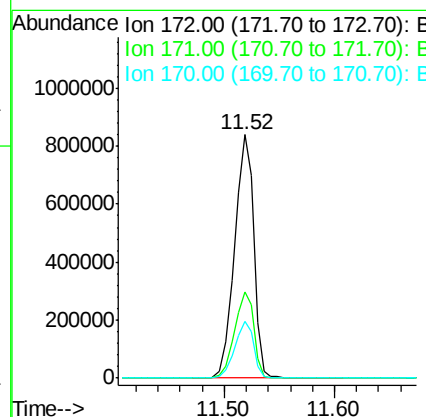
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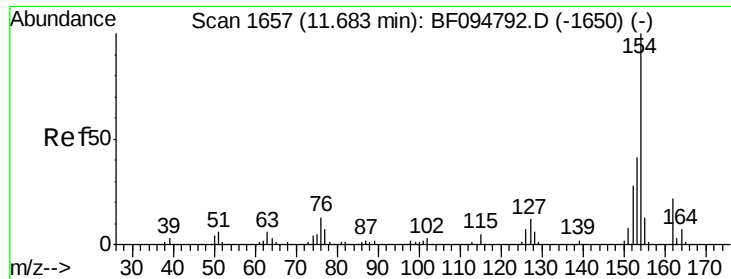
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 89.34 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1027429		
171	35.7	29.6	44.4	
170	23.5	19.8	29.8	





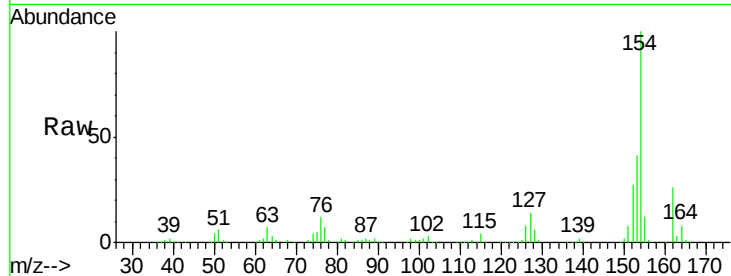
#45
1,1'-Biphenyl
Concen: 43.12 ng
RT: 11.67 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

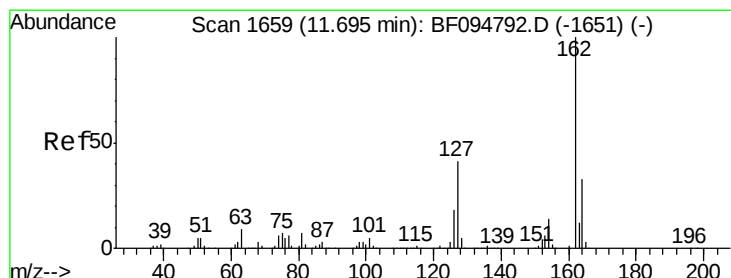
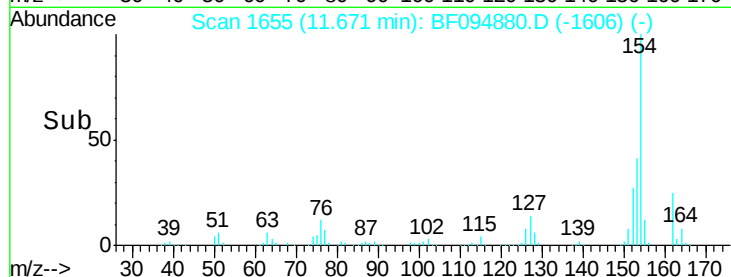
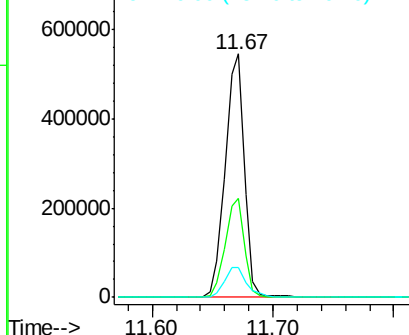
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	600936		
153	40.5	21.2	61.2	
76	12.2	0.0	29.9	

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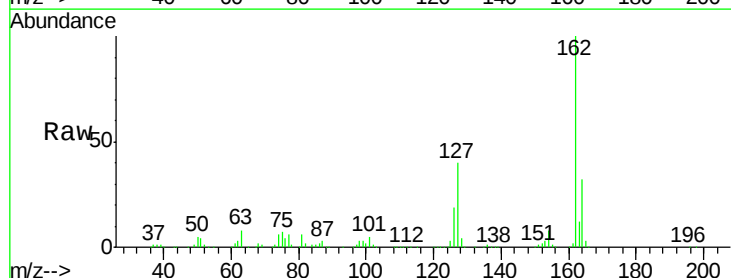


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

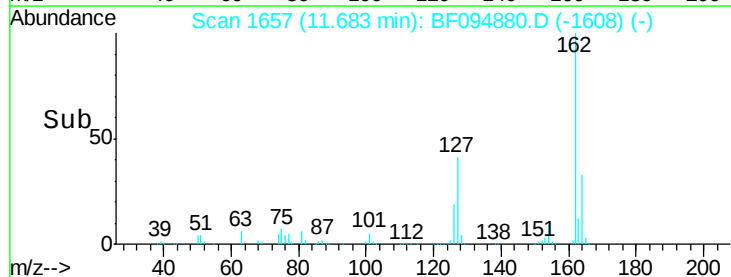
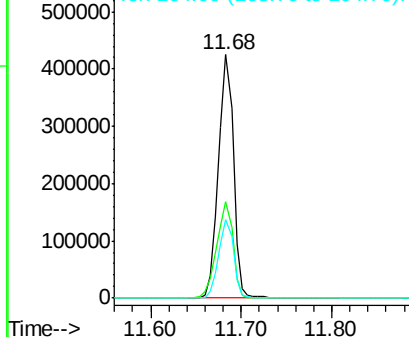


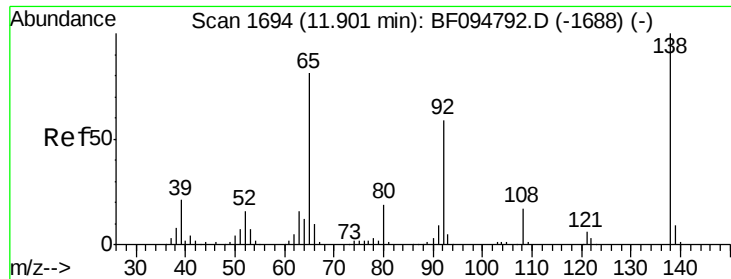
#46
2-Chloronaphthalene
Concen: 43.09 ng
RT: 11.68 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	484879		
127	39.8	28.3	42.5	
164	32.1	27.0	40.4	



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





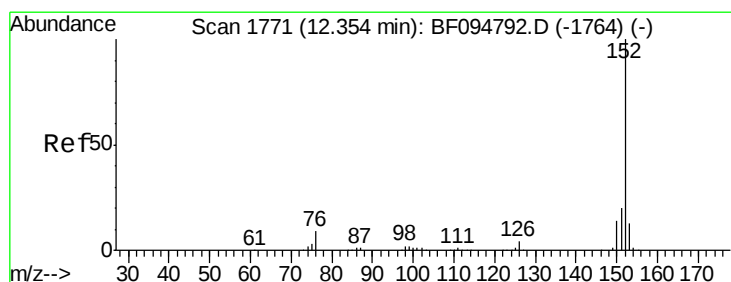
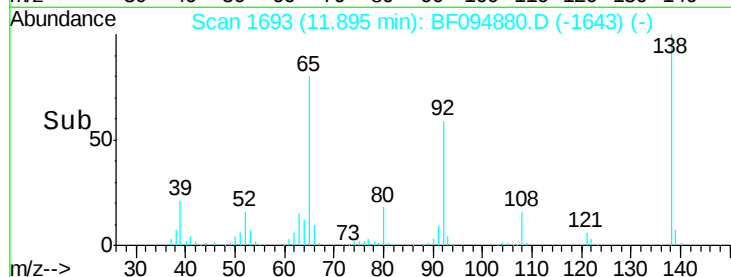
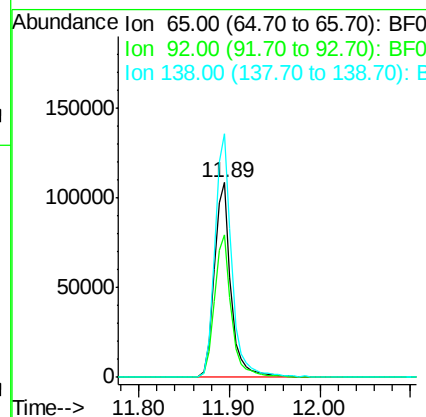
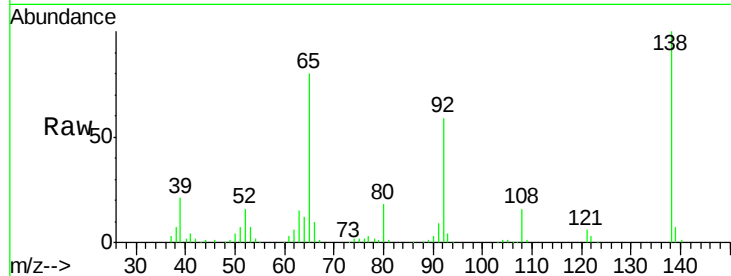
#47
2-Nitroaniline
Concen: 45.61 ng
RT: 11.89 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	53.9	80.9
138	125.2	78.8	118.2

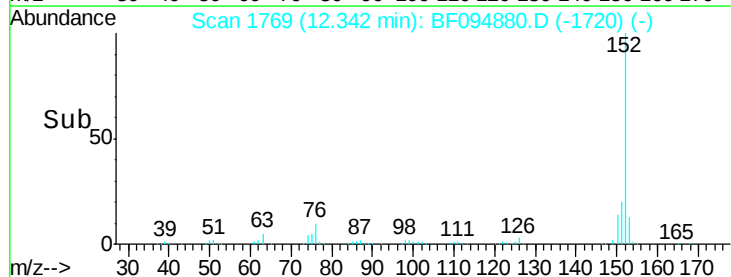
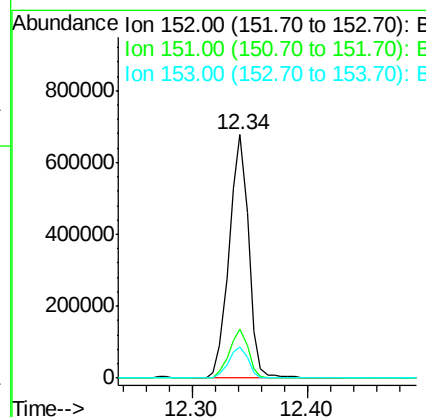
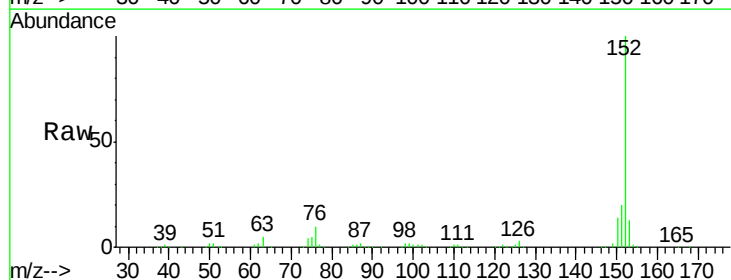
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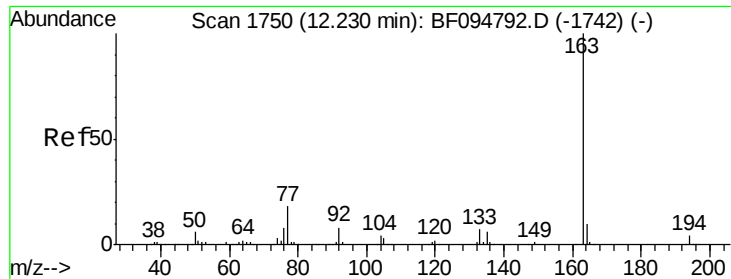
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#48
Acenaphthylene
Concen: 44.77 ng
RT: 12.34 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	12.8	10.8	16.2





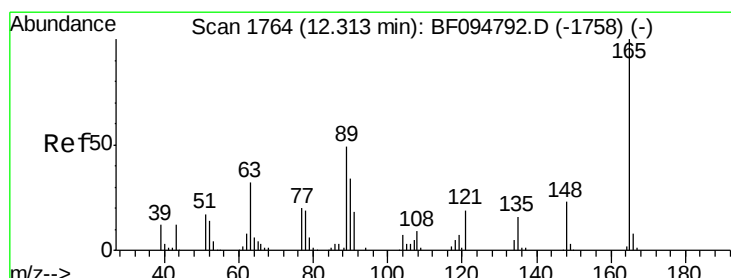
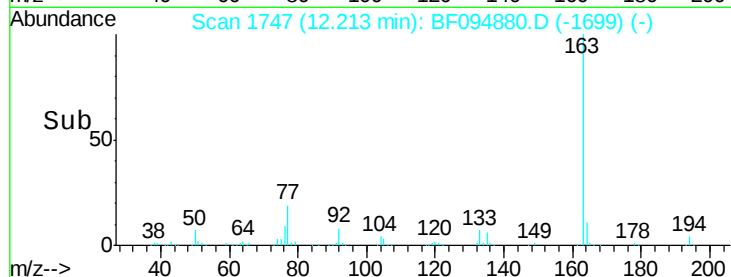
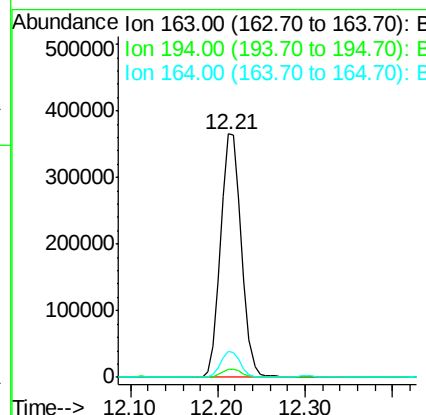
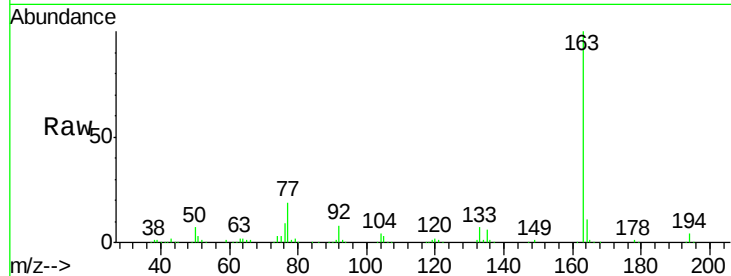
#49
Dimethylphthalate
Concen: 44.27 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	601674		
194	3.6	2.6	4.0	
164	10.8	8.4	12.6	

