

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096251.D
 Acq On : 28 Jun 2017 16:01
 Operator : SJ/MA
 Sample : I3880-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MS

Manual Integrations
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mohammad
 6/29/2017 5:59:27 PM

Quant Time: Jun 29 02:02:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	167746	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	687125	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	265709	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	415863	20.00	ng	0.00
75) Chrysene-d12	13.93	240	365547	20.00	ng	0.01
86) Perylene-d12	15.35	264	375015	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	472460	40.58	ng	0.00
7) Phenol-d6	6.40	99	717963	50.92	ng	0.01
23) Nitrobenzene-d5	7.34	82	394780	39.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	189880	90.80	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	798867	55.06	ng	-0.01
78) Terphenyl-d14	12.88	244	677143	46.22	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	46915	8.45	ng	# 81
3) Pyridine	3.22	79	122591	8.05	ng	# 76
4) n-Nitrosodimethylamine	3.12	42	91696	12.17	ng	# 90
6) Aniline	6.44	93	261854	13.47	ng	98
8) 2-Chlorophenol	6.56	128	187787	16.44	ng	93
9) Benzaldehyde	6.32	77	79984	6.50	ng	93
10) Phenol	6.42	94	290734	18.76	ng	87
11) bis(2-Chloroethyl)ether	6.51	93	176529	13.92	ng	91
12) 1,3-Dichlorobenzene	6.72	146	152447	12.11	ng	96
13) 1,4-Dichlorobenzene	6.80	146	152019	12.03	ng	96
14) 1,2-Dichlorobenzene	6.95	146	152705	13.26	ng	98
15) Benzyl Alcohol	6.92	79	190933	20.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	378322	14.12	ng	91
17) 2-Methylphenol	7.03	107	172424	17.40	ng	96
18) Hexachloroethane	7.30	117	51546	11.31	ng	# 80
19) n-Nitroso-di-n-propylamine	7.19	70	161188	19.08	ng	# 82
20) 3+4-Methylphenols	7.18	107	231927	20.52	ng	92
22) Acetophenone	7.19	105	279314	19.56	ng	# 95
24) Nitrobenzene	7.36	77	209154	19.03	ng	94
25) Isophorone	7.60	82	464440	20.60	ng	99
26) 2-Nitrophenol	7.67	139	102064	23.69	ng	# 83
27) 2,4-Dimethylphenol	7.72	122	214687	21.08	ng	94
28) bis(2-Chloroethoxy)methane	7.81	93	297426	19.48	ng	96
29) 2,4-Dichlorophenol	7.92	162	187883	21.63	ng	93
30) 1,2,4-Trichlorobenzene	8.00	180	139748	16.21	ng	97
31) Naphthalene	8.09	128	592321	17.89	ng	99
32) Benzoic acid	7.79	122	82761	18.17	ng	94
33) 4-Chloroaniline	8.13	127	248570	18.13	ng	97
34) Hexachlorobutadiene	8.21	225	63975	14.96	ng	97
35) Caprolactam	8.47	113	68234	22.73	ng	# 62
36) 4-Chloro-3-methylphenol	8.60	107	214524	22.70	ng	88
37) 2-Methylnaphthalene	8.77	142	434656	20.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	145904	22.68	ng	98
40) Hexachlorocyclopentadiene	8.93	237	69995	24.28	ng	95

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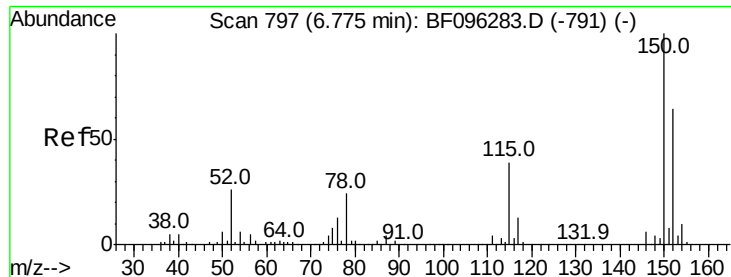
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	122390	25.24	nq	100
43) 2,4,5-Trichlorophenol	9.09	196	127617	24.97	nq	97
45) 1,1'-Biphenyl	9.24	154	514830	25.25	nq	95
46) 2-Chloronaphthalene	9.26	162	390992	23.12	nq	94
47) 2-Nitroaniline	9.35	65	151610	28.38	nq	91
48) Acenaphthylene	9.67	152	633113	22.56	nq	96
49) Dimethylphthalate	9.53	163	645596	33.95	nq	99
50) 2,6-Dinitrotoluene	9.59	165	100726	25.47	nq	# 80
51) Acenaphthene	9.85	154	381503	23.10	nq	98
52) 3-Nitroaniline	9.76	138	119450	23.58	nq	97
53) 2,4-Dinitrophenol	9.86	184	32069	29.68	nq	# 74
54) Dibenzofuran	10.02	168	553759	25.68	nq	98
55) 4-Nitrophenol	9.92	139	196012	47.86	nq	# 72
56) 2,4-Dinitrotoluene	9.99	165	128503	25.78	nq	# 76
57) Fluorene	10.36	166	399016	23.34	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	95216	26.67	nq	99
59) Diethylphthalate	10.24	149	483393	25.32	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	166108	23.60	nq	94
61) 4-Nitroaniline	10.36	138	106264	24.11	nq	88
62) Azobenzene	10.52	77	488289	25.36	nq	96
64) 4,6-Dinitro-2-methylphenol	10.40	198	27170	18.93	nq	91
65) n-Nitrosodiphenylamine	10.47	169	374480	25.04	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	107997	25.24	nq	94
67) Hexachlorobenzene	10.91	284	113419	25.78	nq	# 87
68) Atrazine	10.99	200	103710	26.28	nq	95
69) Pentachlorophenol	11.10	266	132253	52.67	nq	96
70) Phenanthrene	11.32	178	586207	24.63	nq	98
71) Anthracene	11.37	178	582232	25.05	nq	99
72) Carbazole	11.52	167	593102	23.12	nq	97
73) Di-n-butylphthalate	11.86	149	752810	27.79	nq	99
74) Fluoranthene	12.50	202	575128	24.90	nq	96
76) Benzidine	12.62	184	59713	4.36	nq	94
77) Pyrene	12.73	202	594643	19.79	nq	99
79) Butylbenzylphthalate	13.36	149	314125	22.82	nq	# 83
80) Benzo(a)anthracene	13.92	228	479072	21.50	nq	98
81) 3,3'-Dichlorobenzidine	13.87	252	170036	20.04	nq	96
82) Chrysene	13.95	228	489804	21.25	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	396019	26.47	nq	# 99
84) Di-n-octyl phthalate	14.53	149	794277	25.77	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.74	276	486886	25.45	nq	98
87) Benzo(b)fluoranthene	14.94	252	516653m	20.97	nq	
88) Benzo(k)fluoranthene	14.97	252	491070	21.83	nq	96
89) Benzo(a)pyrene	15.29	252	477577	21.95	nq	97
90) Dibenzo(a,h)anthracene	16.76	278	410037	24.07	nq	97
91) Benzo(g,h,i)perylene	17.17	276	393641	22.23	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampled :

TS-1MS

Tot Ion:152 Resp: 167746

Ion Ratio Lower Upper

152 100

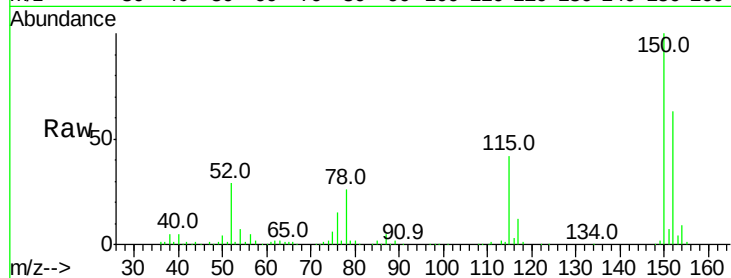
150 159.8 126.2 189.2

115 67.5 52.2 78.2

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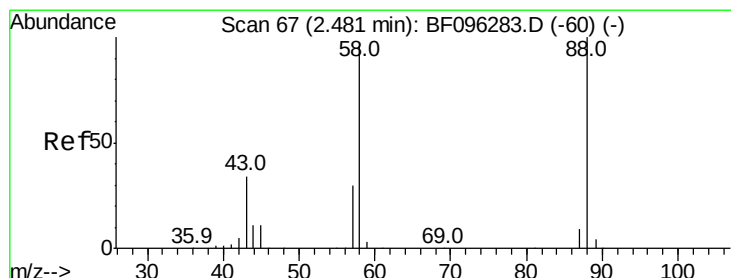
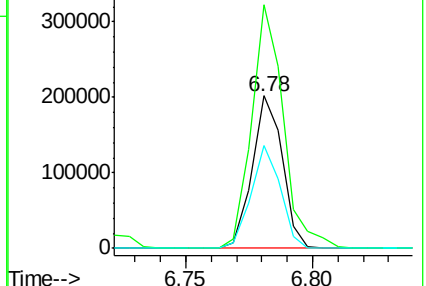
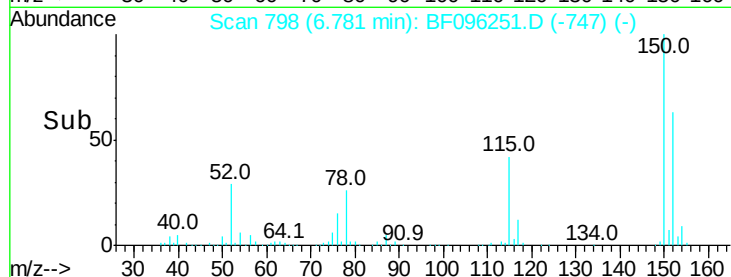
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.45 ng

RT: 2.48 min Scan# 67

Delta R.T. -0.02 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

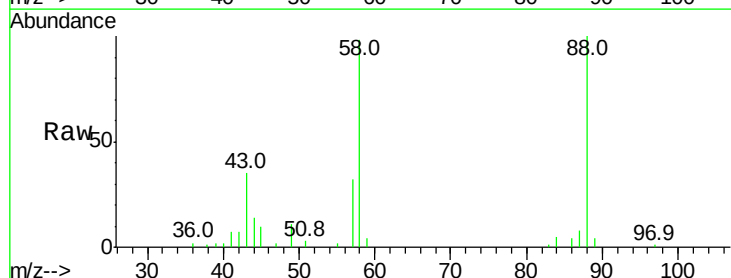
Tgt Ion: 88 Resp: 46915

Ion Ratio Lower Upper

88 100

58 96.5 61.4 92.0#

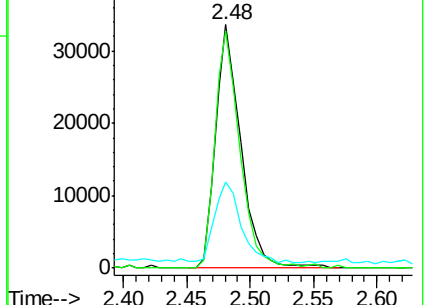
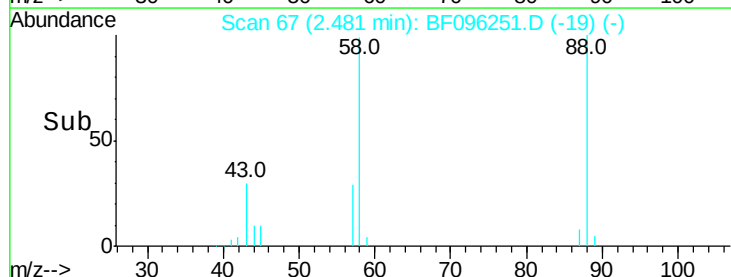
43 34.5 23.4 35.0

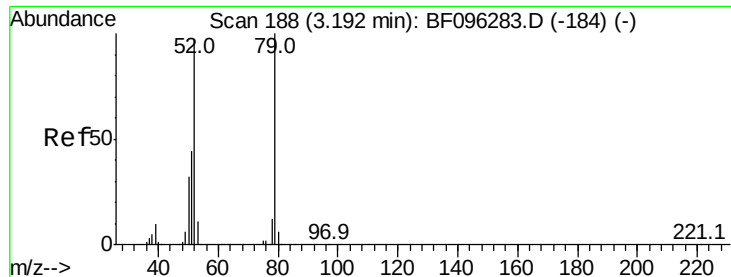


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





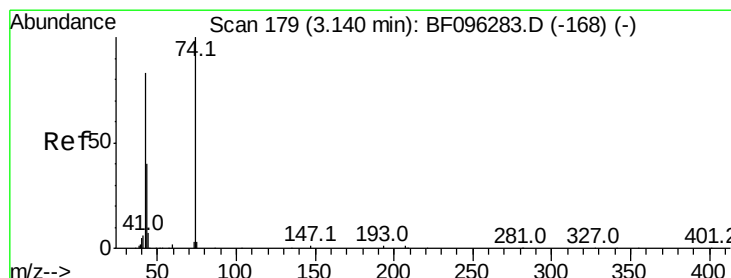
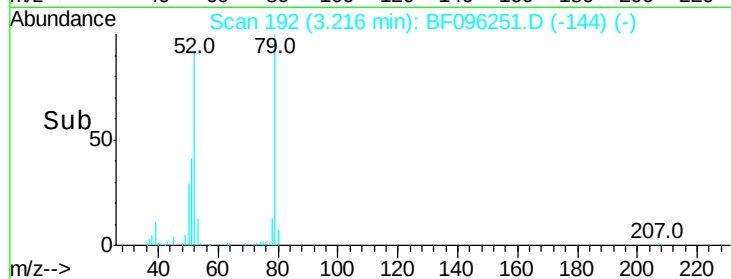
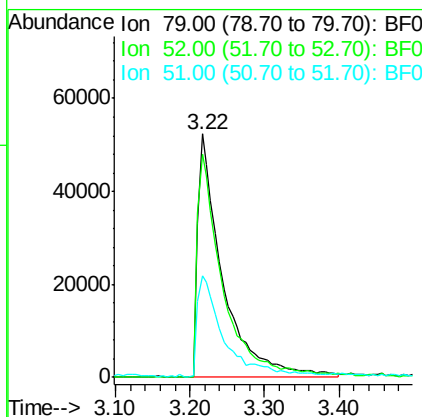
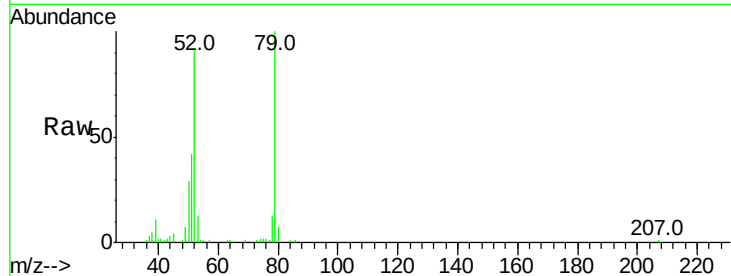
#3
 Pvridine
 Concen: 8.05 ng
 RT: 3.22 min Scan# 192
 Delta R.T. -0.02 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	91.6	54.8	82.2#		
51	41.9	27.0	40.4#		

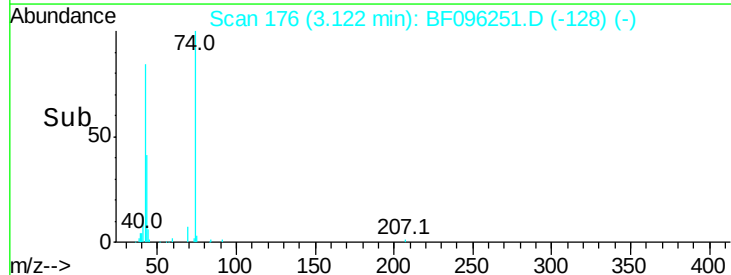
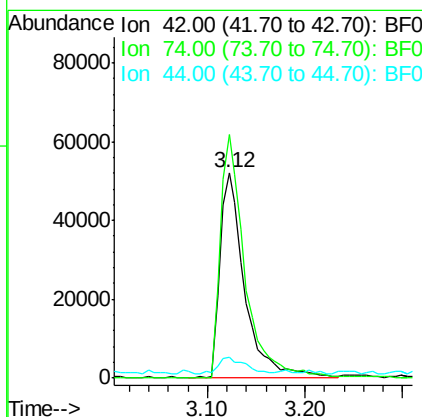
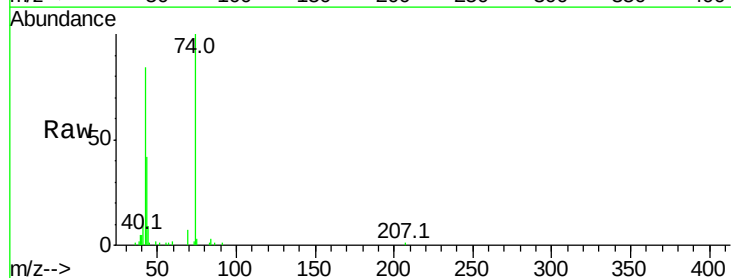
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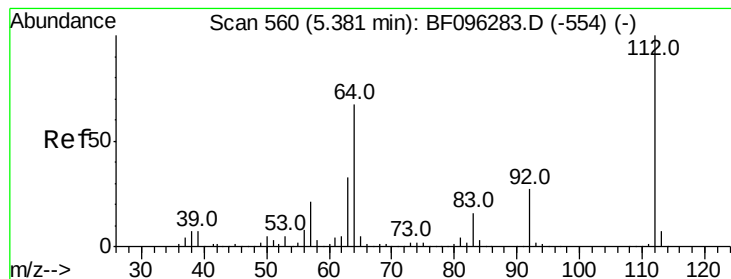
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#4
 n-Nitrosodimethylamine
 Concen: 12.17 ng
 RT: 3.12 min Scan# 176
 Delta R.T. -0.02 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	118.5	103.9	155.9		
44	10.1	5.7	8.5#		





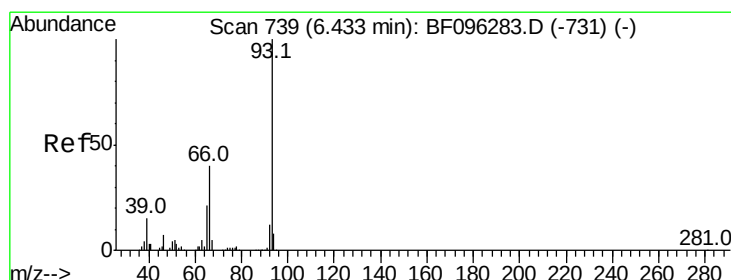
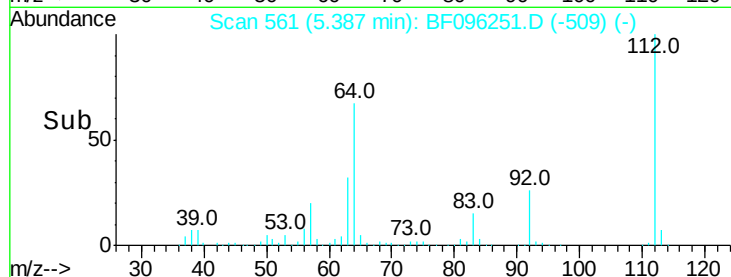
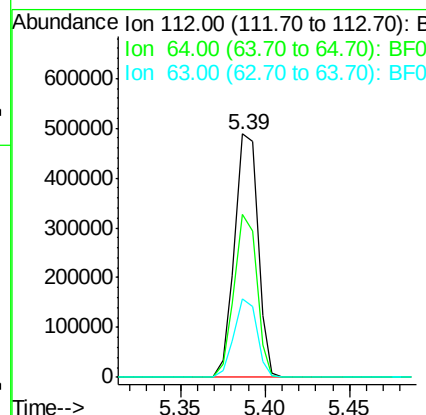
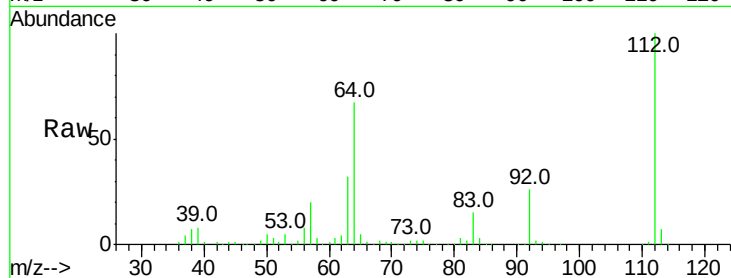
#5
2-Fluorophenol
Concen: 40.58 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	472460		
64	66.9	46.0	69.0	
63	32.0	23.4	35.0	

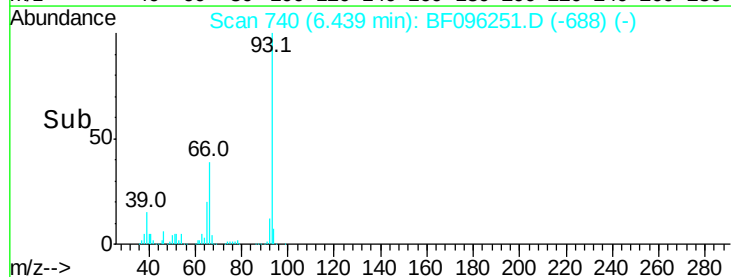
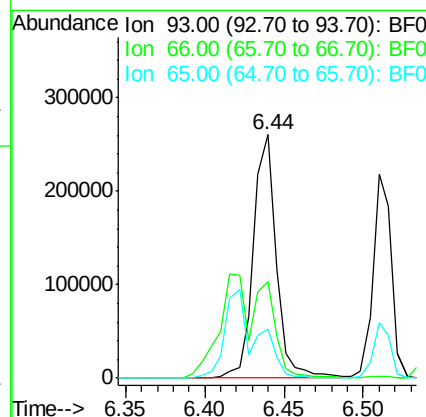
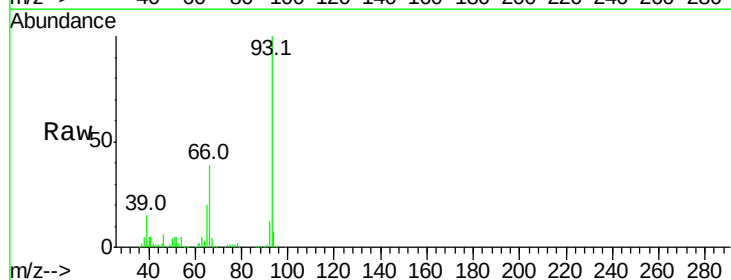
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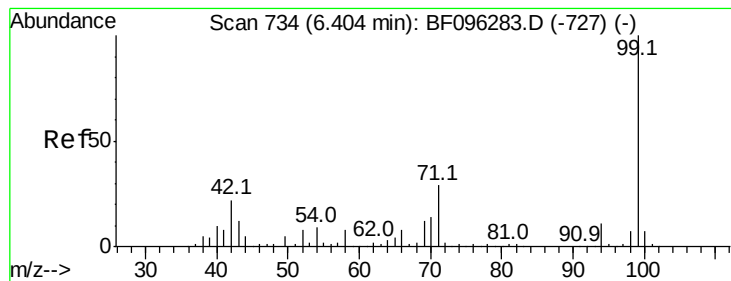
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#6
Aniline
Concen: 13.47 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	261854		
66	39.4	32.9	49.3	
65	20.4	16.0	24.0	





#7

Phenol-d6

Concen: 50.92 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

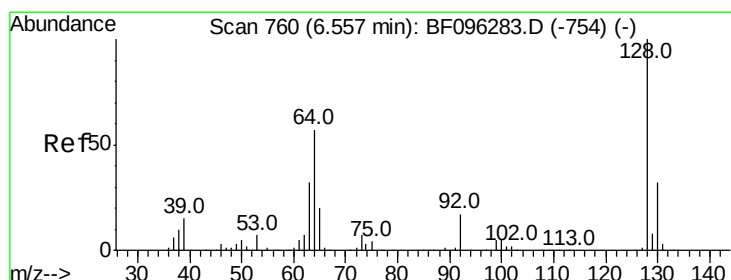
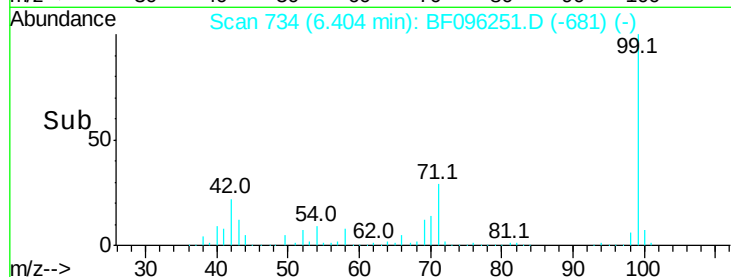
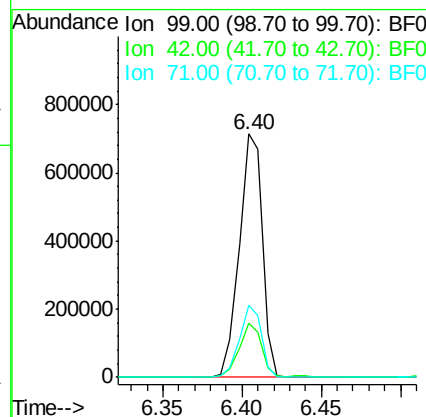
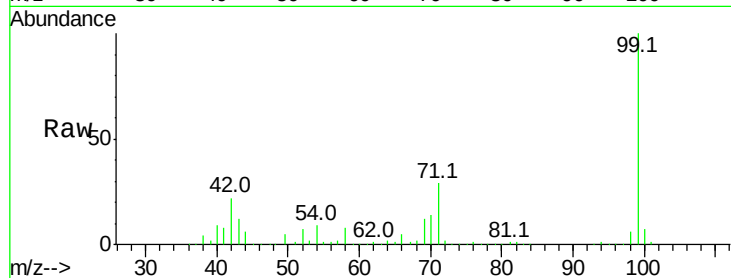
ClientSampled :

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Tot Ion:	99	Resp:	717963
Ion Ratio	Lower	Upper	
99	100		
42	22.2	13.5	20.3#
71	29.5	24.5	36.7

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#8

2-Chlorophenol

Concen: 16.44 ng

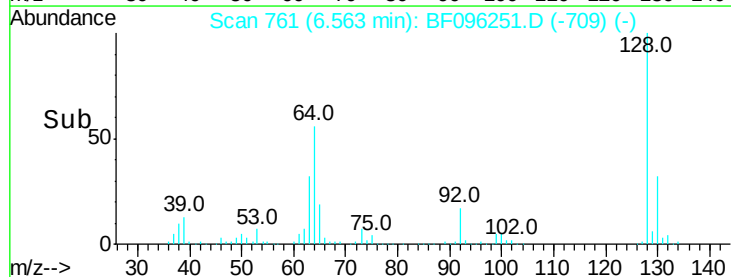
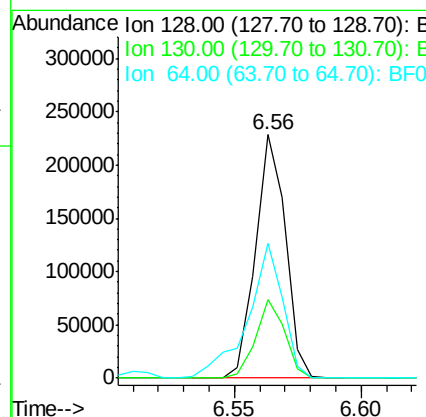
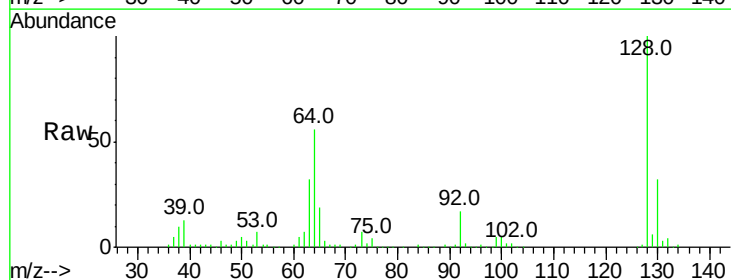
RT: 6.56 min Scan# 761

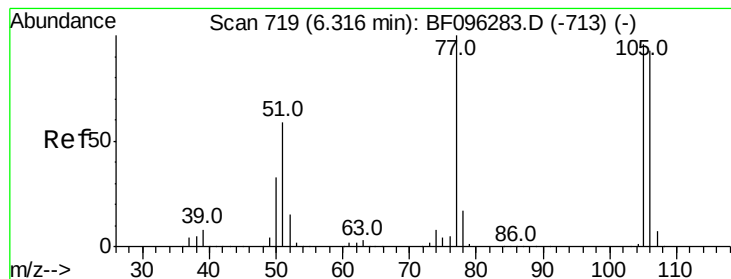
Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion:	128	Resp:	187787
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	55.6	28.4	68.4





#9

Benzaldehyde

Concen: 6.50 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

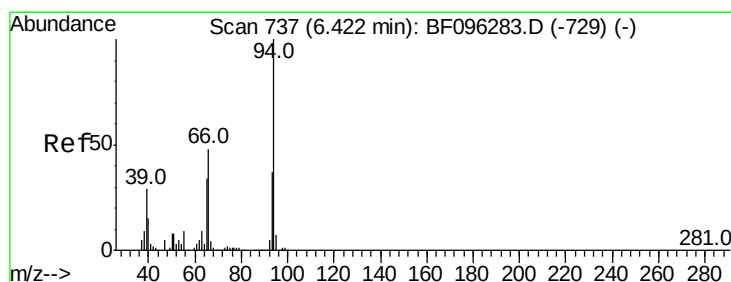
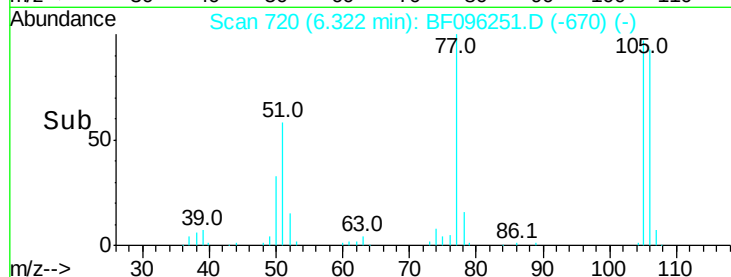
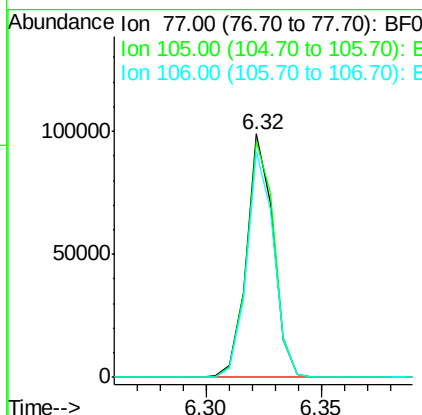
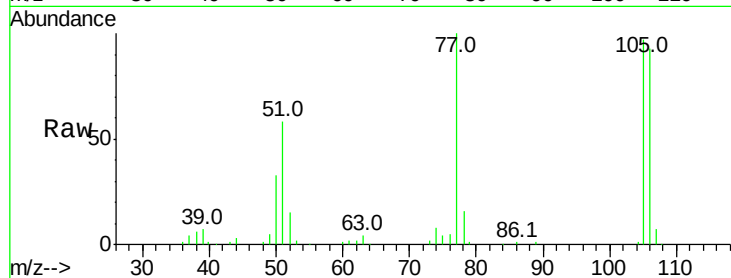
ClientSampled :

