

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096252.D
 Acq On : 28 Jun 2017 16:28
 Operator : SJ/MA
 Sample : I3880-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MSD

Manual Integrations
 APPROVED

mohammad
 6/29/2017 5:59:17 PM

Quant Time: Jun 29 16:00:32 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	171366	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	691997	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	271335	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	418285	20.00	ng	0.00
75) Chrysene-d12	13.93	240	347126	20.00	ng	0.01
86) Perylene-d12	15.35	264	368401	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	845646	71.09	ng	0.02
7) Phenol-d6	6.41	99	1067351	74.11	ng	0.02
23) Nitrobenzene-d5	7.34	82	604147	60.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	203714	95.40	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	970901	65.53	ng	-0.01
78) Terphenyl-d14	12.87	244	741355	53.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	121160	21.36	ng	# 81
3) Pyridine	3.24	79	150505	9.67	ng	# 73
4) n-Nitrosodimethylamine	3.15	42	185442	24.09	ng	# 98
6) Aniline	6.44	93	340172	17.13	ng	99
8) 2-Chlorophenol	6.57	128	313492	26.86	ng	95
9) Benzaldehyde	6.33	77	176920	16.94	ng	99
10) Phenol	6.42	94	439003	27.73	ng	92
11) bis(2-Chloroethyl)ether	6.52	93	334189	25.79	ng	92
12) 1,3-Dichlorobenzene	6.72	146	319218	24.81	ng	96
13) 1,4-Dichlorobenzene	6.80	146	323764	25.07	ng	94
14) 1,2-Dichlorobenzene	6.96	146	304985	25.93	ng	96
15) Benzyl Alcohol	6.92	79	274110	28.20	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	694274	25.37	ng	92
17) 2-Methylphenol	7.03	107	257468	25.44	ng	96
18) Hexachloroethane	7.30	117	111620	23.97	ng	# 78
19) n-Nitroso-di-n-propylamine	7.19	70	223391	25.89	ng	# 87
20) 3+4-Methylphenols	7.19	107	311992	27.03	ng	91
22) Acetophenone	7.19	105	411202	28.59	ng	# 90
24) Nitrobenzene	7.36	77	329295	29.75	ng	95
25) Isophorone	7.60	82	615197	27.10	ng	99
26) 2-Nitrophenol	7.68	139	154171	32.51	ng	# 91
27) 2,4-Dimethylphenol	7.72	122	278162	27.12	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	416019	27.05	ng	98
29) 2,4-Dichlorophenol	7.92	162	238190	27.23	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	226181	26.05	ng	97
31) Naphthalene	8.09	128	882665	26.46	ng	99
32) Benzoic acid	7.77	122	40424	13.34	ng	94
33) 4-Chloroaniline	8.13	127	280052	20.28	ng	99
34) Hexachlorobutadiene	8.21	225	111627	25.91	ng	98
35) Caprolactam	8.47	113	61649	20.39	ng	# 60
36) 4-Chloro-3-methylphenol	8.61	107	254794	26.77	ng	95
37) 2-Methylnaphthalene	8.77	142	575636	26.57	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	188143	28.65	ng	98
40) Hexachlorocyclopentadiene	8.93	237	102136	34.69	ng	95

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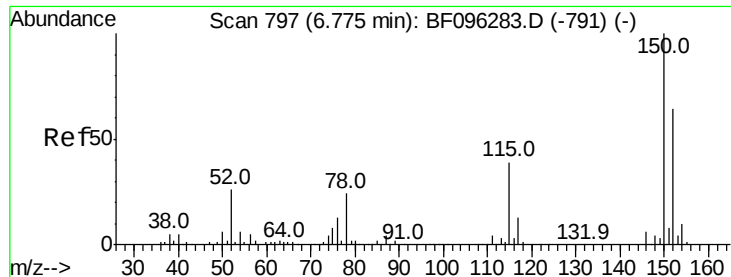
Manual Integrations
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Quant Time: Jun 29 16:00:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	146813	29.65	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	147178	28.20	nq	98
45) 1,1'-Biphenyl	9.24	154	627401	30.14	nq	95
46) 2-Chloronaphthalene	9.26	162	486702	28.18	nq	94
47) 2-Nitroaniline	9.35	65	180414	33.08	nq	96
48) Acenaphthylene	9.67	152	754343	26.32	nq	99
49) Dimethylphthalate	9.54	163	773176	39.82	nq	99
50) 2,6-Dinitrotoluene	9.59	165	120445	29.82	nq	# 77
51) Acenaphthene	9.85	154	445330	26.41	nq	99
52) 3-Nitroaniline	9.76	138	132912	25.69	nq	97
53) 2,4-Dinitrophenol	9.86	184	28870	27.34	nq	# 78
54) Dibenzofuran	10.02	168	650756	29.55	nq	98
55) 4-Nitrophenol	9.92	139	214423	51.26	nq	# 68
56) 2,4-Dinitrotoluene	9.99	165	152021	29.86	nq	# 79
57) Fluorene	10.36	166	460684	27.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	107134m	29.38	nq	
59) Diethylphthalate	10.24	149	552076	28.31	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	195712	28.20	nq	94
61) 4-Nitroaniline	10.36	138	117894	26.20	nq	90
62) Azobenzene	10.52	77	573058	29.14	nq	96
64) 4,6-Dinitro-2-methylphenol	10.40	198	32639	20.91	nq	91
65) n-Nitrosodiphenylamine	10.47	169	433375	28.81	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	120988	28.11	nq	94
67) Hexachlorobenzene	10.92	284	132185	29.87	nq	95
68) Atrazine	11.00	200	121239	30.55	nq	96
69) Pentachlorophenol	11.10	266	143557	56.84	nq	99
70) Phenanthrene	11.32	178	668796	29.18	nq	99
71) Anthracene	11.37	178	661116	28.28	nq	99
72) Carbazole	11.52	167	651282	25.24	nq	98
73) Di-n-butylphthalate	11.86	149	849950	31.19	nq	99
74) Fluoranthene	12.50	202	657266	28.29	nq	97
76) Benzidine	12.62	184	63592	4.89	nq	# 96
77) Pyrene	12.73	202	677149	23.74	nq	98
79) Butylbenzylphthalate	13.36	149	346873	26.53	nq	# 83
80) Benzo(a)anthracene	13.92	228	525683	24.84	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	188049	23.34	nq	# 96
82) Chrysene	13.95	228	544147	24.86	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	443698	31.23	nq	98
84) Di-n-octyl phthalate	14.53	149	875010	29.90	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.75	276	556678	30.64	nq	99
87) Benzo(b)fluoranthene	14.94	252	574516	23.74	nq	98
88) Benzo(k)fluoranthene	14.97	252	538371	24.37	nq	97
89) Benzo(a)pyrene	15.29	252	533551	24.96	nq	98
90) Dibenzo(a,h)anthracene	16.77	278	471035	28.14	nq	98
91) Benzo(g,h,i)perylene	17.17	276	441997	25.41	nq	98

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



#1

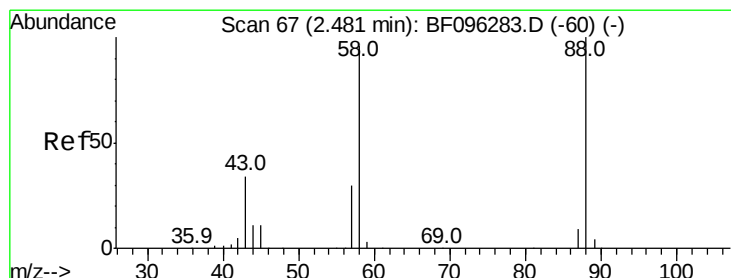
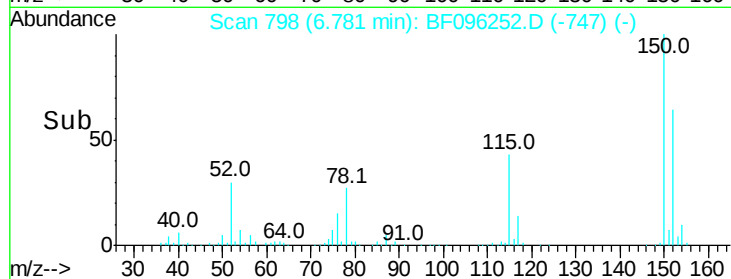
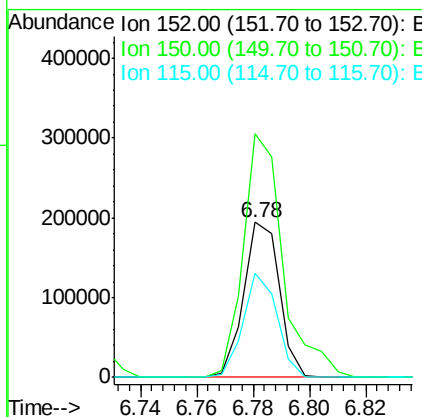
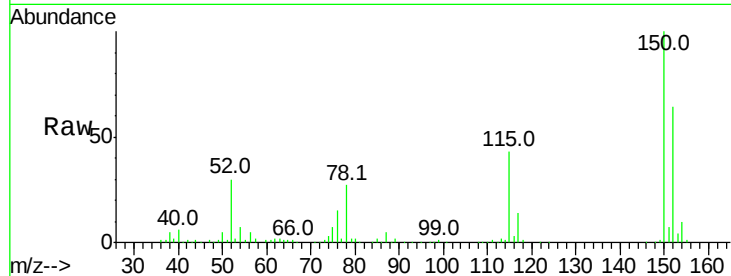
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	67.0	52.2	78.2