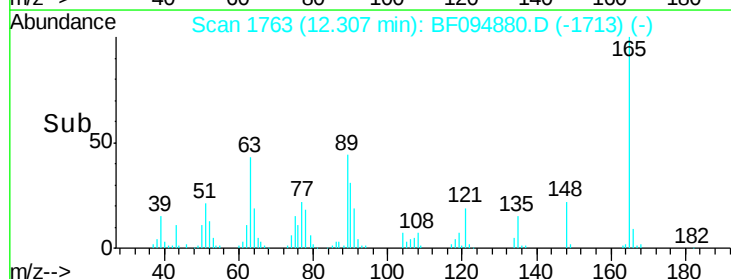
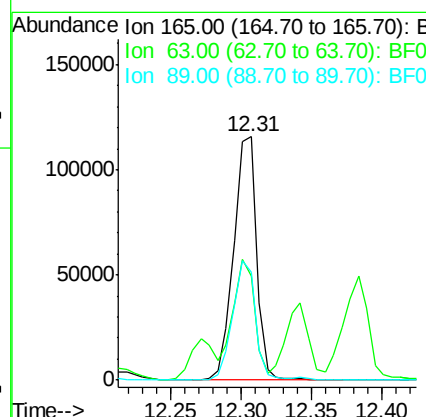
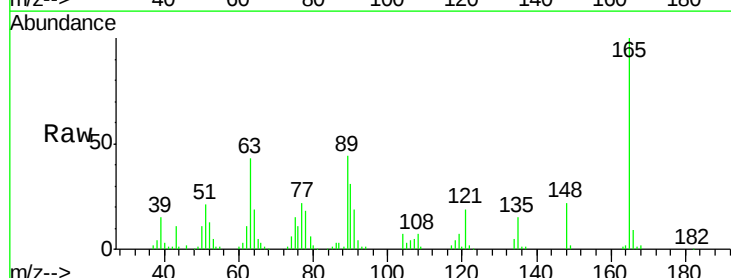
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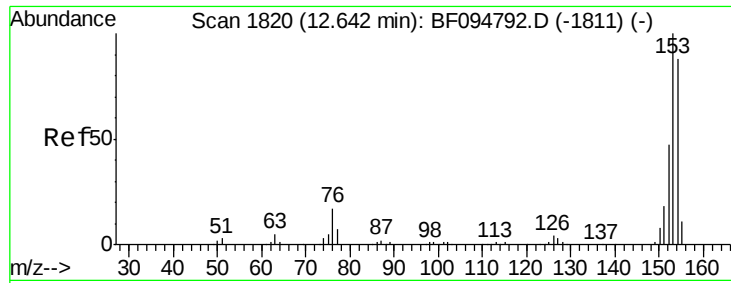
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#50
2,6-Dinitrotoluene
Concen: 47.38 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	131355		
63	42.8	34.3	51.5	
89	44.4	37.1	55.7	





#51

Acenaphthene

Concen: 43.84 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

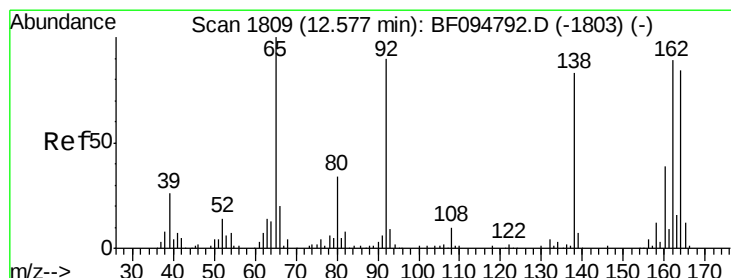
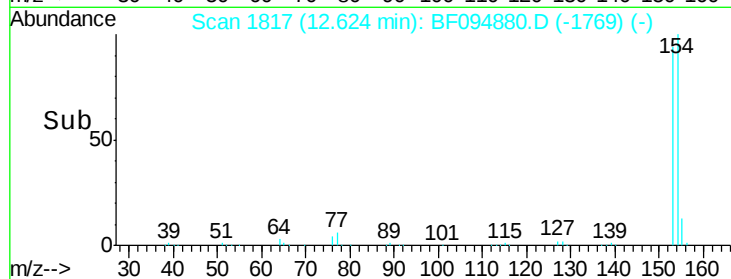
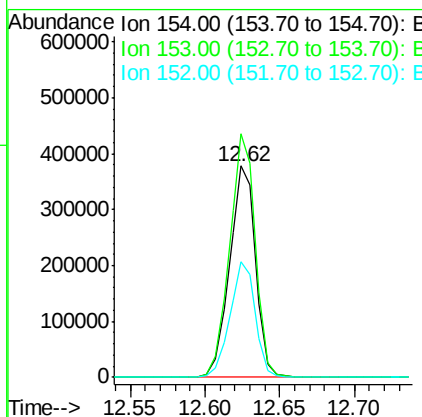
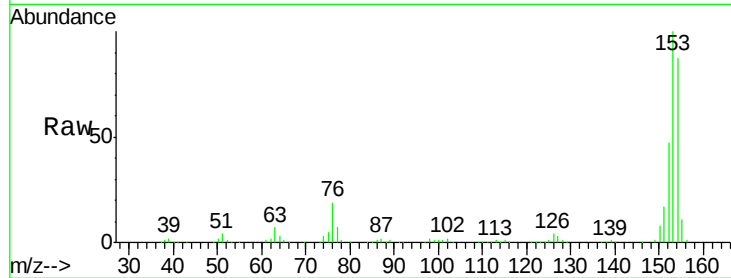
ClientSampleId :

PB98591BS

Tgt Ion:	154	Resp:	461577
Ion Ratio	Lower	Upper	
154	100		
153	115.3	90.5	135.7
152	54.6	43.6	65.4

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#52

3-Nitroaniline

Concen: 22.36 ng

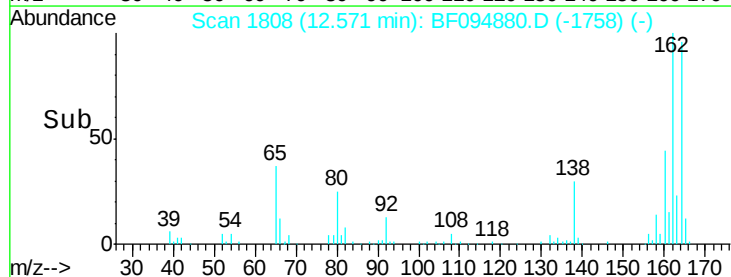
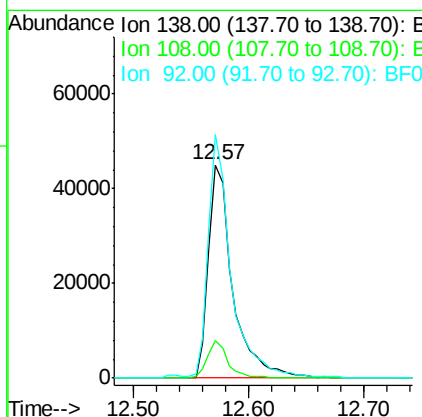
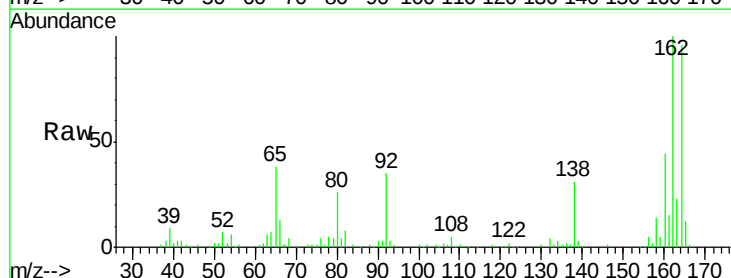
RT: 12.57 min Scan# 1808

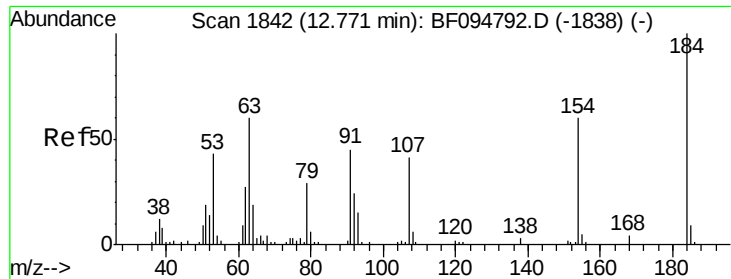
Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion:	138	Resp:	66542
Ion Ratio	Lower	Upper	
138	100		
108	17.5	9.1	13.7#
92	114.0	93.8	140.6





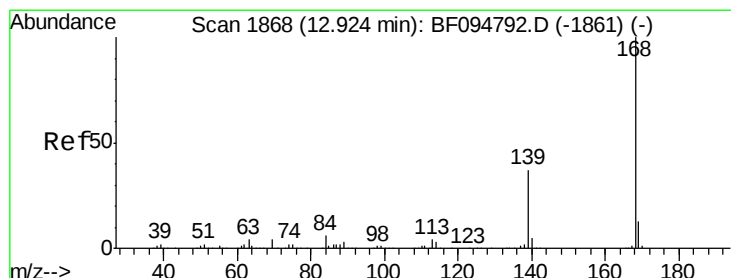
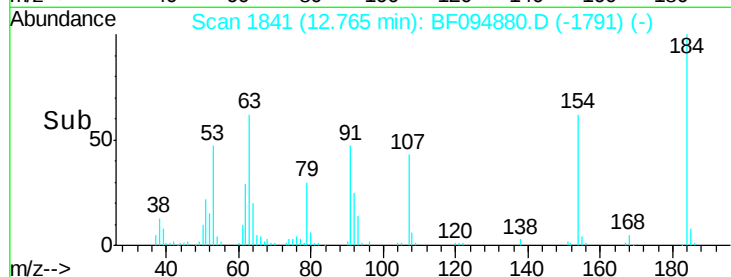
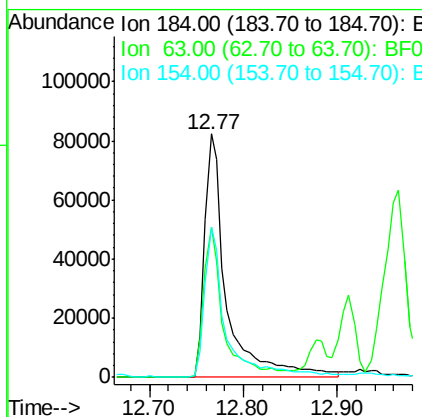
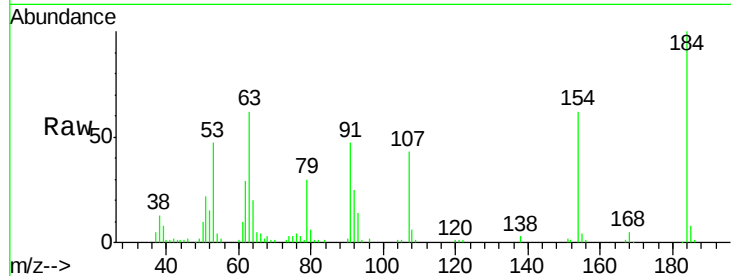
#53
 2,4-Dinitrophenol
 Concen: 87.71 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	134929		
63	61.7	62.7	94.1#	
154	61.6	81.1	121.7#	

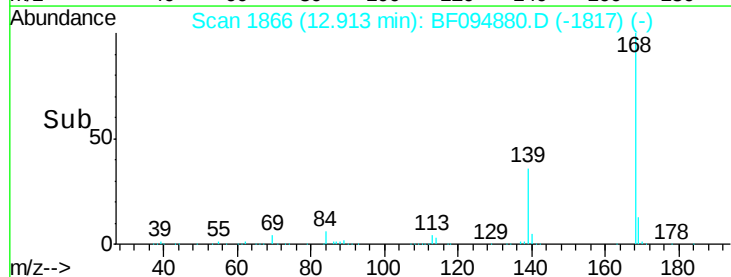
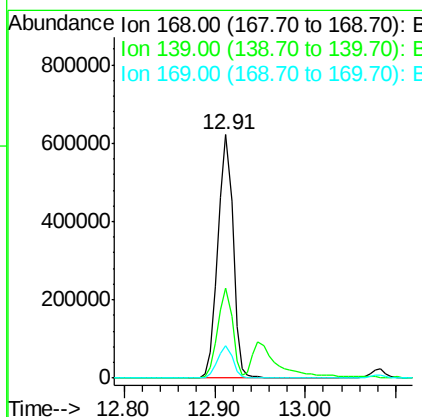
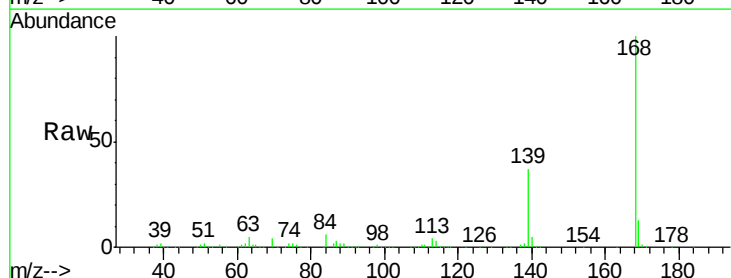
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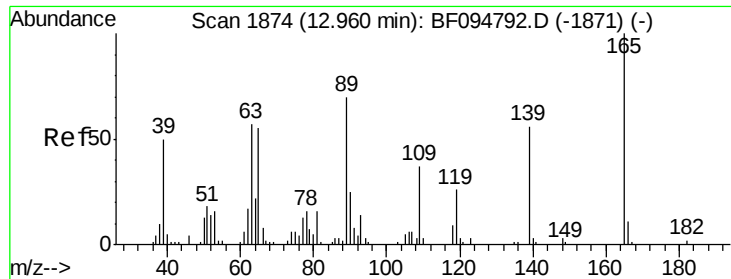
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#54
 Dibenzofuran
 Concen: 49.22 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	717086		
139	36.9	30.6	45.8	
169	13.2	10.8	16.2	





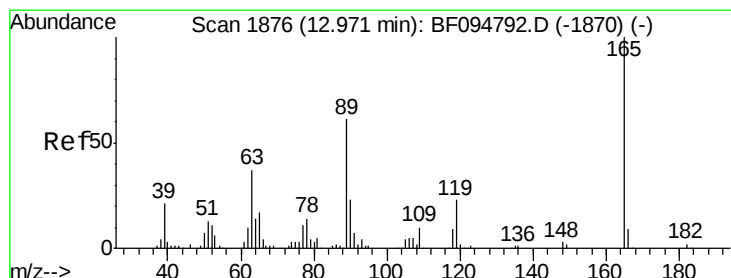
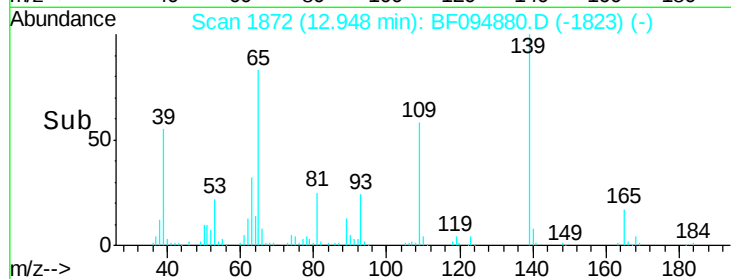
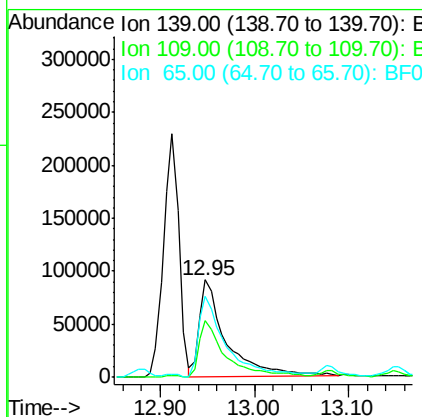
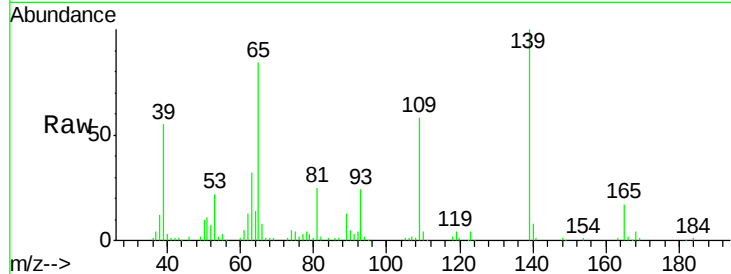
#55
4-Nitrophenol
Concen: 99.99 ng
RT: 12.95 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion:139 Resp: 178698
Ion Ratio Lower Upper
139 100
109 58.4 34.1 74.1
65 83.7 31.4 71.4#