TS-1MS

Tot Ion:	77	Resp:	79984
Ion	Ratio	Lower	Upper
77	100		
105	96.7	83.8	123.8
106	92.8	79.1	119.1

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#10

Phenol

Concen: 18.76 ng

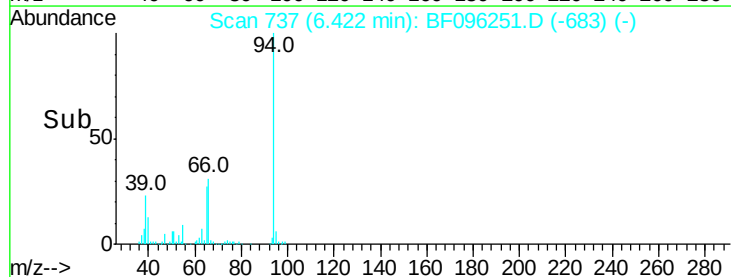
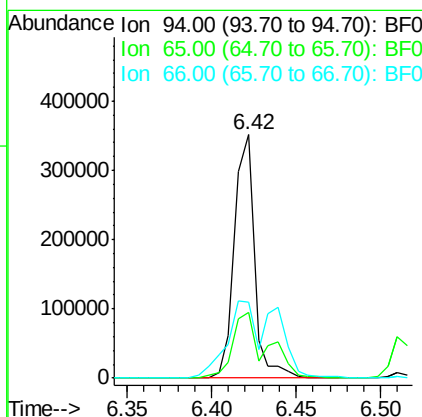
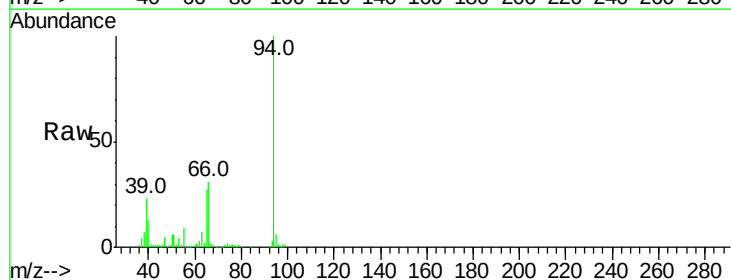
RT: 6.42 min Scan# 737

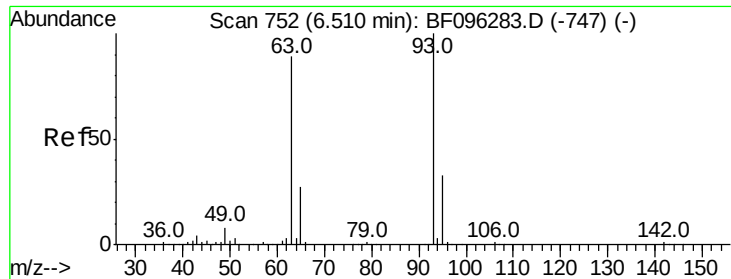
Delta R.T. 0.02 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion:	94	Resp:	290734
Ion	Ratio	Lower	Upper
94	100		
65	26.9	9.9	49.9
66	31.4	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 13.92 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

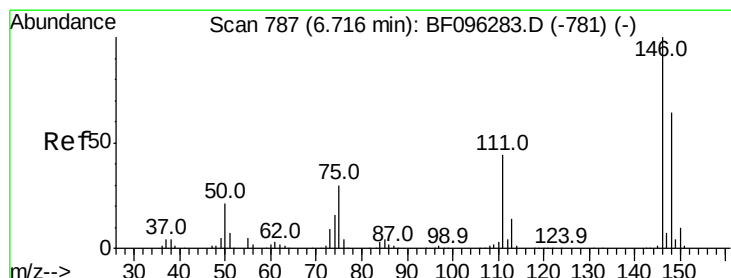
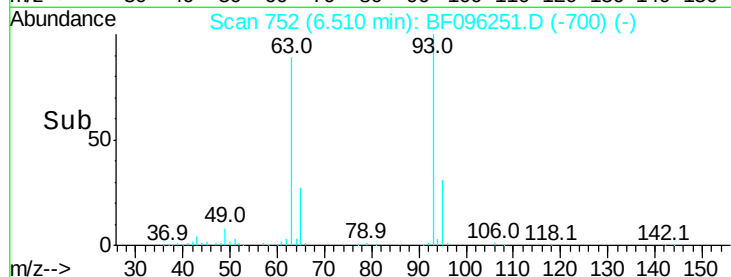
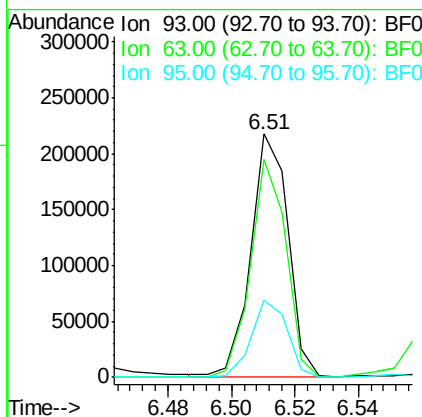
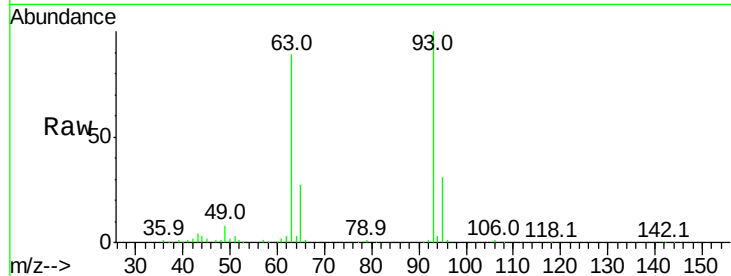
ClientSampleId :

TS-1MS

Tot Ion:	93	Resp:	176529
Ion Ratio	Lower	Upper	
93	100		
63	89.4	59.2	99.2
95	31.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 12.11 ng

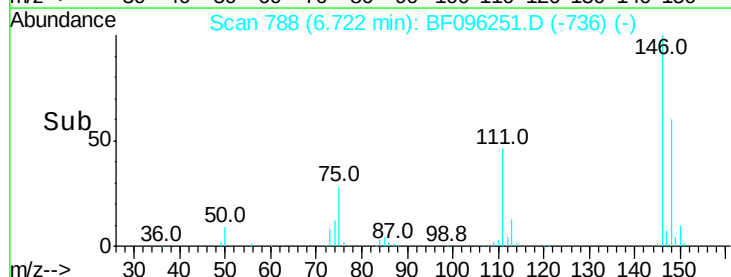
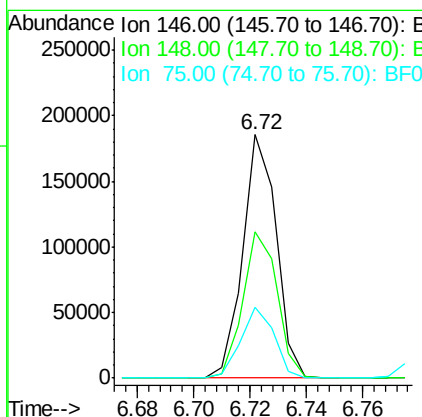
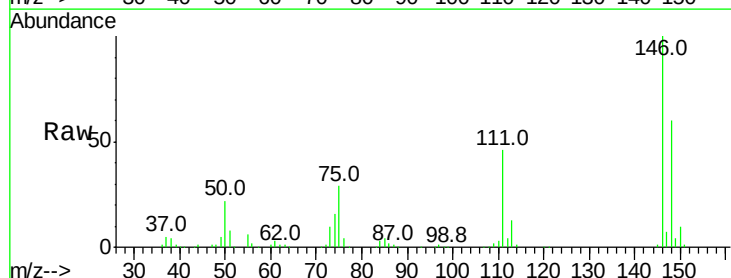
RT: 6.72 min Scan# 788

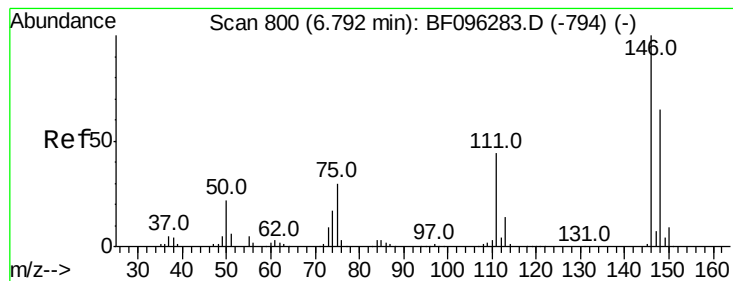
Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion:	146	Resp:	152447
Ion Ratio	Lower	Upper	
146	100		
148	60.0	51.8	77.6
75	29.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 12.03 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

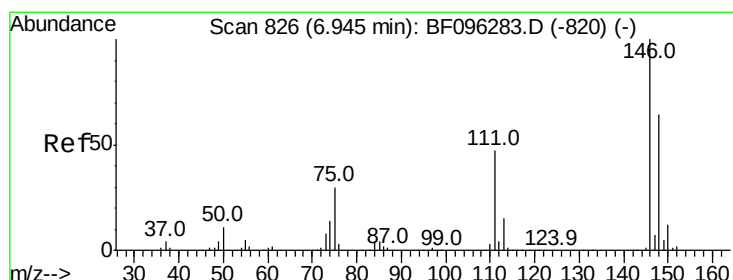
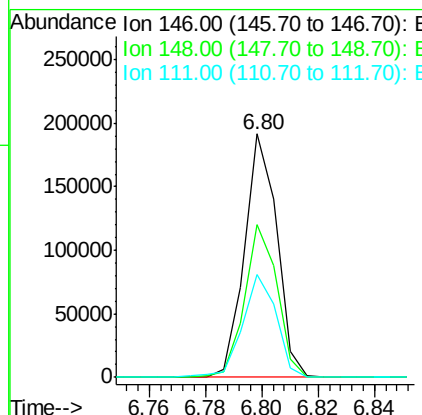
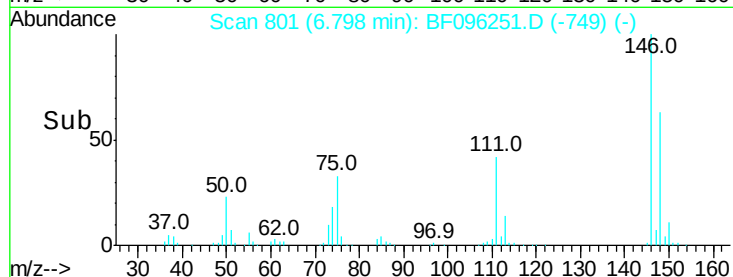
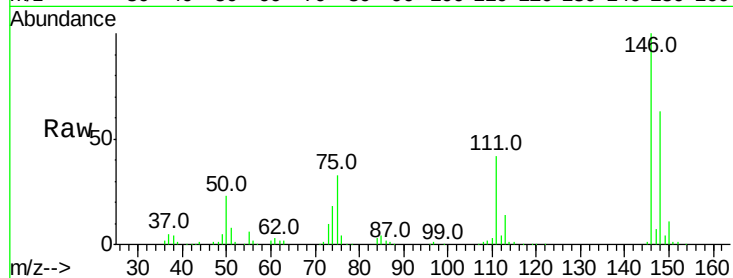
ClientSampled :

TS-1MS

Tot Ion:	146	Resp:	152019
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.2	78.2
111	42.3	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 13.26 ng

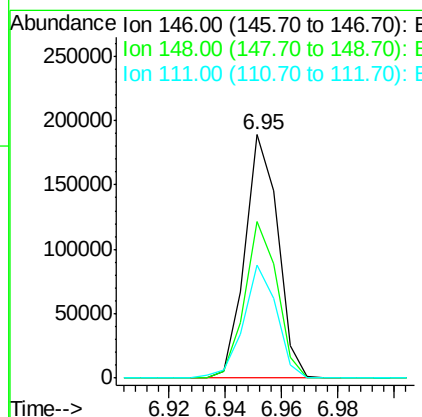
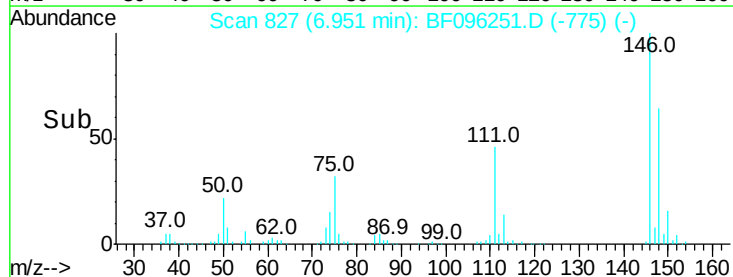
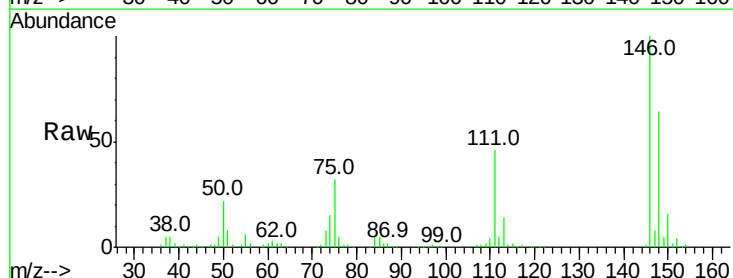
RT: 6.95 min Scan# 827

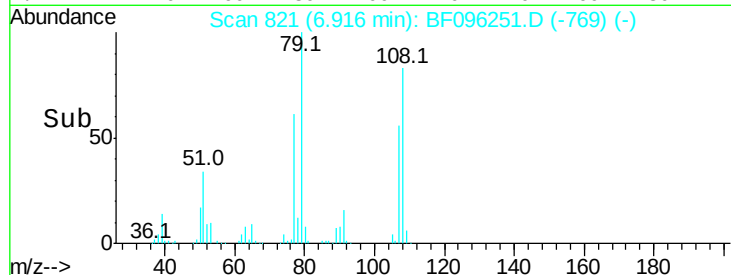
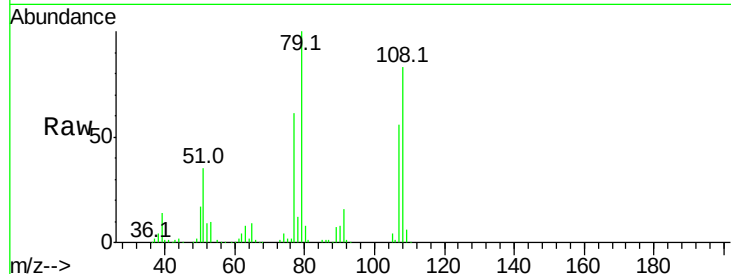
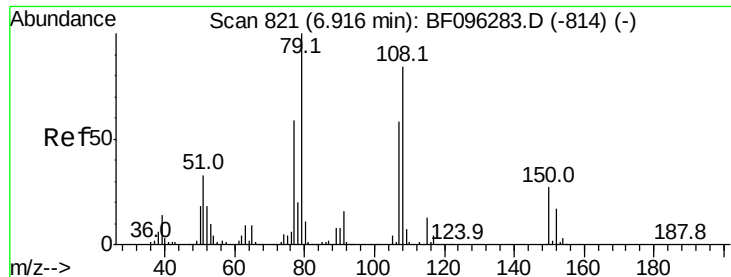
Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion:	146	Resp:	152705
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.4	75.6
111	46.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 20.07 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tot Ion:	79	Resp:	190933
Ion Ratio	Lower	Upper	
79	100		
108	82.6	63.4	95.0
77	60.6	49.2	73.8

Instrument :

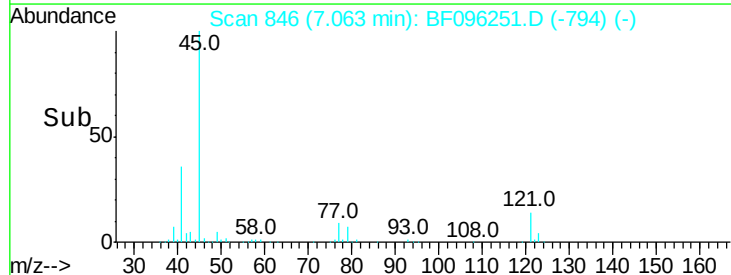
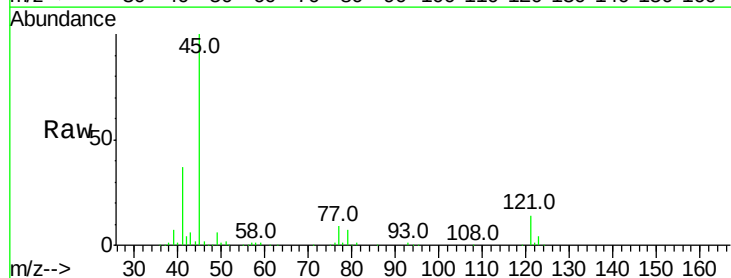
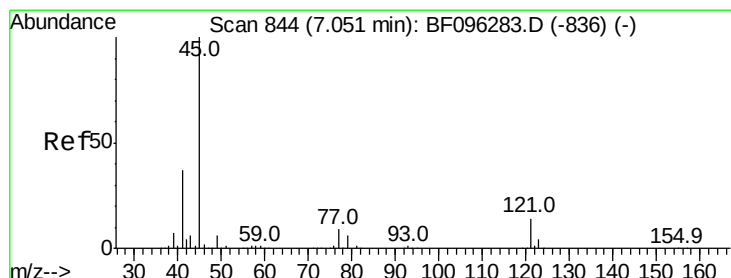
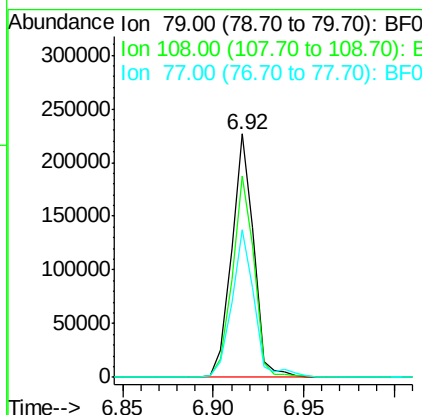
BNA_F

ClientSampleId :

TS-1MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 14.12 ng

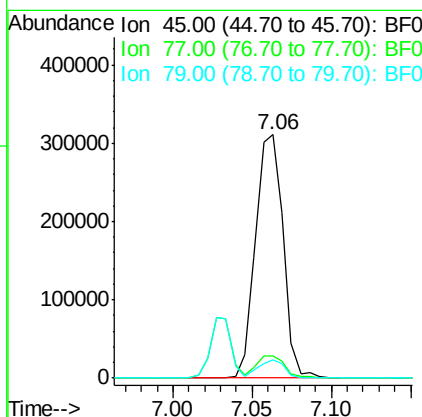
RT: 7.06 min Scan# 846

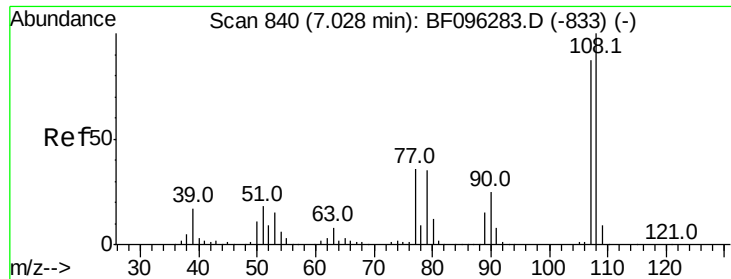
Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion:	45	Resp:	378322
Ion Ratio	Lower	Upper	
45	100		
77	9.3	0.0	33.2
79	7.3	0.0	30.0





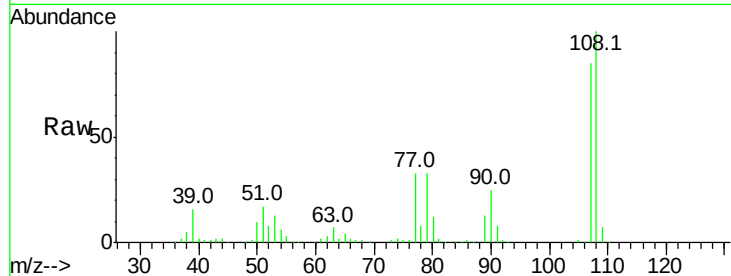
#17
2-Methylphenol
Concen: 17.40 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

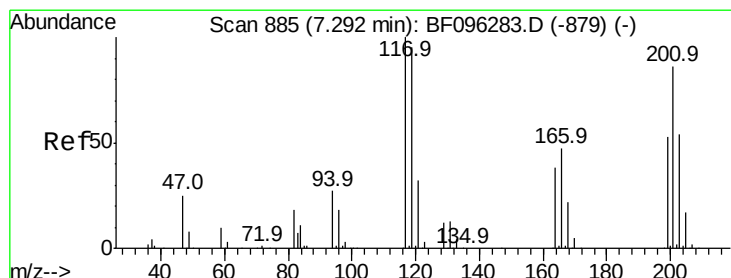
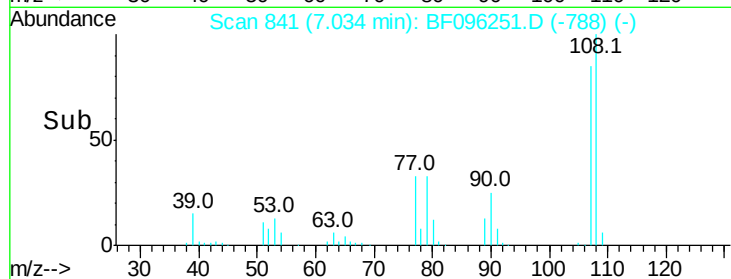
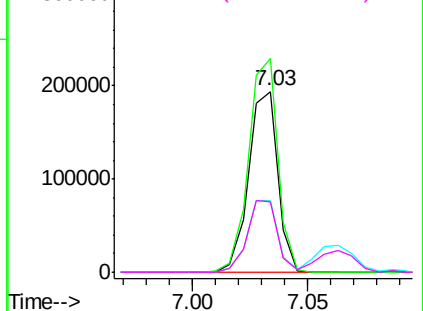
Tot Ion:	107	Resp:	172424
Ion	Ratio	Lower	Upper
107	100		
108	118.0	93.4	140.0
77	39.4	35.8	53.6
79	39.2	34.8	52.2

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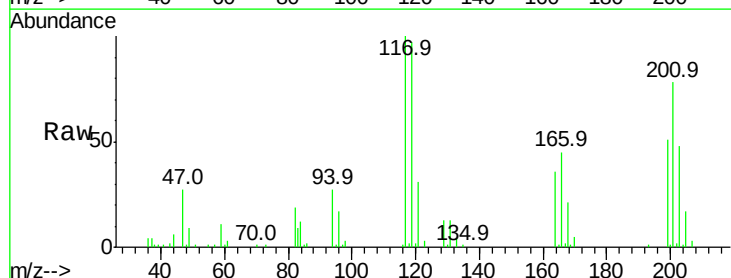


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

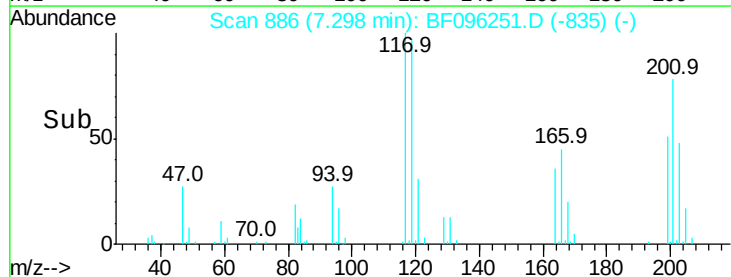
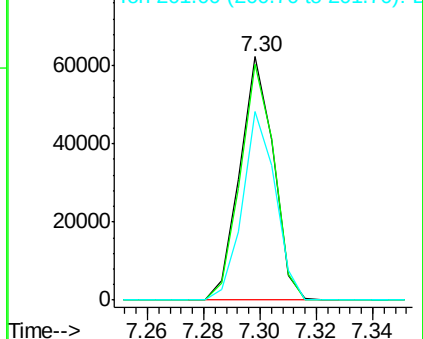


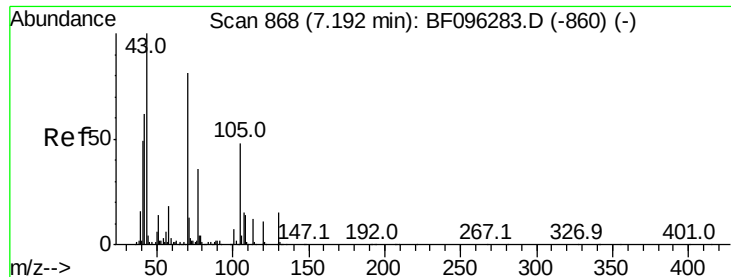
#18
Hexachloroethane
Concen: 11.31 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion:	117	Resp:	51546
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
201	77.7	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





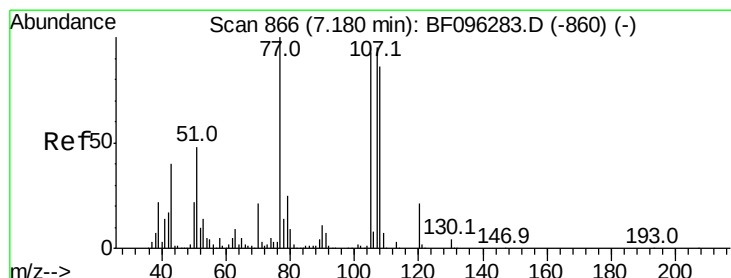
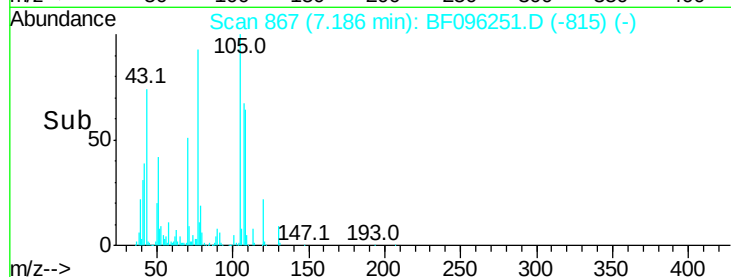
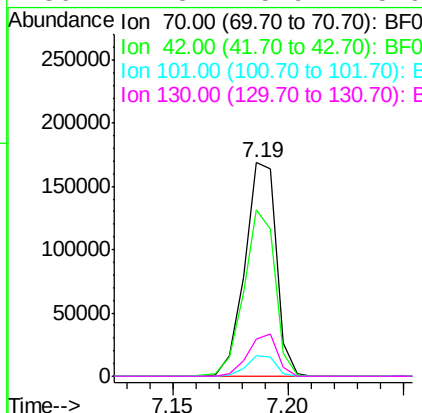
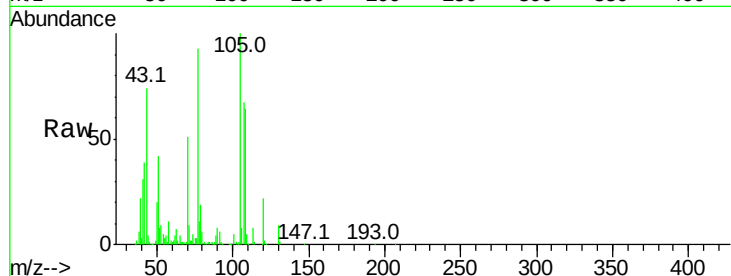
#19
n-Nitroso-di-n-propylamine
Concen: 19.08 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	70	Resp	161188
Ion Ratio	Lower	Upper	
70	100		
42	77.7	47.2	70.8#
101	9.3	7.2	10.8
130	17.3	15.9	23.9

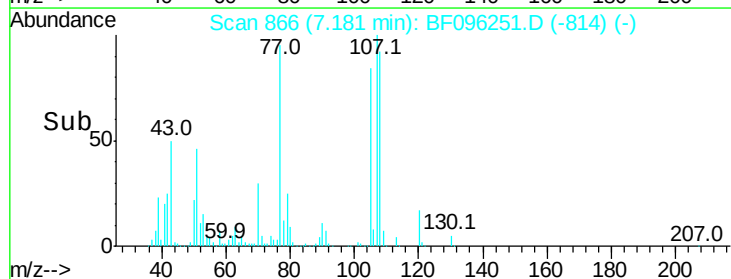
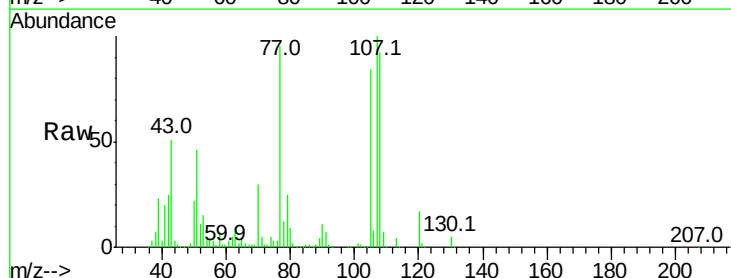
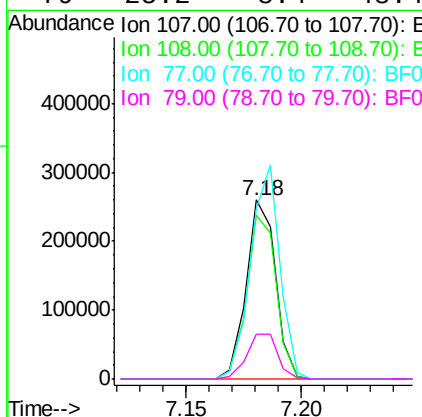
Manual Integrations
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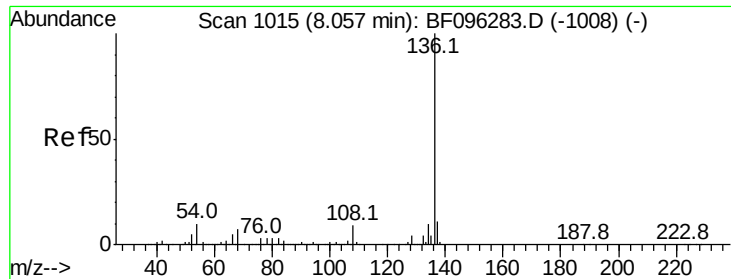
mohammad
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#20
3+4-Methylphenols
Concen: 20.52 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	107	Resp	231927
Ion Ratio	Lower	Upper	
107	100		
108	91.8	71.0	111.0
77	95.3	90.5	130.5
79	25.2	8.4	48.4