Manual Integrations
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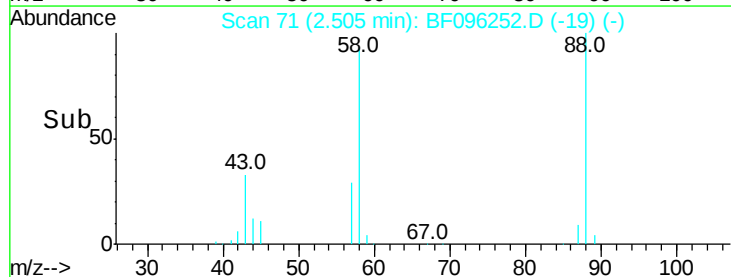
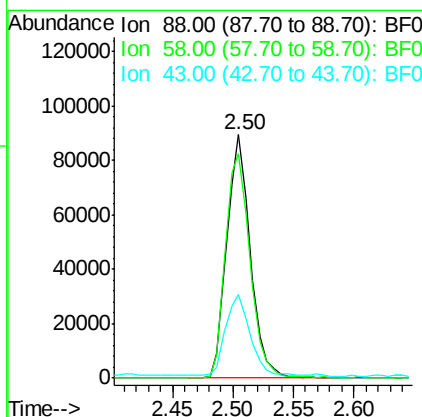
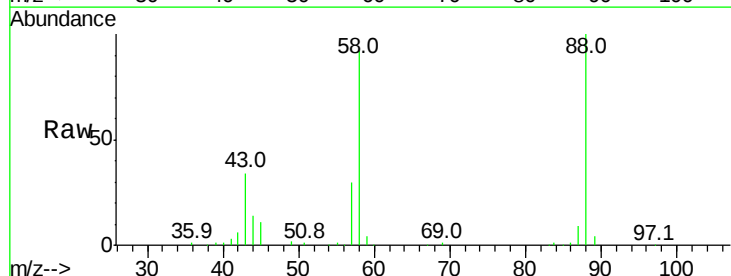
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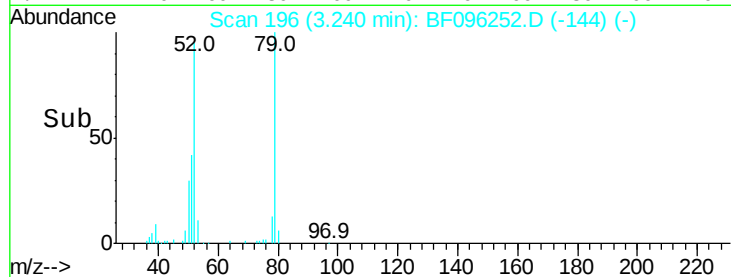
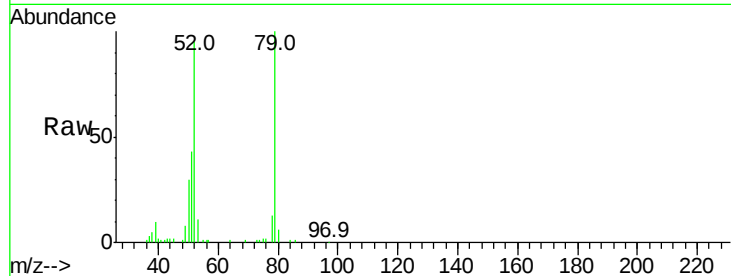
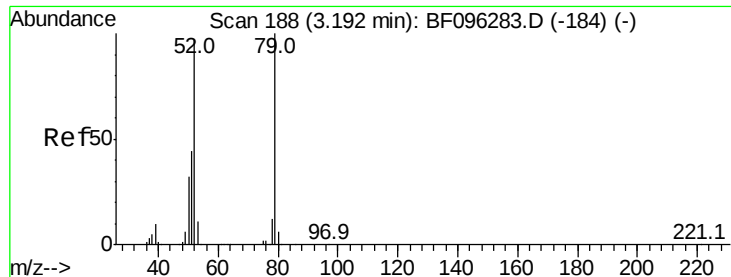


#2

1,4-Dioxane
Concen: 21.36 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.4	61.4	92.0#
43	34.6	23.4	35.0





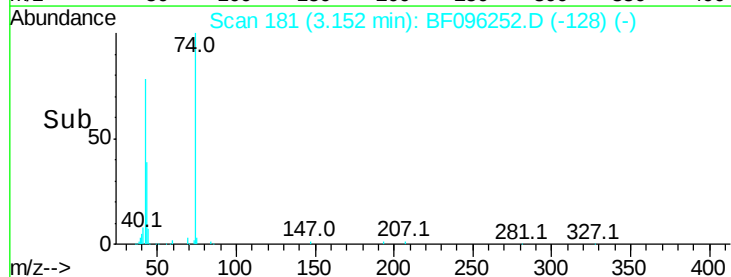
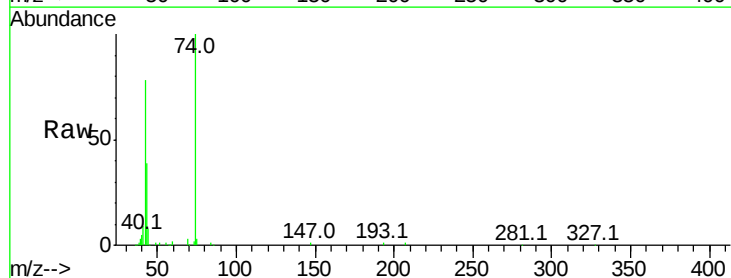
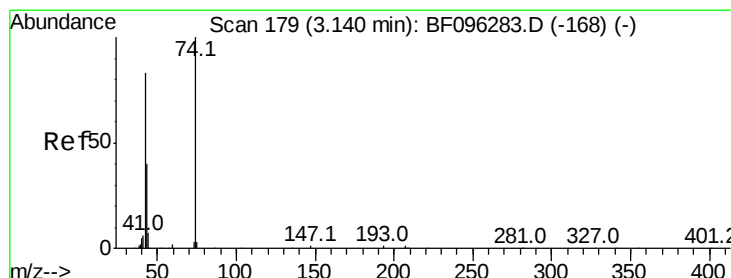
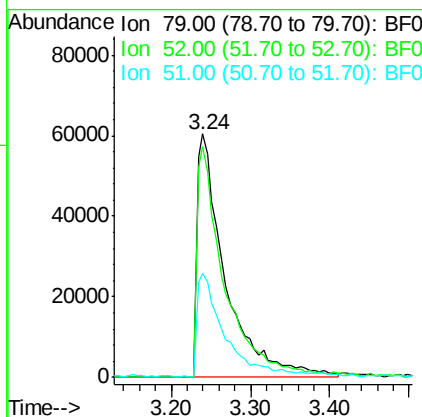
#3
Pvridine
Concen: 9.67 ng
RT: 3.24 min Scan# 196
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tot Ion	Ratio	Lower	Upper
79	100		
52	94.9	54.8	82.2#
51	42.5	27.0	40.4#

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

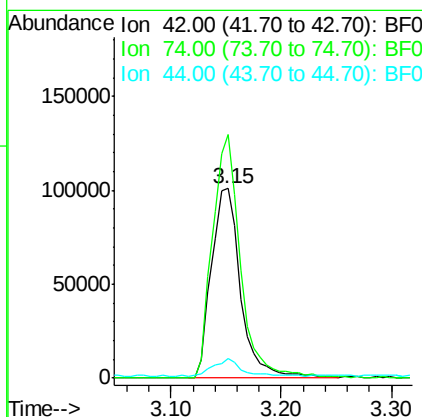
Manual Integrations
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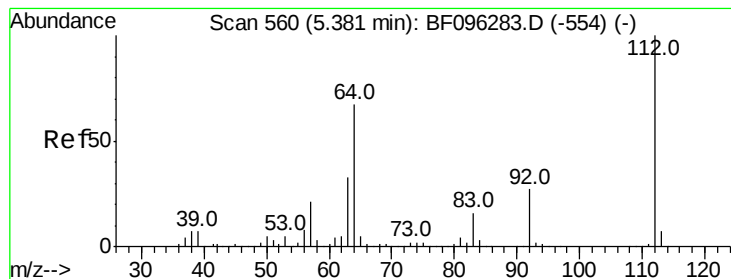
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#4
n-Nitrosodimethylamine
Concen: 24.09 ng
RT: 3.15 min Scan# 181
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.3	103.9	155.9
44	10.5	5.7	8.5#