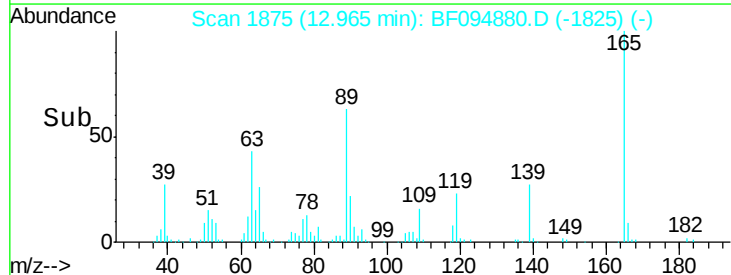
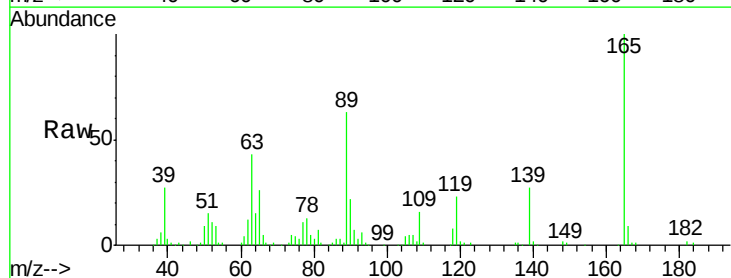
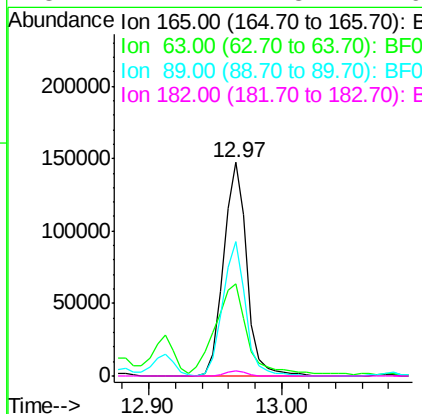
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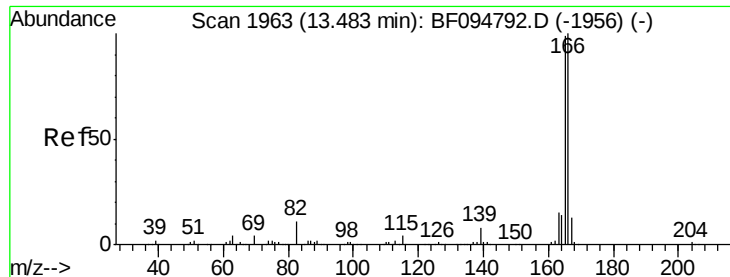
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#56
2,4-Dinitrotoluene
Concen: 50.86 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion:165 Resp: 181207
Ion Ratio Lower Upper
165 100
63 42.9 25.4 38.0#
89 63.1 46.4 69.6
182 2.4 1.8 2.6





#57

Fluorene

Concen: 43.27 ng

RT: 13.47 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

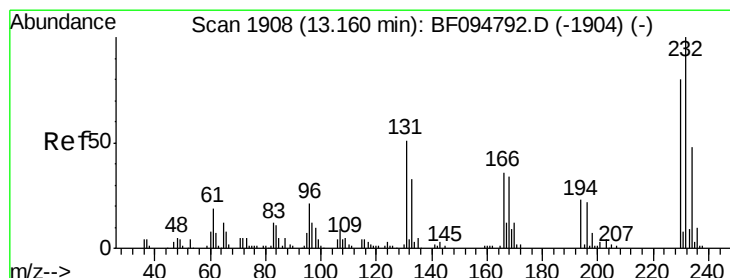
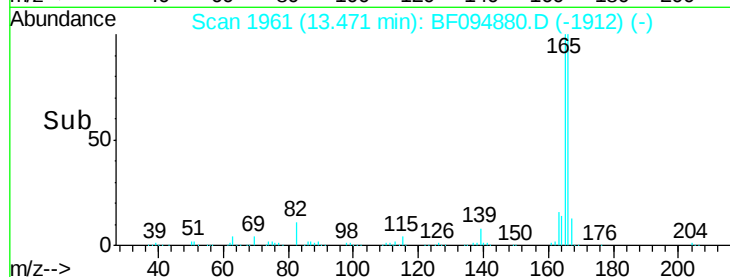
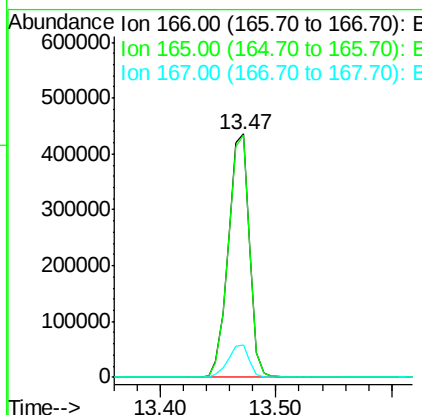
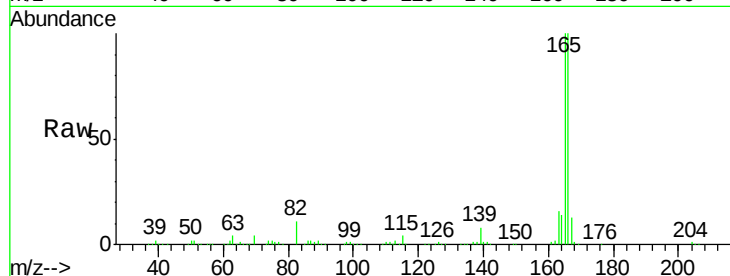
ClientSampleId :

PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	78.8	118.2	
167	13.1	10.6	16.0	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.30 ng

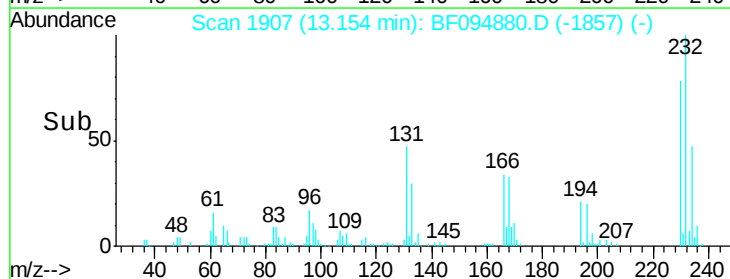
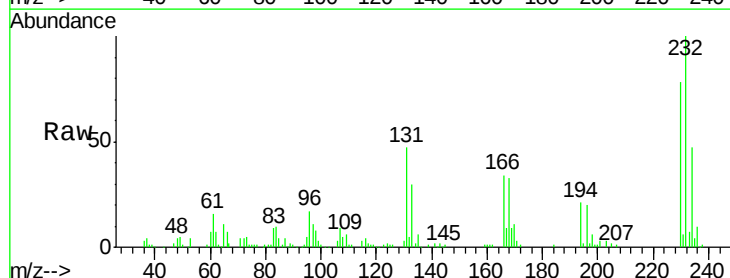
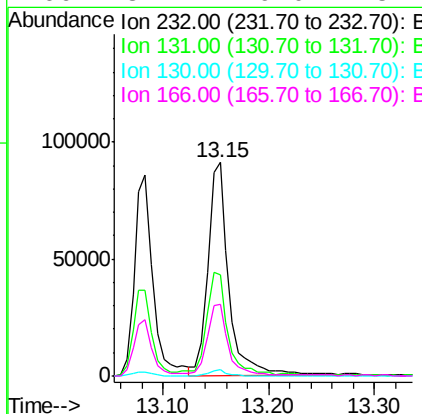
RT: 13.15 min Scan# 1907

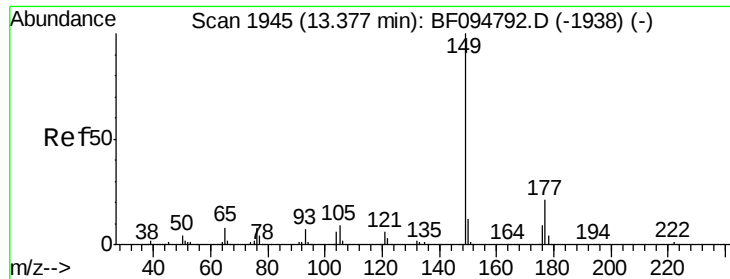
Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.4	44.8	67.2	
130	2.4	2.3	3.5	
166	34.4	29.0	43.4	





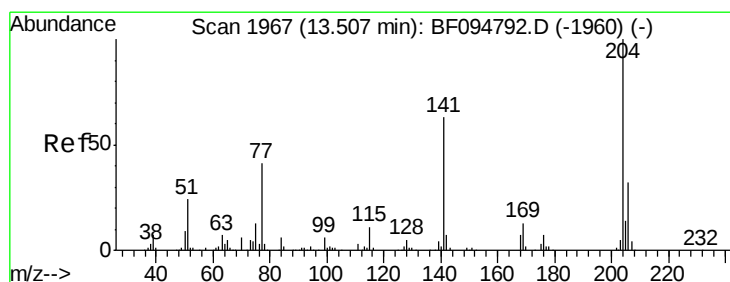
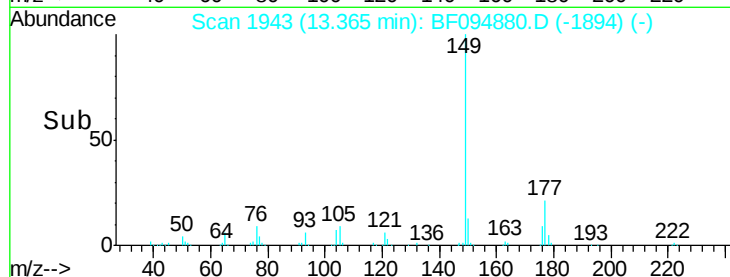
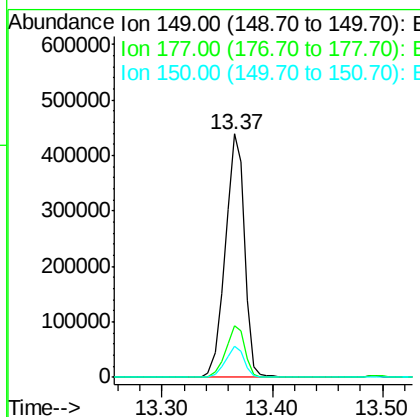
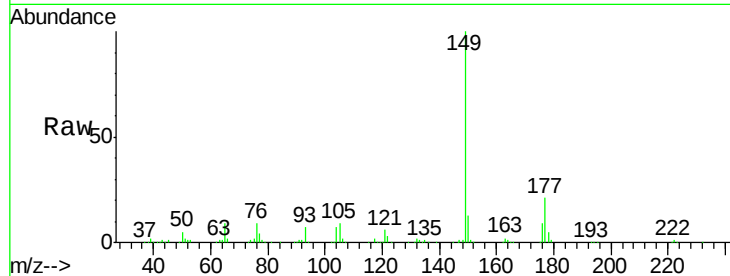
#59
Diethylphthalate
Concen: 40.97 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	533586		
177	21.4	16.7	25.1	
150	13.0	10.2	15.2	

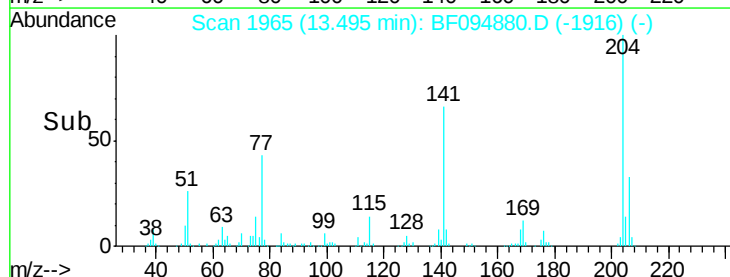
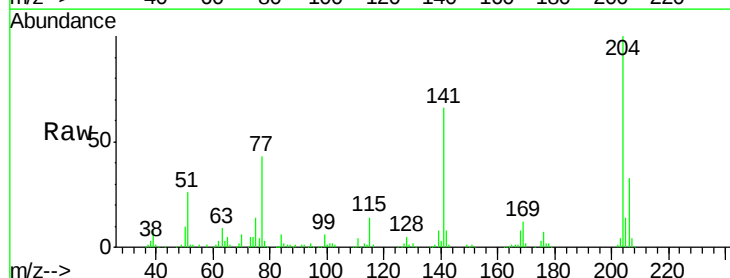
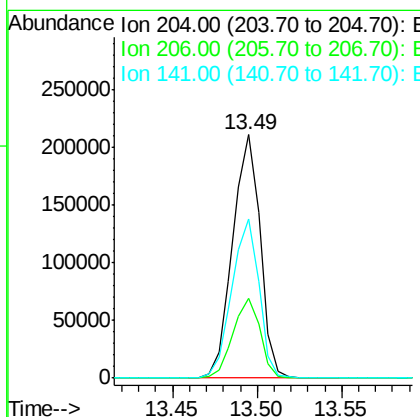
Manual Integrations
APPROVED

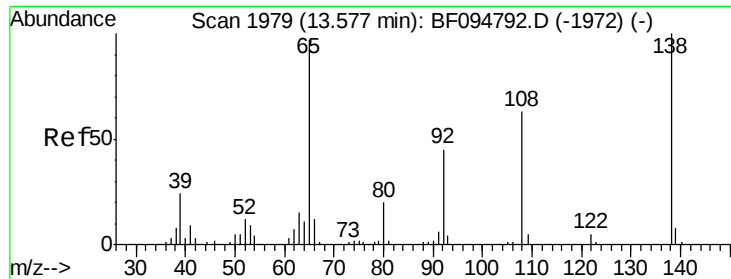
mohammad
5/5/2017 5:23:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.91 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	238881		
206	32.8	26.2	39.2	
141	65.5	60.8	91.2	





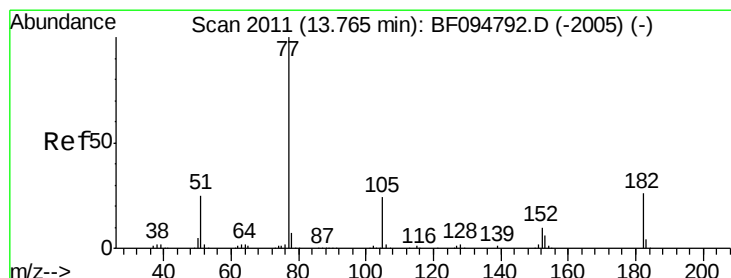
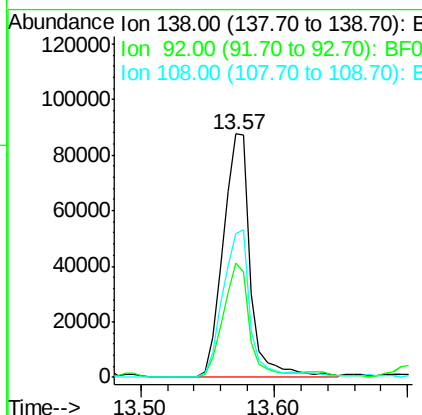
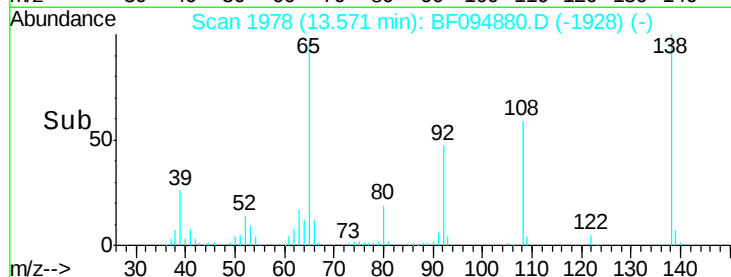
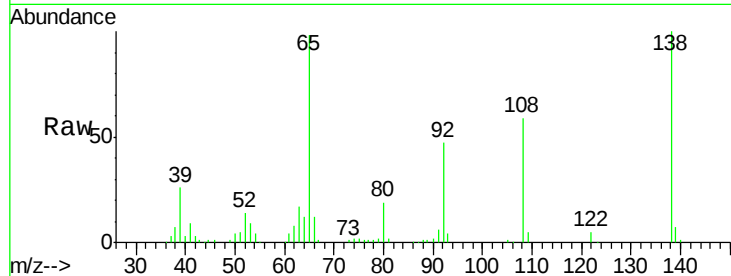
#61
4-Nitroaniline
Concen: 46.55 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	127154		
92	46.8	21.8	61.8	
108	59.1	42.3	82.3	