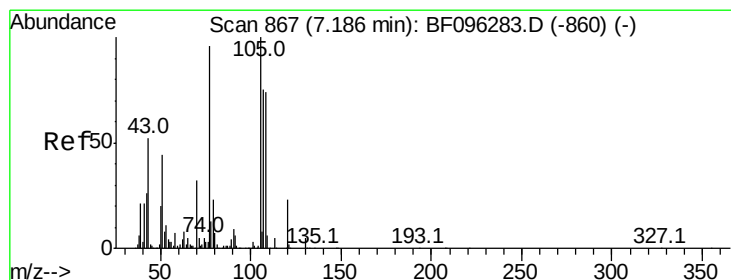
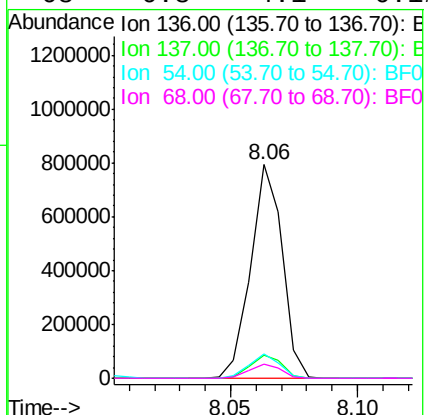
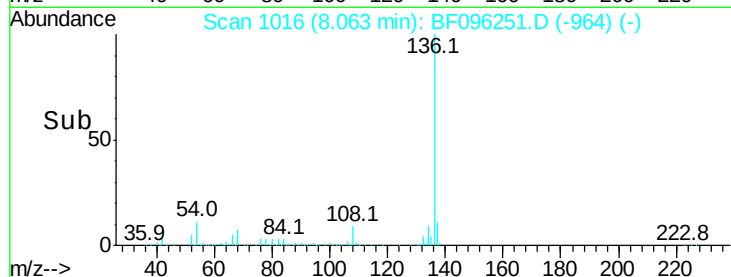
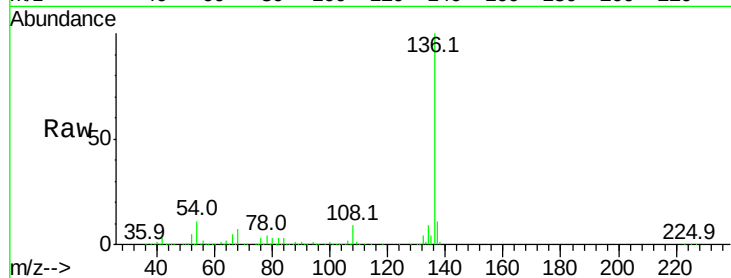
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	687125		
137	10.8		8.5	12.7
54	11.2		4.9	7.3#
68	6.8		4.1	6.1#

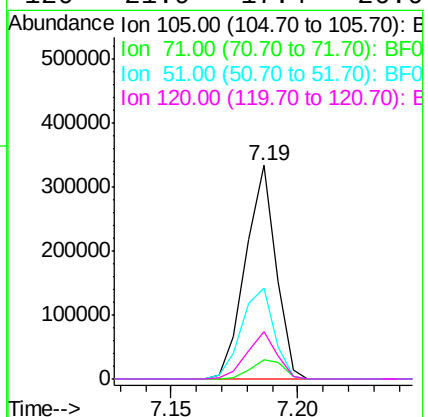
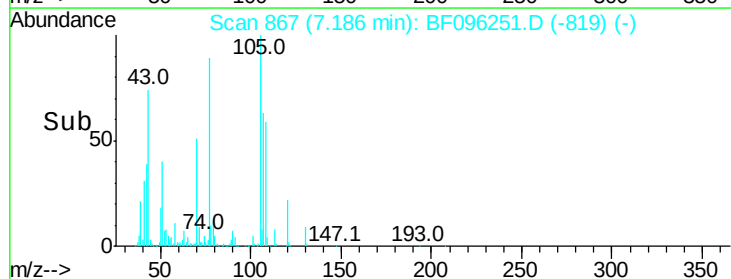
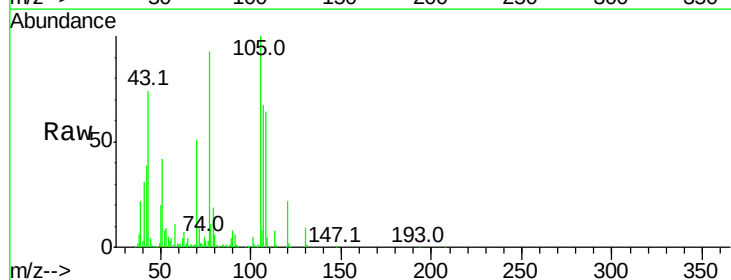
Manual Integrations
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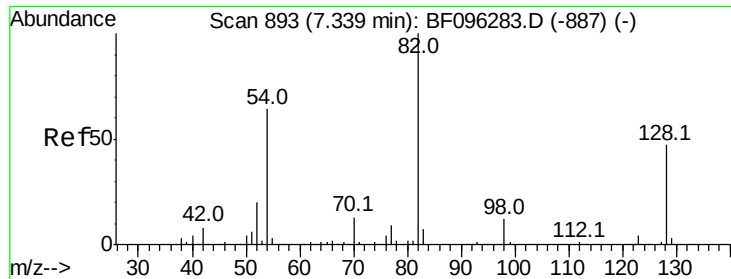
mohammad
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#22
Acetophenone
Concen: 19.56 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	279314		
71	8.8		2.8	4.2#
51	42.3		30.7	46.1
120	21.9		17.4	26.0





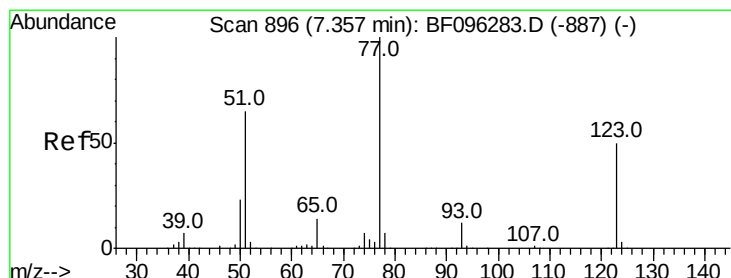
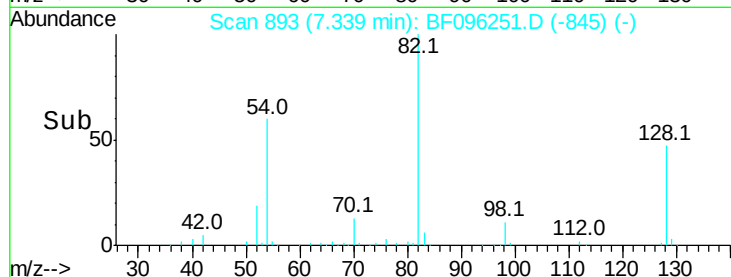
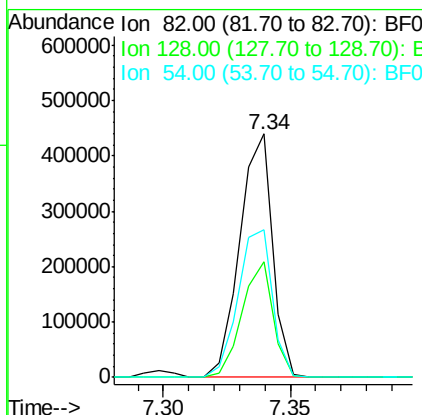
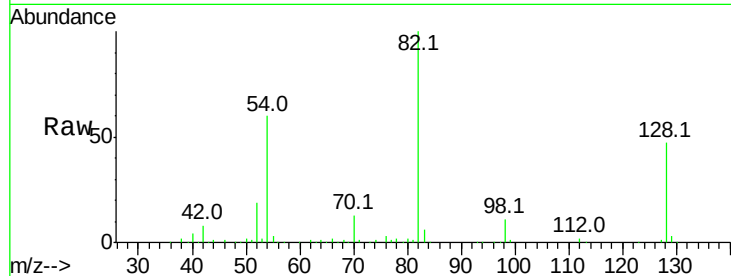
#23
Nitrobenzene-d5
Concen: 39.77 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	60.4	42.2	63.2

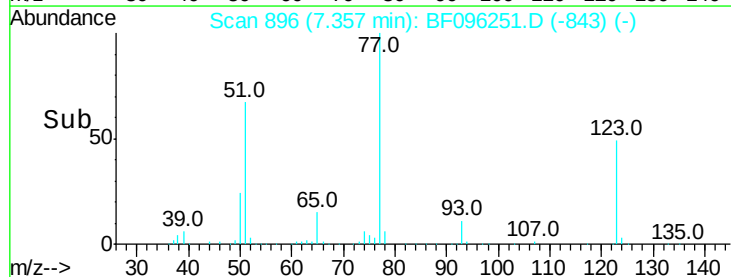
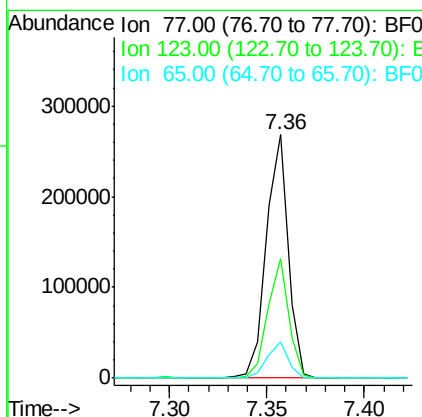
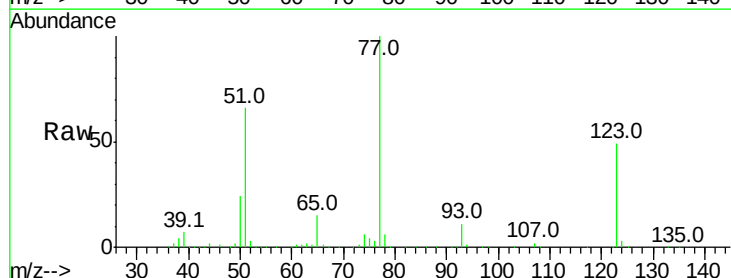
Manual Integrations
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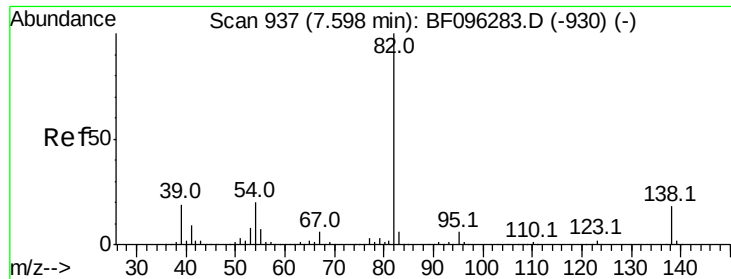
mohammad
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#24
Nitrobenzene
Concen: 19.03 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	35.8	53.8
65	15.1	10.6	15.8





#25

Isophorone

Concen: 20.60 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

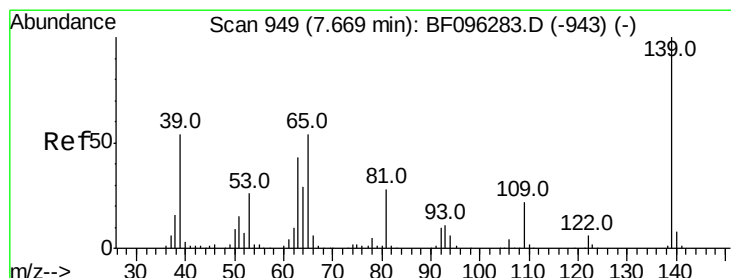
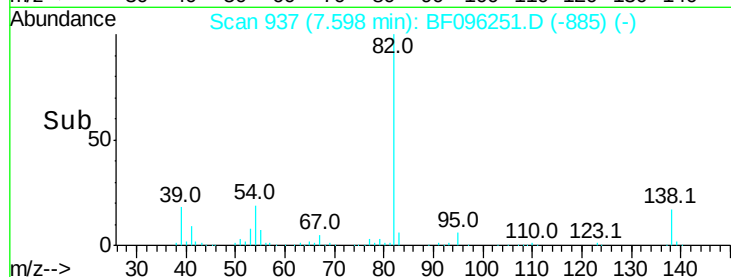
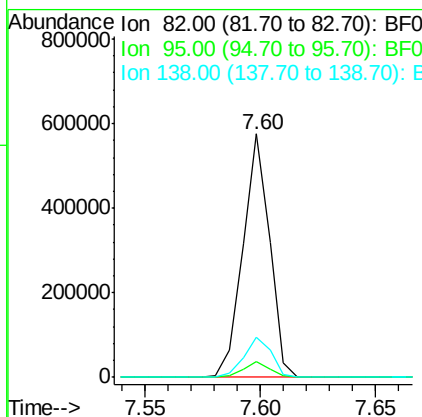
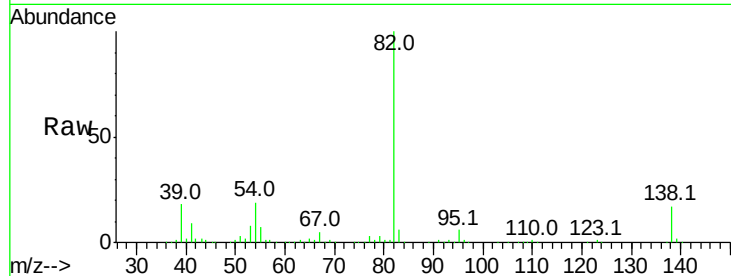
ClientSampleId :

TS-1MS

Tot Ion:	82	Resp:	464440
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.3	7.9
138	16.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 23.69 ng

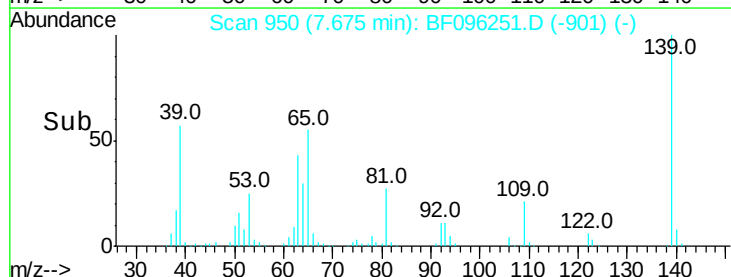
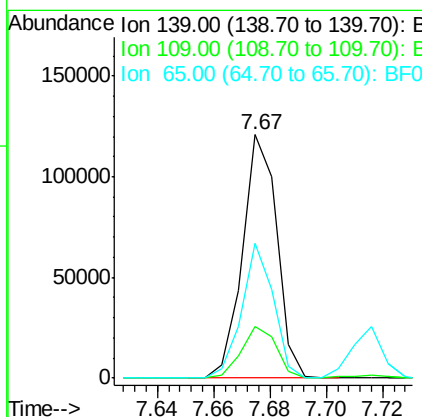
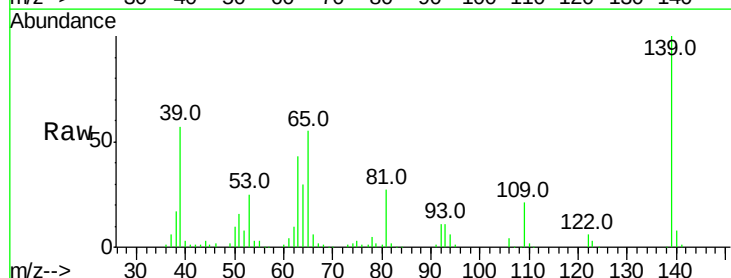
RT: 7.67 min Scan# 950

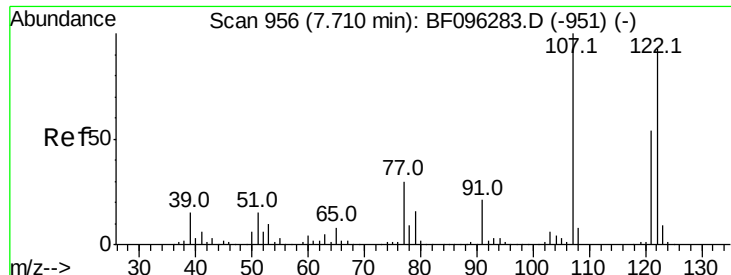
Delta R.T. -0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion:	139	Resp:	102064
Ion Ratio	Lower	Upper	
139	100		
109	21.4	21.0	31.6
65	55.3	33.0	49.6#





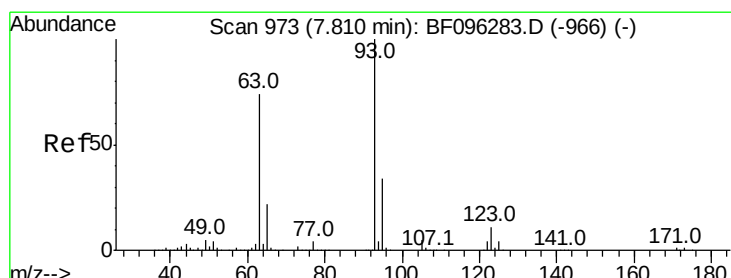
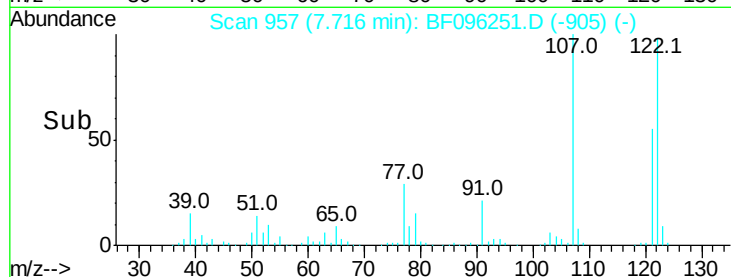
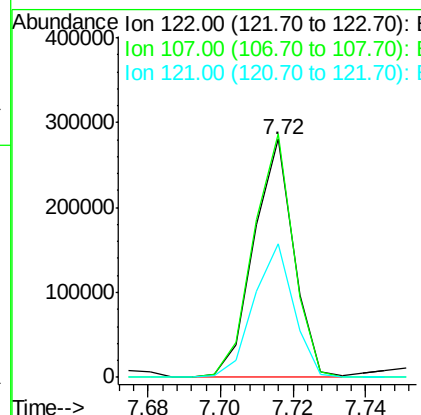
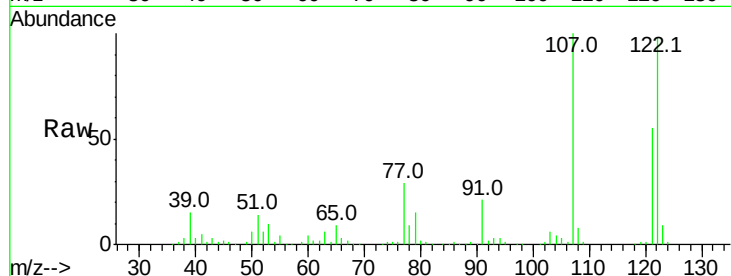
#27
 2,4-Dimethylphenol
 Concen: 21.08 ng
 RT: 7.72 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	214687		
107	102.2	89.2	133.8	
121	55.8	45.2	67.8	

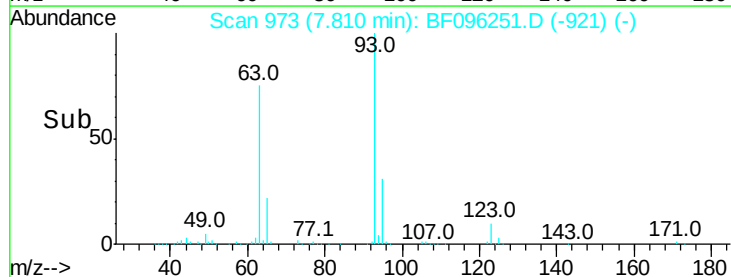
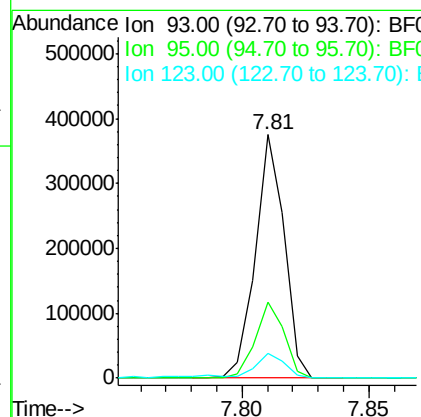
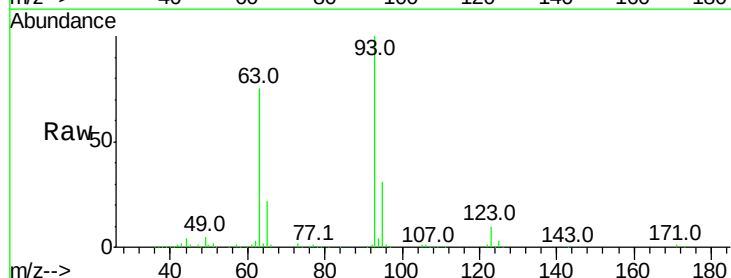
Manual Integrations
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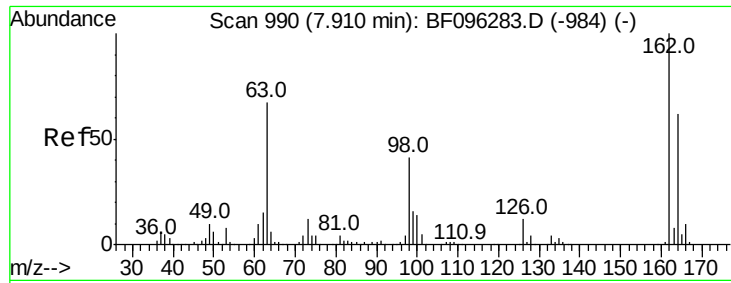
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 19.48 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	297426		
95	31.0	26.5	39.7	
123	10.0	9.0	13.4	





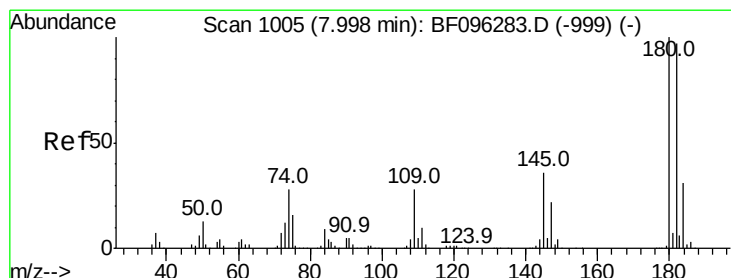
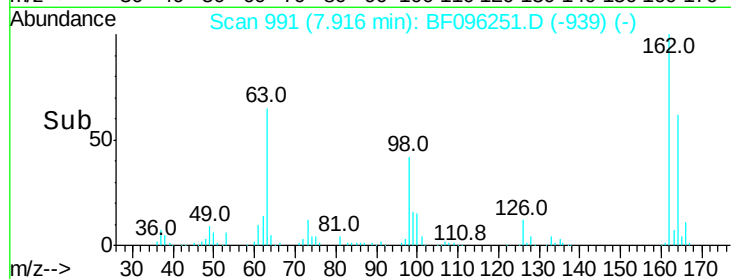
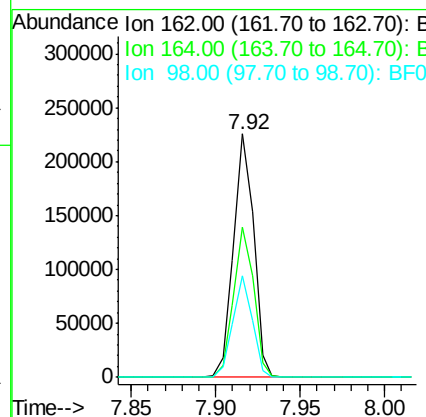
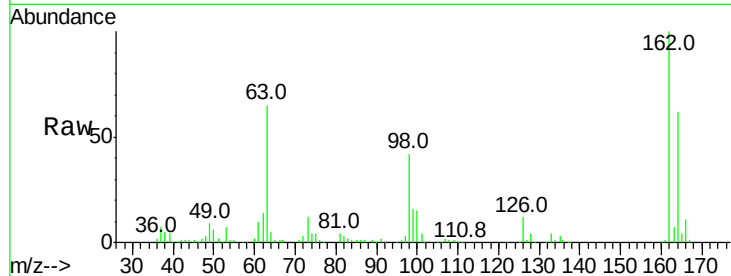
#29
 2,4-Dichlorophenol
 Concen: 21.63 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.8	44.6	84.6
98	41.9	14.8	54.8

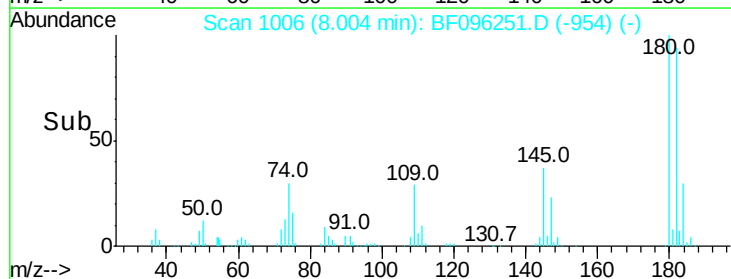
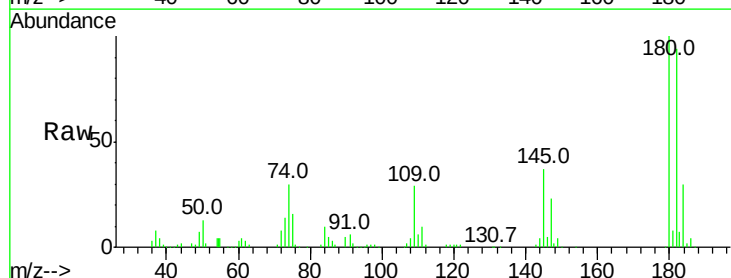
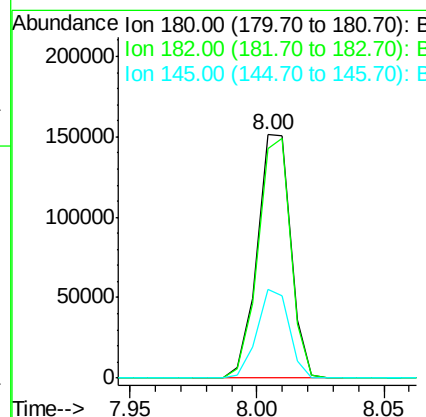
Manual Integrations
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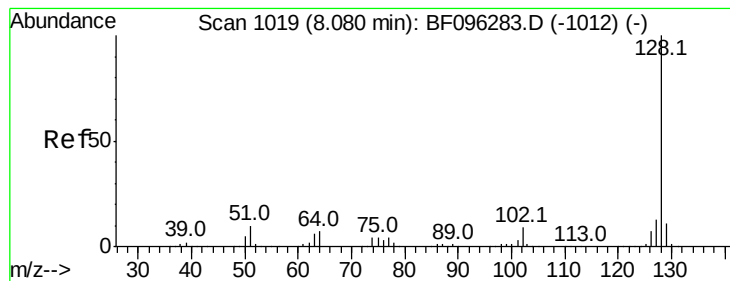
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 16.21 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	75.8	113.6
145	36.6	25.3	37.9





#31

Naphthalene

Concen: 17.89 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

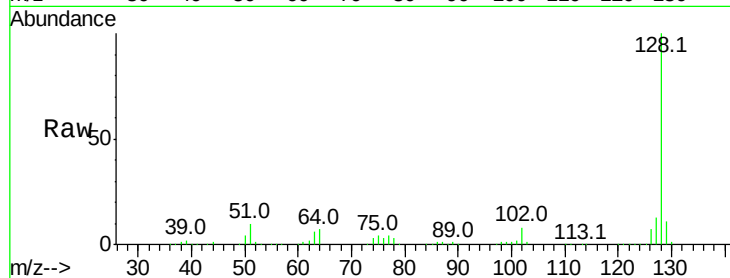
ClientSampleId :

TS-1MS

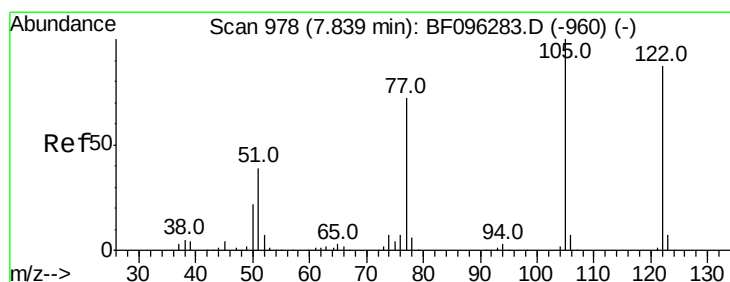
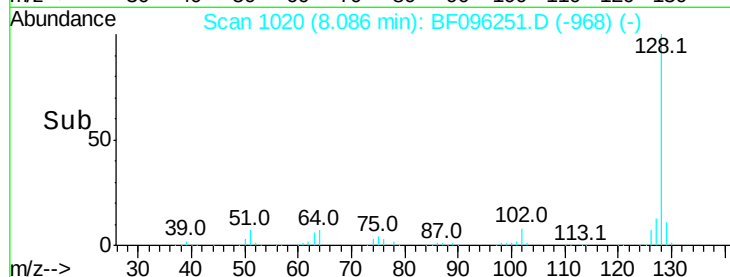
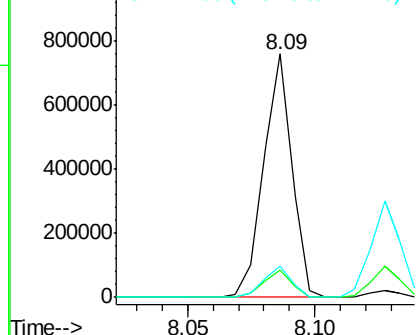
Tot Ion:	128	Resp:	592321
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	12.8	10.8	16.2

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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: 18.17 ng

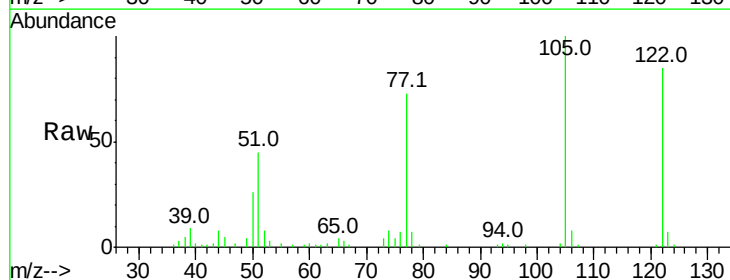
RT: 7.79 min Scan# 969

Delta R.T. -0.10 min

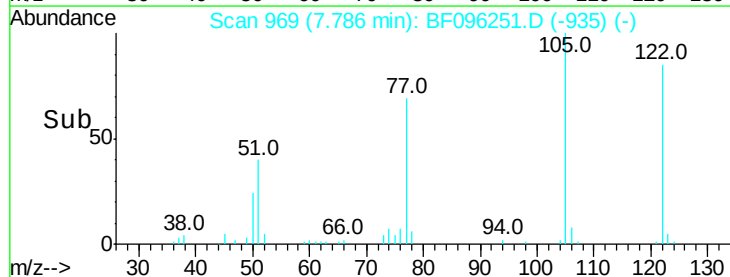
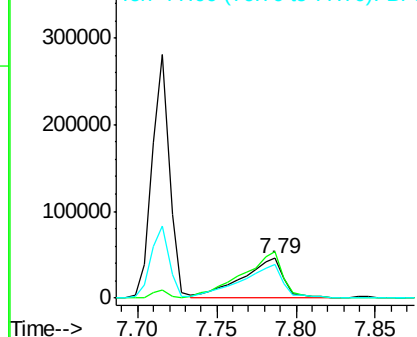
Lab File: BF096251.D

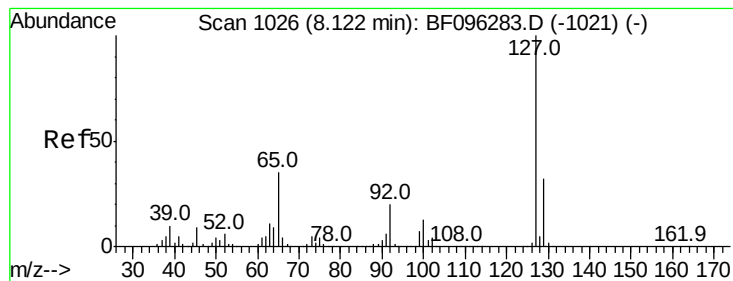
Acq: 28 Jun 2017 16:01

Tgt Ion:	122	Resp:	82761
Ion Ratio	Lower	Upper	
122	100		
105	117.4	103.3	143.3
77	85.9	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