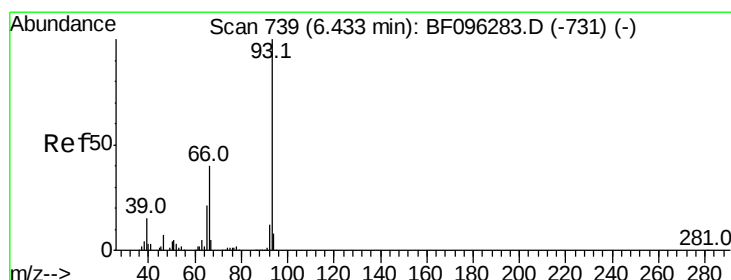
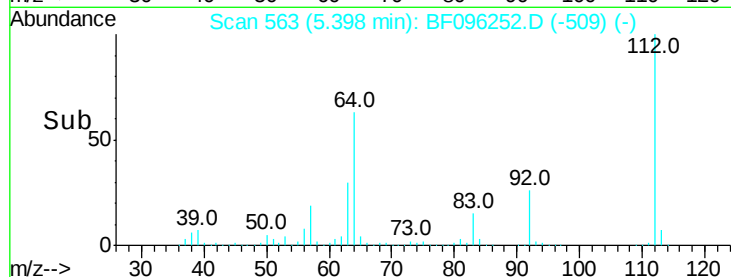
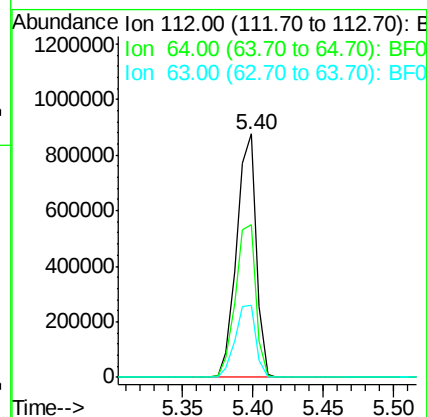
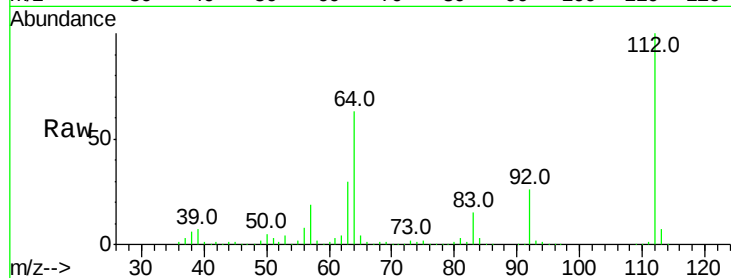
#5
2-Fluorophenol
Concen: 71.09 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	62.7	46.0	69.0
63	29.9	23.4	35.0

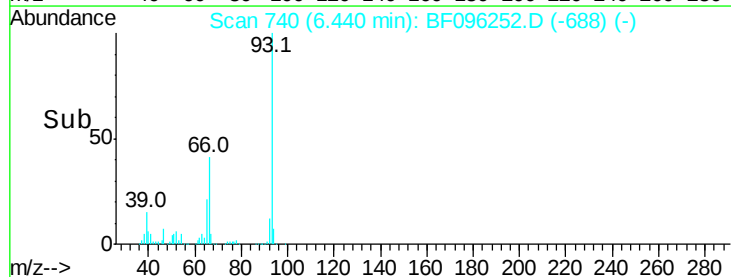
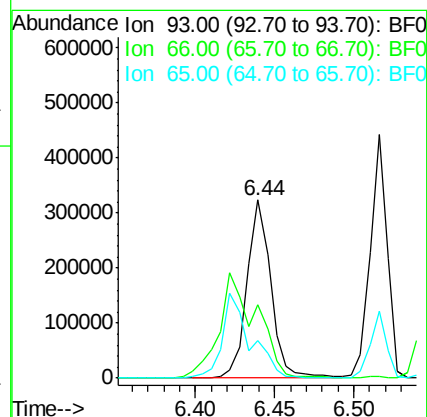
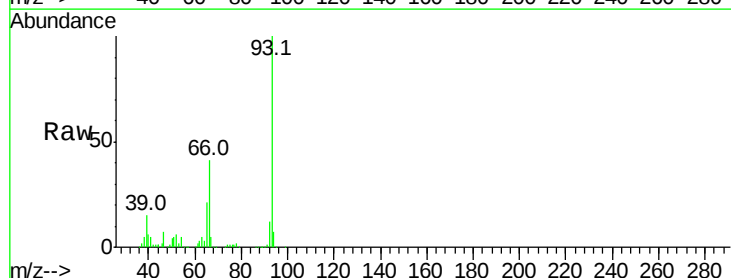
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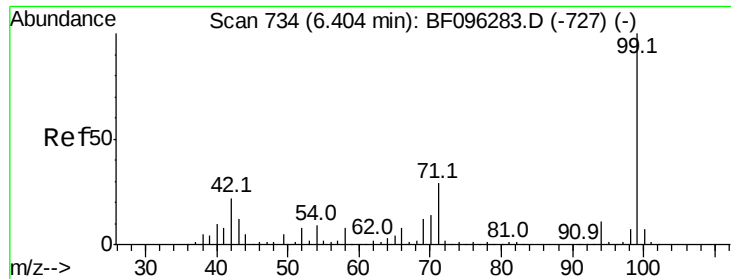
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#6
Aniline
Concen: 17.13 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	41.4	32.9	49.3
65	21.1	16.0	24.0





#7

Phenol-d6

Concen: 74.11 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

ClientSampleId :

TS-1MSD

Tot Ion: 99 Resp: 1067351

Ion Ratio Lower Upper

99 100

42 21.5 13.5 20.3#

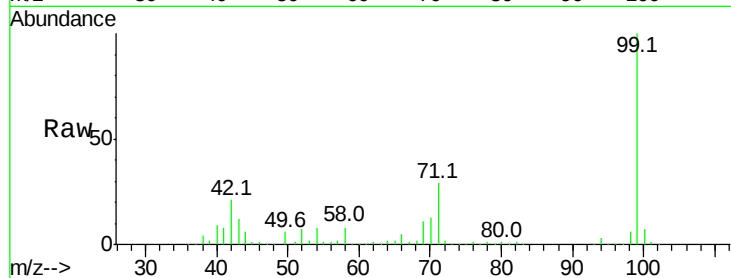
71 28.8 24.5 36.7

Manual Integrations

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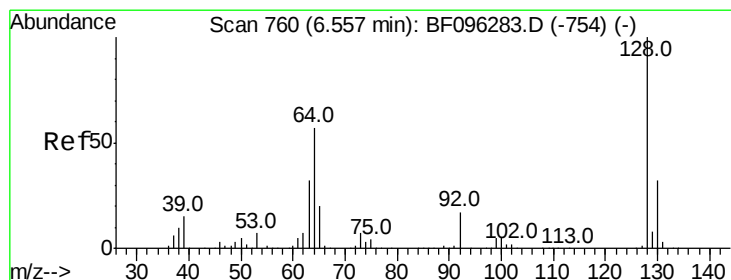
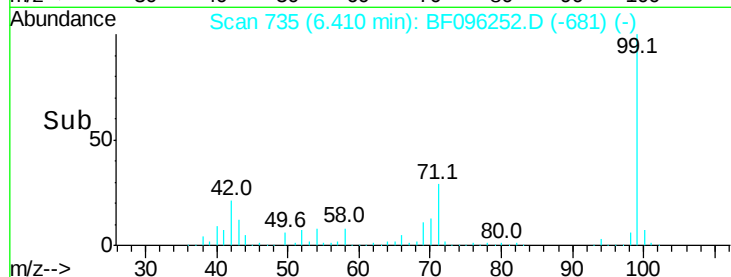
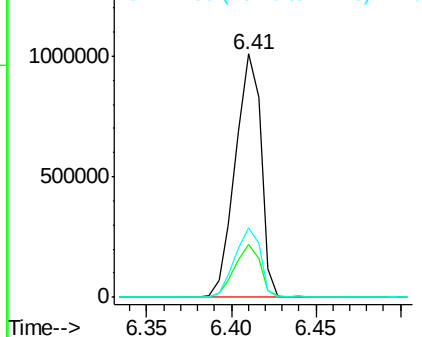
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 26.86 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