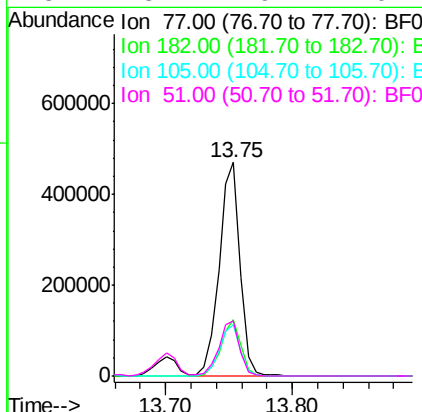
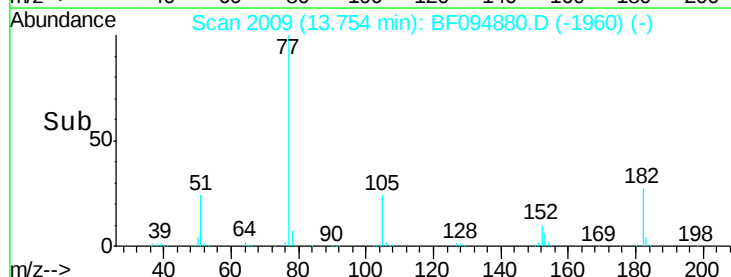
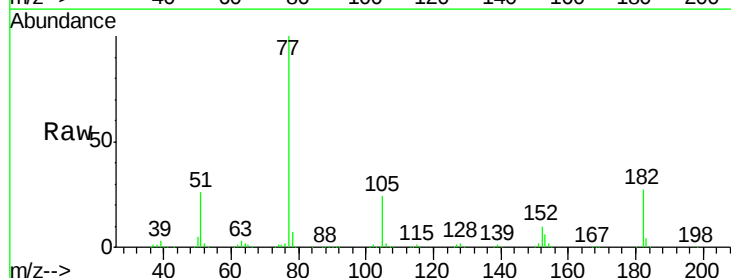
Manual Integrations
APPROVED

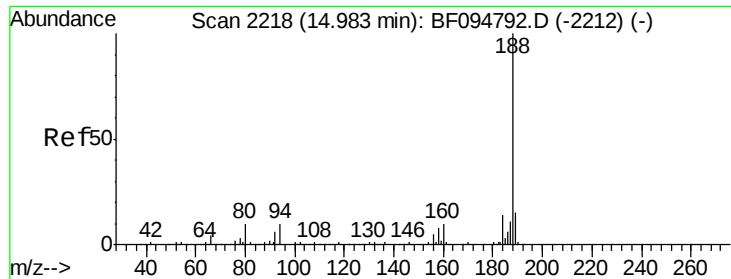
mohammad
5/5/2017 5:23:28 PM



#62
Azobenzene
Concen: 51.25 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	536445		
182	26.7	0.1	40.1	
105	24.1	3.6	43.6	
51	25.7	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

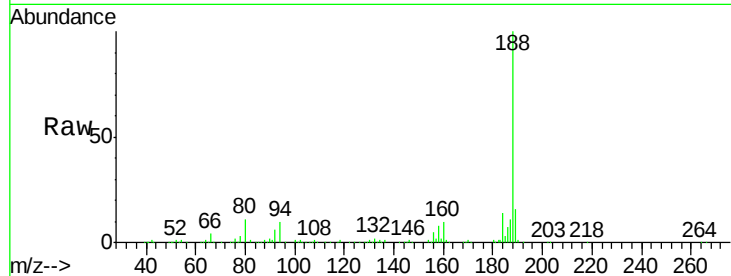
ClientSampleId :

PB98591BS

Tgt Ion:	188	Resp:	321356
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	11.5	10.2	15.2

Manual Integrations
APPROVED

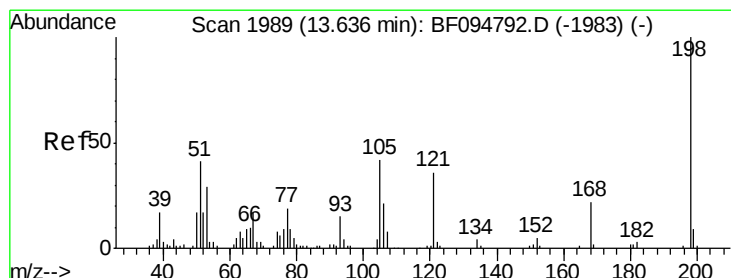
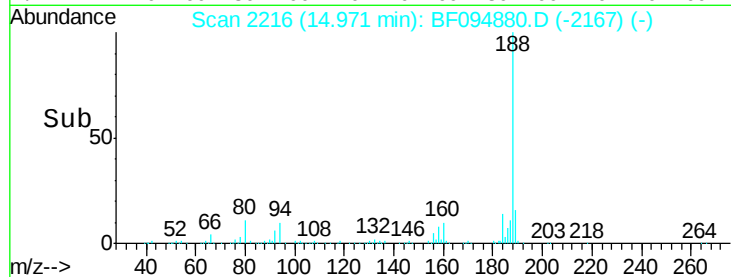
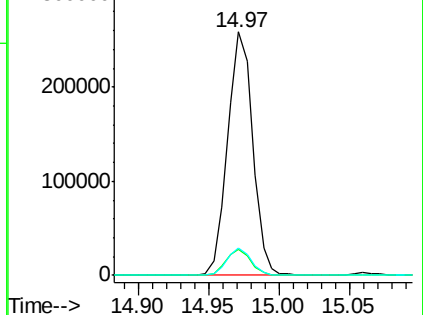
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.35 ng

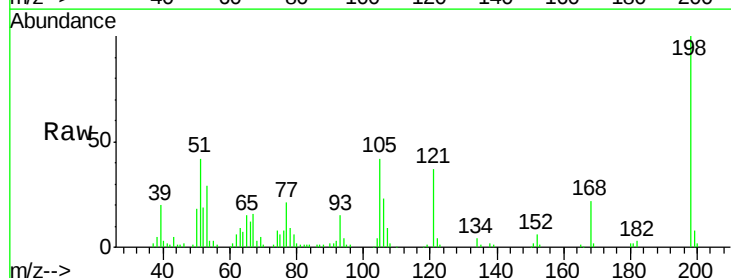
RT: 13.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

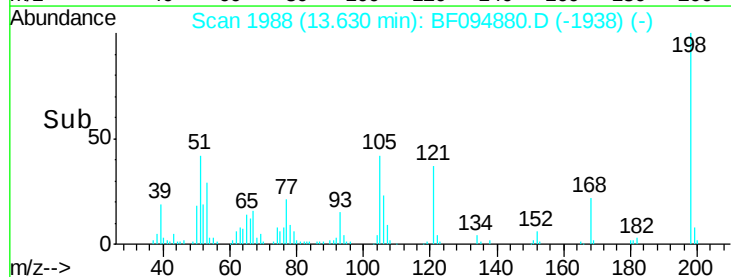
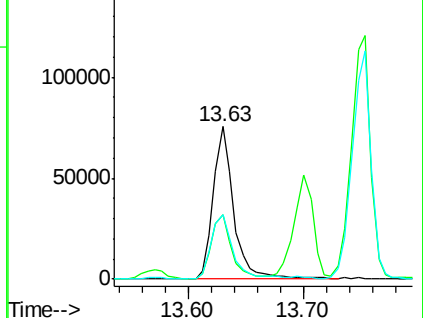
Tgt Ion:	198	Resp:	93396
Ion Ratio	Lower	Upper	
198	100		
51	42.4	53.2	93.2#
105	42.4	45.8	85.8#

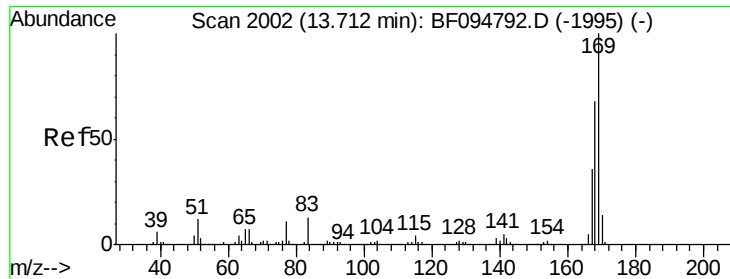


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





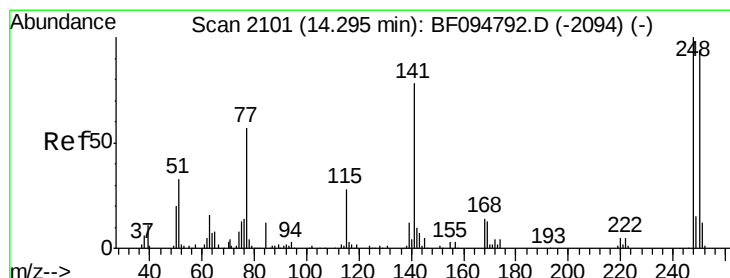
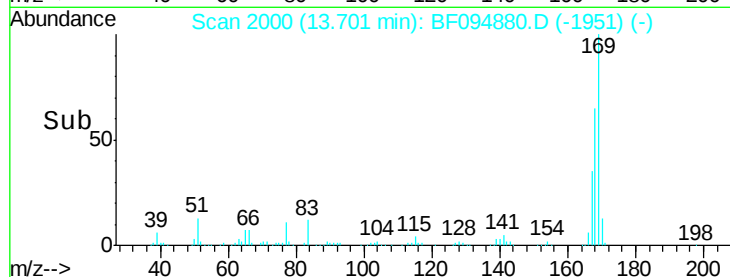
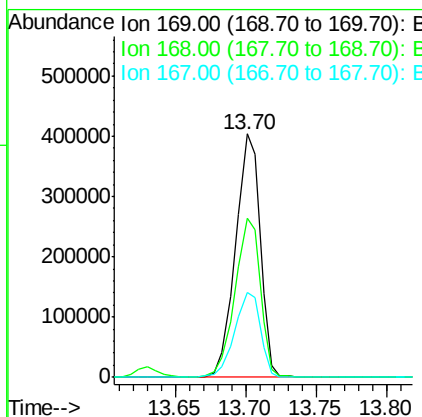
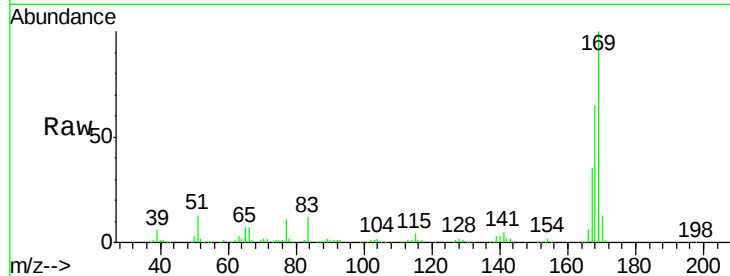
#65
n-Nitrosodiphenylamine
Concen: 42.38 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	494314		
168	65.3	53.2	79.8	
167	35.1	29.5	44.3	

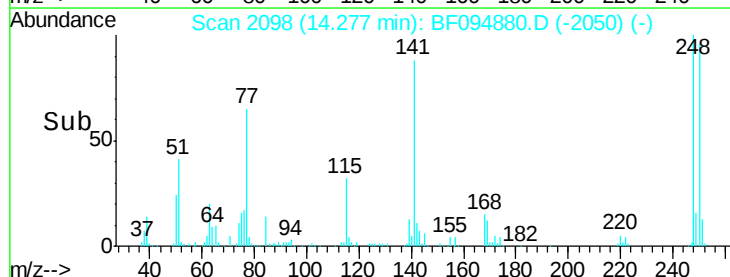
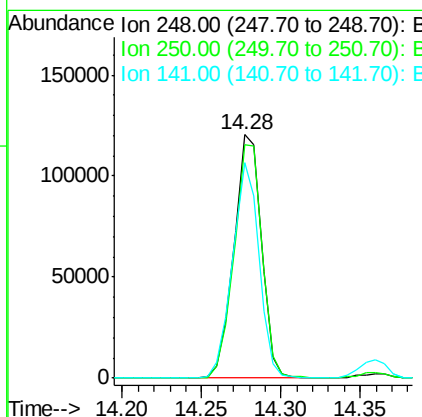
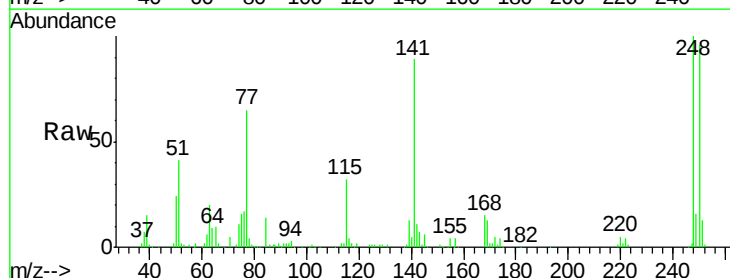
Manual Integrations
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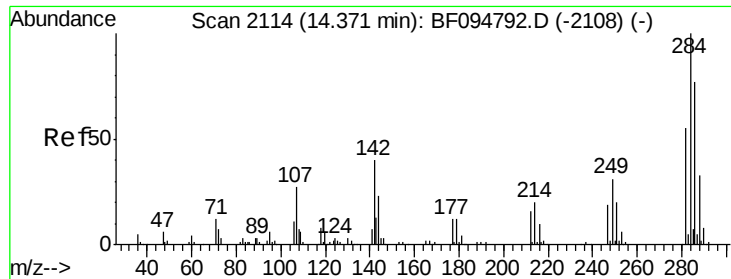
mohammad
5/5/2017 5:23:28 PM



#66
4-Bromophenyl-phenylether
Concen: 42.81 ng
RT: 14.28 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	145333		
250	96.0	76.8	115.2	
141	88.5	68.6	103.0	





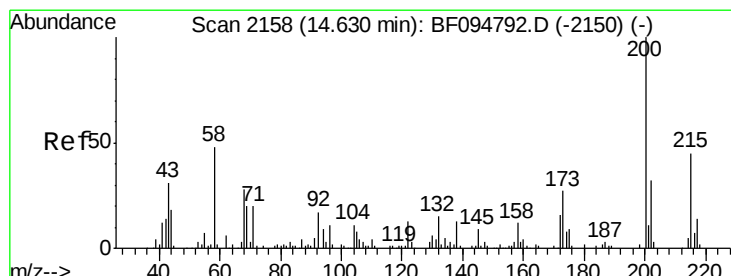
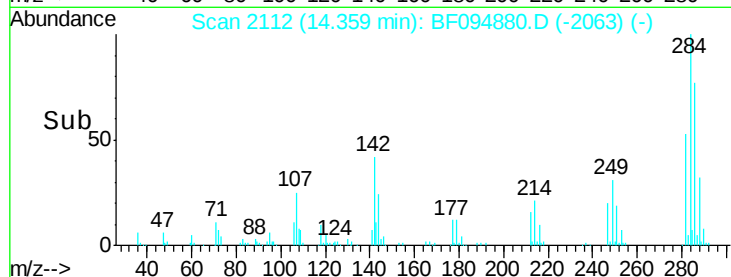
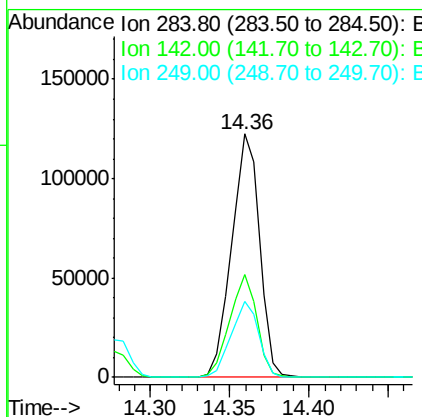
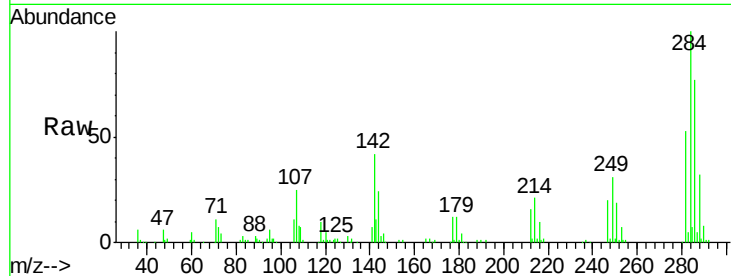
#67
Hexachlorobenzene
Concen: 42.98 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	149551		
142	42.5	22.8	34.2	#
249	31.3	24.0	36.0	