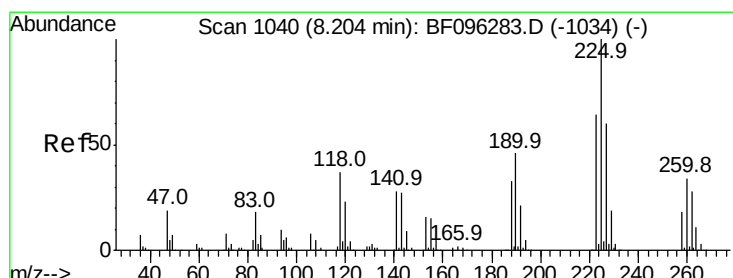
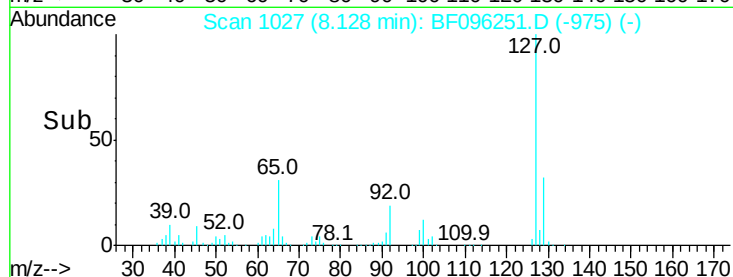
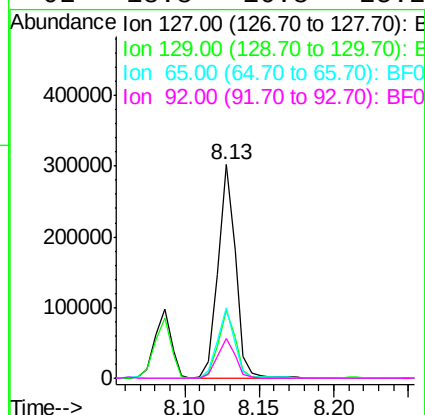
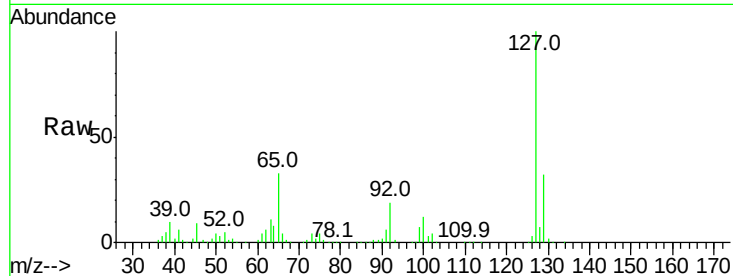
#33
4-Chloroaniline
Concen: 18.13 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.2	39.2	
65	33.3	27.8	41.8	
92	18.8	16.8	25.2	

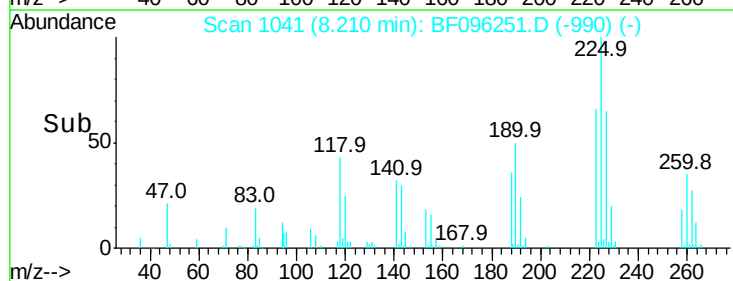
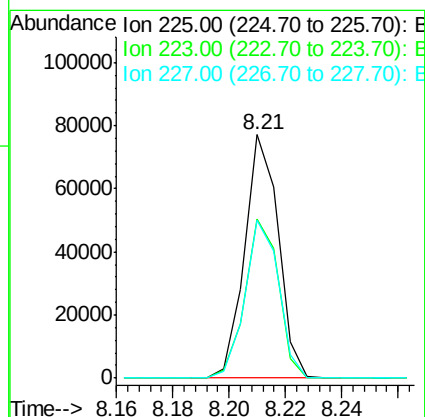
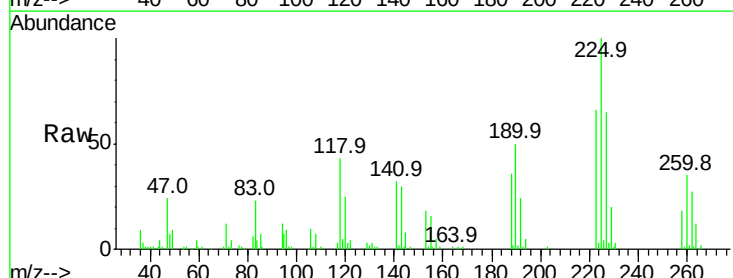
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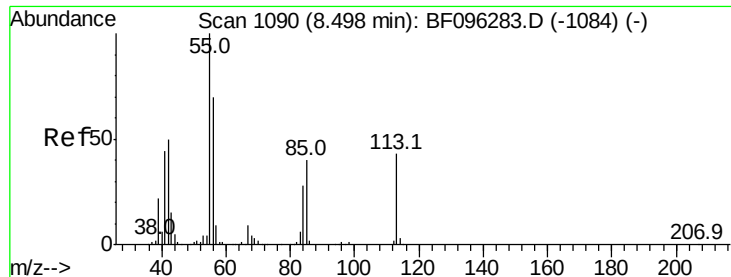
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#34
Hexachlorobutadiene
Concen: 14.96 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.5	48.8	73.2	
227	64.8	51.1	76.7	





#35

Caprolactam

Concen: 22.73 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.04 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

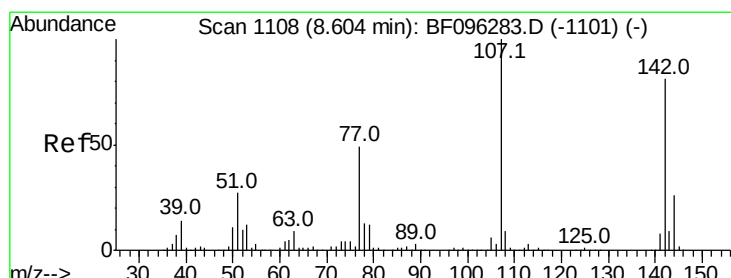
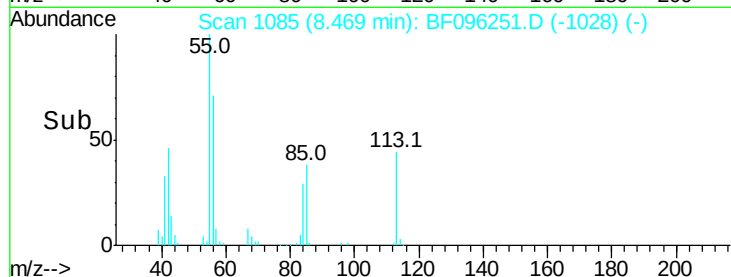
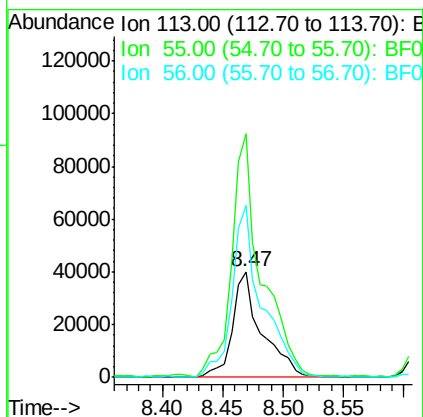
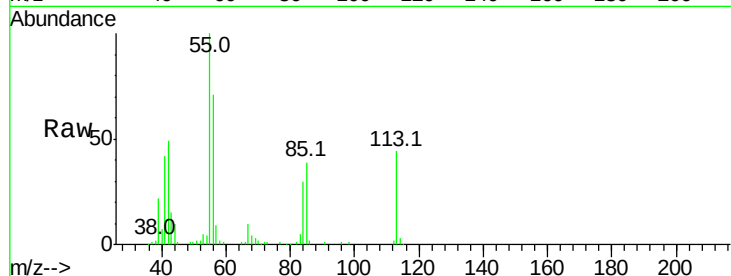
ClientSampled :

TS-1MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	229.8	150.2	190.2#
56	162.1	107.8	147.8#

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#36

4-Chloro-3-methylphenol

Concen: 22.70 ng

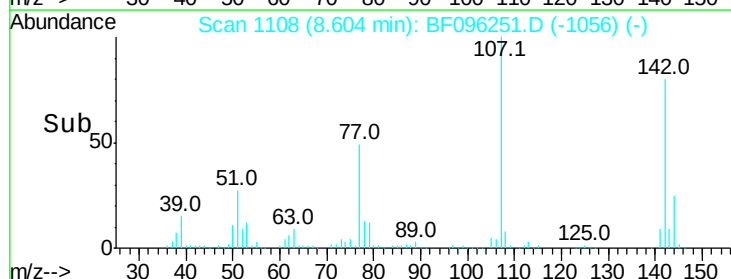
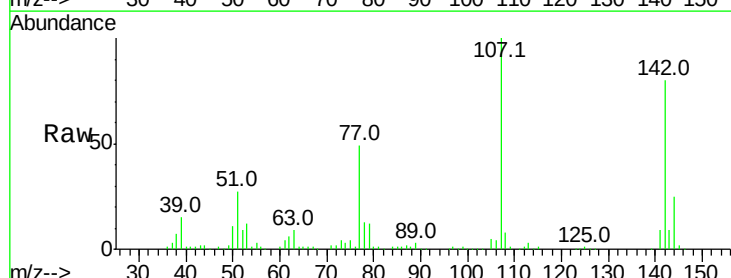
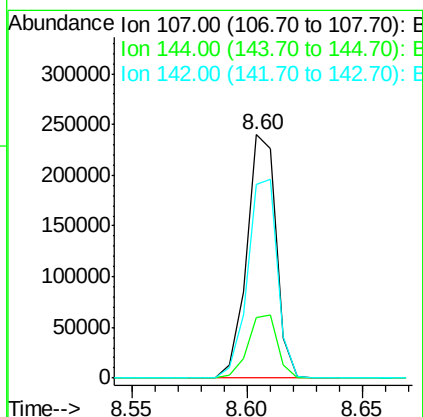
RT: 8.60 min Scan# 1108

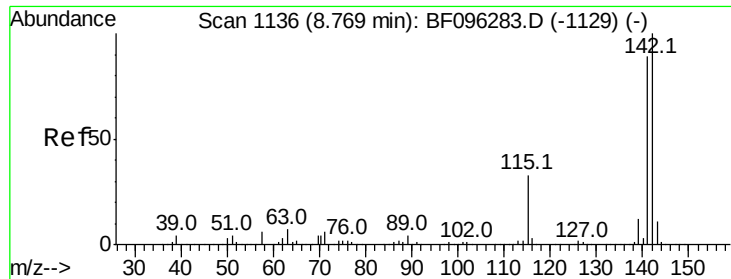
Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	24.2	36.4
142	79.8	73.4	110.0





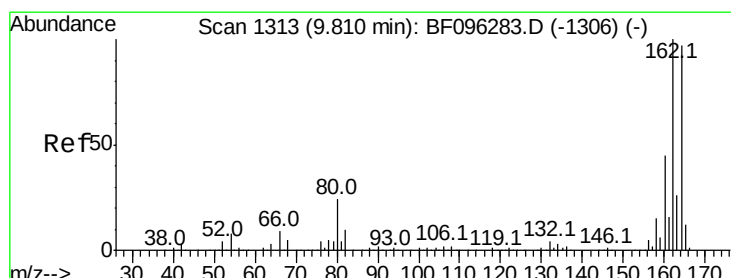
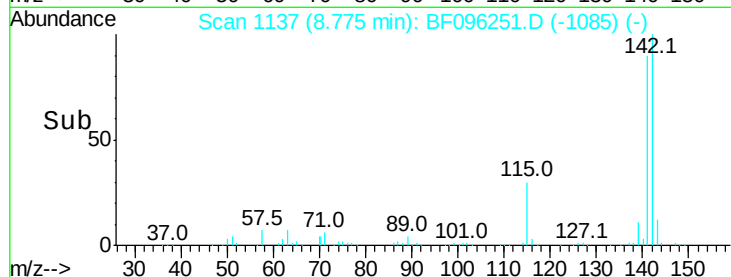
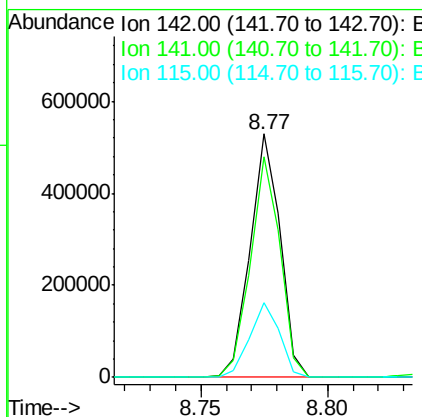
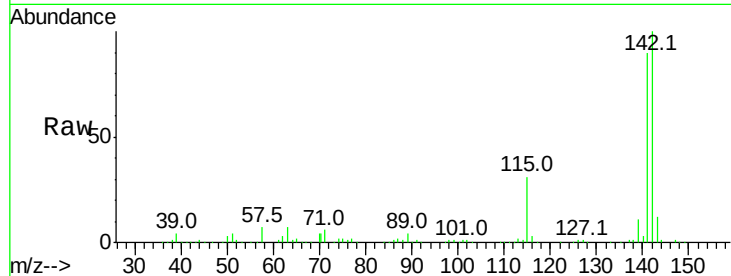
#37
2-Methylnaphthalene
Concen: 20.20 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	434656		
141	90.4	71.3	106.9	
115	30.5	27.1	40.7	

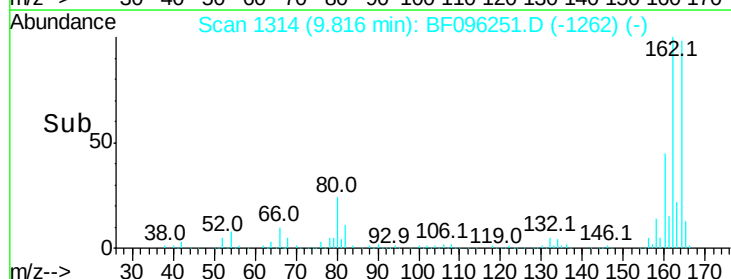
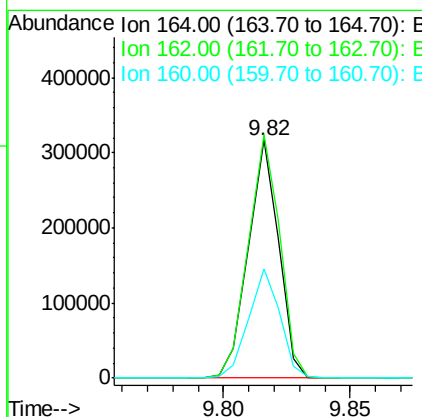
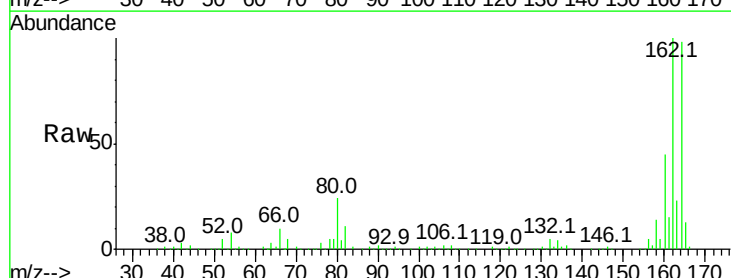
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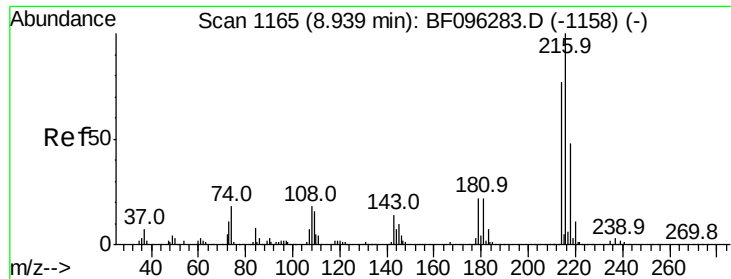
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	265709		
162	102.3	82.6	123.8	
160	45.9	36.2	54.2	





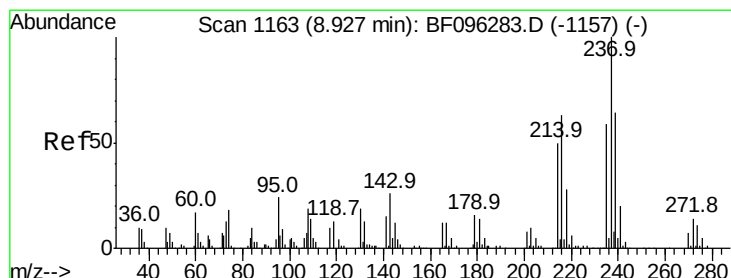
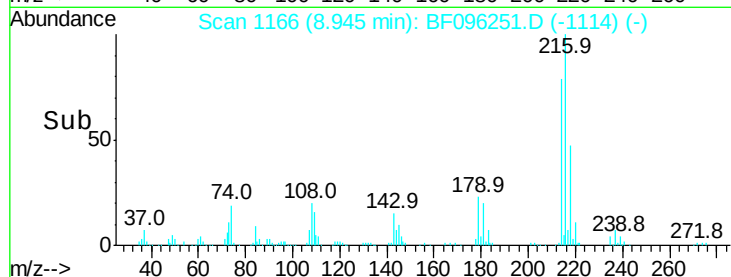
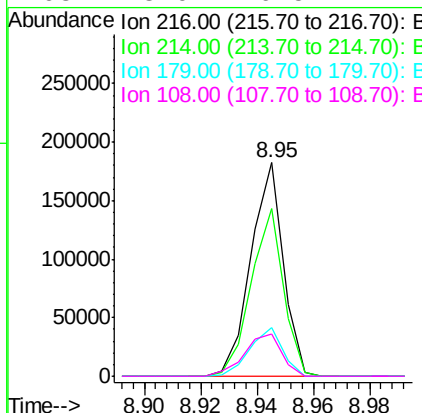
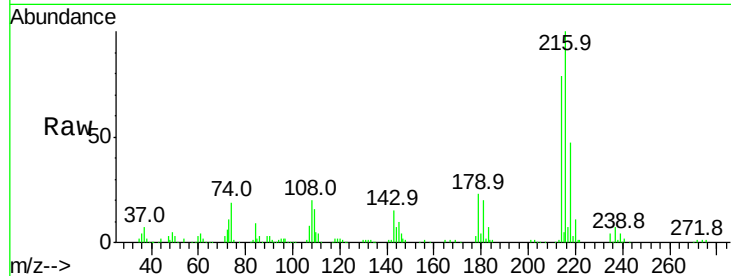
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.68 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	145904		
214	78.0	63.4	95.2	
179	23.1	17.9	26.9	
108	23.0	16.5	24.7	

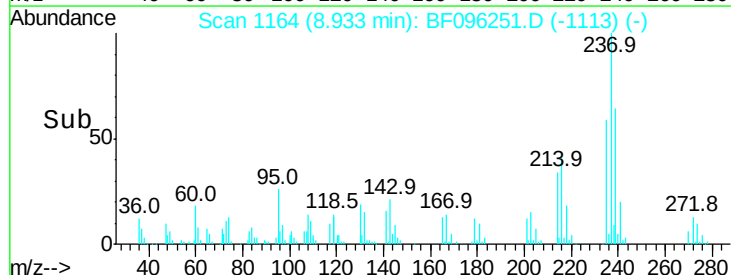
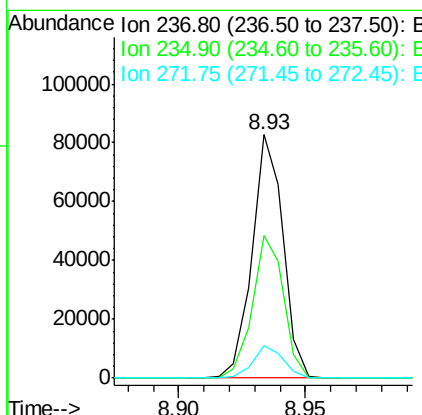
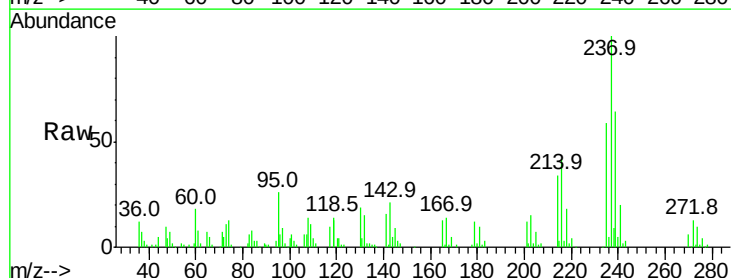
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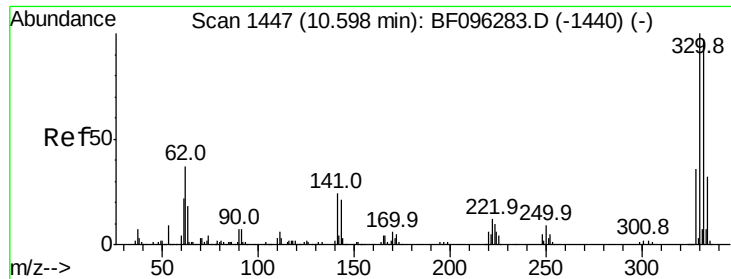
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#40
 Hexachlorocyclopentadiene
 Concen: 24.28 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	69995		
235	58.7	42.6	82.6	
272	13.5	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 90.80 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

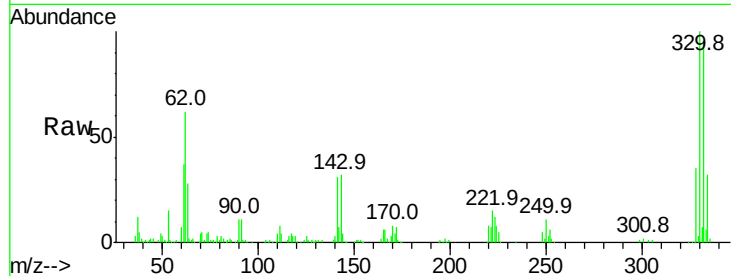
ClientSampled :

TS-1MS

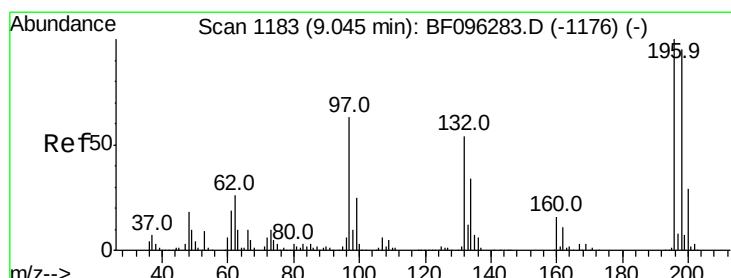
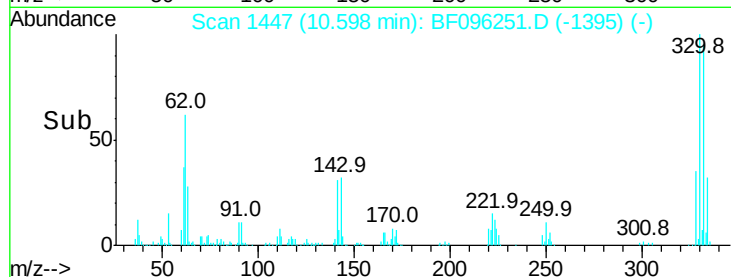
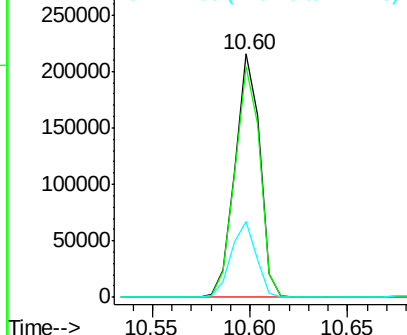
Tot Ion:	330	Resp:	189880
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.6	115.0
141	31.5	31.4	47.2

Manual Integrations
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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: 25.24 ng

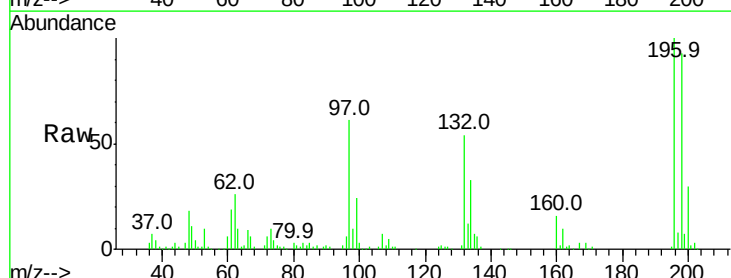
RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

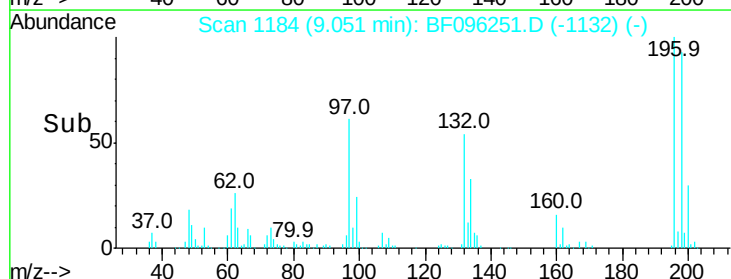
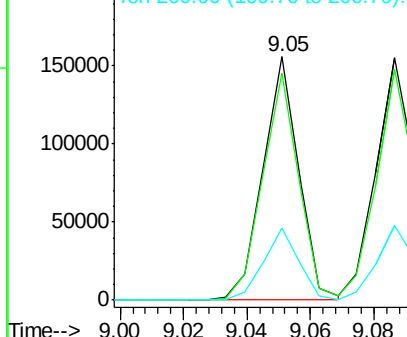
Lab File: BF096251.D

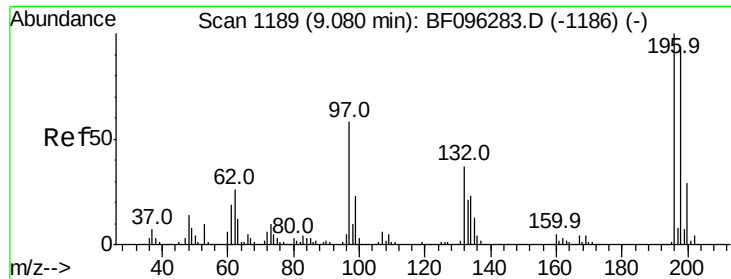
Acq: 28 Jun 2017 16:01

Tgt Ion:	196	Resp:	122390
Ion Ratio	Lower	Upper	
196	100		
198	93.2	74.2	111.4
200	29.8	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





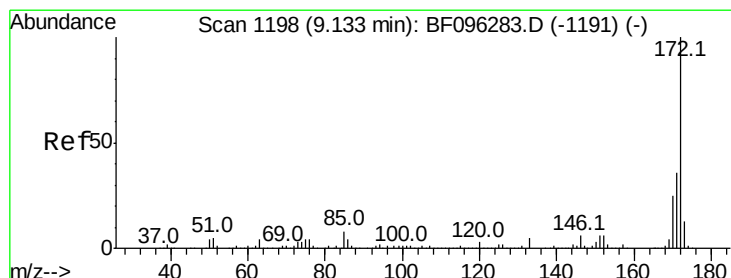
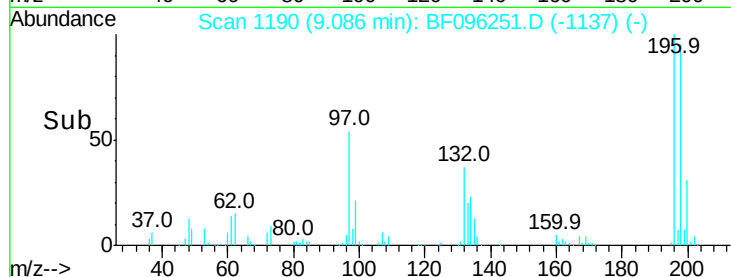
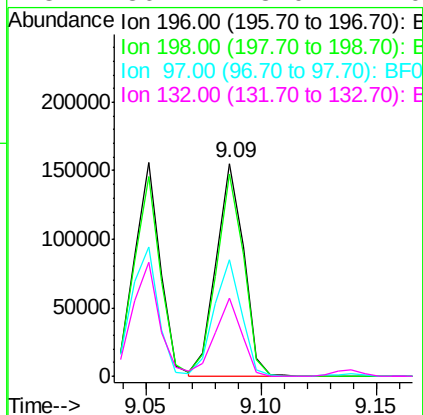
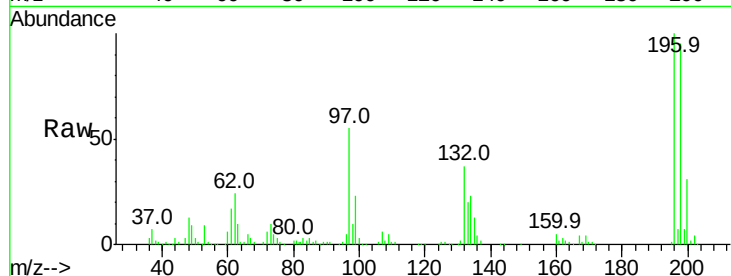
#43
 2,4,5-Trichlorophenol
 Concen: 24.97 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampled :
 TS-1MS

Tot Ion	196	Resp	127617
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.7	113.5
97	54.7	47.7	71.5
132	36.7	28.0	42.0

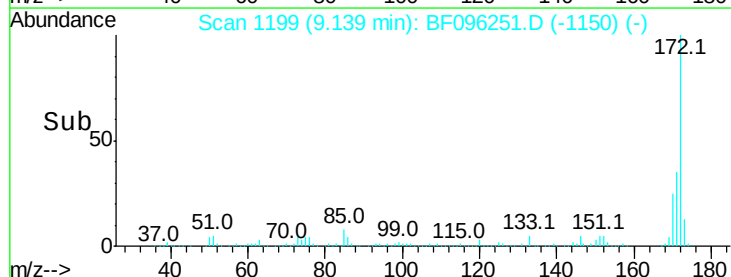
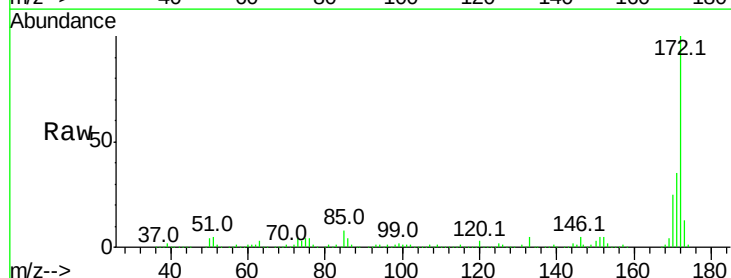
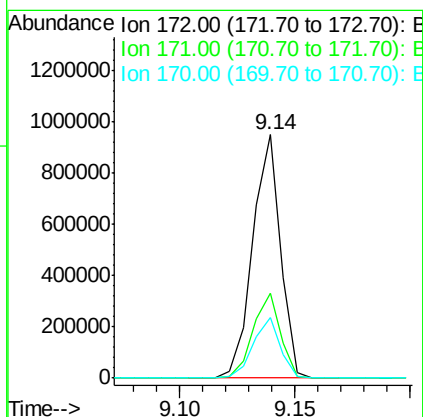
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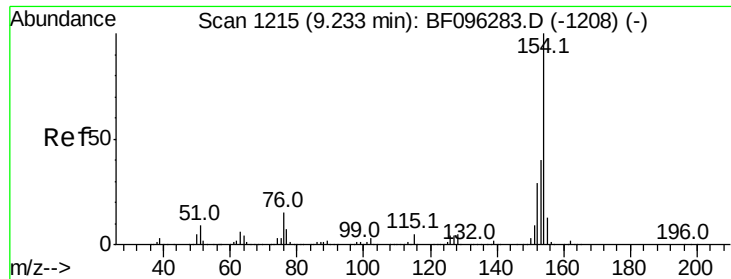
mohammad
 6/29/2017 5:59:27 PM