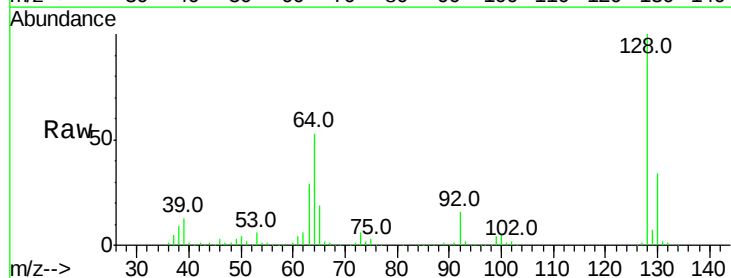
Tgt Ion:128 Resp: 313492

Ion Ratio Lower Upper

128 100

130 33.7 12.9 52.9

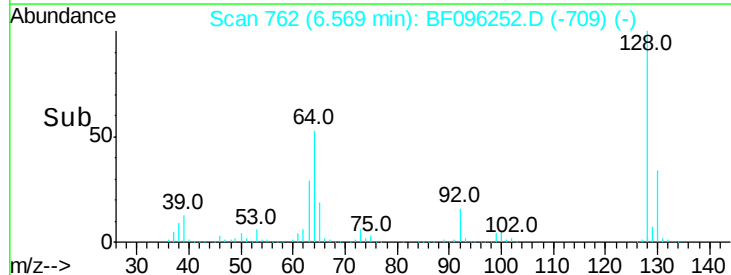
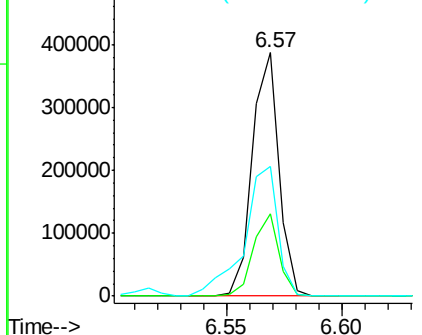
64 53.2 28.4 68.4

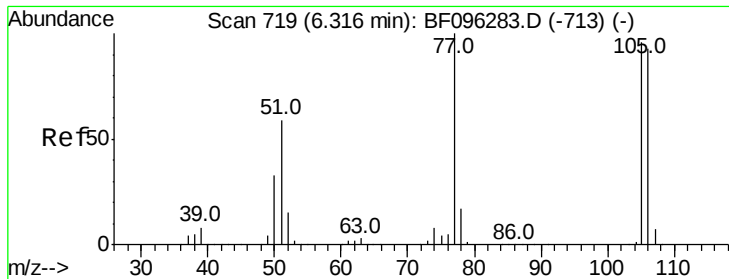


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.94 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

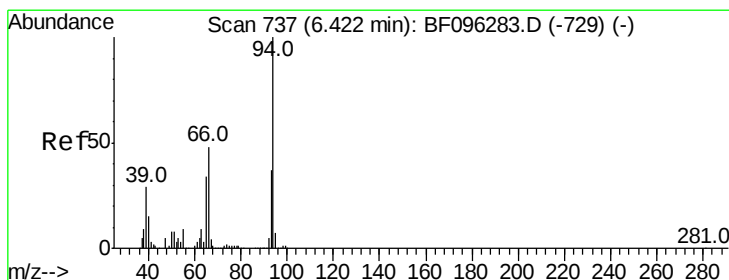
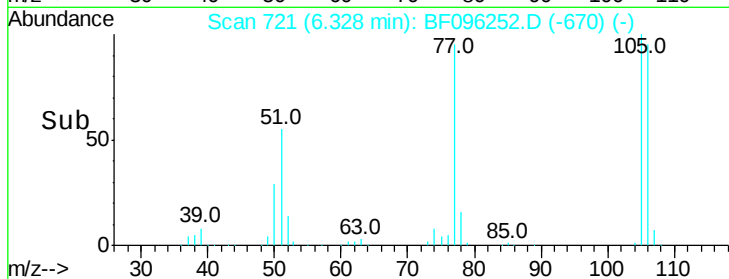
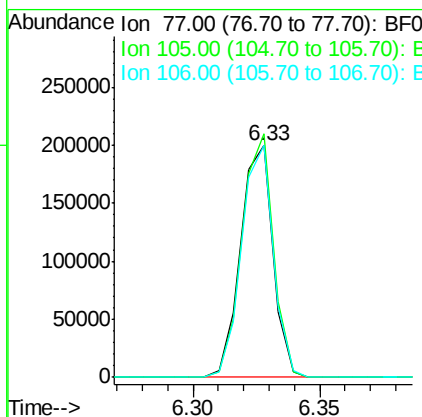
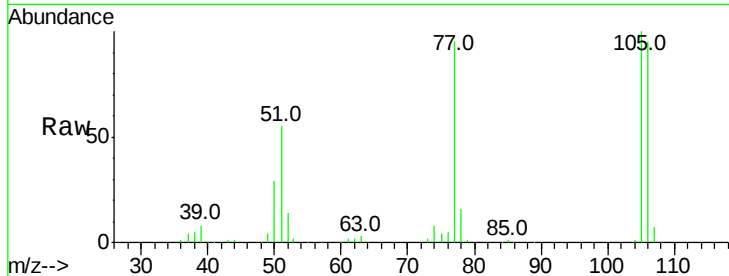
ClientSampleId :

TS-1MSD

Tot Ion:	77	Resp:	176920
Ion	Ratio	Lower	Upper
77	100		
105	105.0	83.8	123.8
106	99.8	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 27.73 ng

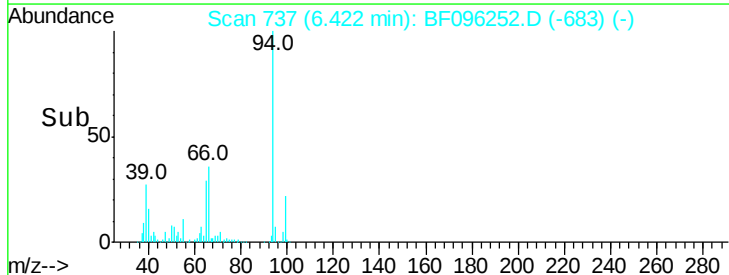
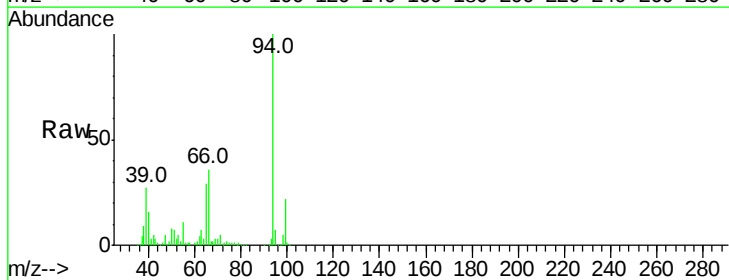
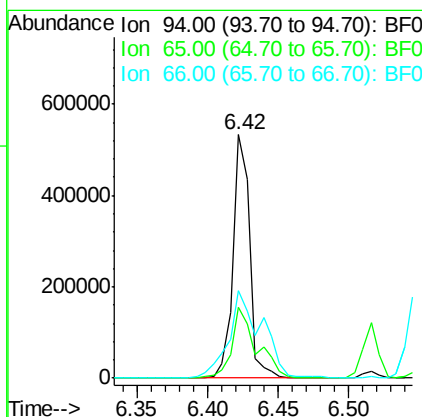
RT: 6.42 min Scan# 737

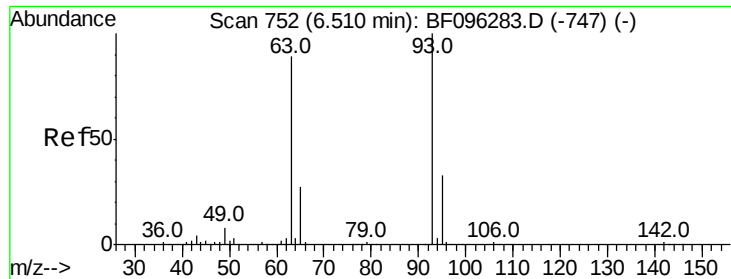
Delta R.T. 0.02 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion:	94	Resp:	439003
Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.9	49.9
66	35.7	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 25.79 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