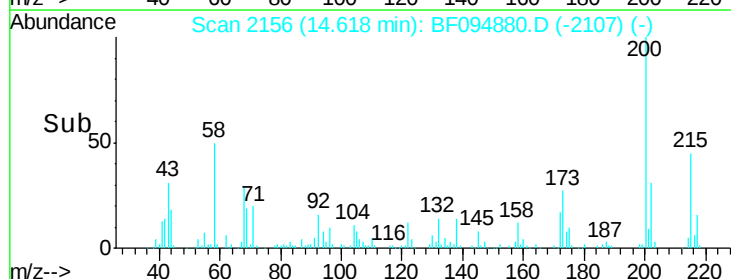
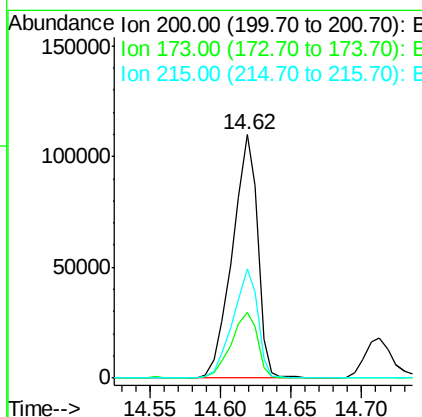
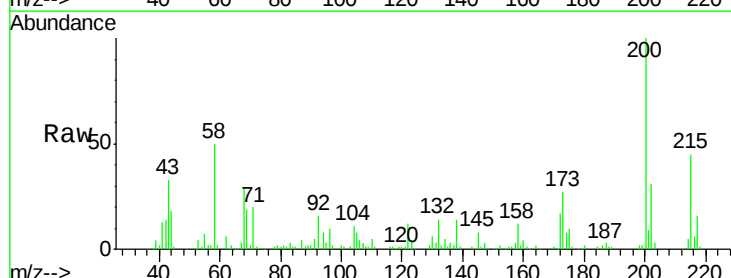
Manual Integrations
APPROVED

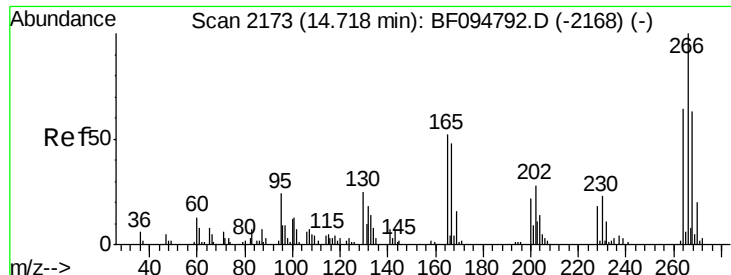
mohammad
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#68
Atrazine
Concen: 41.65 ng
RT: 14.62 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	137143		
173	27.2	6.3	46.3	
215	45.0	27.2	67.2	





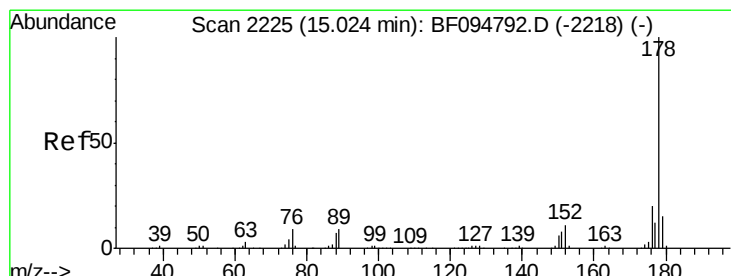
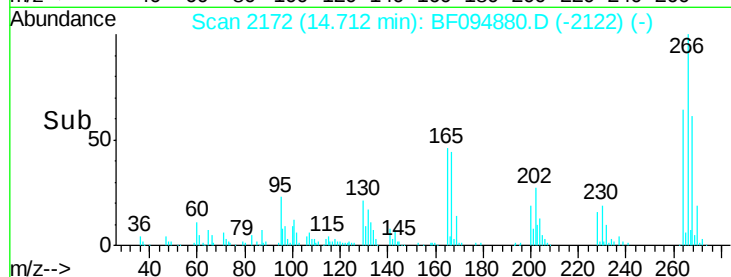
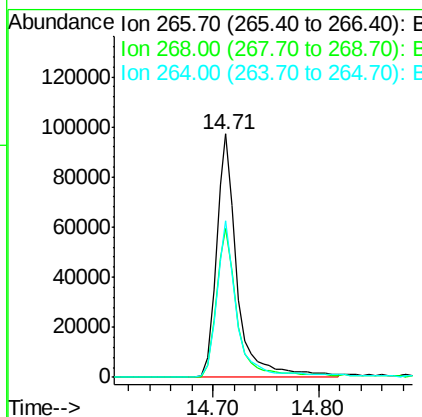
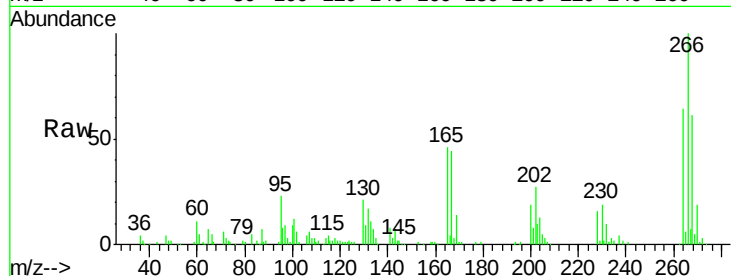
#69
 Pentachlorophenol
 Concen: 84.94 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	134250		
268	61.2	51.1	76.7	
264	64.2	51.7	77.5	

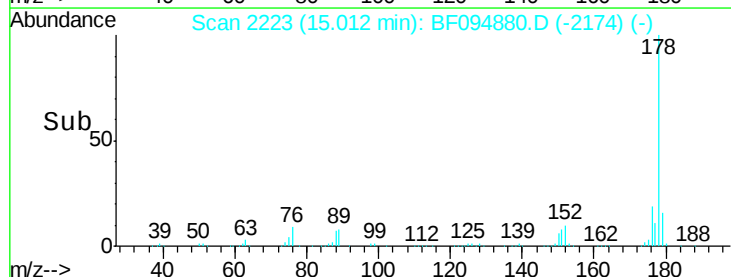
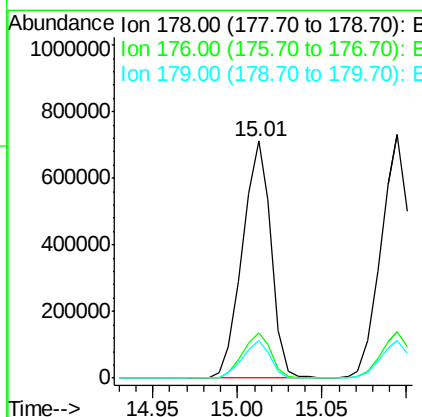
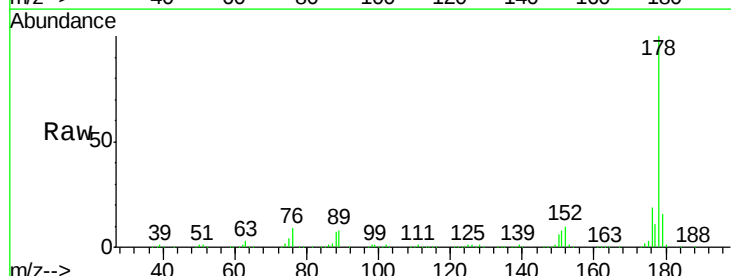
Manual Integrations
 APPROVED

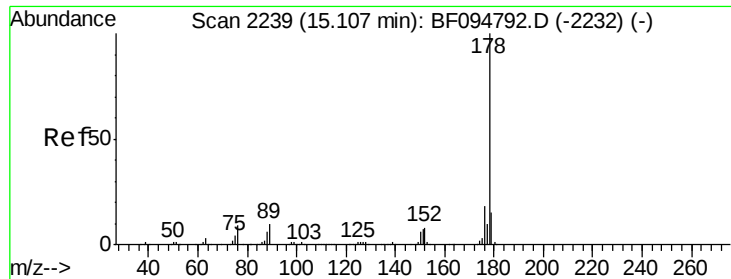
mohammad
 5/5/2017 5:23:28 PM



#70
 Phenanthrene
 Concen: 45.68 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	843400		
176	18.9	16.2	24.4	
179	15.8	12.6	19.0	





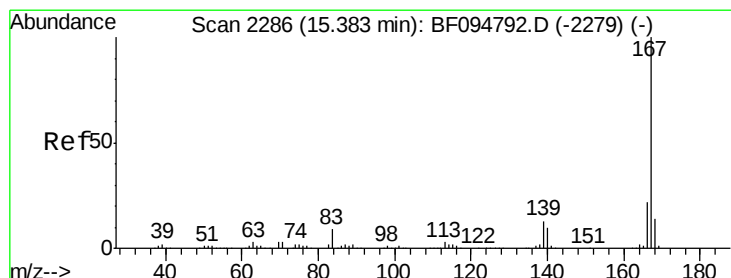
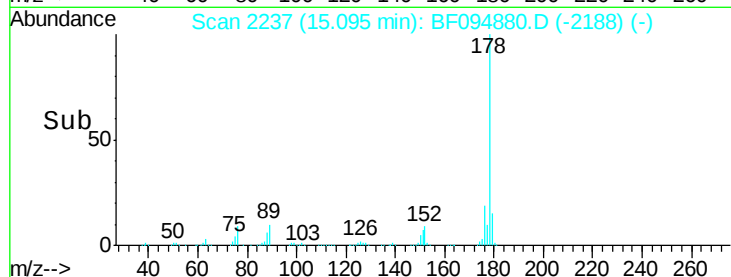
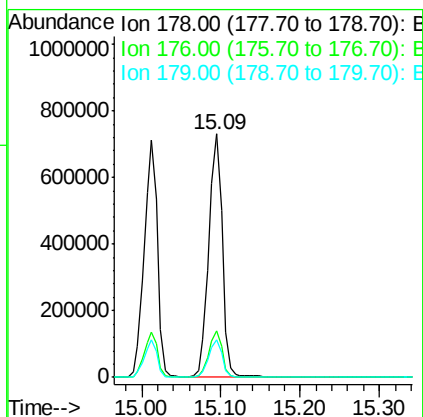
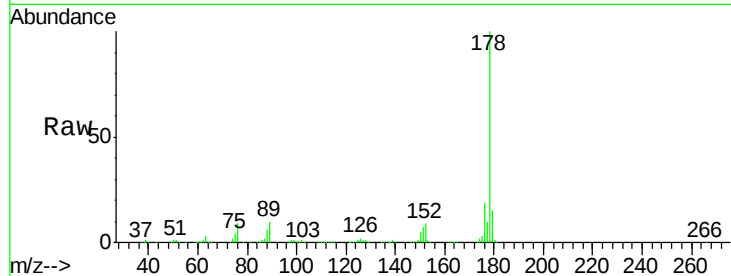
#71
 Anthracene
 Concen: 46.43 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleID :
 PB98591BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.2	12.7	19.1

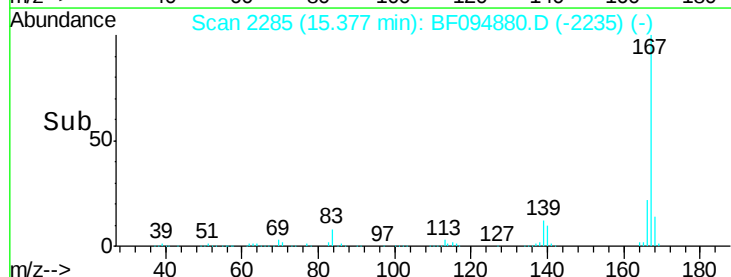
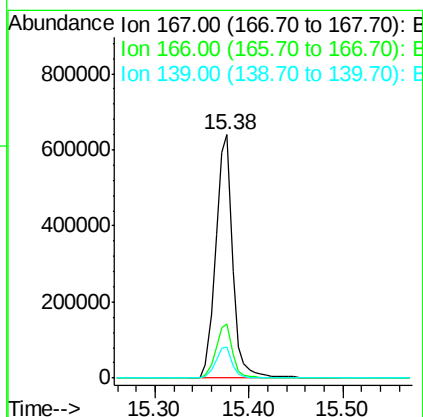
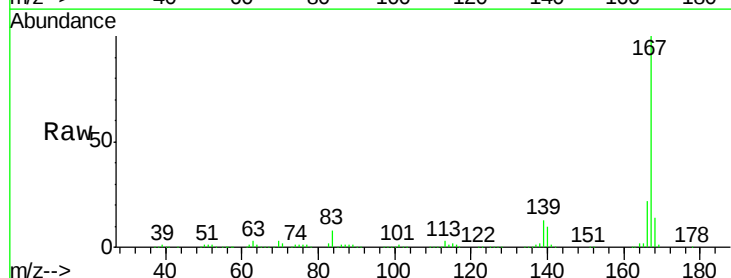
Manual Integrations
 APPROVED

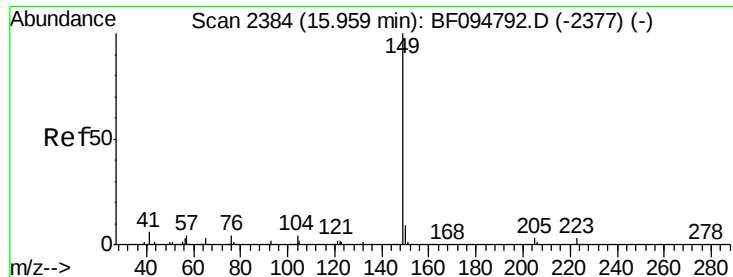
mohammad
 5/5/2017 5:23:28 PM



#72
 Carbazole
 Concen: 47.27 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	12.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.00 ng