#44
 2-Fluorobiphenyl
 Concen: 55.06 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	172	Resp	798867
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.6	44.4
170	24.9	19.8	29.8





#45

1,1'-Biphenyl

Concen: 25.25 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

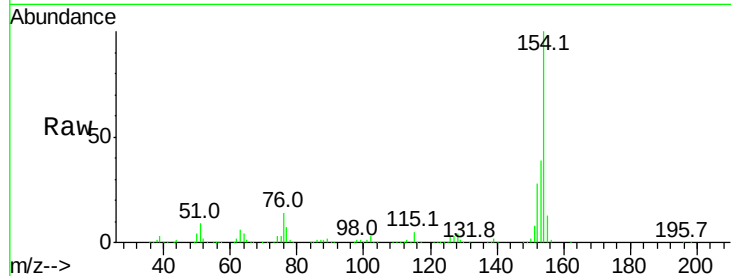
ClientSampleId :

TS-1MS

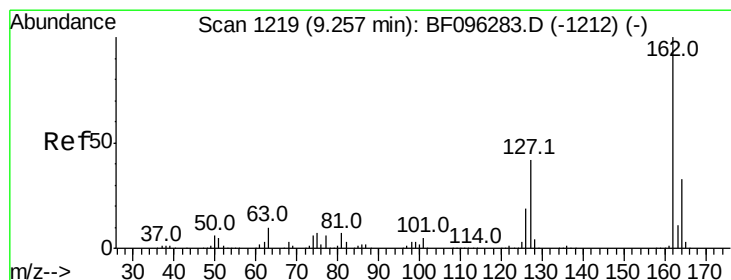
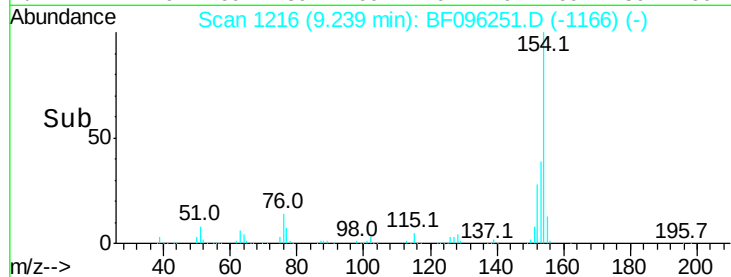
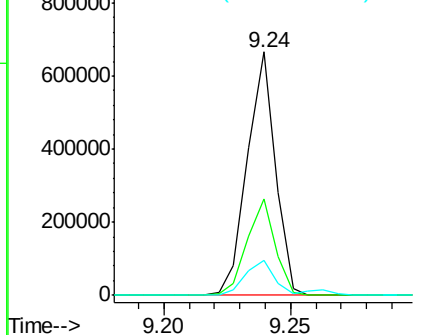
Tot Ion:	154	Resp:	514830
Ion Ratio	Lower	Upper	
154	100		
153	39.4	21.2	61.2
76	14.4	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 23.12 ng

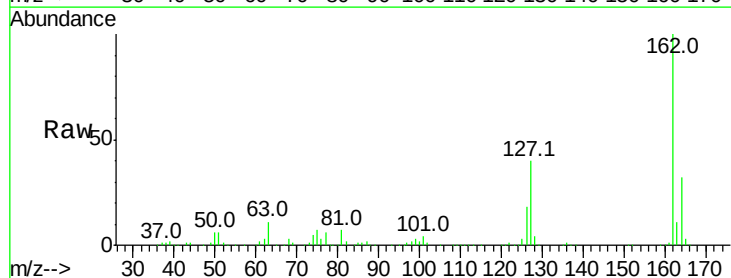
RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

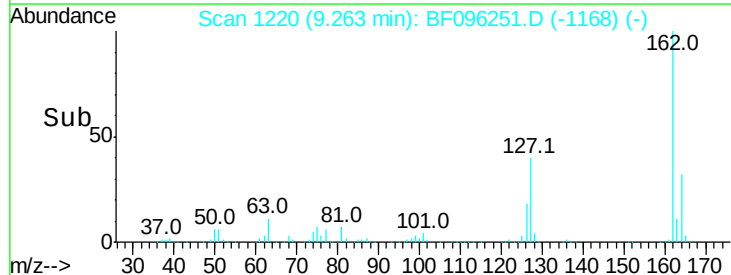
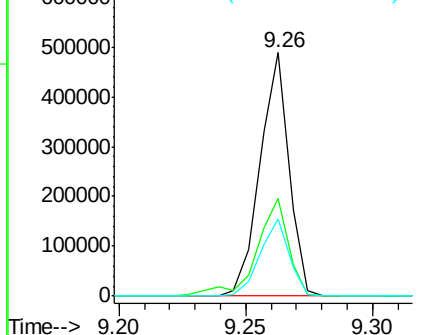
Lab File: BF096251.D

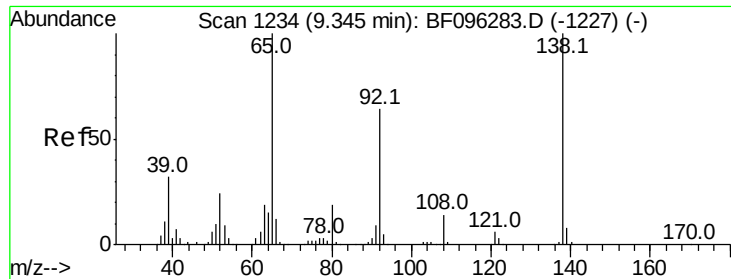
Acq: 28 Jun 2017 16:01

Tgt Ion:	162	Resp:	390992
Ion Ratio	Lower	Upper	
162	100		
127	40.3	28.3	42.5
164	31.8	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





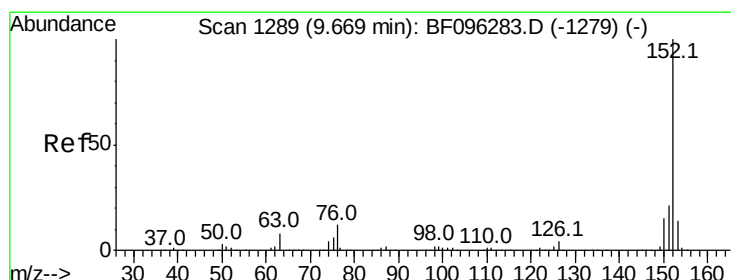
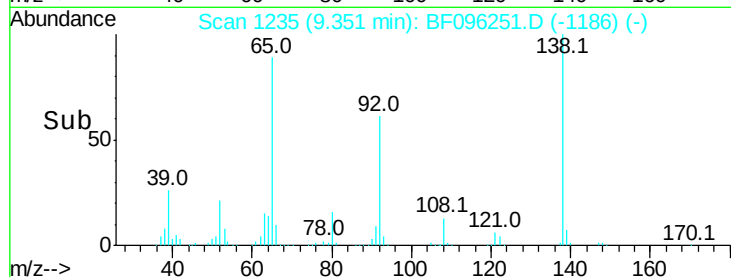
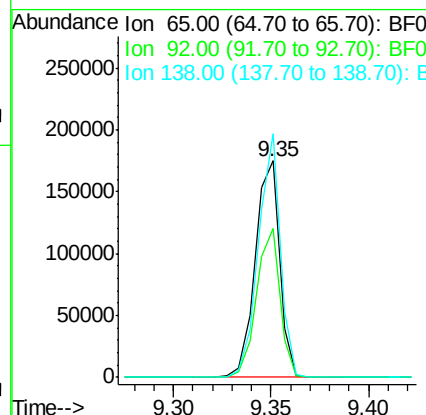
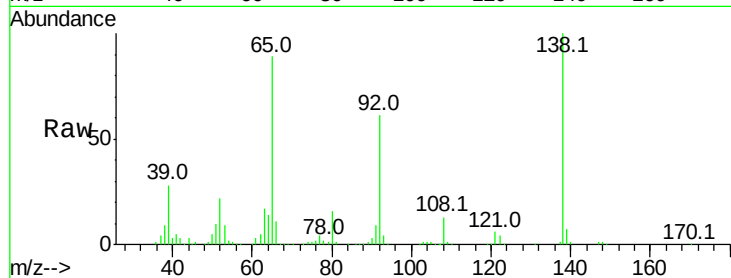
#47
2-Nitroaniline
Concen: 28.38 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.9	80.9
138	112.4	78.8	118.2

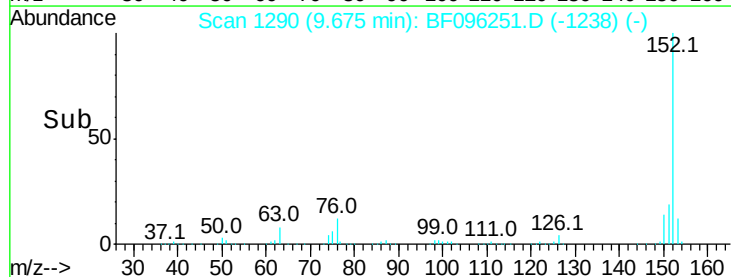
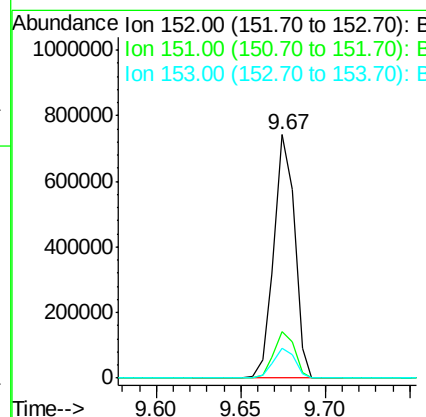
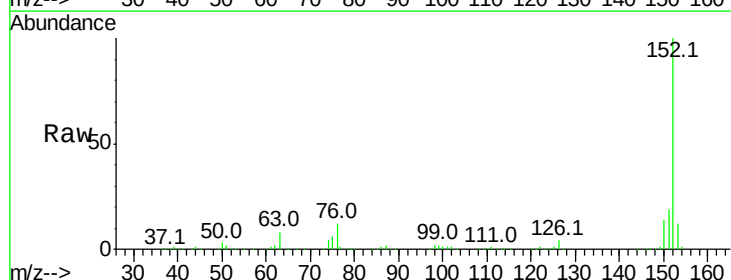
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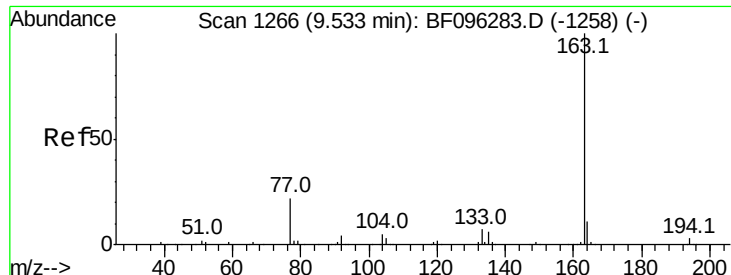
mohammad
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#48
Acenaphthylene
Concen: 22.56 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.8	25.2
153	12.2	10.8	16.2





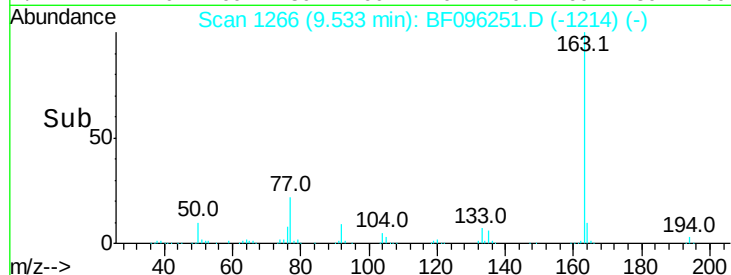
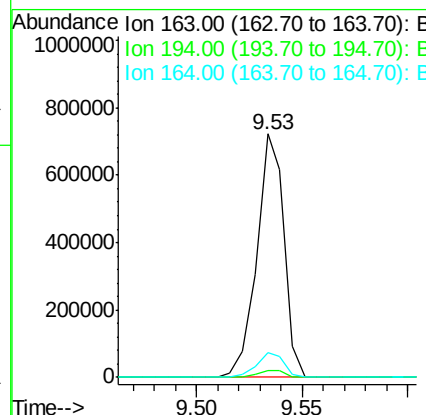
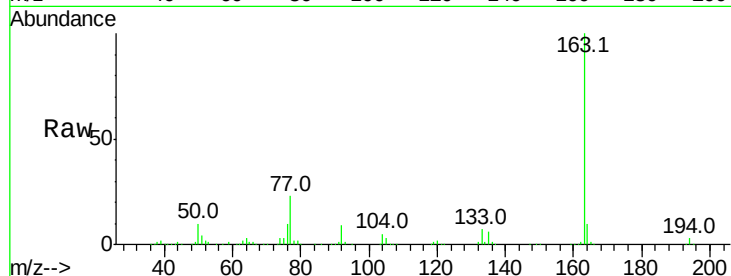
#49
Dimethylphthalate
Concen: 33.95 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	645596		
194	2.9		2.6	4.0
164	9.9		8.4	12.6

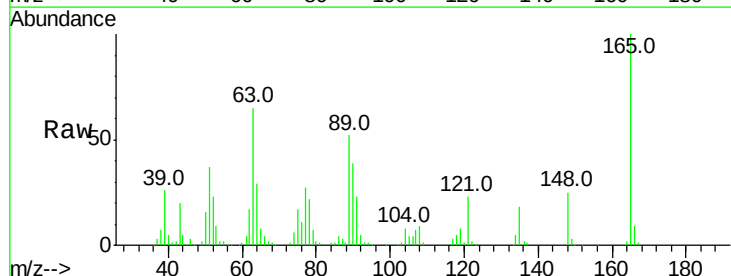
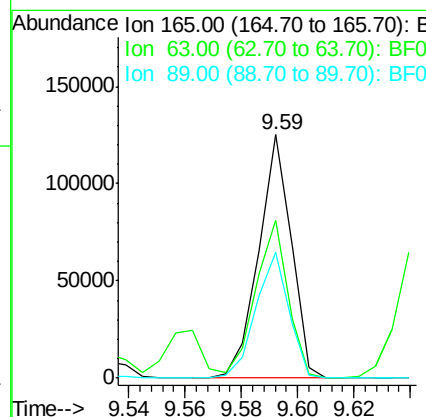
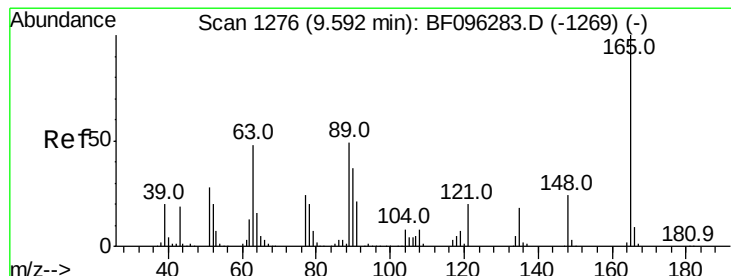
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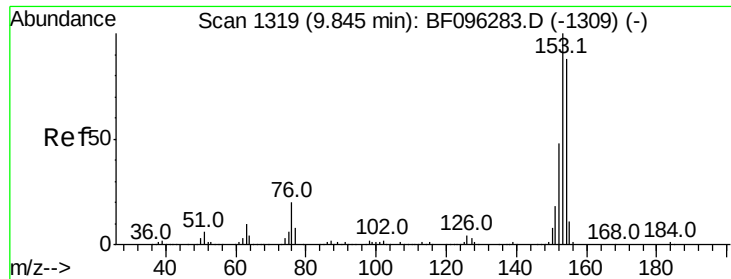
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#50
2,6-Dinitrotoluene
Concen: 25.47 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	100726		
63	64.7		34.3	51.5#
89	51.6		37.1	55.7





#51

Acenaphthene

Concen: 23.10 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

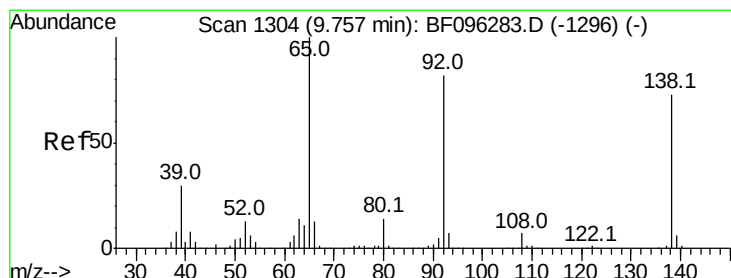
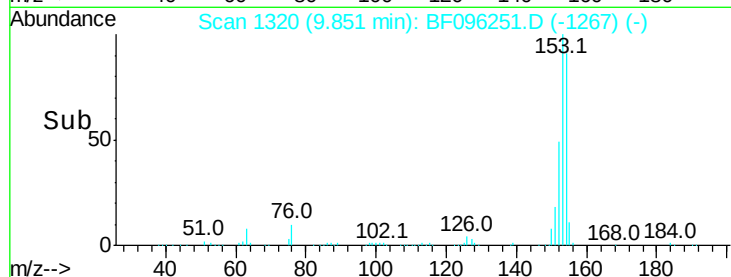
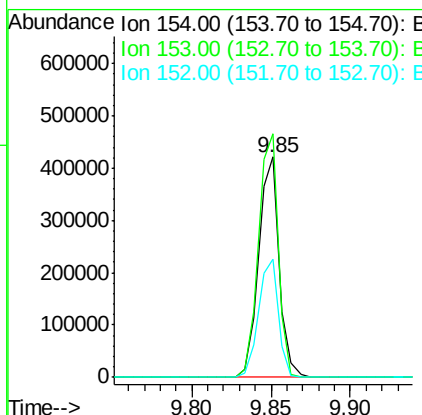
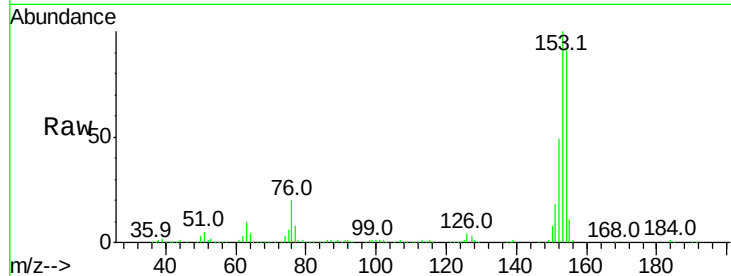
ClientSampleId :

TS-1MS

Tot Ion:	154	Resp:	381503
Ion Ratio	Lower	Upper	
154	100		
153	110.4	90.5	135.7
152	53.8	43.6	65.4

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#52

3-Nitroaniline

Concen: 23.58 ng

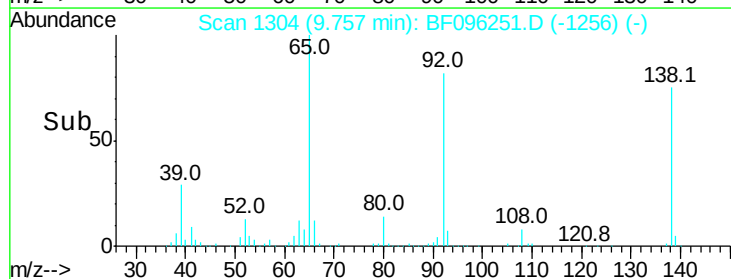
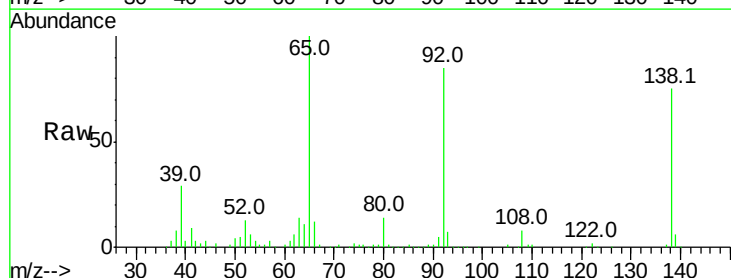
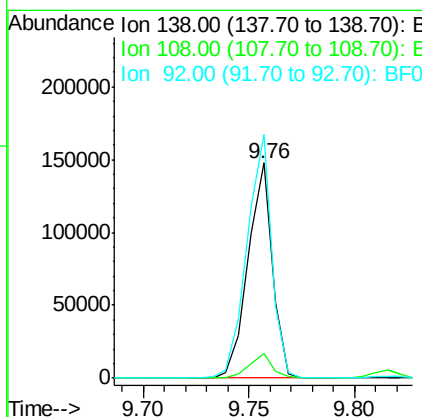
RT: 9.76 min Scan# 1304

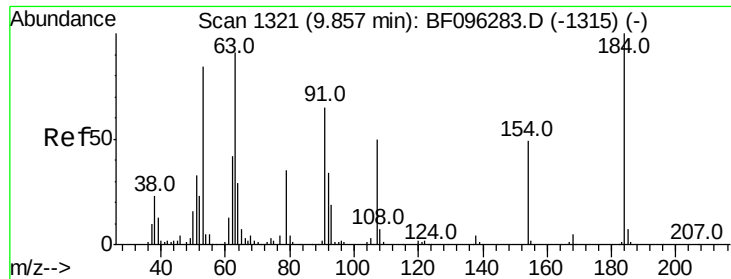
Delta R.T. -0.02 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion:	138	Resp:	119450
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.1	13.7
92	113.3	93.8	140.6





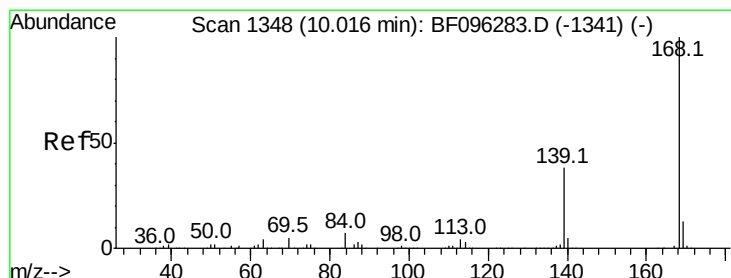
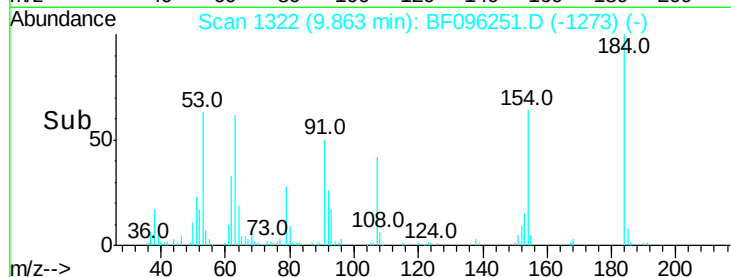
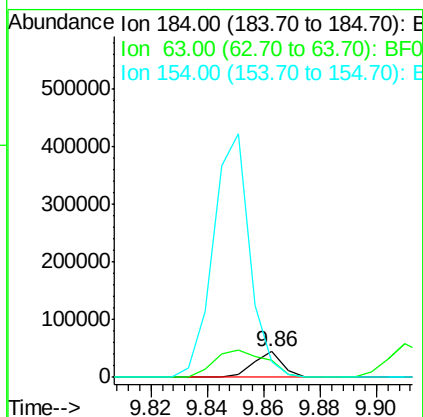
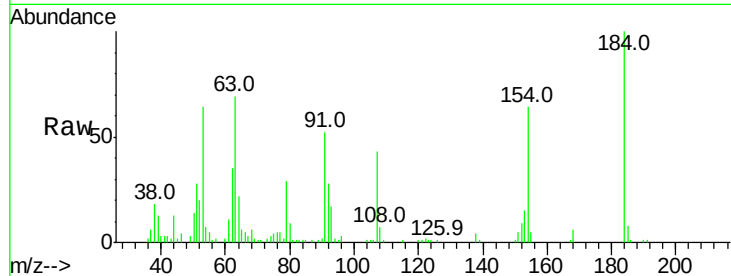
#53
2,4-Dinitrophenol
Concen: 29.68 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.9	62.7	94.1
154	64.0	81.1	121.7

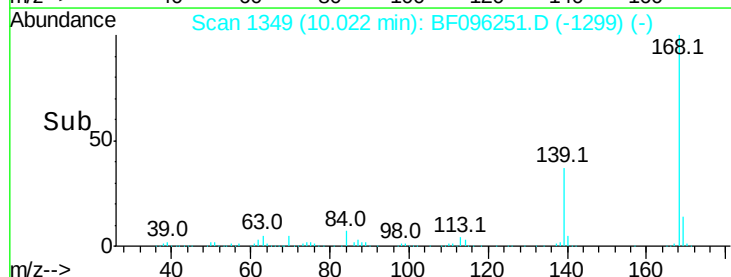
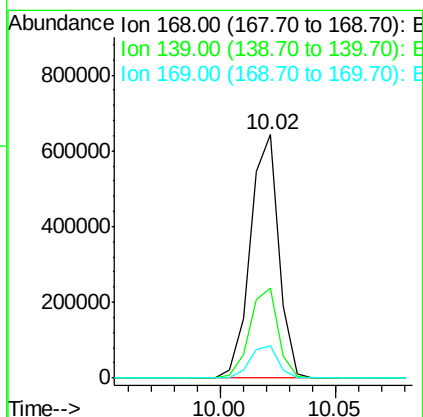
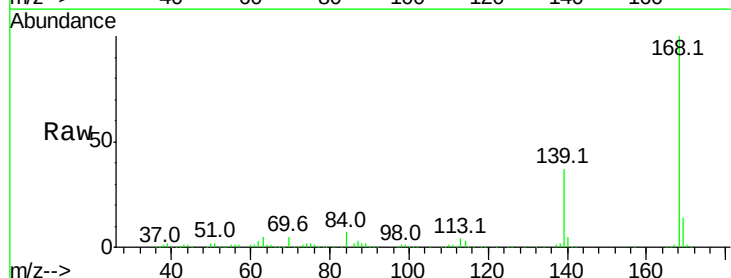
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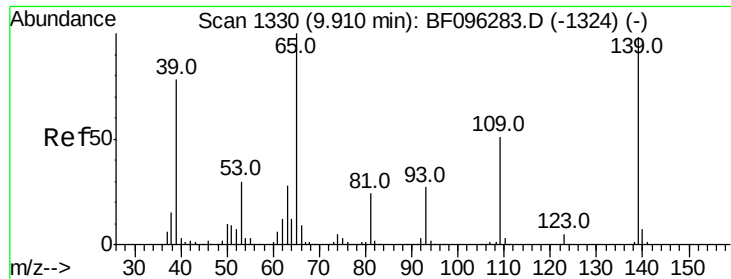
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#54
Dibenzofuran
Concen: 25.68 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.6	45.8
169	13.6	10.8	16.2





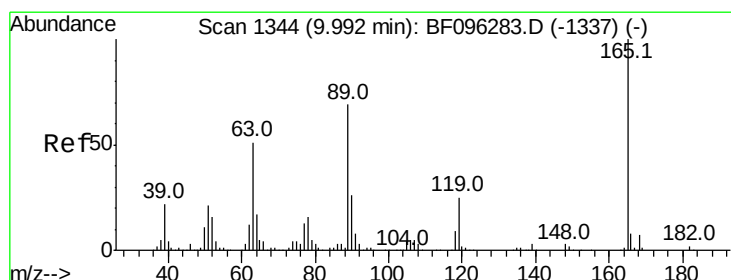
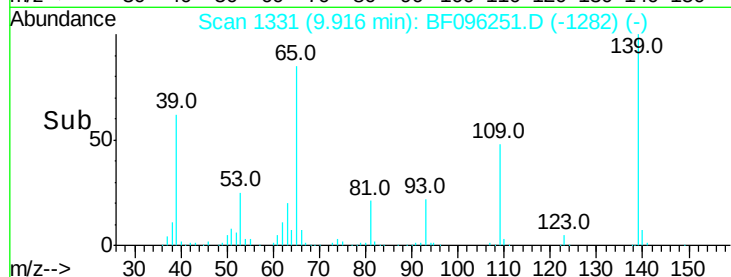
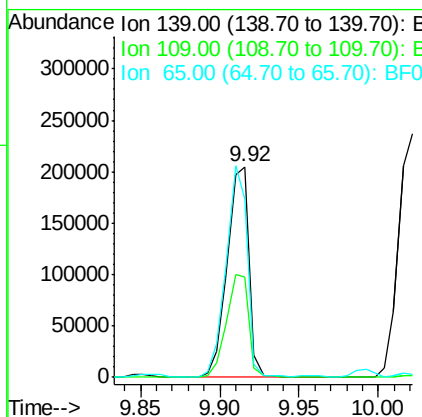
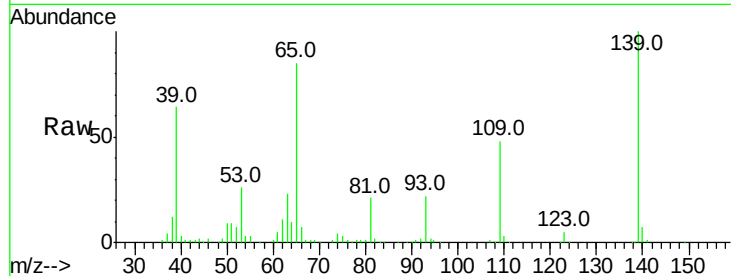
#55
4-Nitrophenol
Concen: 47.86 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	47.8	34.1	74.1
65	85.0	31.4	71.4