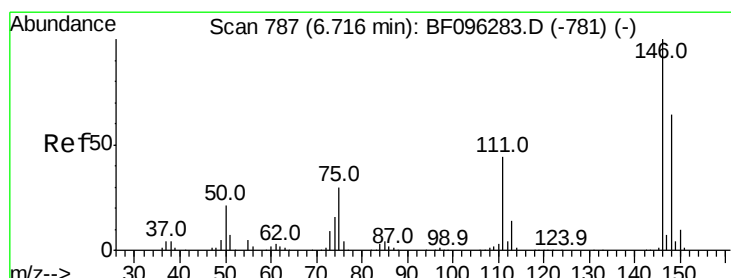
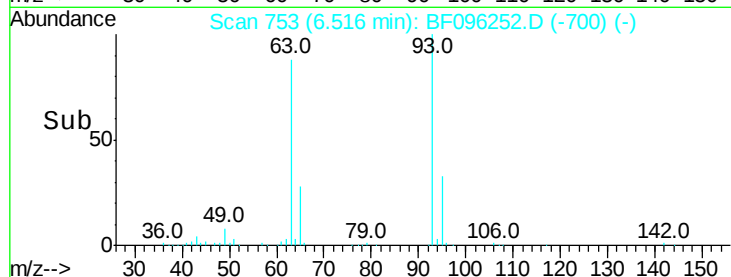
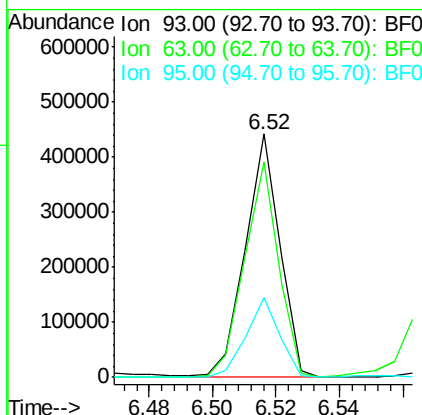
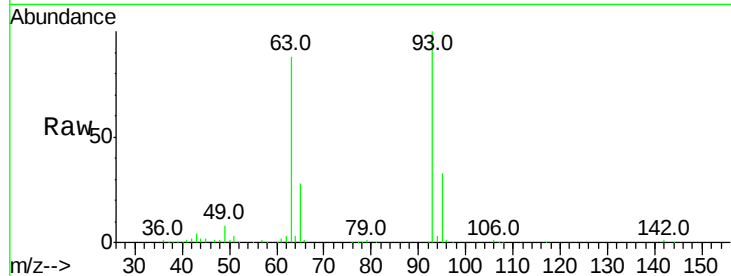
ClientSampleId :

TS-1MSD

Tot Ion:	93	Resp:	334189
Ion	Ratio	Lower	Upper
93	100		
63	88.4	59.2	99.2
95	32.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 24.81 ng

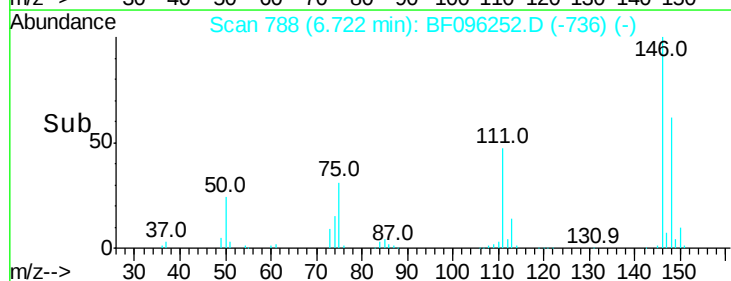
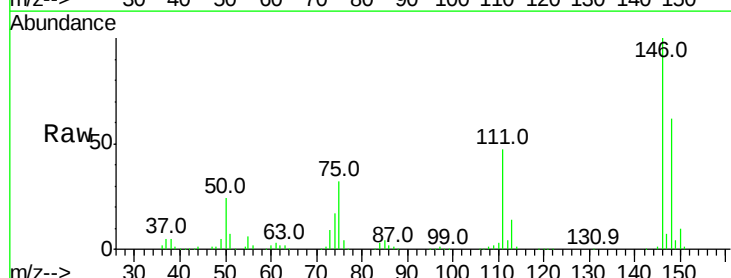
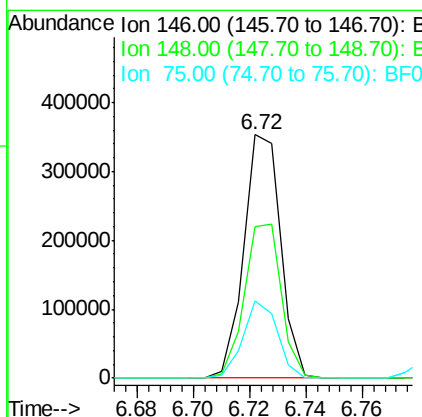
RT: 6.72 min Scan# 788

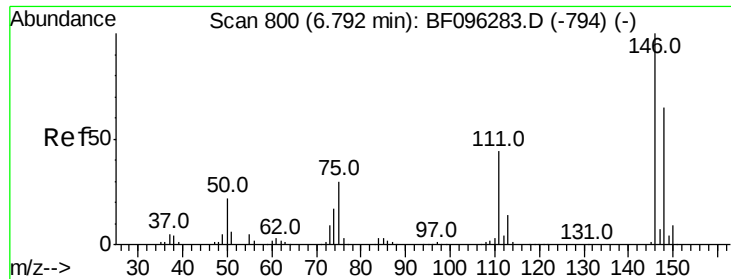
Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion:	146	Resp:	319218
Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.8	77.6
75	31.8	23.1	34.7





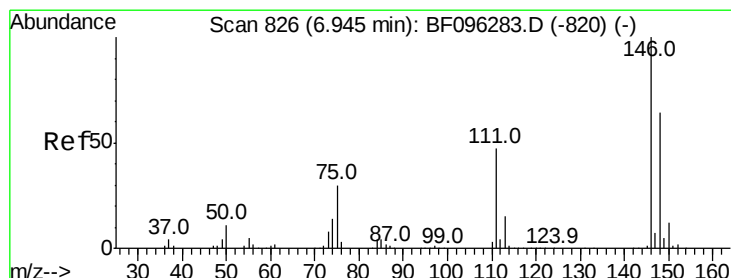
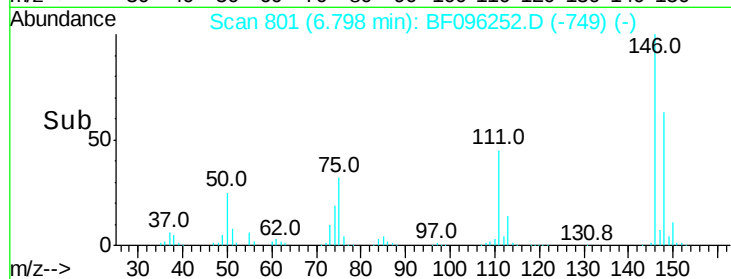
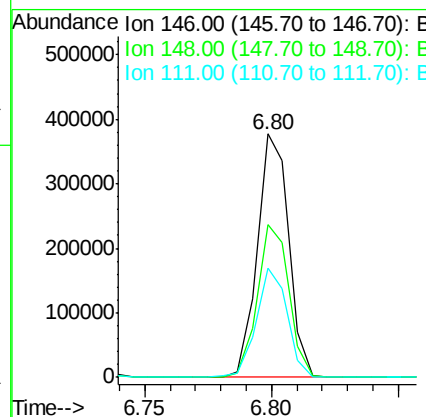
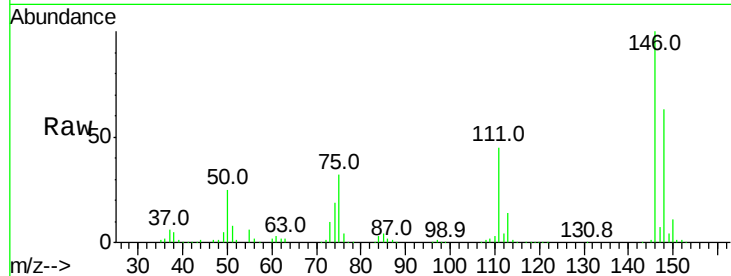
#13
 1,4-Dichlorobenzene
 Concen: 25.07 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Instrument :
 BNA_F
 ClientSampled :
 TS-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	44.8	30.3	45.5