RT: 15.95 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

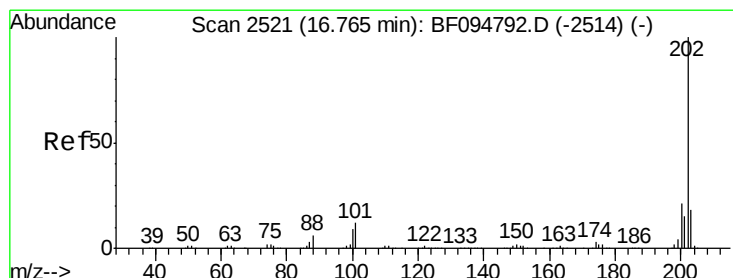
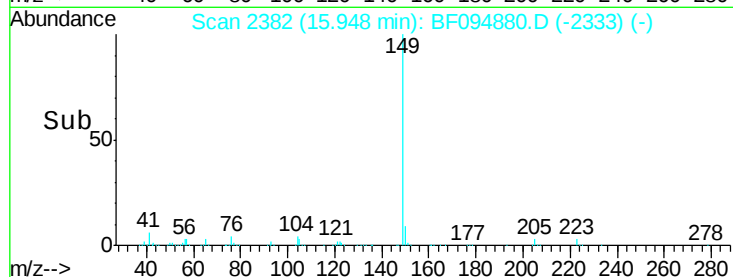
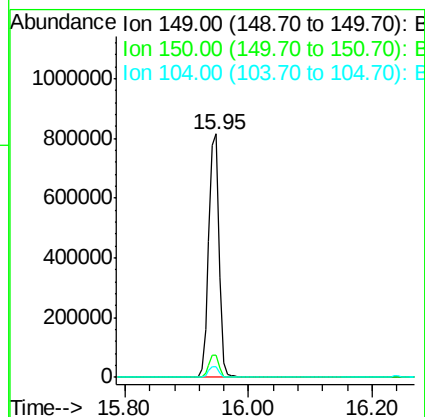
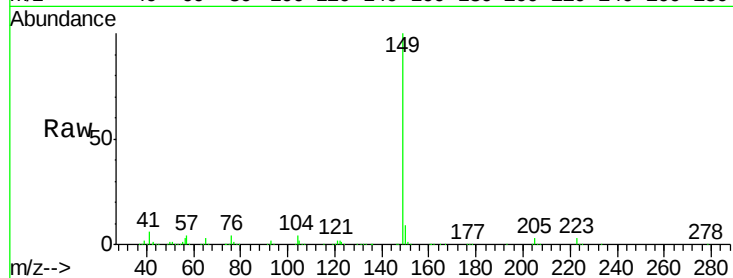
ClientSampleId :

PB98591BS

Tgt Ion:	149	Resp:	941633
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
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mohammad
5/5/2017 5:23:28 PM



#74

Fluoranthene

Concen: 46.08 ng

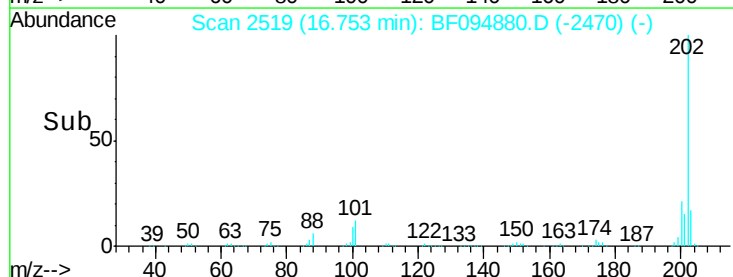
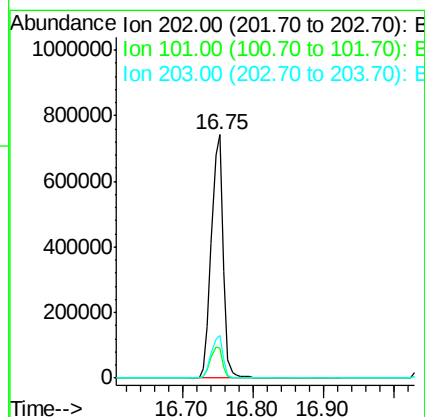
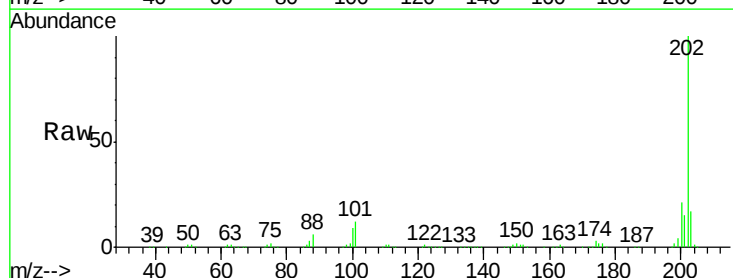
RT: 16.75 min Scan# 2519

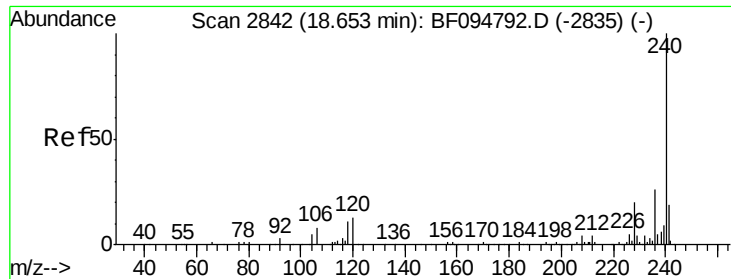
Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion:	202	Resp:	872774
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

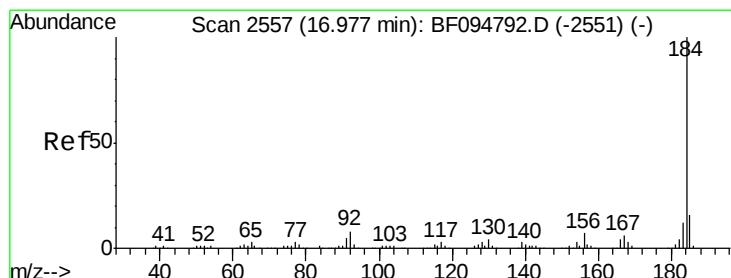
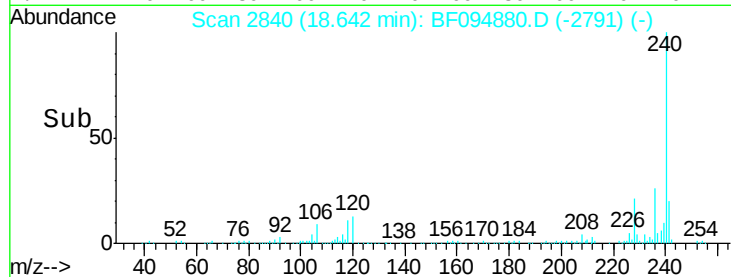
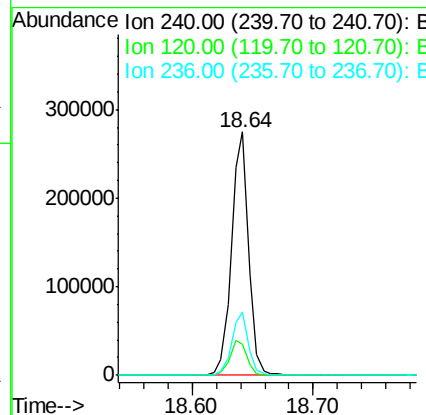
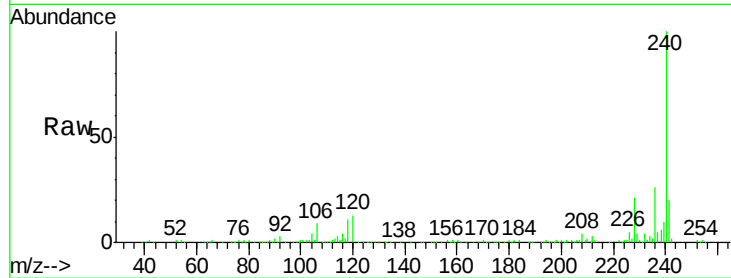
ClientSampleId :

PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	268592		
120	12.5	5.8	8.8#	
236	25.7	20.5	30.7	

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#76

Benzidine

Concen: 21.99 ng

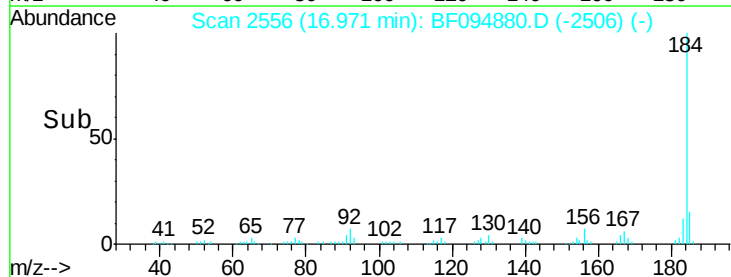
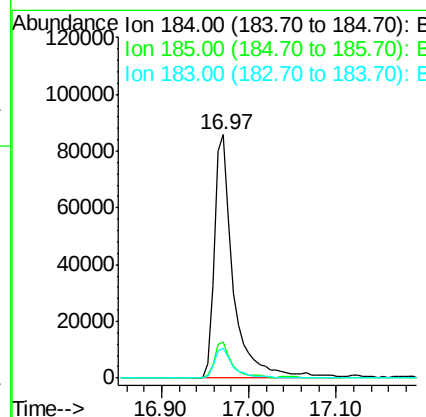
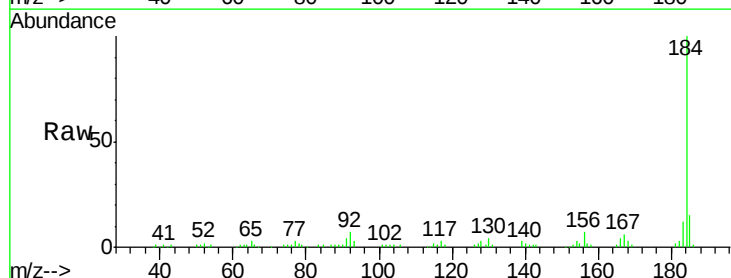
RT: 16.97 min Scan# 2556

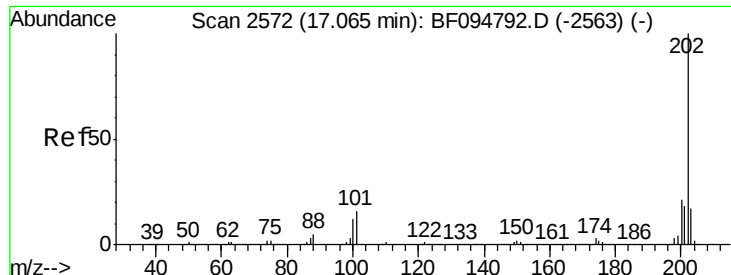
Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	129710		
185	15.1	15.5	23.3#	
183	12.0	9.8	14.6	





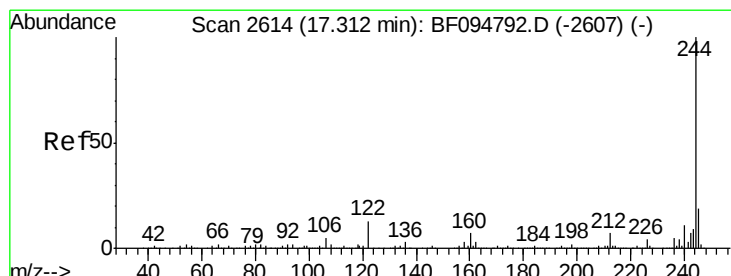
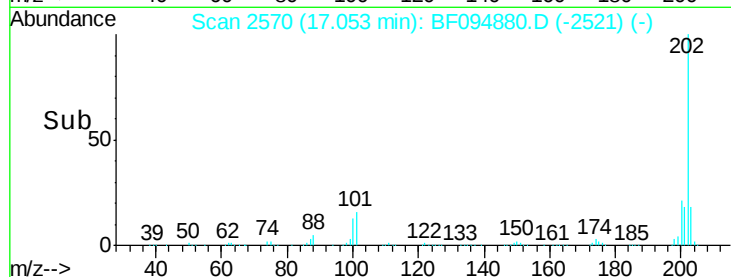
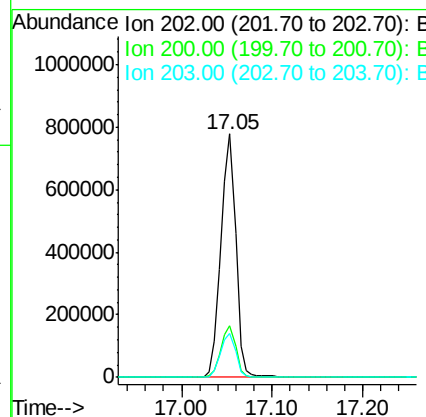
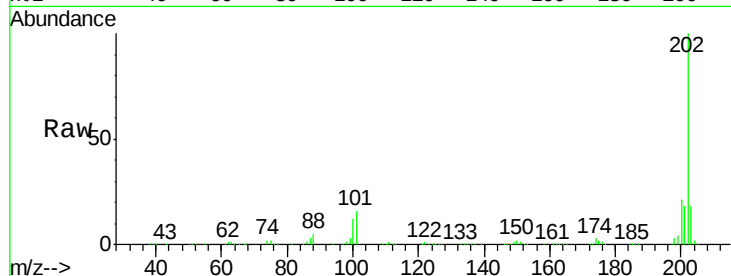
#77
 Pyrene
 Concen: 44.36 ng
 RT: 17.05 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	891100		
200	21.2	17.6	26.4	
203	18.1	14.4	21.6	

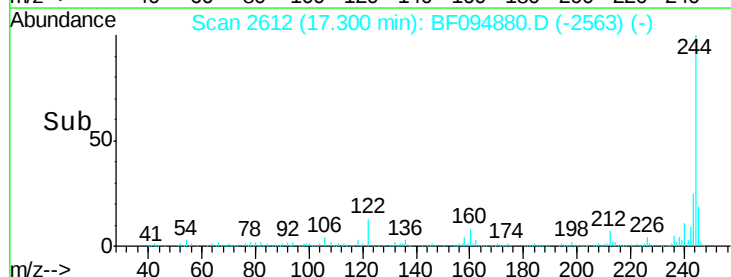
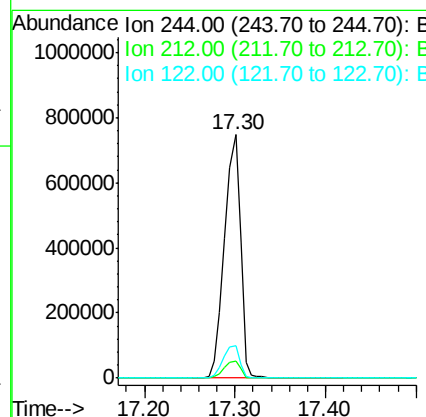
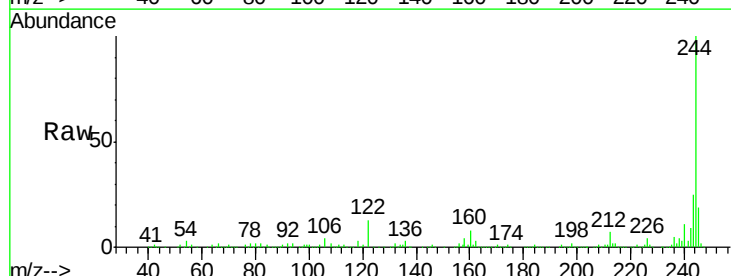
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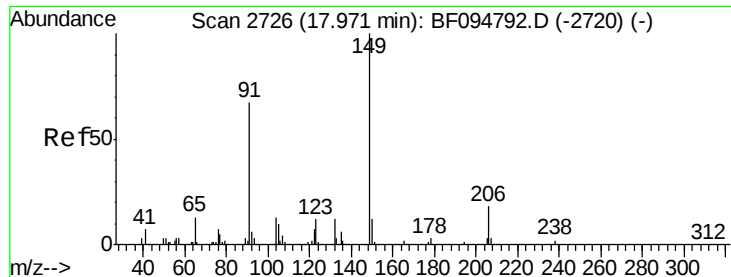
mohammad
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#78
 Terphenyl-d14
 Concen: 74.93 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	913793		
212	7.1	6.0	9.0	
122	13.5	10.3	15.5	





#79

Butylbenzylphthalate

Concen: 40.78 ng

RT: 17.96 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

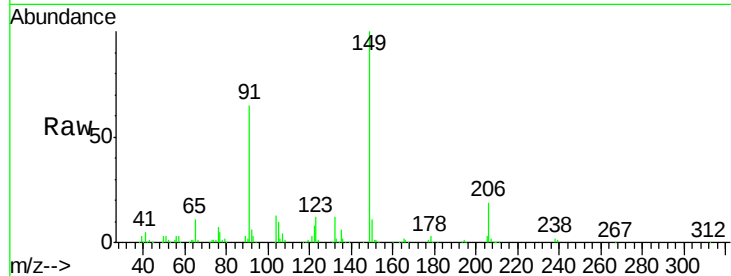
ClientSampleId :