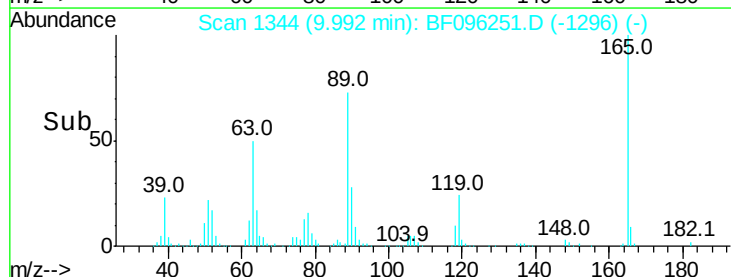
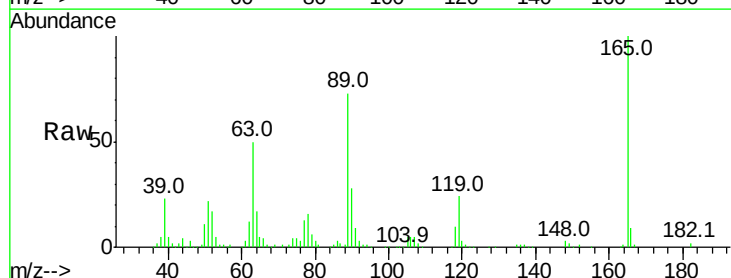
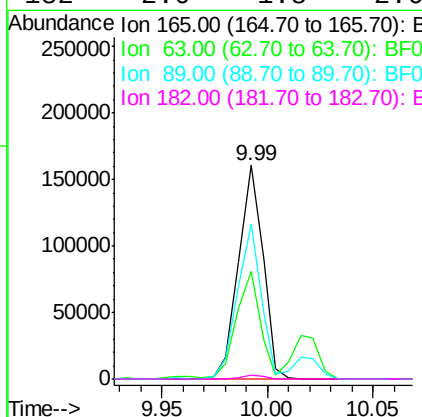
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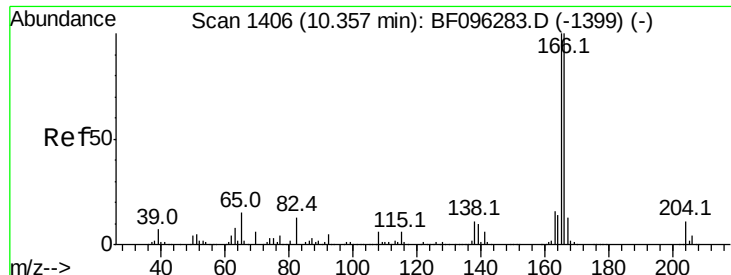
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#56
2,4-Dinitrotoluene
Concen: 25.78 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.4	25.4	38.0
89	72.7	46.4	69.6
182	2.0	1.8	2.6





#57

Fluorene

Concen: 23.34 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

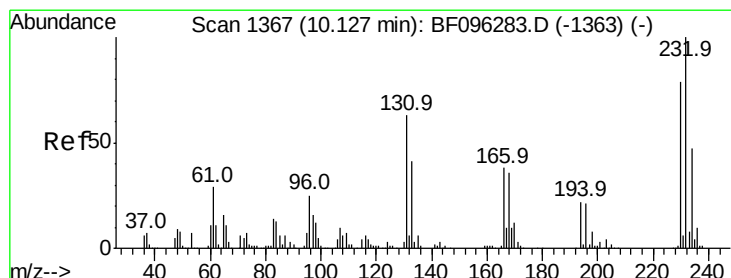
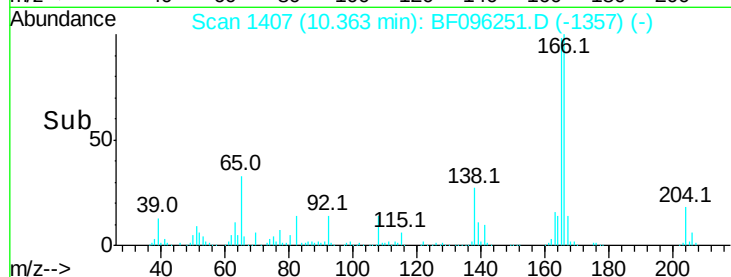
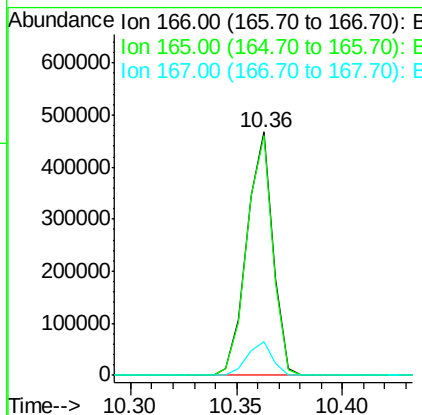
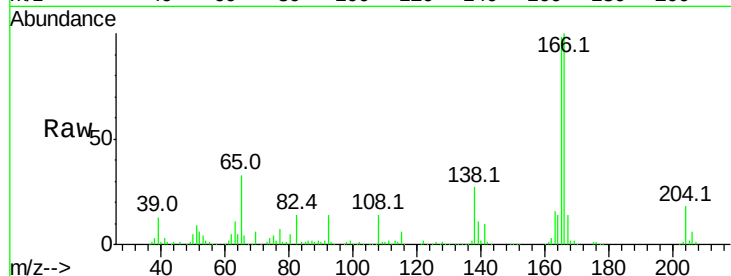
ClientSampleId :

TS-1MS

Tot Ion:	166	Resp:	399016
Ion Ratio	Lower	Upper	
166	100		
165	98.4	78.8	118.2
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 26.67 ng

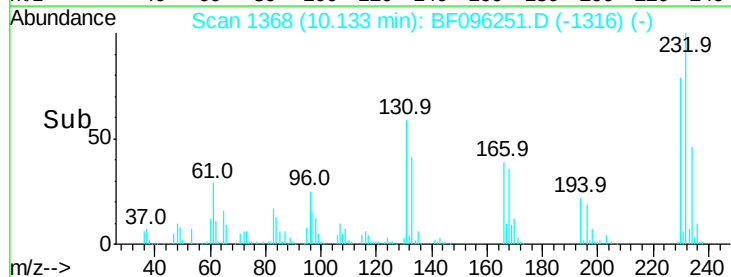
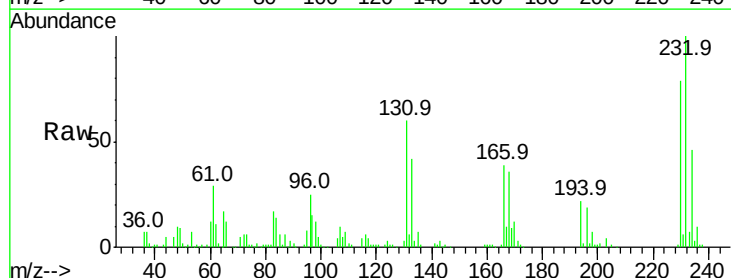
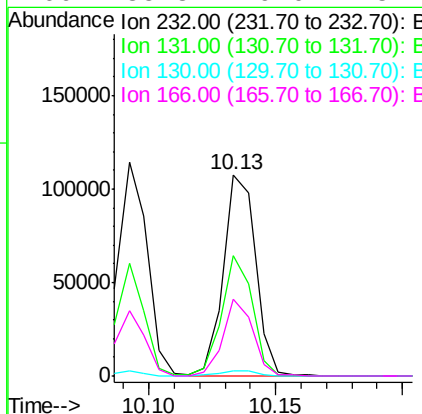
RT: 10.13 min Scan# 1368

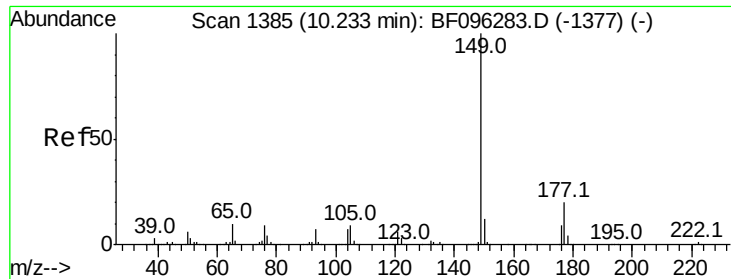
Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion:	232	Resp:	95216
Ion Ratio	Lower	Upper	
232	100		
131	57.3	44.8	67.2
130	2.6	2.3	3.5
166	35.8	29.0	43.4





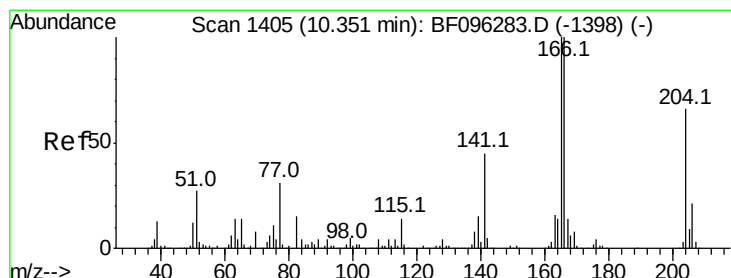
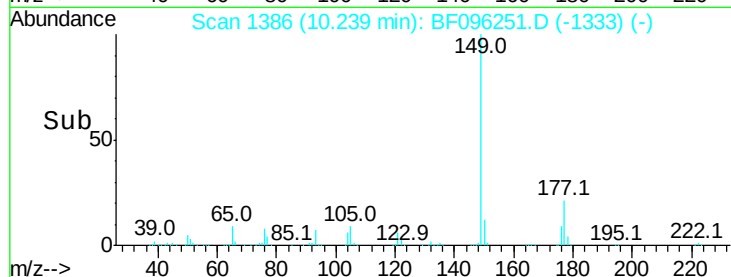
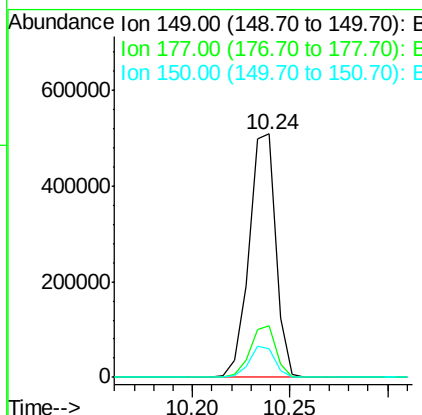
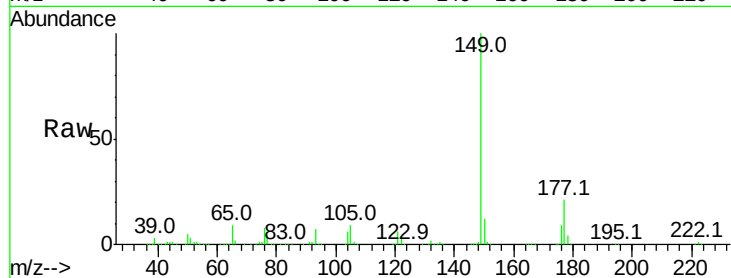
#59
Diethylphthalate
Concen: 25.32 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	483393		
177	21.1	16.7	25.1	
150	11.5	10.2	15.2	

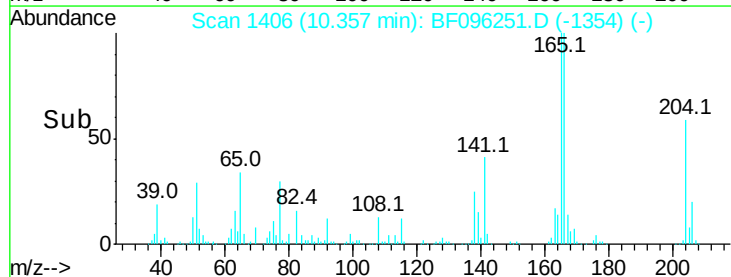
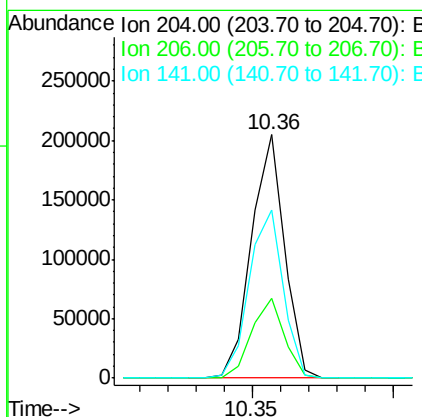
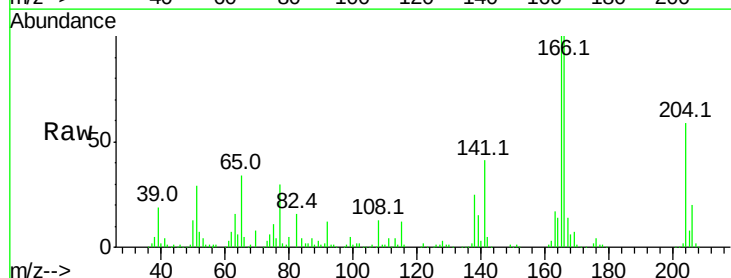
Manual Integrations
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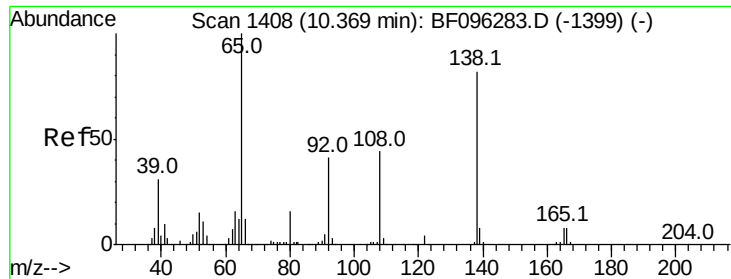
mohammad
6/29/2017 5:59:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 23.60 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	166108		
206	32.9	26.2	39.2	
141	69.0	60.8	91.2	





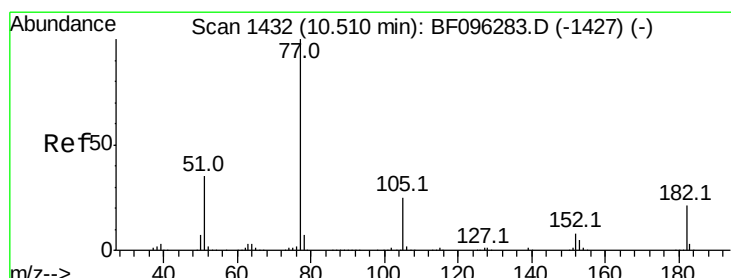
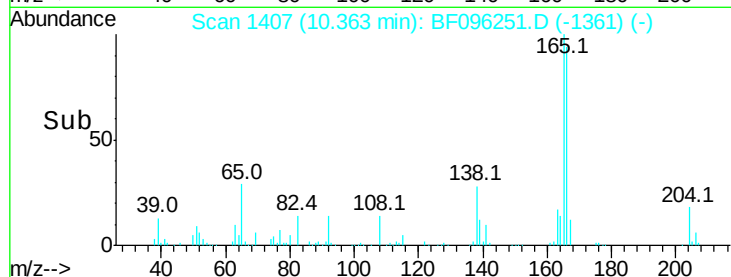
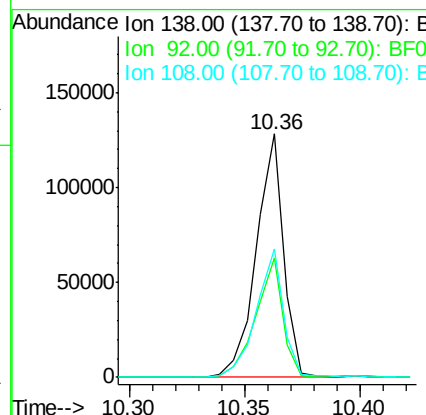
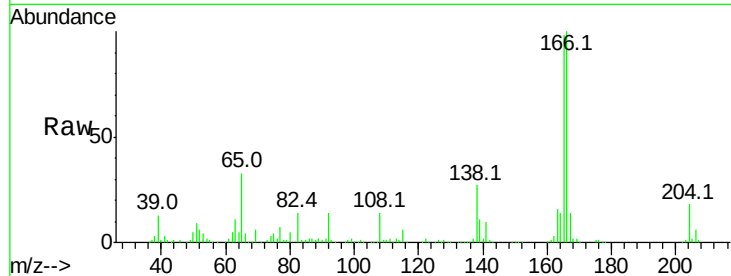
#61
4-Nitroaniline
Concen: 24.11 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	106264		
92	49.2	21.8	61.8	
108	52.8	42.3	82.3	

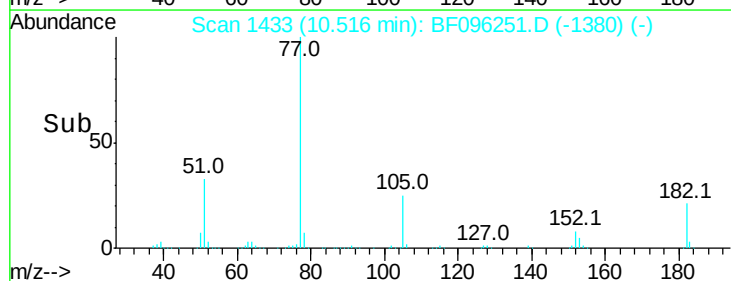
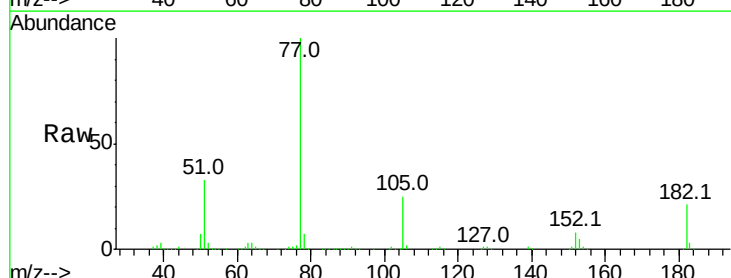
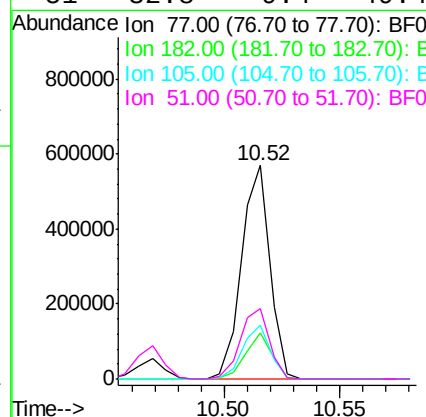
Manual Integrations
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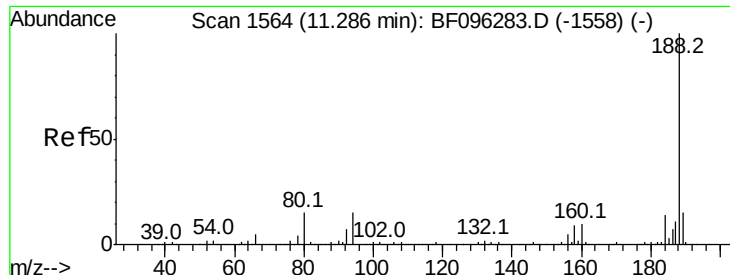
mohammad
6/29/2017 5:59:27 PM



#62
Azobenzene
Concen: 25.36 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	488289		
182	21.3	0.1	40.1	
105	25.3	3.6	43.6	
51	32.8	9.4	49.4	





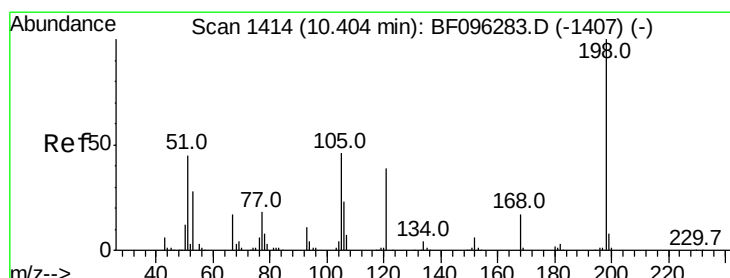
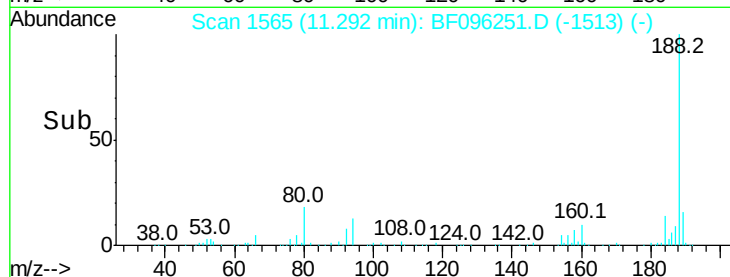
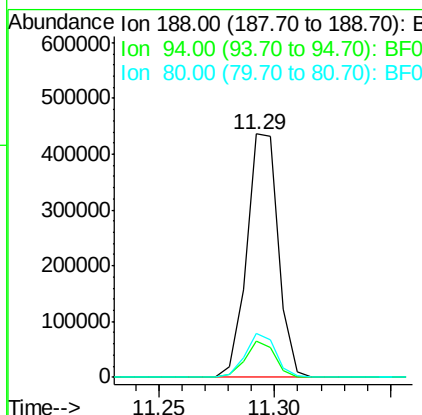
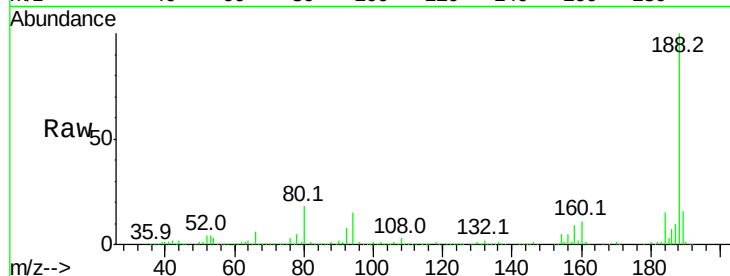
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	14.7	9.4	14.2#	
80	18.0	10.2	15.2#	

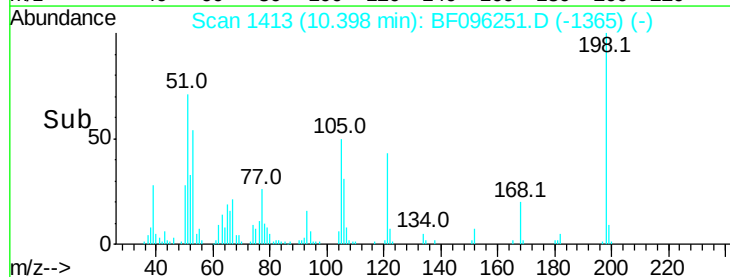
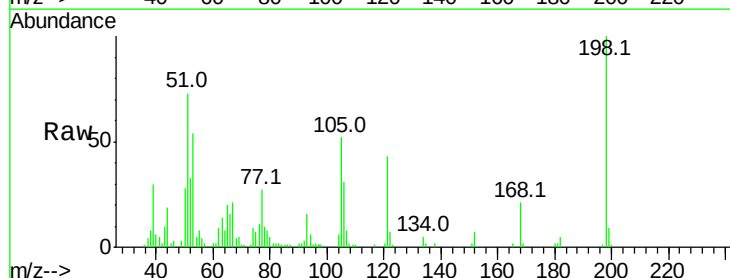
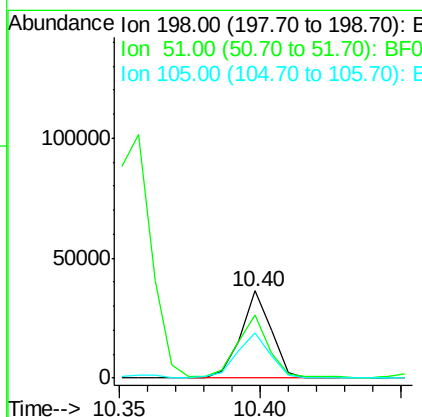
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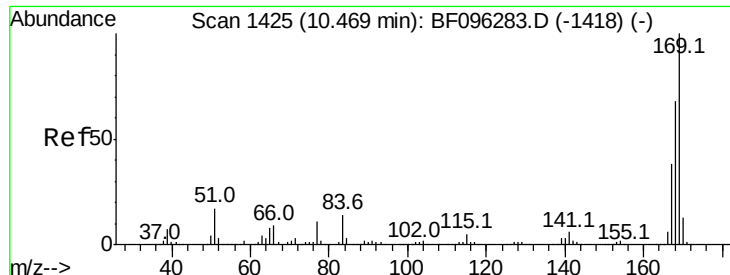
mohammad
 6/29/2017 5:59:27 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.93 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	72.6	53.2	93.2	
105	52.0	45.8	85.8	





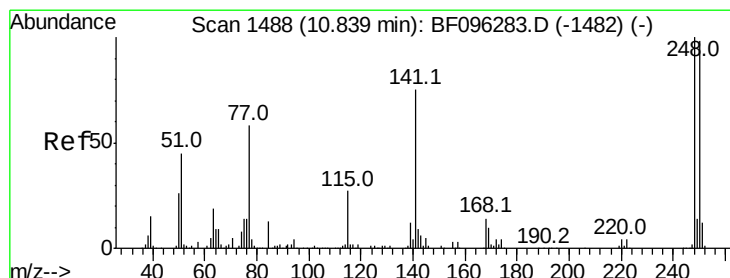
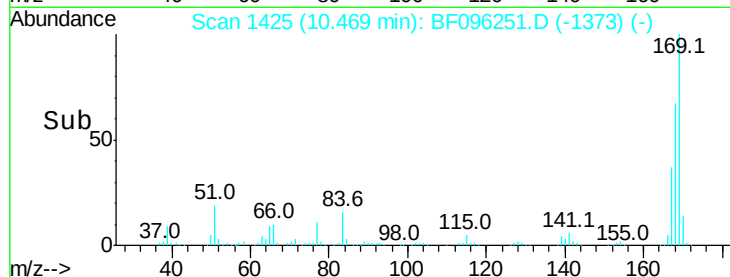
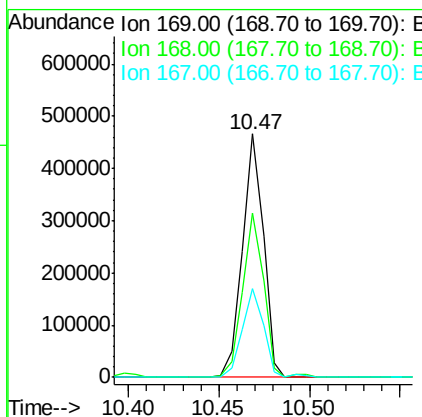
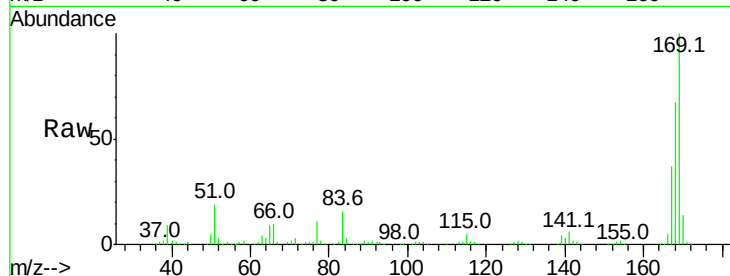
#65
n-Nitrosodiphenylamine
Concen: 25.04 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	374480		
168	67.4	53.2	79.8	
167	36.6	29.5	44.3	

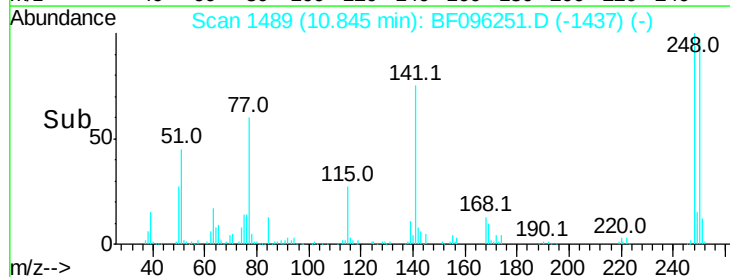
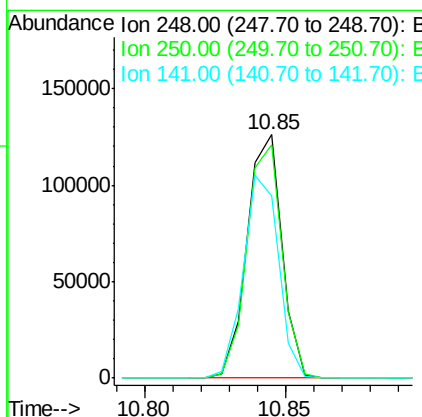
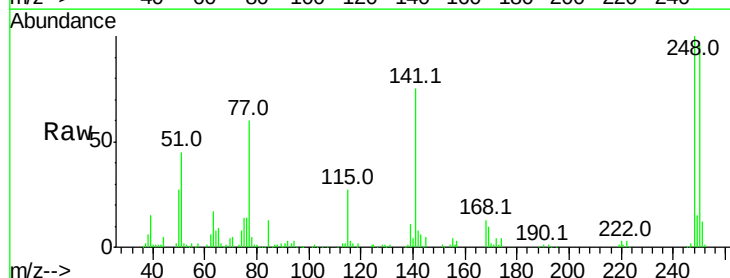
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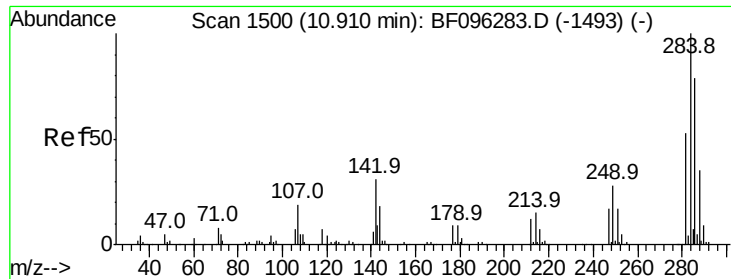
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 25.24 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	107997		
250	95.8	76.8	115.2	
141	74.8	68.6	103.0	





#67

Hexachlorobenzene

Concen: 25.78 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

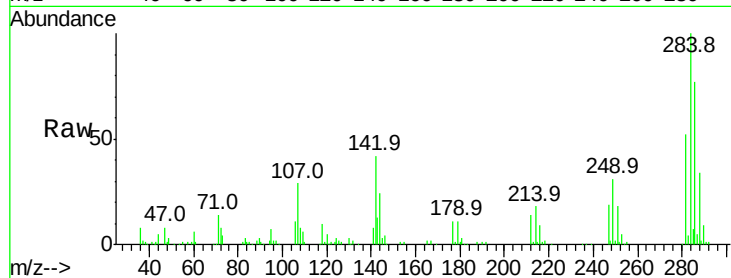
ClientSampleId :

TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	113419		
142	42.2	22.8	34.2#	
249	30.6	24.0	36.0	

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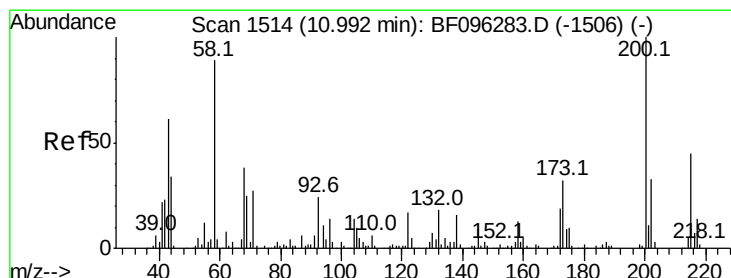
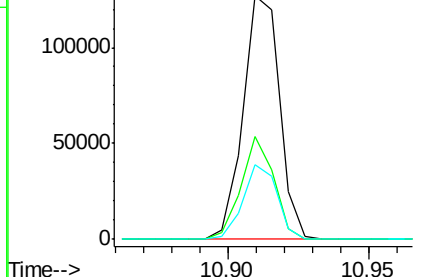
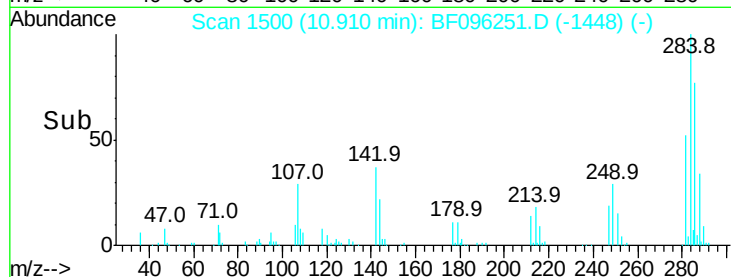