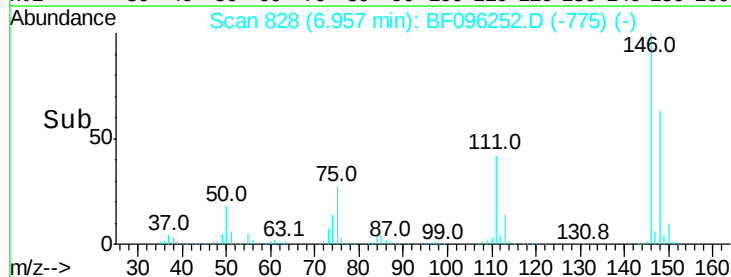
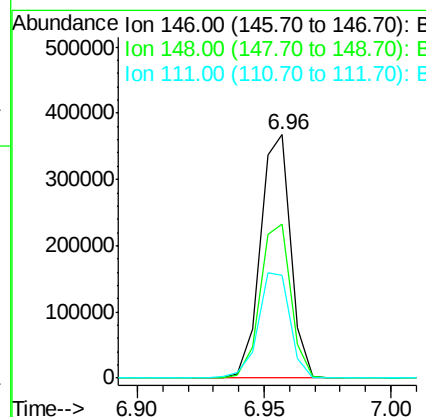
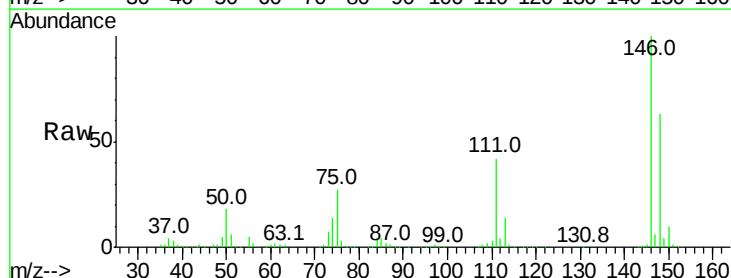
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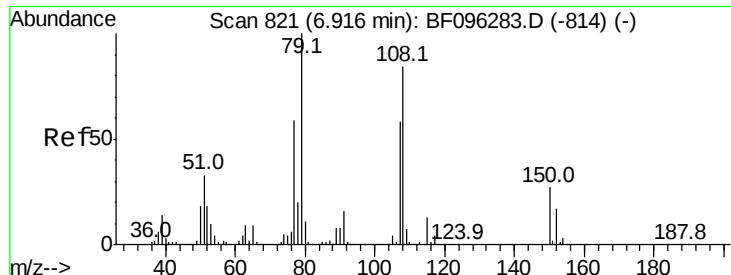
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 25.93 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	42.2	38.2	57.4





#15

Benzyl Alcohol

Concen: 28.20 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

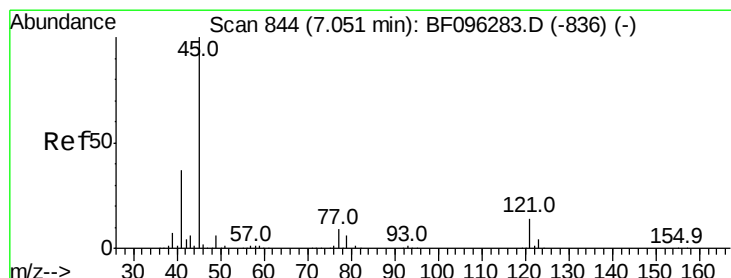
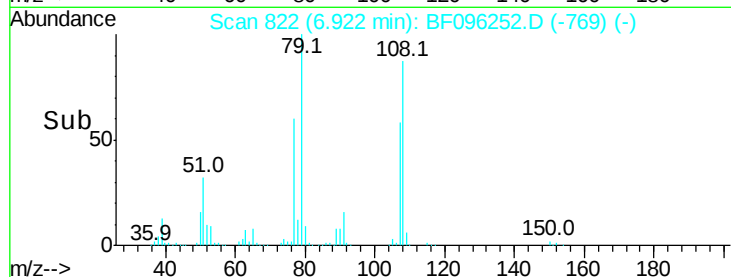
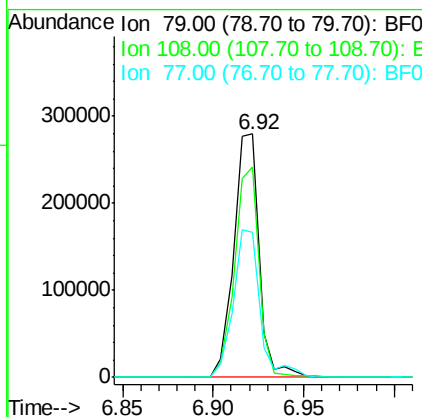
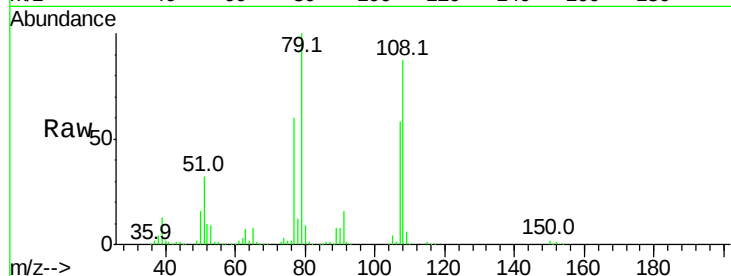
ClientSampleId :

TS-1MSD

Tot Ion:	79	Resp:	274110
Ion Ratio	Lower	Upper	
79	100		
108	86.6	63.4	95.0
77	59.7	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.37 ng

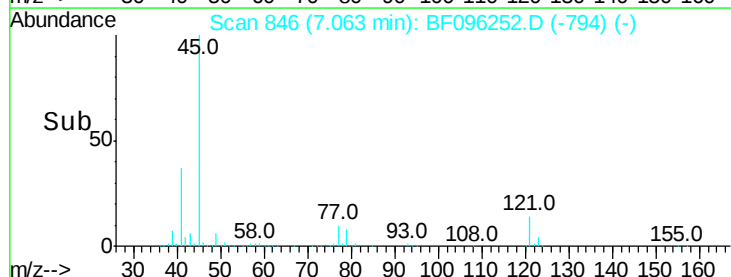
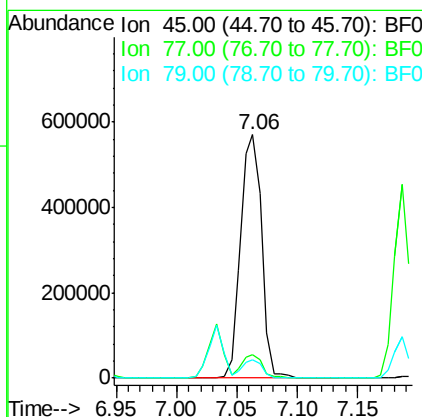
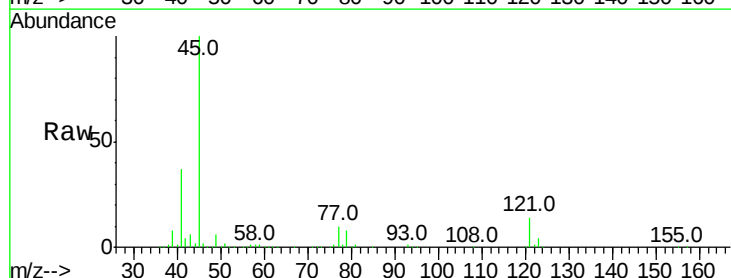
RT: 7.06 min Scan# 846

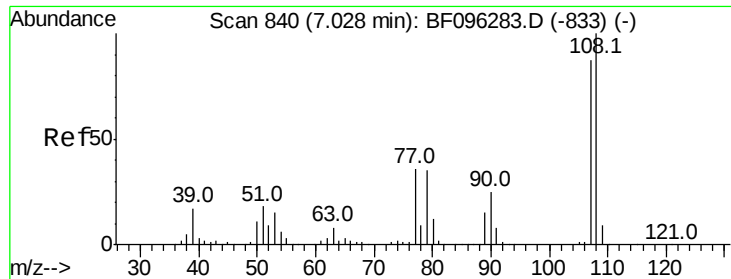
Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion:	45	Resp:	694274
Ion Ratio	Lower	Upper	
45	100		
77	9.6	0.0	33.2
79	7.8	0.0	30.0





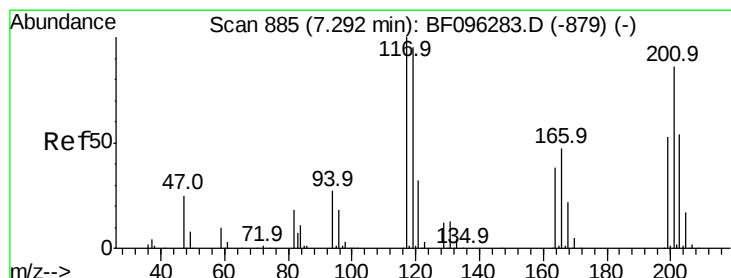
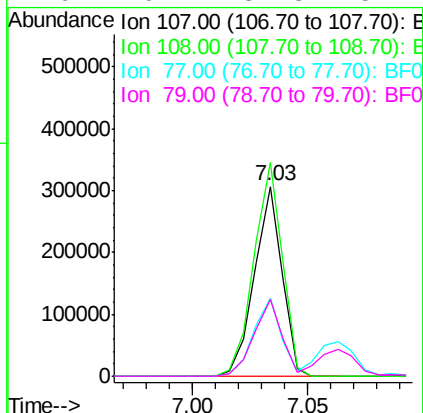
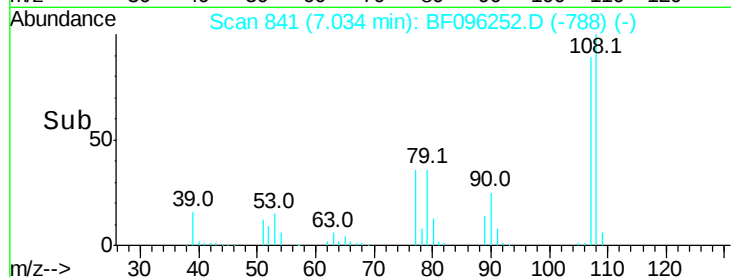
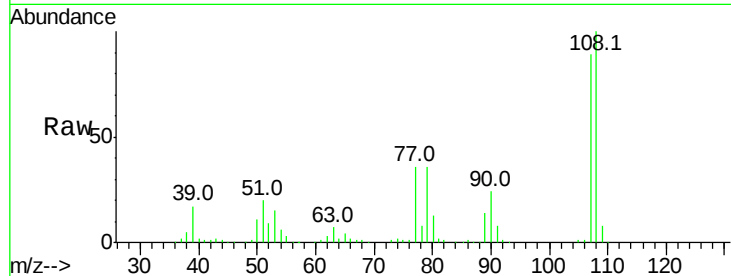
#17
2-Methylphenol
Concen: 25.44 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	93.4	140.0
77	41.1	35.8	53.6
79	40.4	34.8	52.2