PB98591BS

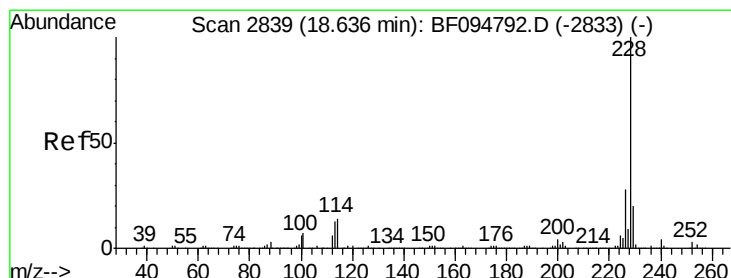
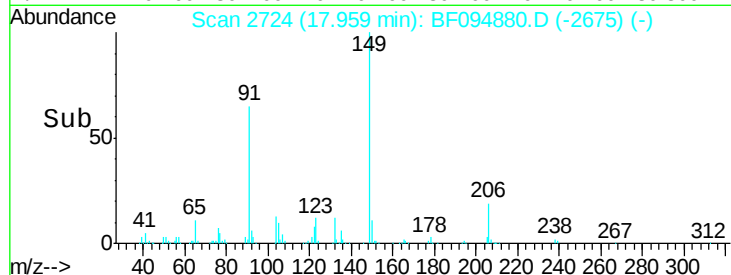
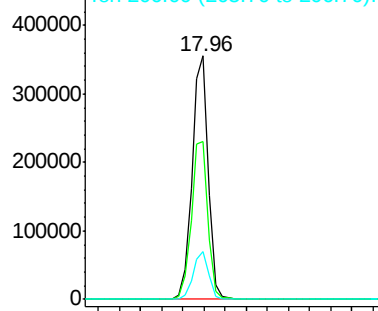
Tgt Ion:	149	Resp:	380986
Ion Ratio	Lower	Upper	
149	100		
91	65.1	45.0	67.4
206	19.5	17.0	25.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.40 ng

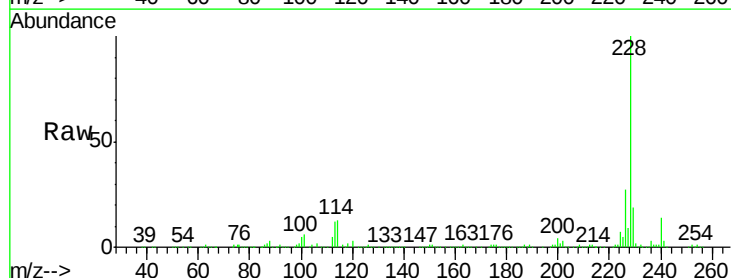
RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

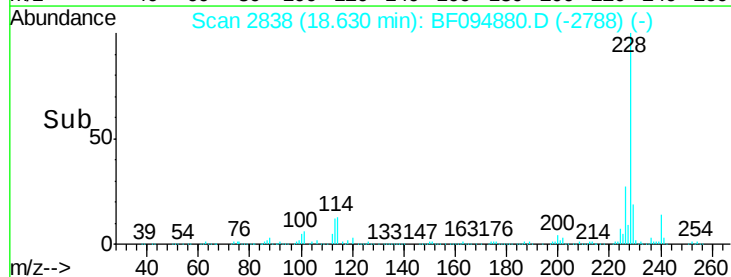
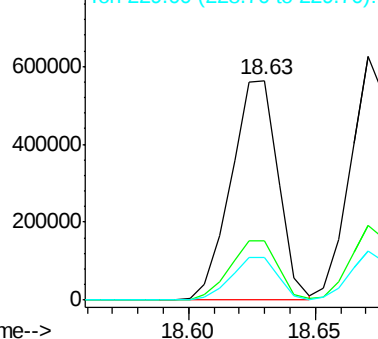
Lab File: BF094880.D

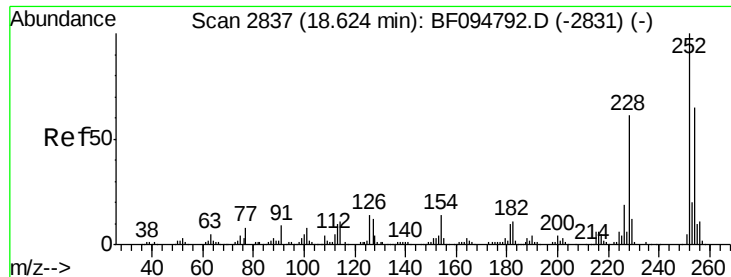
Acq: 4 May 2017 18:30

Tgt Ion:	228	Resp:	725352
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.6	33.8
229	19.3	16.3	24.5



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





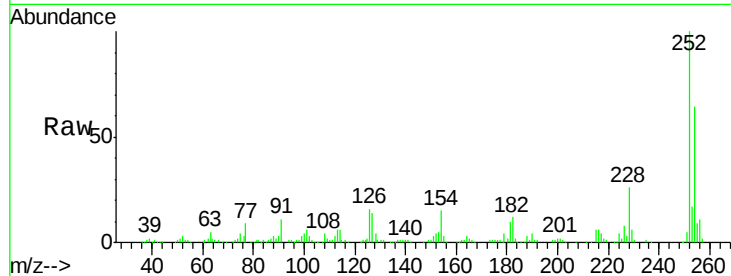
#81
 3,3'-Dichlorobenzidine
 Concen: 31.54 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

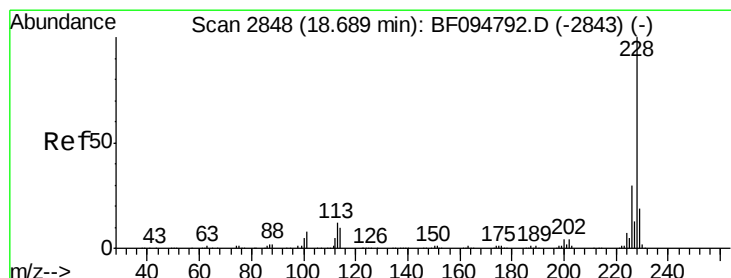
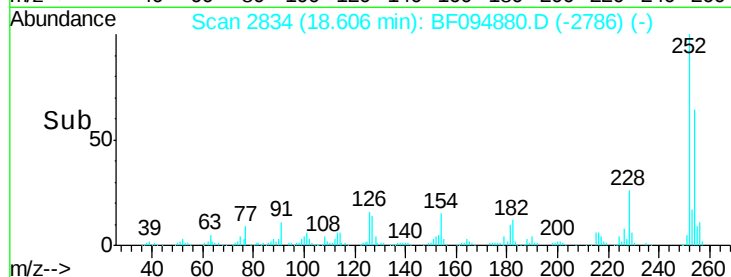
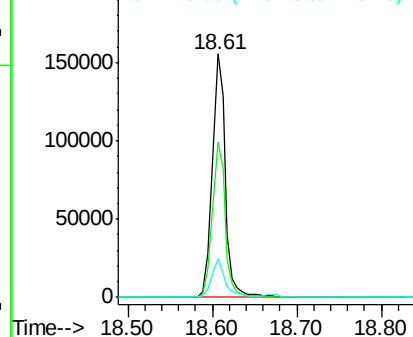
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.6	51.5	77.3
126	15.7	15.8	23.8

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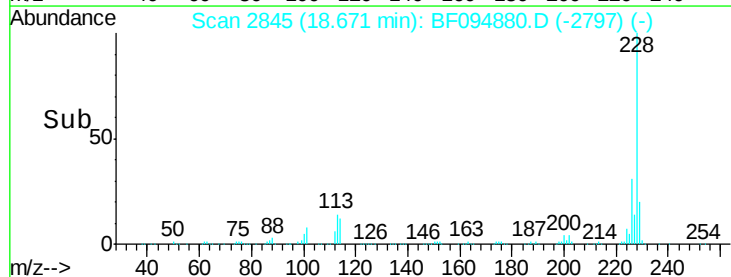
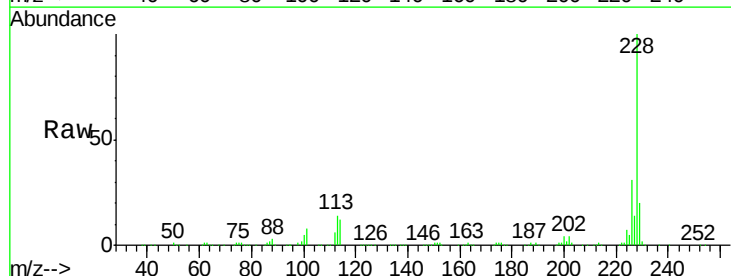
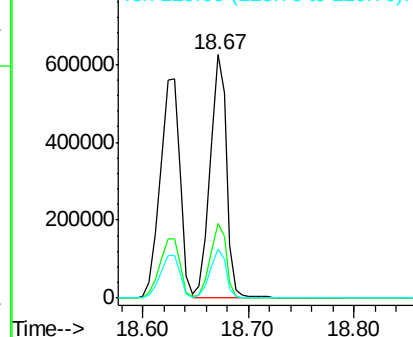
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

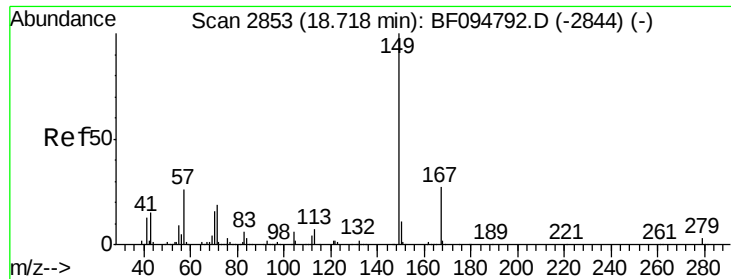


#82
 Chrysene
 Concen: 44.91 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	24.9	37.3
229	20.4	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: 42.08 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

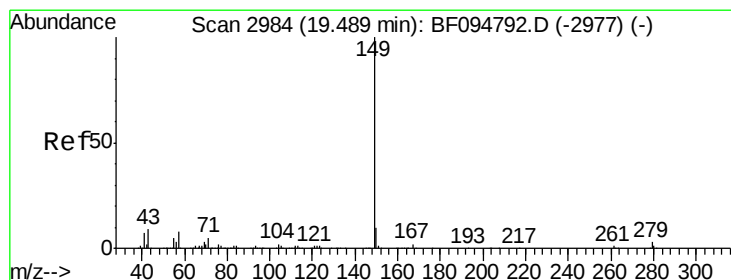
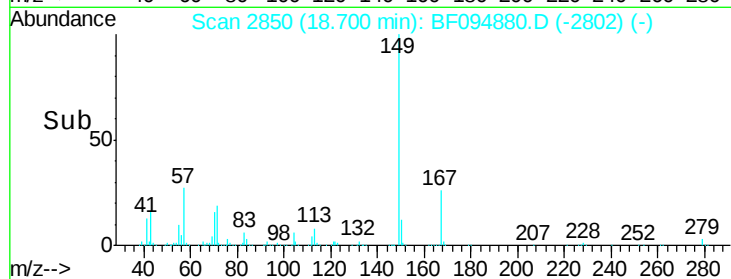
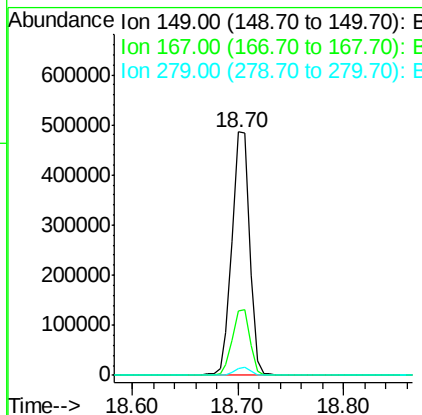
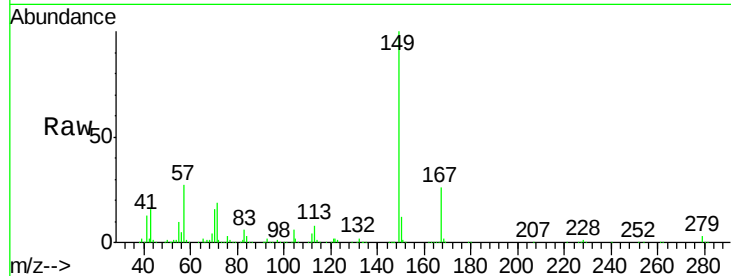
ClientSampleId :

PB98591BS

Tgt Ion:	149	Resp:	560150
Ion Ratio		Lower	Upper
149	100		
167	26.5	21.0	31.4
279	2.9	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 44.47 ng

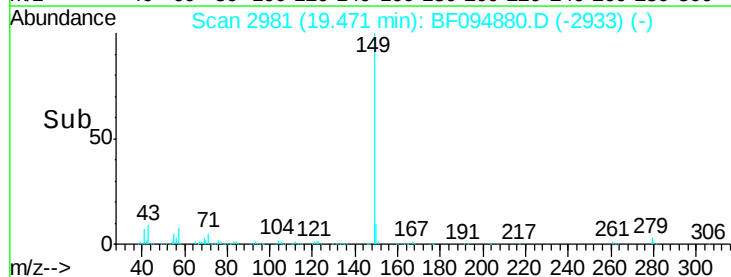
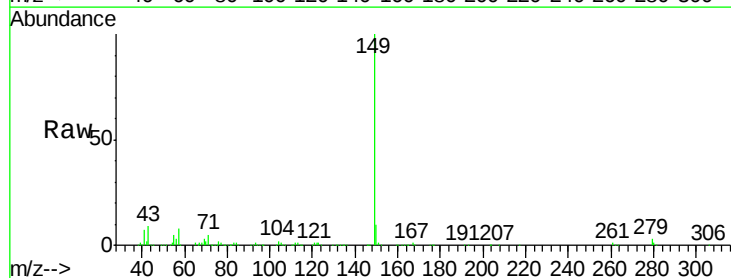
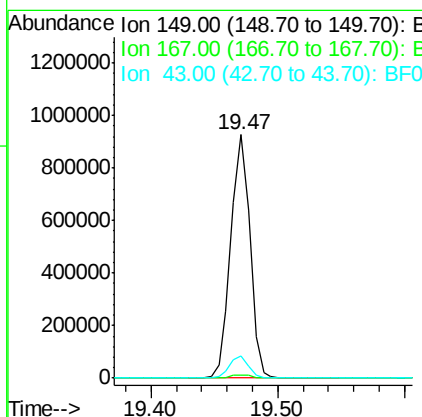
RT: 19.47 min Scan# 2981

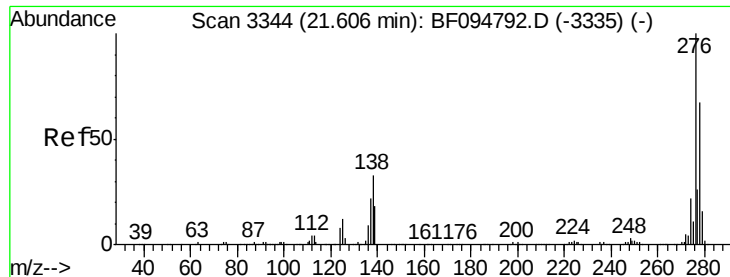
Delta R.T. -0.02 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion:	149	Resp:	970537
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.7	8.5	12.7