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

10.91



#68

Atrazine

Concen: 26.28 ng

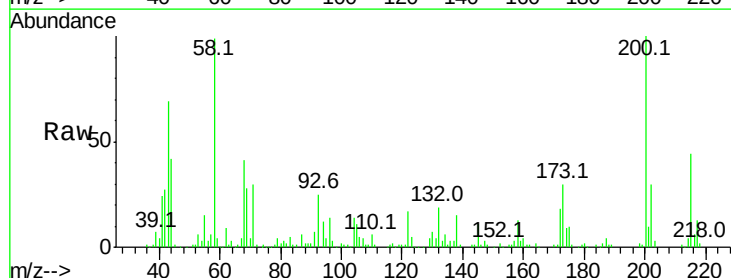
RT: 10.99 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	103710		
173	29.8	6.3	46.3	
215	44.4	27.2	67.2	

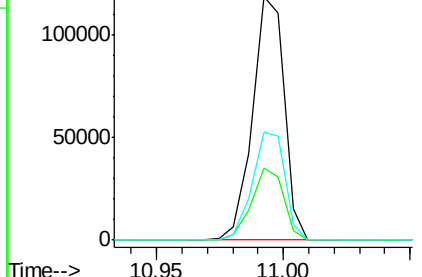
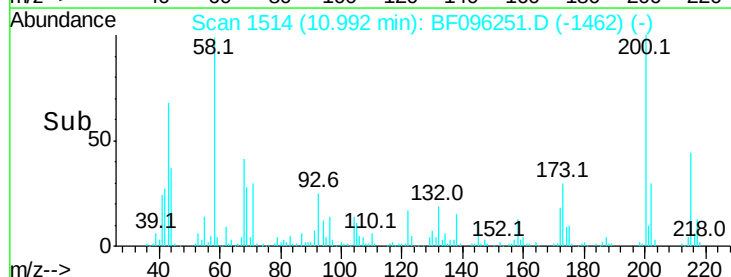


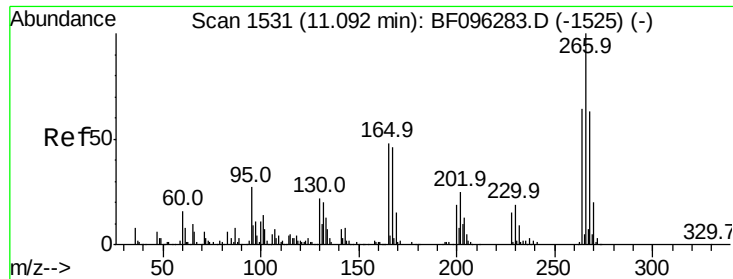
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

10.99





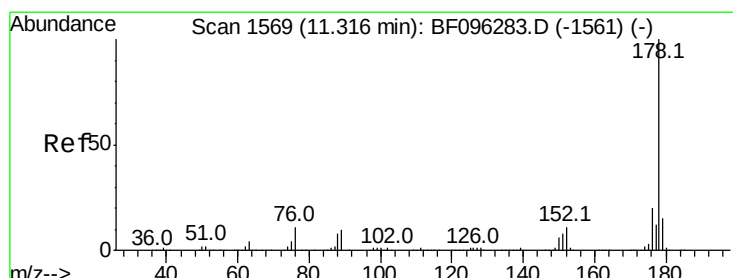
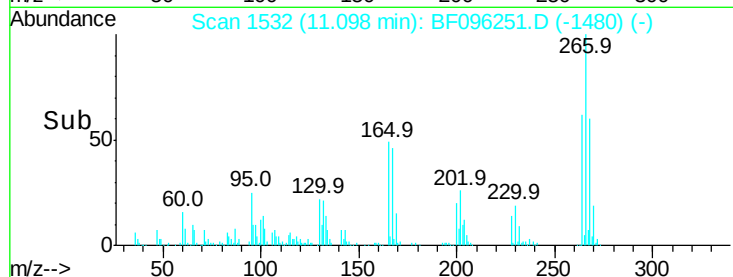
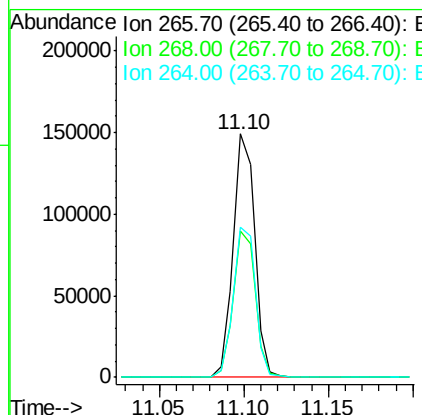
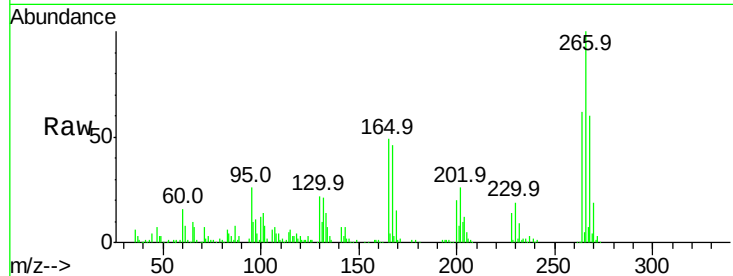
#69
 Pentachlorophenol
 Concen: 52.67 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampled :
 TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132253		
268	60.1		51.1	76.7
264	61.6		51.7	77.5

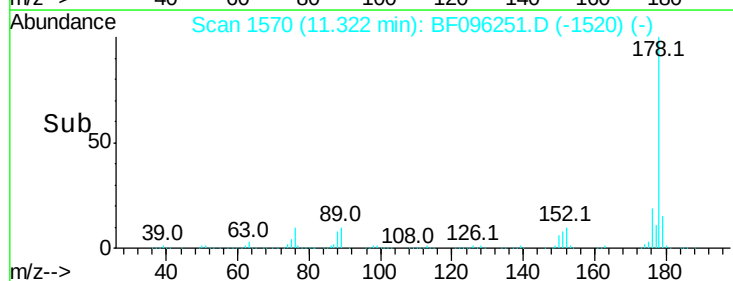
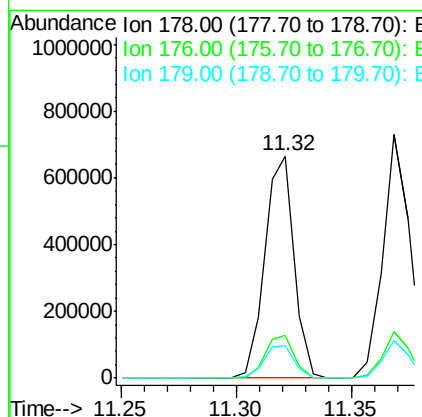
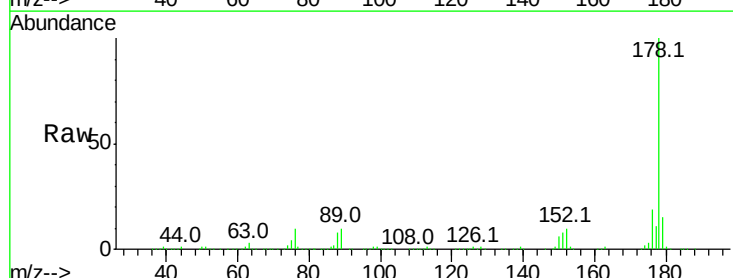
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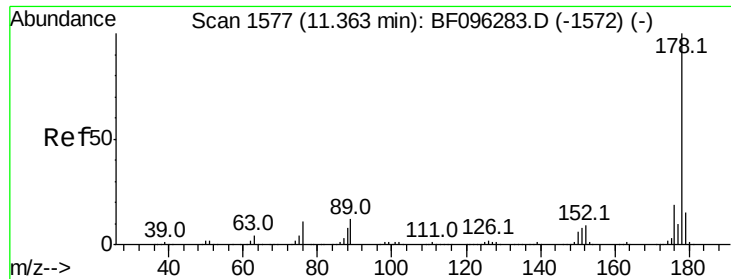
mohammad
 6/29/2017 5:59:27 PM



#70
 Phenanthrene
 Concen: 24.63 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	586207		
176	19.4		16.2	24.4
179	14.9		12.6	19.0





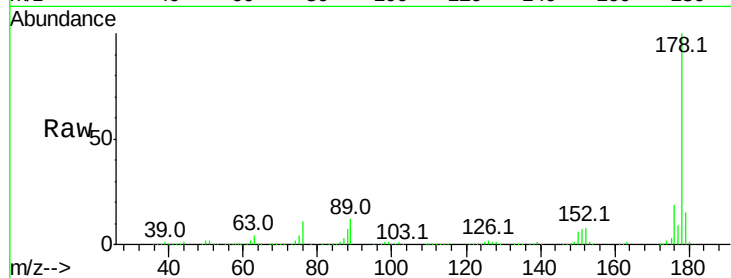
#71
 Anthracene
 Concen: 25.05 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampled :
 TS-1MS

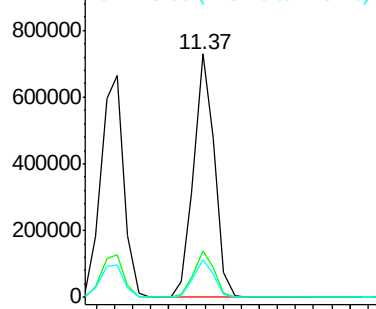
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.5	12.7	19.1

Manual Integrations
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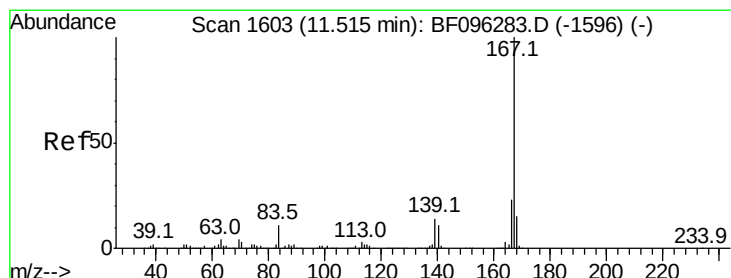
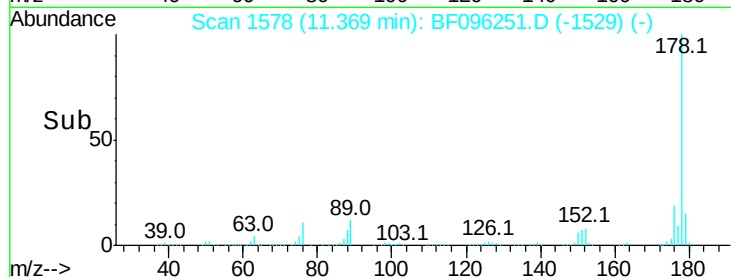
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



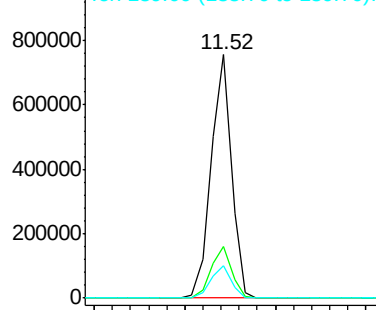
Time-->



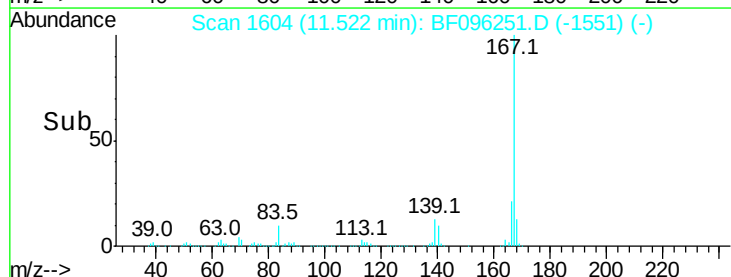
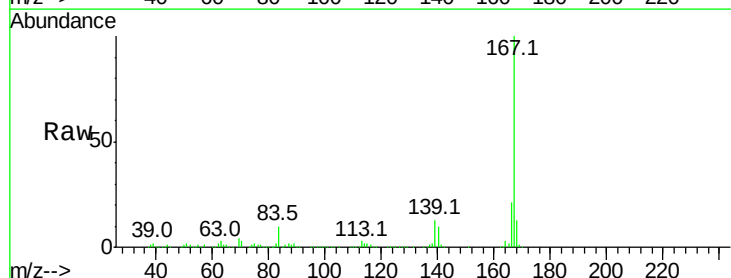
#72
 Carbazole
 Concen: 23.12 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

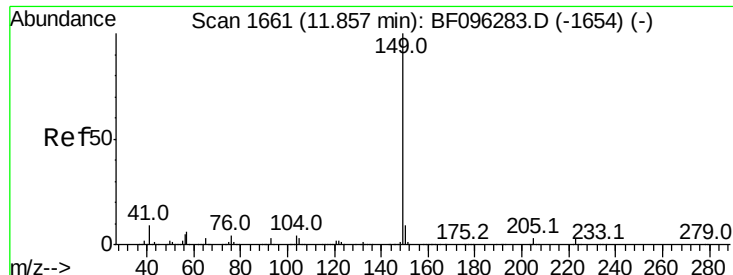
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	13.2	11.7	17.5

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 27.79 ng

RT: 11.86 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

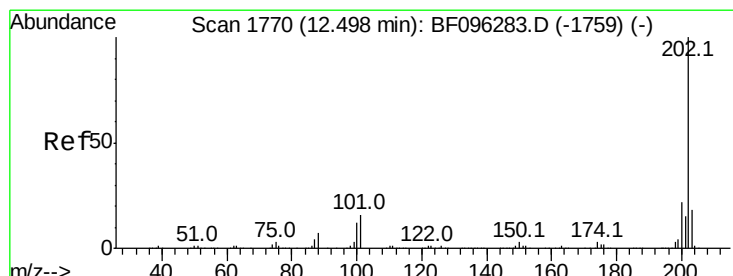
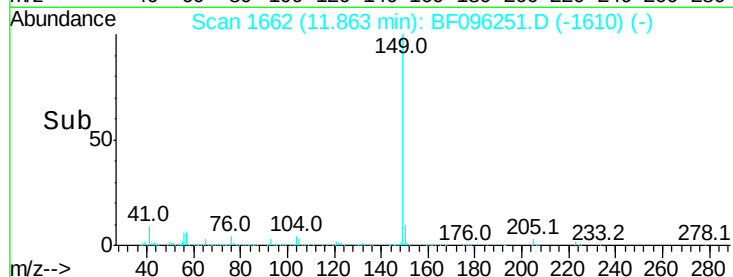
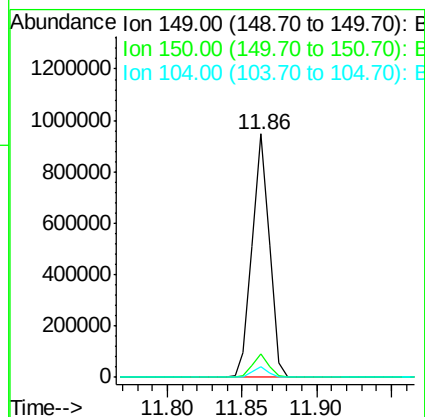
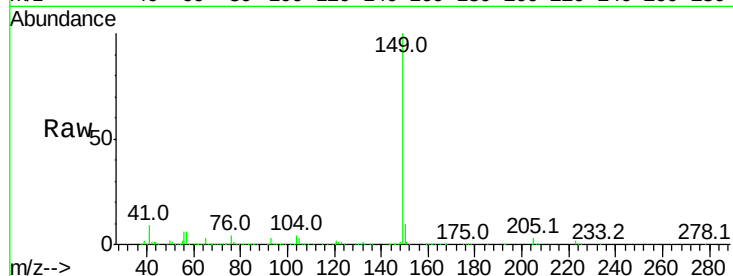
ClientSampleId :

TS-1MS

Tot Ion:	149	Resp:	752810
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.2	4.0	6.0

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#74

Fluoranthene

Concen: 24.90 ng

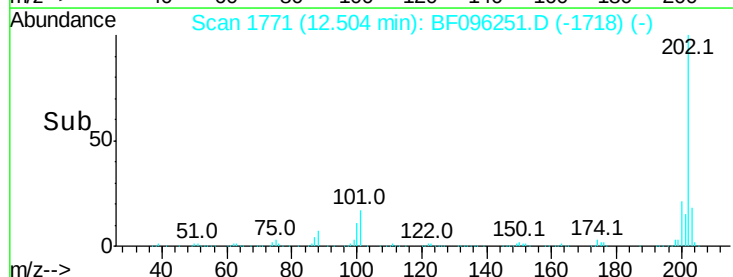
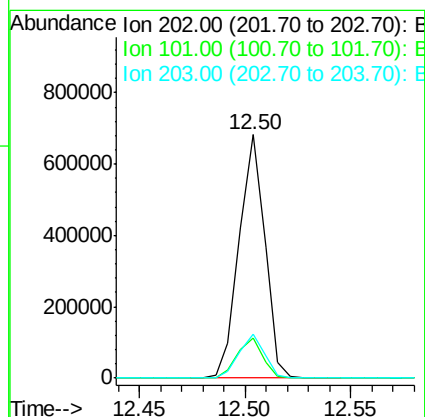
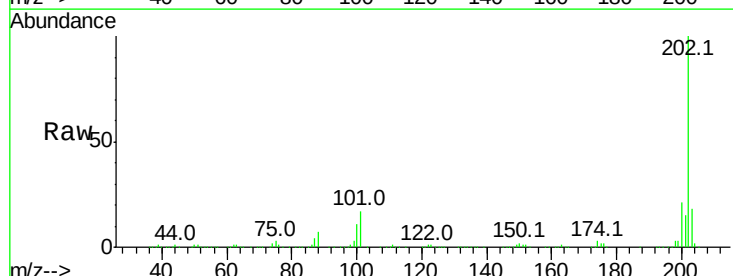
RT: 12.50 min Scan# 1771

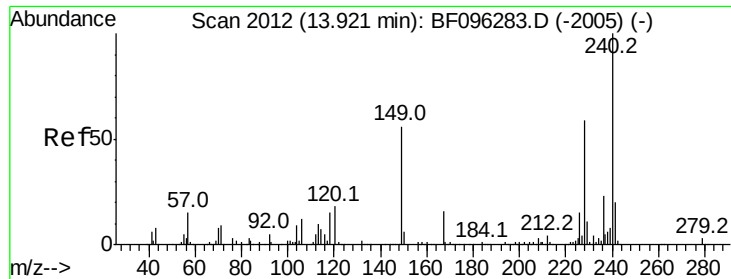
Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion:	202	Resp:	575128
Ion Ratio	Lower	Upper	
202	100		
101	16.5	0.0	33.2
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

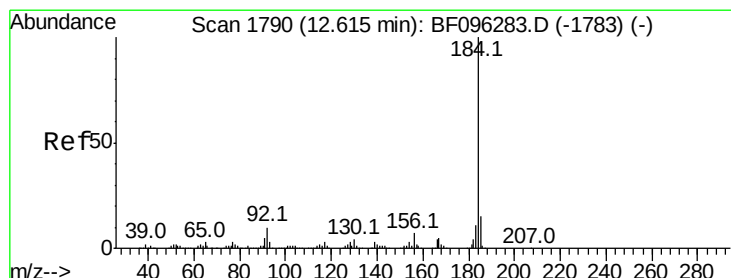
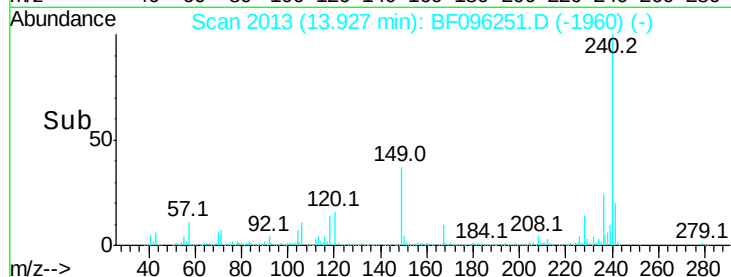
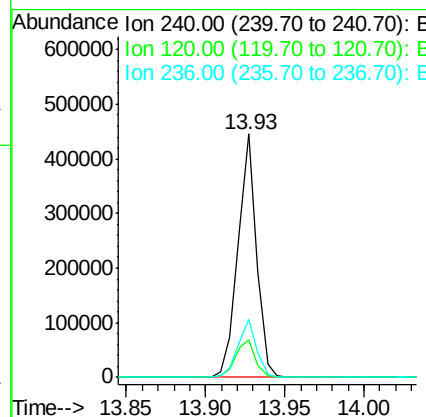
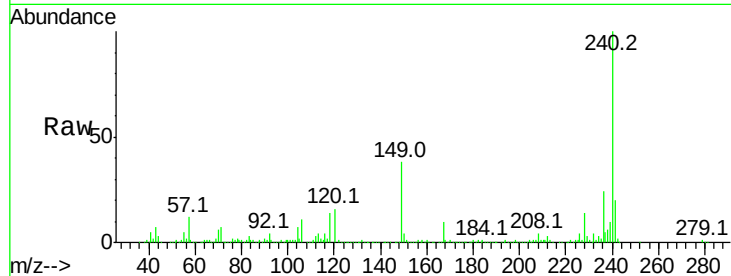
ClientSampleId :

TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.7	5.8	8.8#	
236	23.8	20.5	30.7	

Manual Integrations
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#76

Benzidine

Concen: 4.36 ng

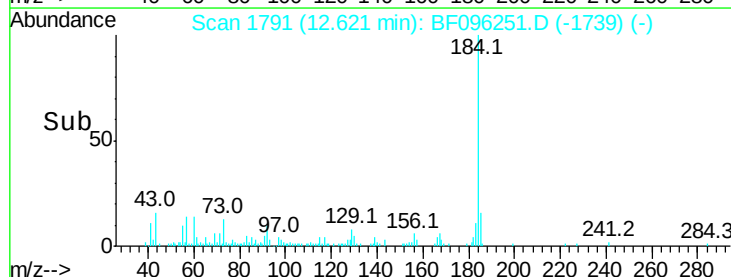
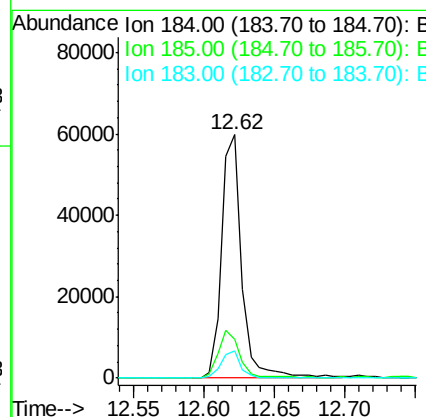
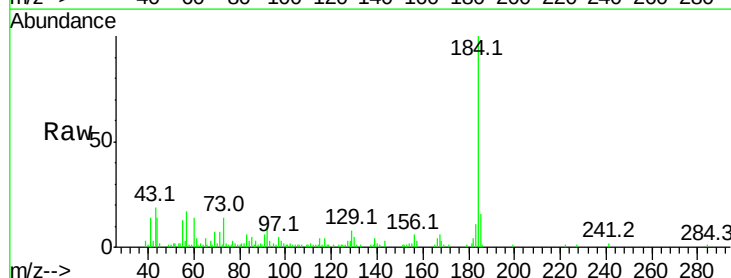
RT: 12.62 min Scan# 1791

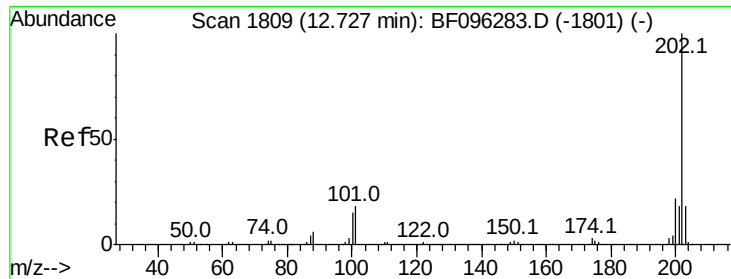
Delta R.T. 0.01 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.8	15.5	23.3	
183	11.4	9.8	14.6	





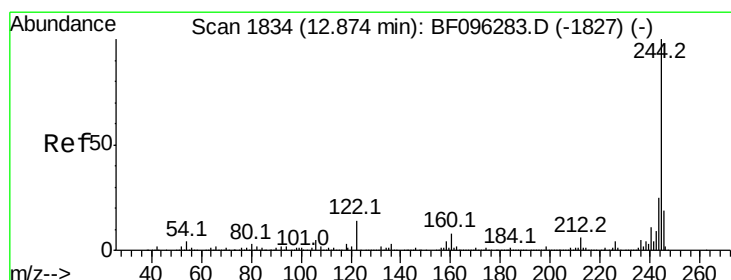
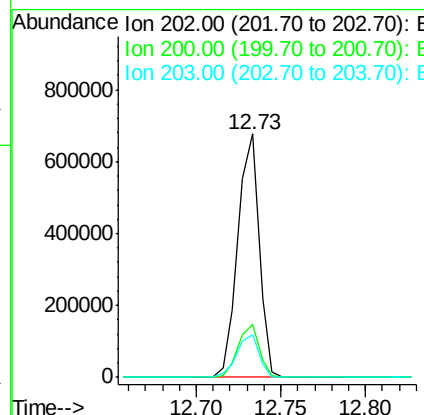
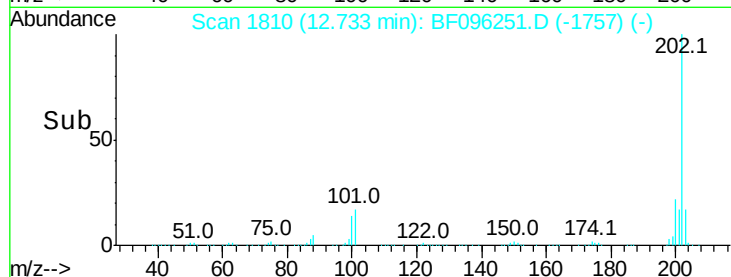
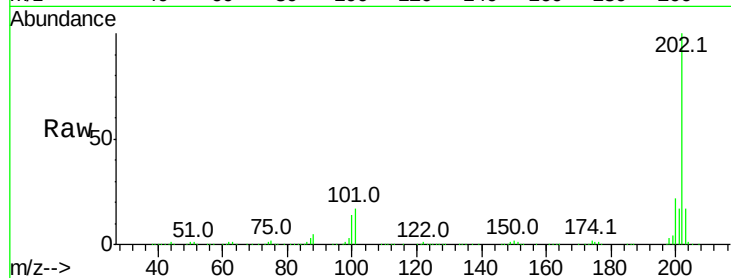
#77
Pvrene
Concen: 19.79 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.4	14.4	21.6

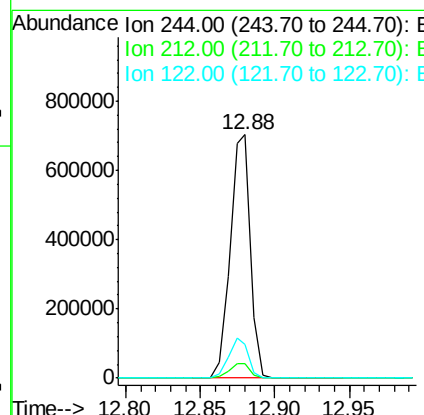
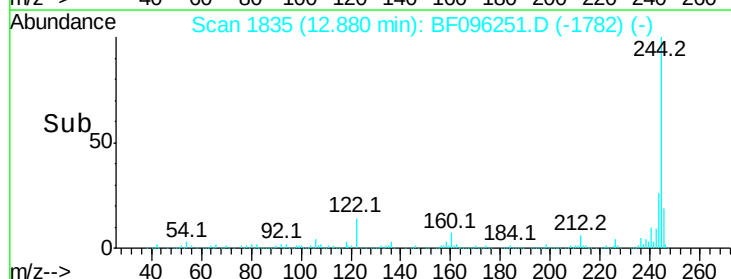
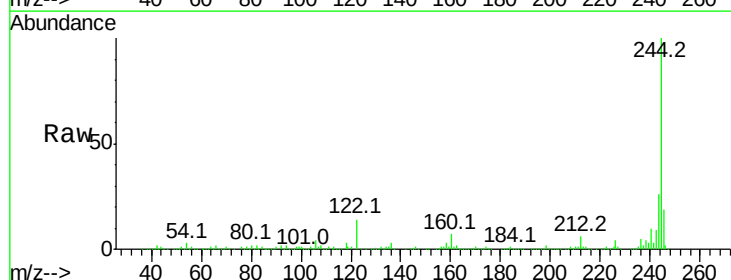
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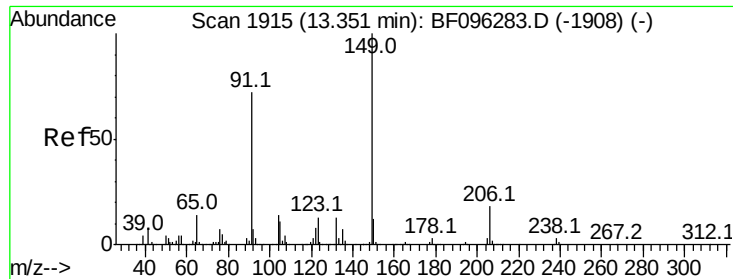
mohammad
6/29/2017 5:59:27 PM



#78
Terphenyl-d14
Concen: 46.22 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.0	6.0	9.0
122	13.6	10.3	15.5





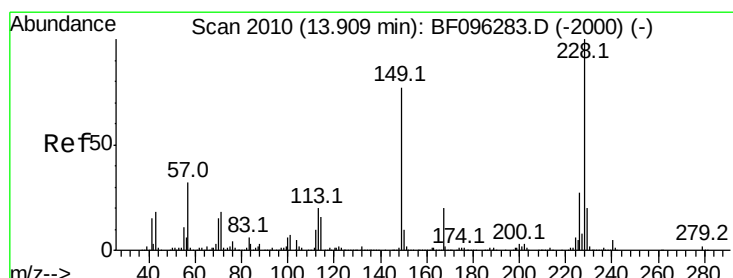
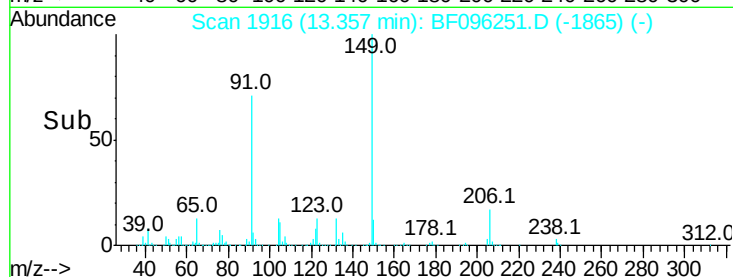
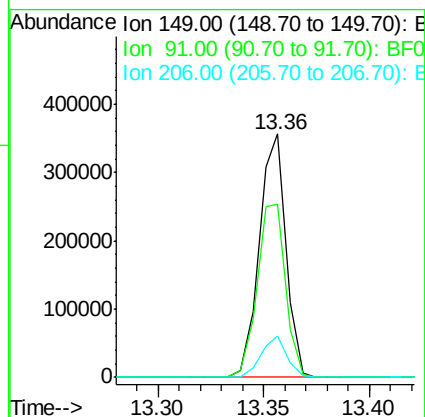
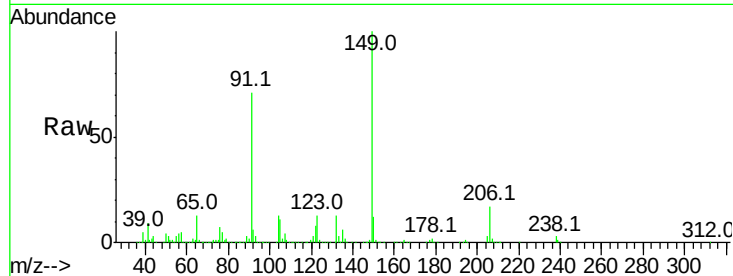
#79
Butylbenzylphthalate
Concen: 22.82 ng
RT: 13.36 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	314125		
91	70.9	45.0	67.4#	
206	17.0	17.0	25.6#	