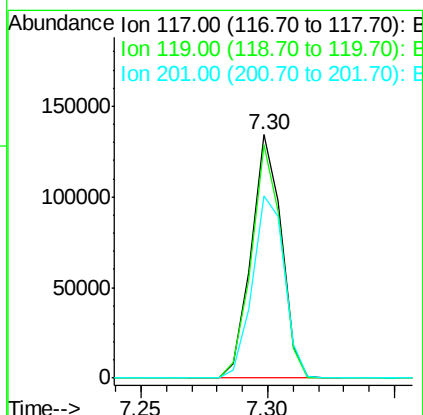
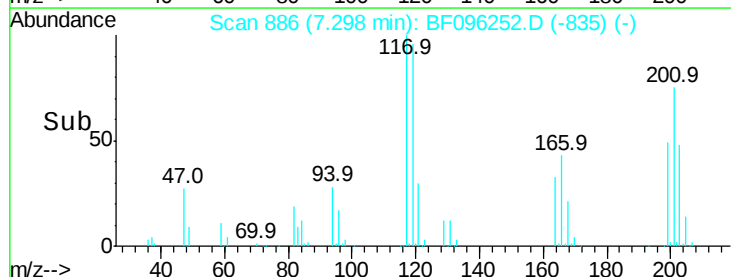
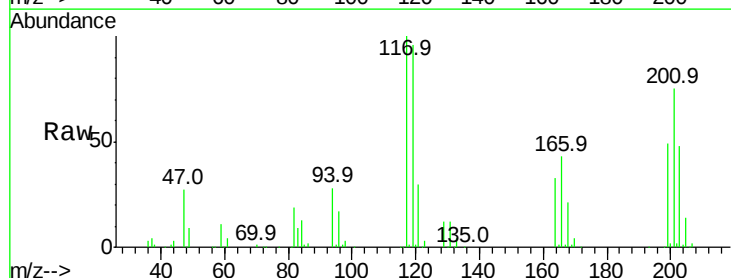
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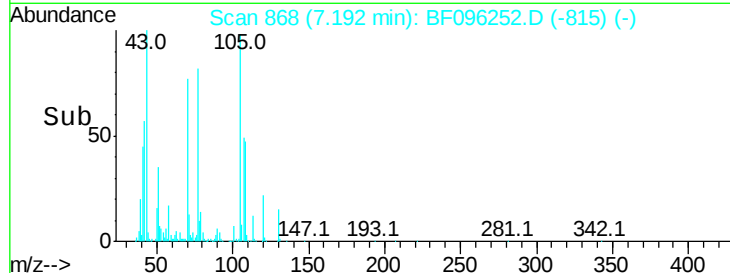
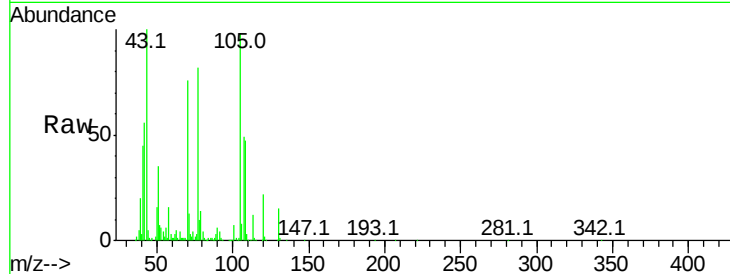
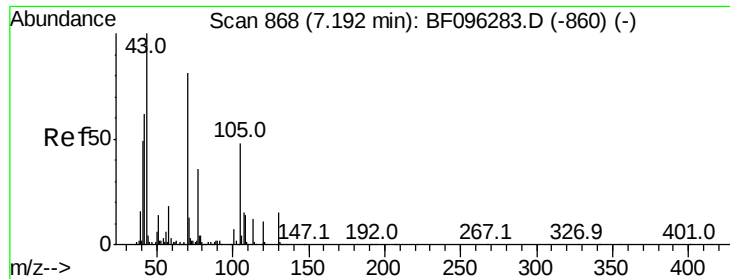
mohammad
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#18
Hexachloroethane
Concen: 23.97 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
201	75.0	94.6	141.8#





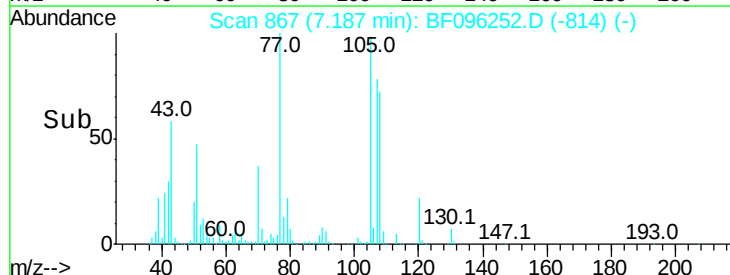
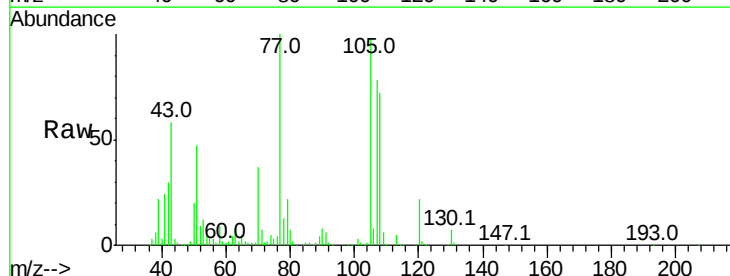
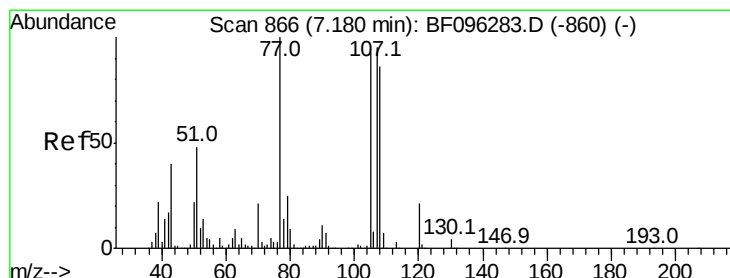
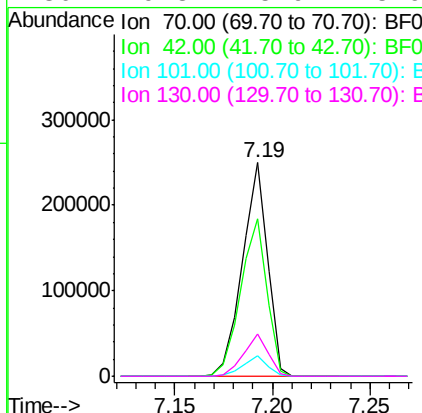
#19
n-Nitroso-di-n-propylamine
Concen: 25.89 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.8	47.2	70.8#
101	9.5	7.2	10.8
130	19.8	15.9	23.9

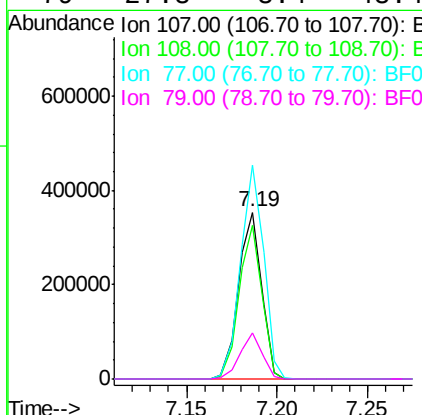
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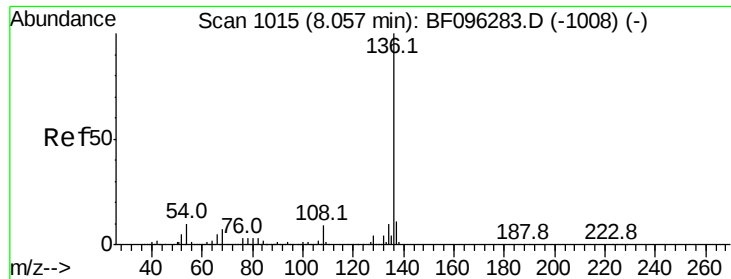
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#20
3+4-Methylphenols
Concen: 27.03 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.0	111.0
77	128.2	90.5	130.5
79	27.8	8.4	48.4