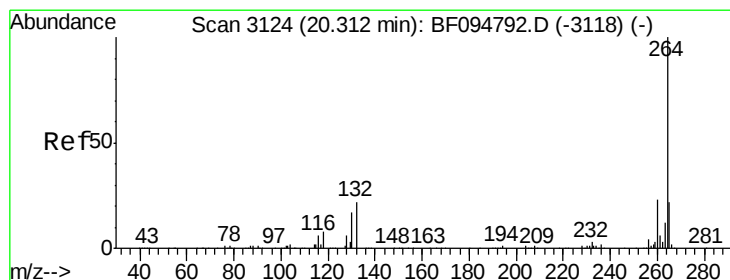
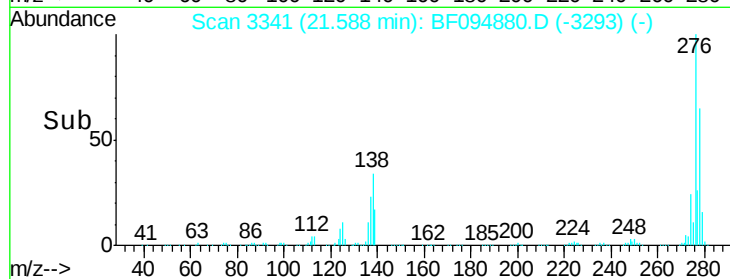
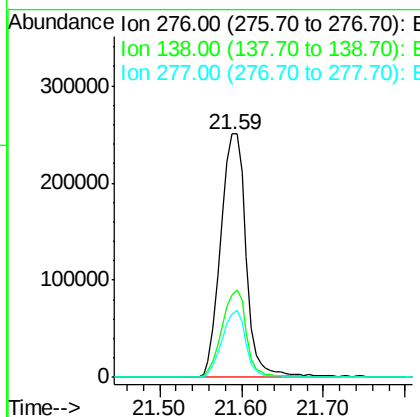
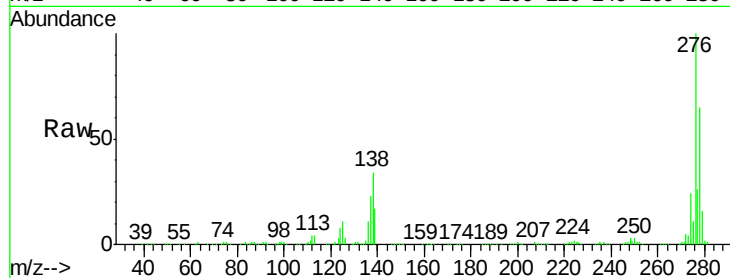
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.55 ng
 RT: 21.59 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	546880		
138	34.9	27.8	41.6	
277	25.8	20.2	30.4	

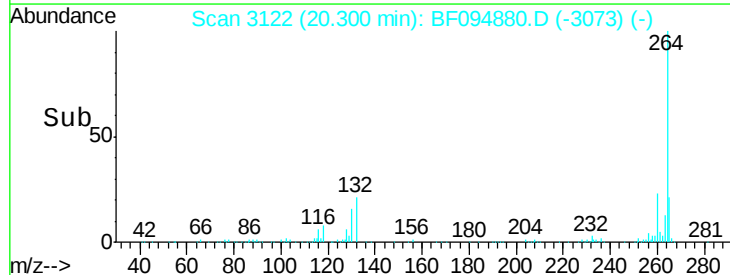
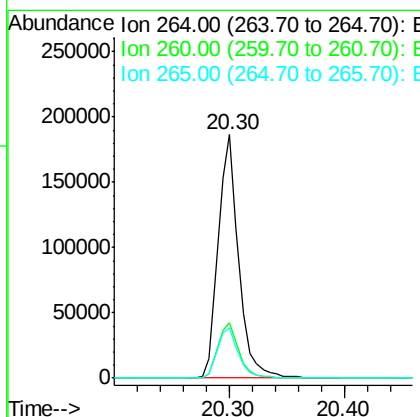
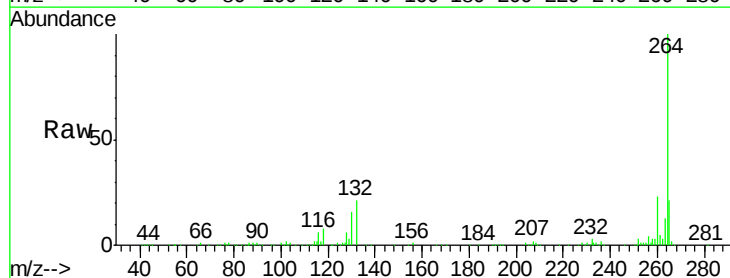
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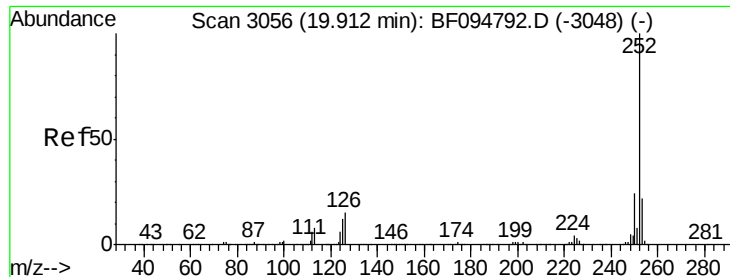
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	228413		
260	22.7	19.5	29.3	
265	20.9	17.2	25.8	





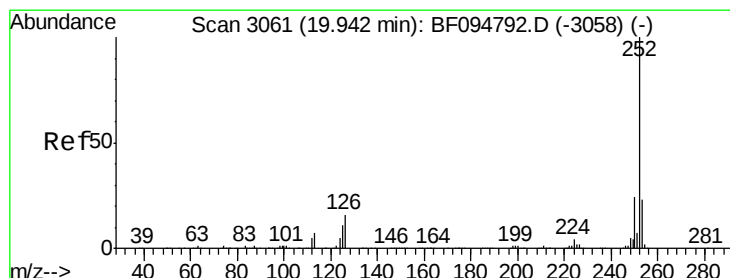
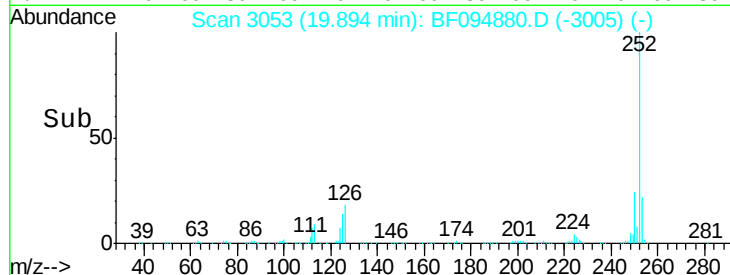
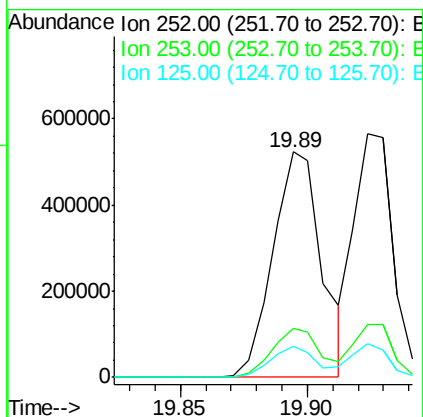
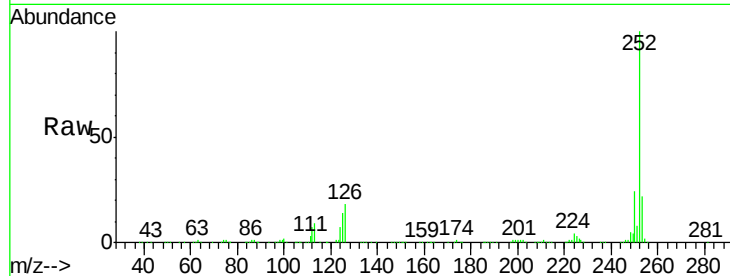
#87
Benzo(b)fluoranthene
Concen: 49.87 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	13.9	9.8	14.8

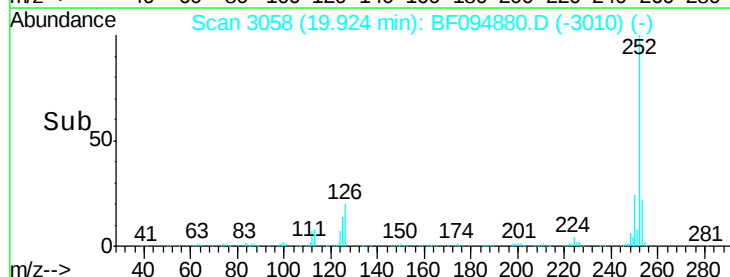
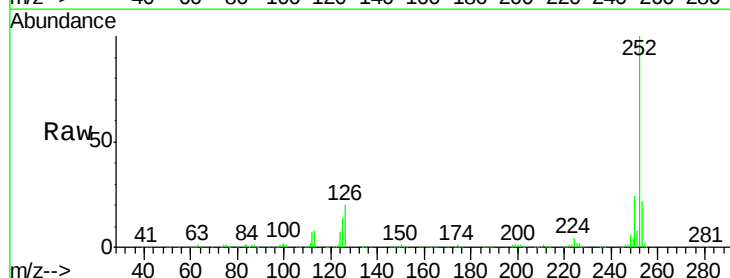
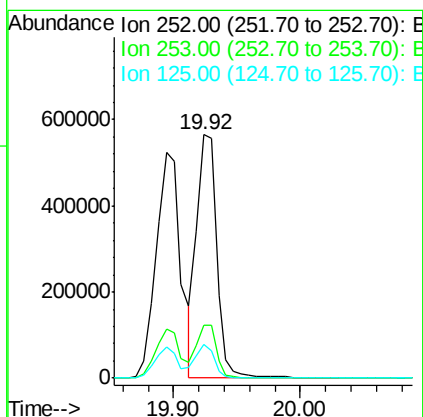
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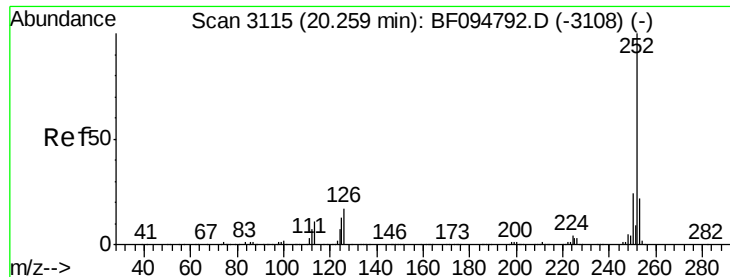
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#88
Benzo(k)fluoranthene
Concen: 45.23 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	14.0	13.1	19.7





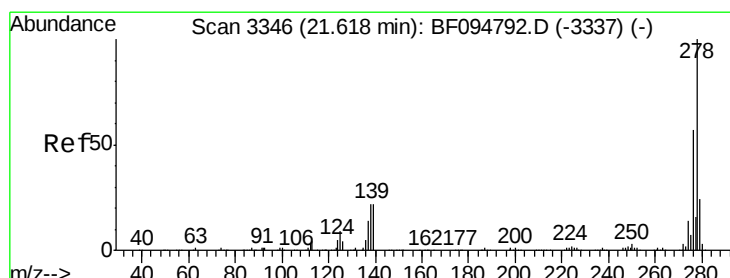
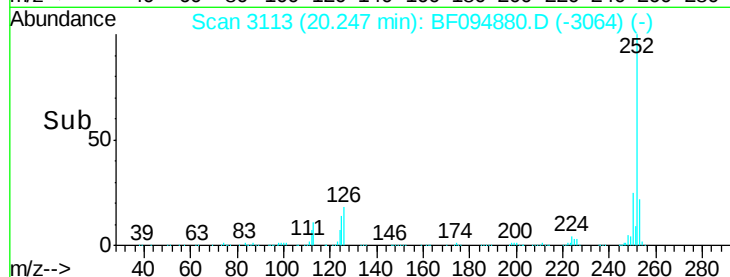
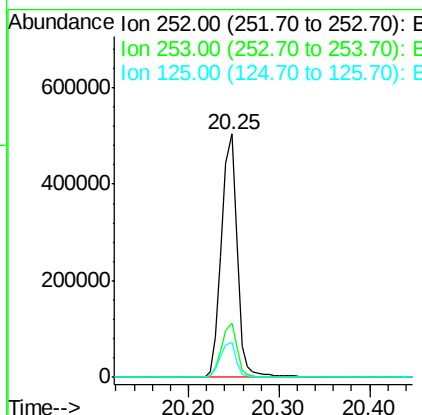
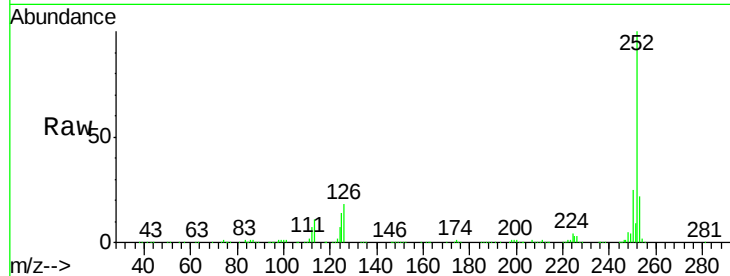
#89
Benzo(a)pyrene
Concen: 46.33 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :
PB98591BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.3	11.0	16.4

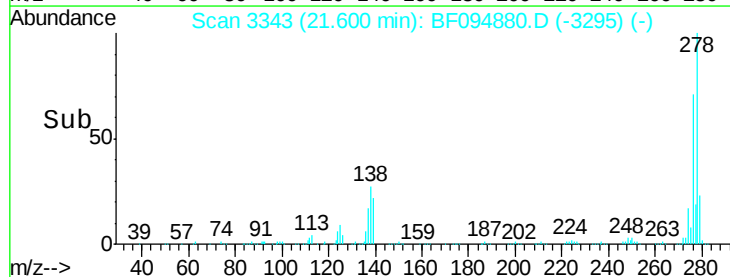
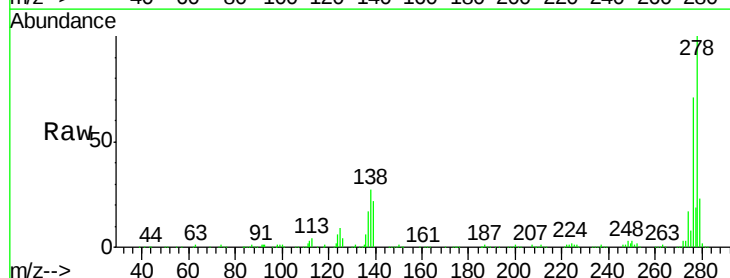
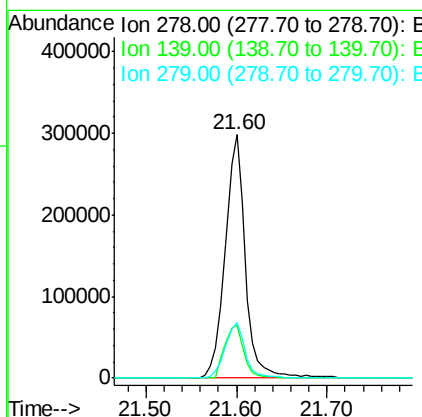
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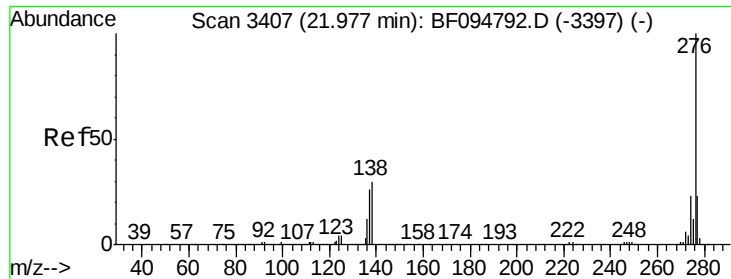
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#90
Dibenzo(a,h)anthracene
Concen: 42.86 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.0	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 39.37 ng
 RT: 21.96 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 PB98591BS

Tgt Ion:	276	Resp:	415556
Ion Ratio		Lower	Upper
276	100		
277	23.2	18.6	28.0
138	26.6	25.4	38.0

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