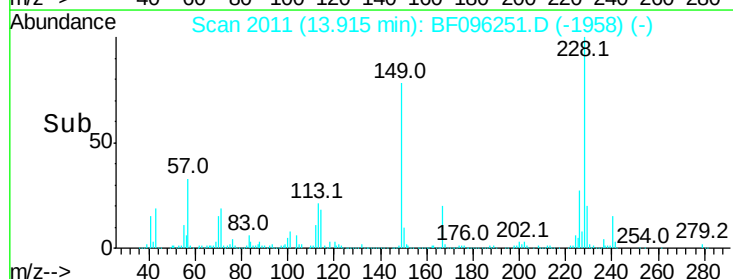
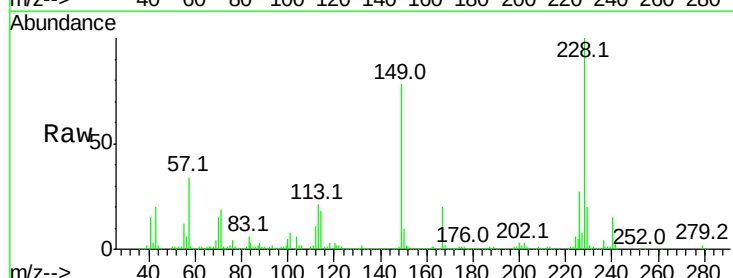
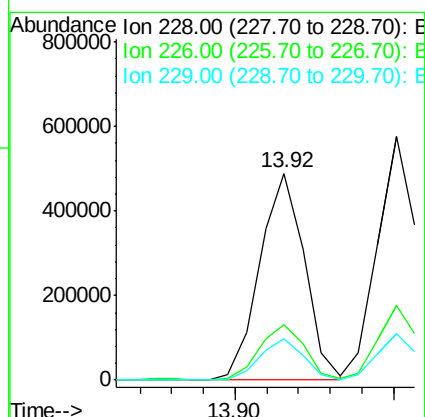
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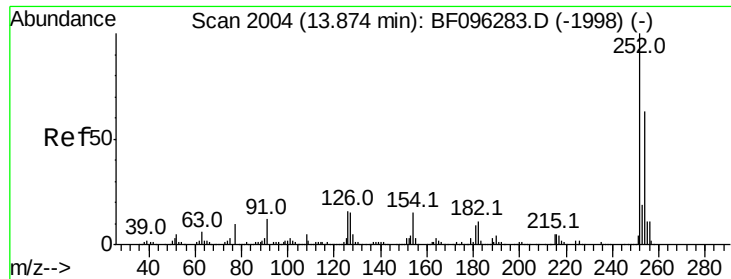
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#80
Benzo(a)anthracene
Concen: 21.50 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	479072		
226	26.9	22.6	33.8	
229	20.1	16.3	24.5	





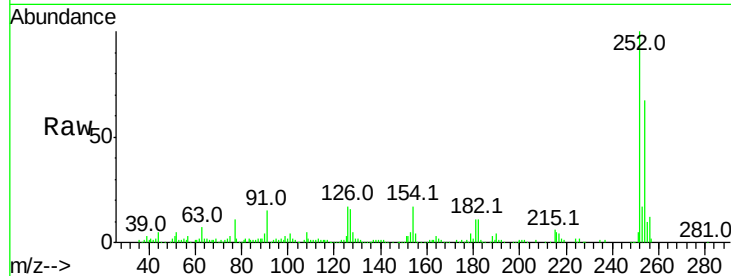
#81
 3,3'-Dichlorobenzidine
 Concen: 20.04 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampled :
 TS-1MS

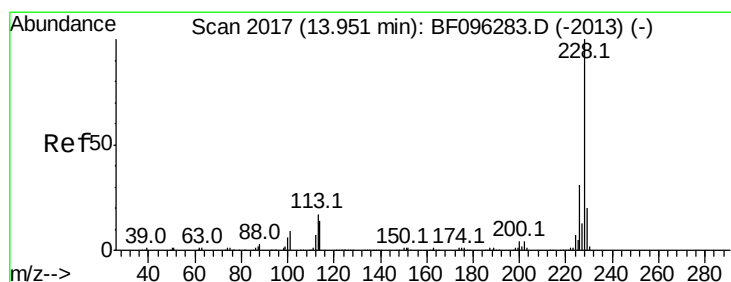
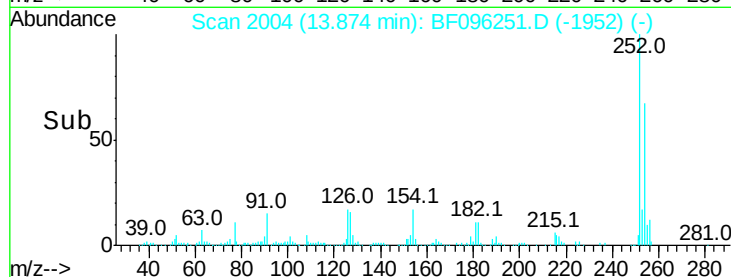
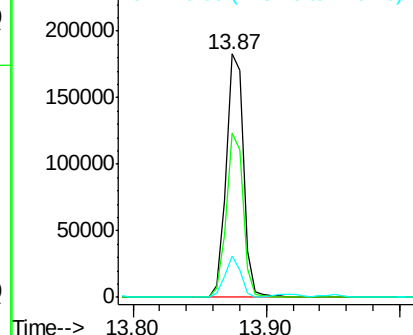
Tot Ion	Ratio	Resp	Lower	Upper
252	100	170036		
254	67.3	51.5	77.3	
126	17.1	15.8	23.8	

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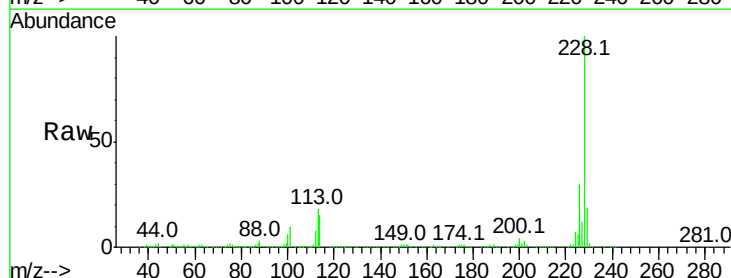


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

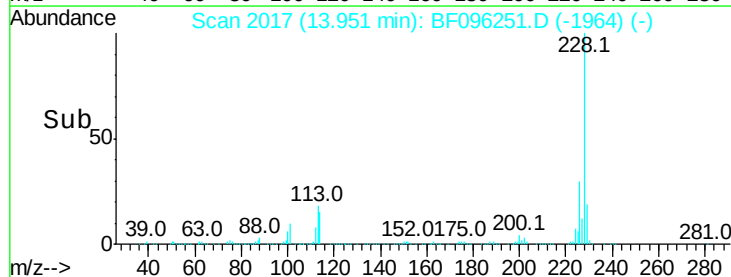
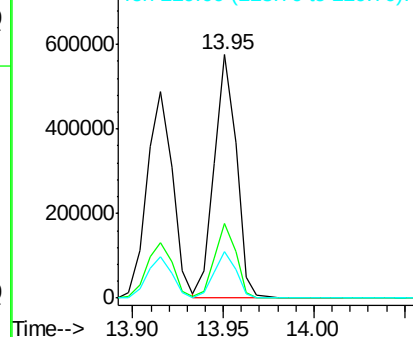


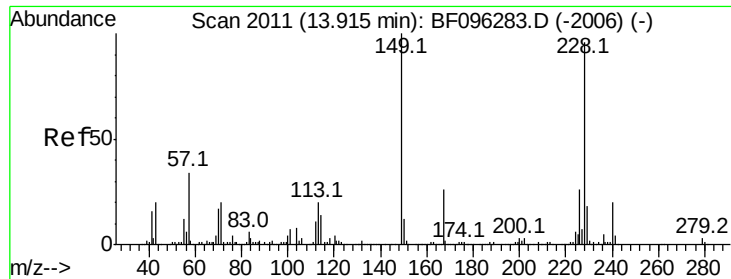
#82
 Chrysene
 Concen: 21.25 ng
 RT: 13.95 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	489804		
226	30.4	24.9	37.3	
229	19.3	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





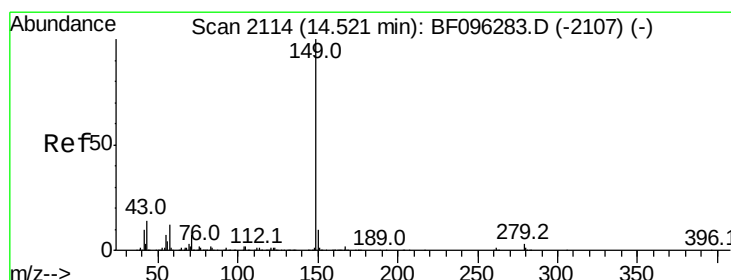
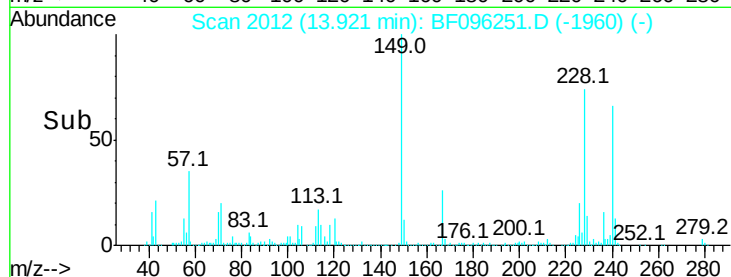
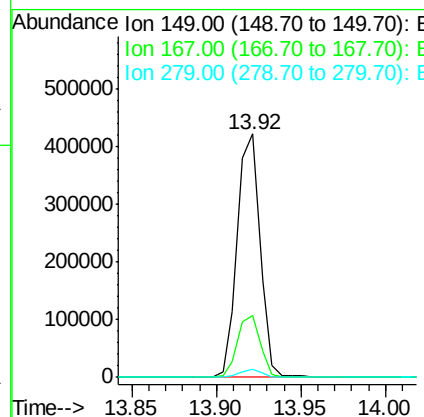
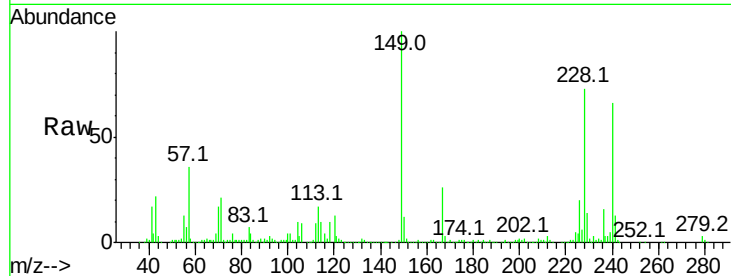
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.47 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Instrument :
 BNA_F
 ClientSampled :
 TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.5	21.0	31.4	
279	3.1	1.9	2.9#	

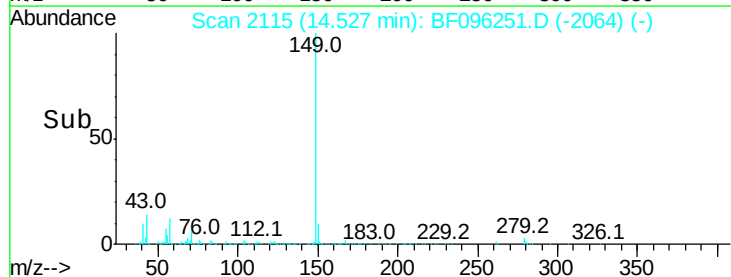
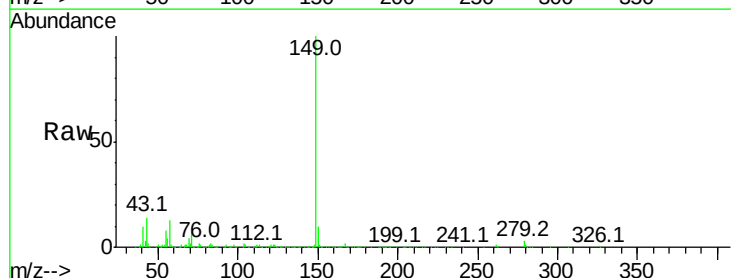
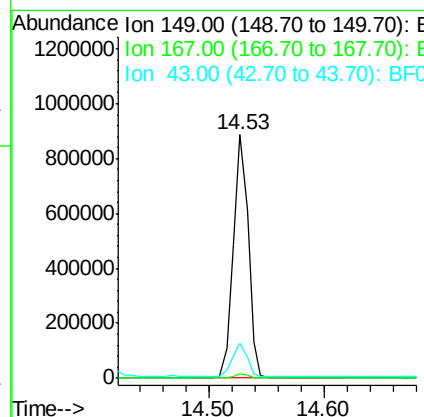
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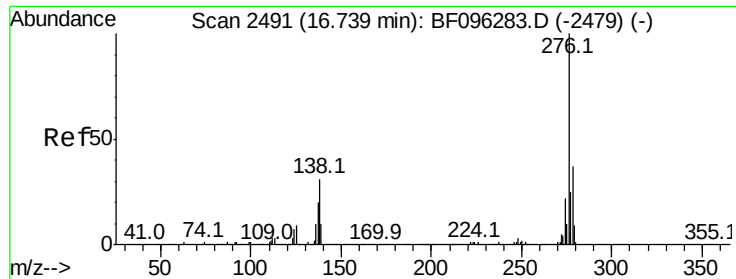
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#84
 Di-n-octyl phthalate
 Concen: 25.77 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: BF096251.D
 Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	13.4	8.5	12.7#	





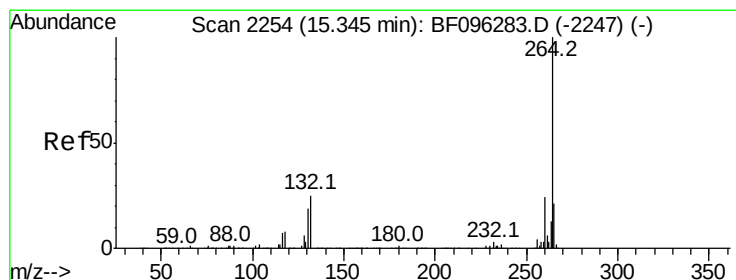
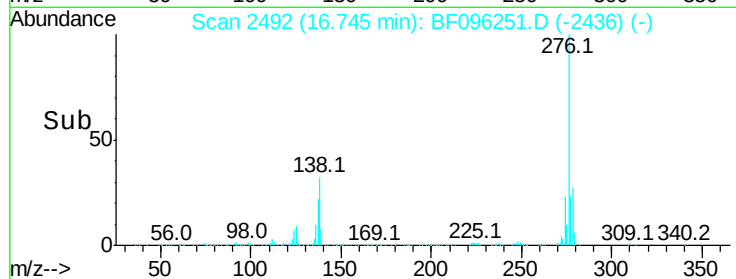
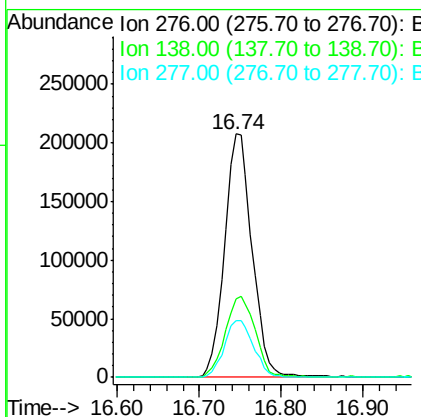
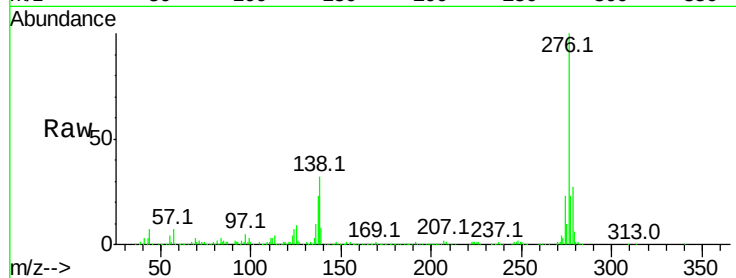
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.45 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.03 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	486886		
138	36.1		27.8	41.6
277	25.0		20.2	30.4

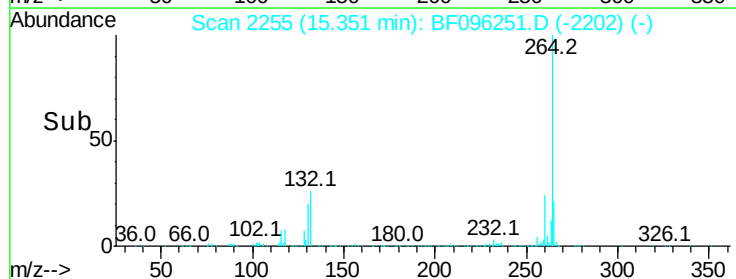
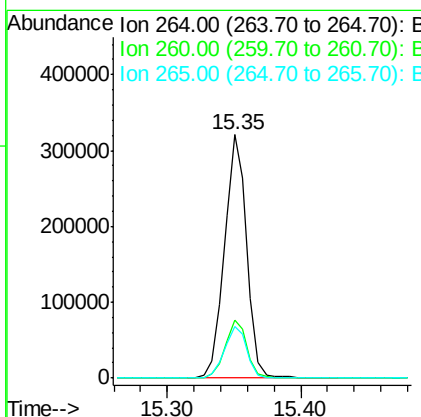
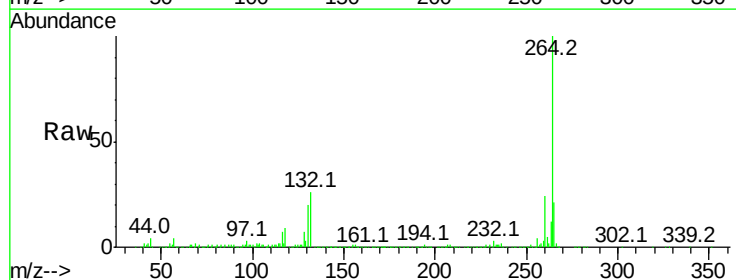
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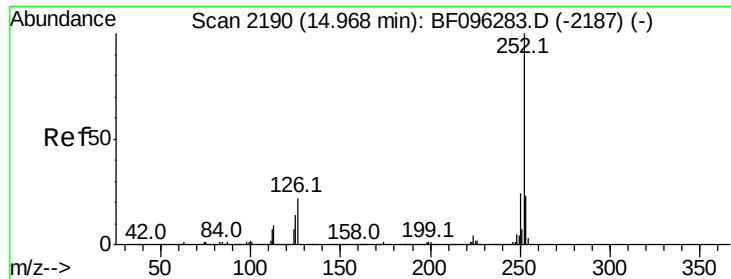
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	375015		
260	24.0		19.5	29.3
265	21.1		17.2	25.8





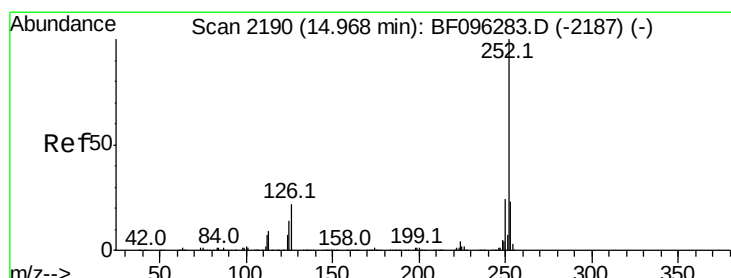
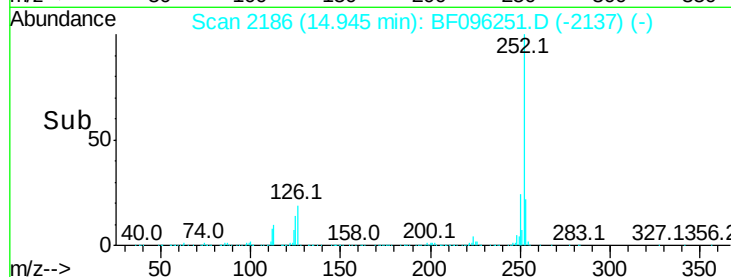
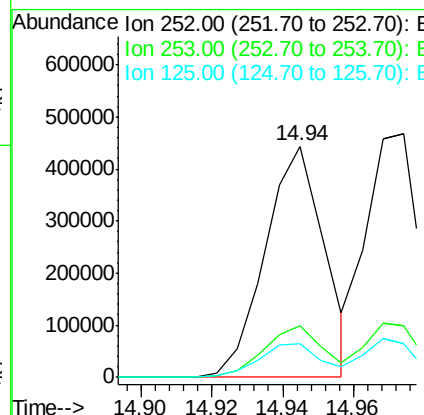
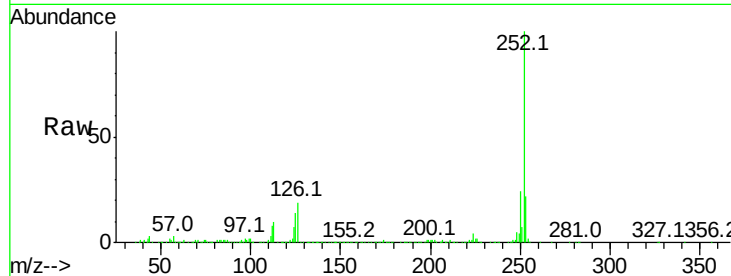
#87
Benzo(b)fluoranthene
Concen: 20.97 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	14.4	9.8	14.8

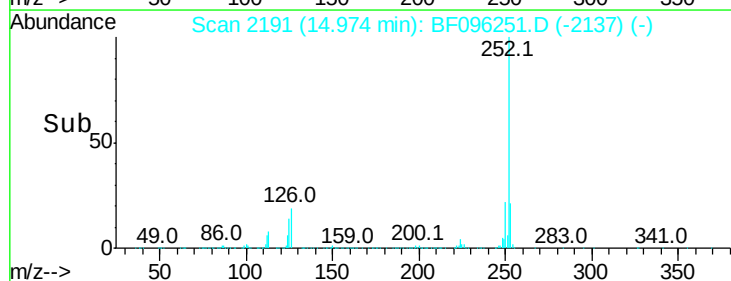
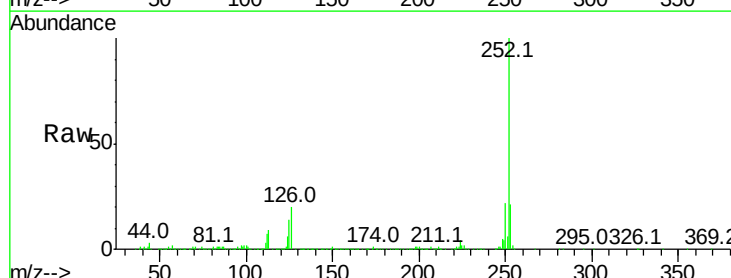
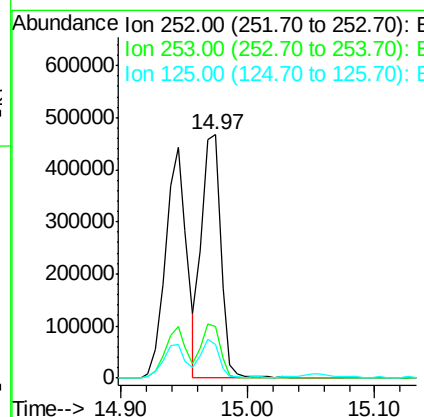
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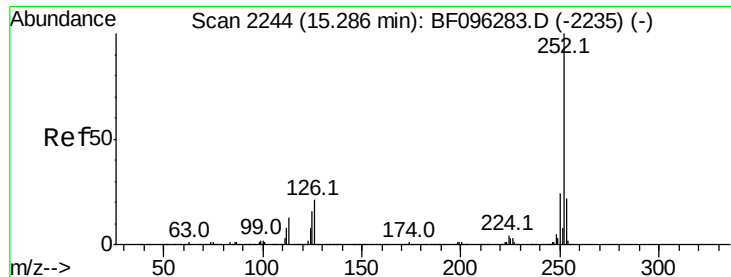
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#88
Benzo(k)fluoranthene
Concen: 21.83 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.02 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	13.8	13.1	19.7





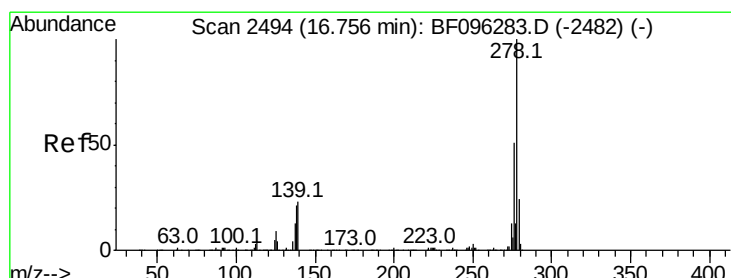
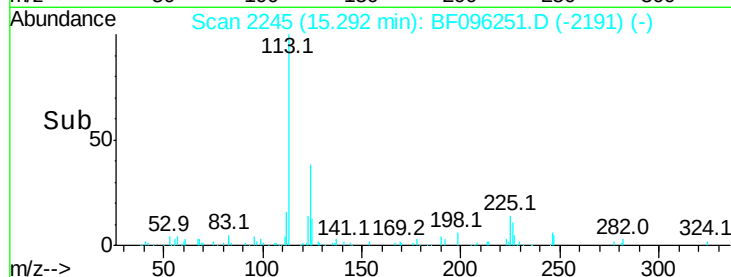
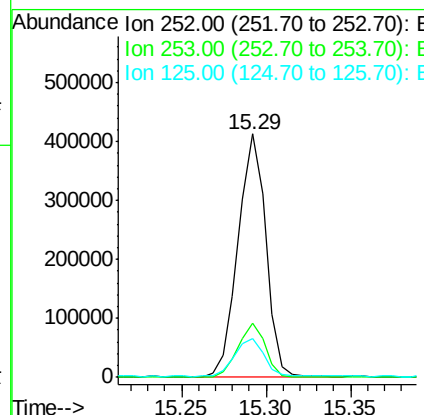
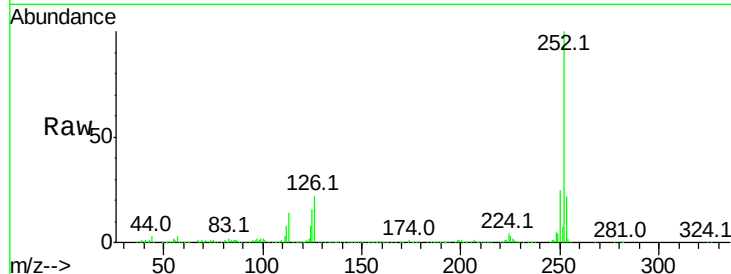
#89
Benzo(a)pyrene
Concen: 21.95 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	16.2	11.0	16.4

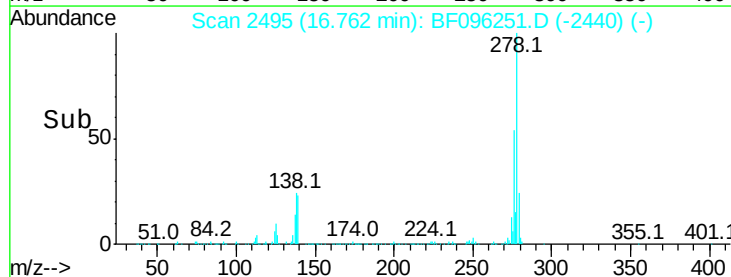
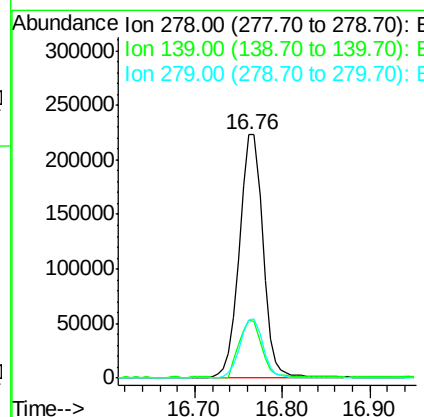
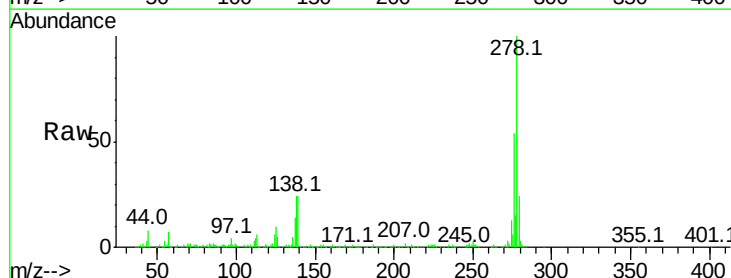
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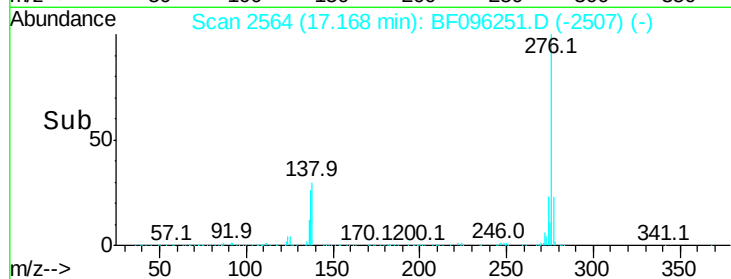
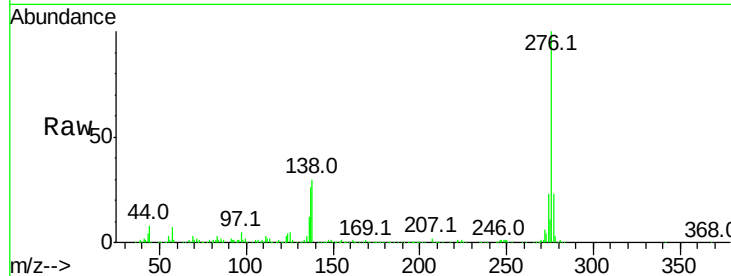
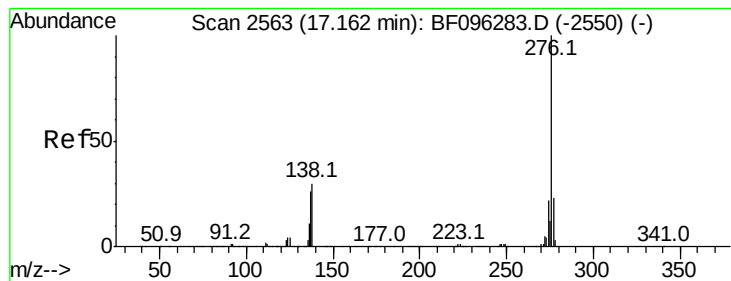
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#90
Dibenzo(a,h)anthracene
Concen: 24.07 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.02 min
Lab File: BF096251.D
Acq: 28 Jun 2017 16:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	16.6	24.8
279	23.8	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 22.23 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.04 min

Lab File: BF096251.D

Acq: 28 Jun 2017 16:01

Instrument :

BNA_F

ClientSampleId :

TS-1MS

Tot Ion: 276 Resp: 393641

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 30.0 25.4 38.0

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