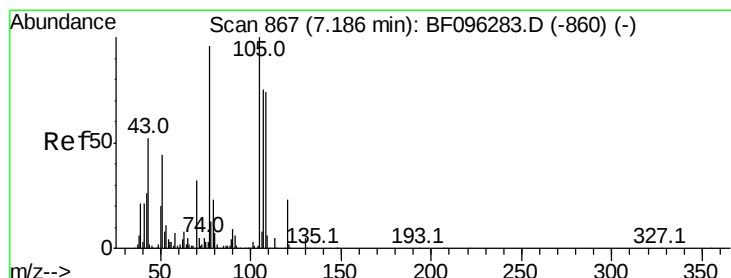
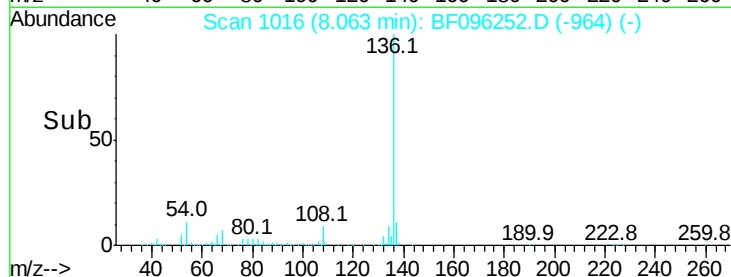
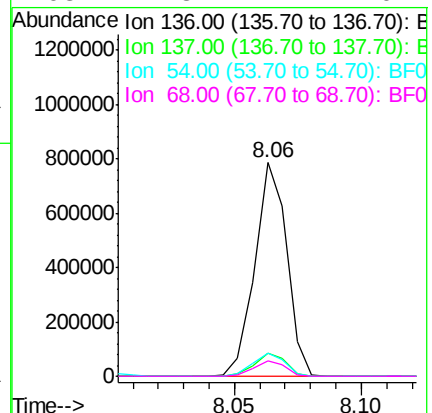
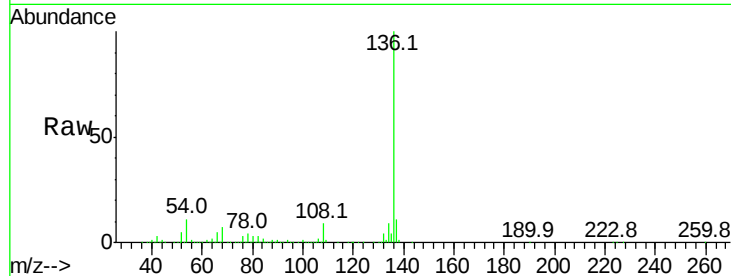
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	691997		
137	10.8		8.5	12.7
54	11.0		4.9	7.3#
68	7.3		4.1	6.1#

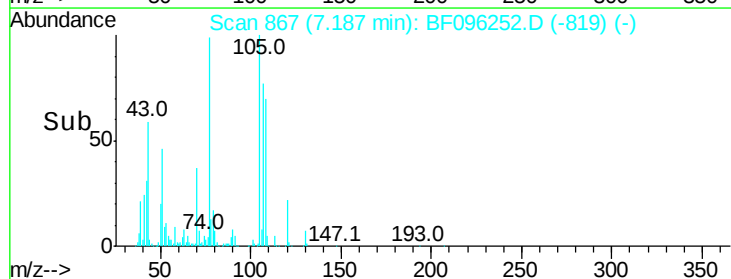
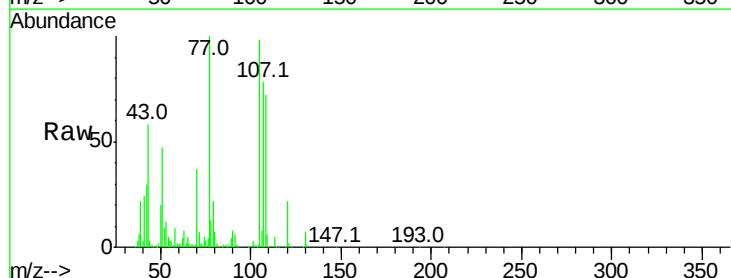
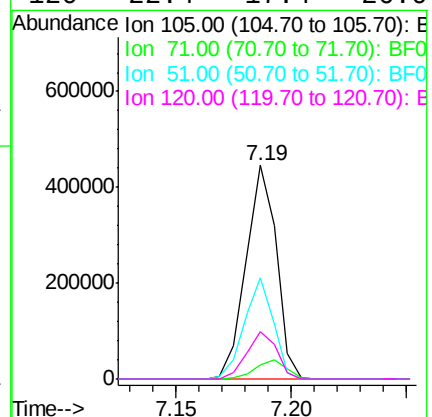
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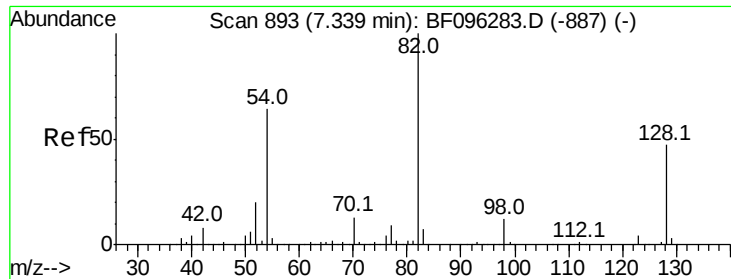
mohammad
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#22
Acetophenone
Concen: 28.59 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	411202		
71	6.8		2.8	4.2#
51	47.5		30.7	46.1#
120	22.4		17.4	26.0





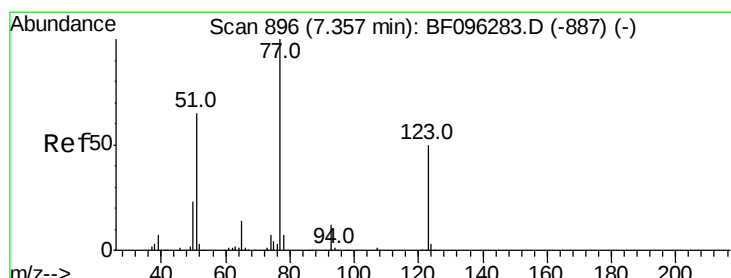
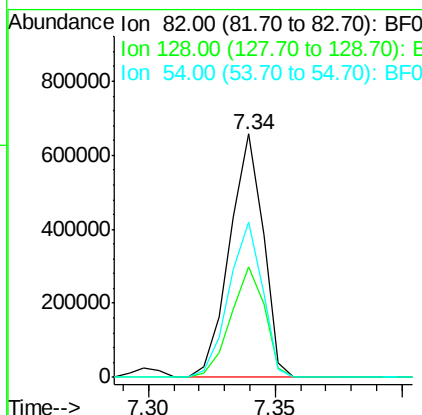
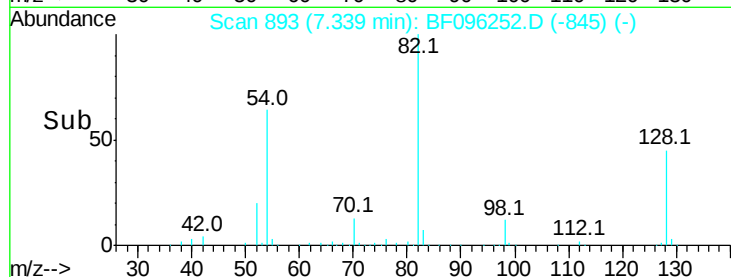
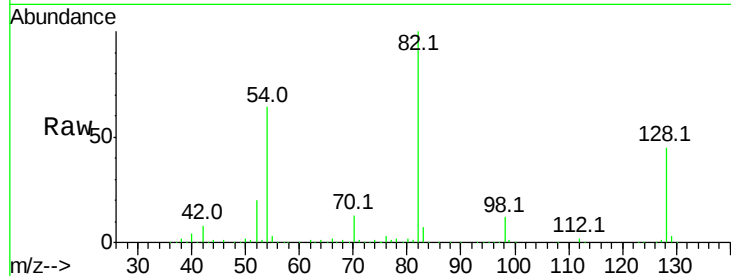
#23
Nitrobenzene-d5
Concen: 60.44 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	63.9	42.2	63.2

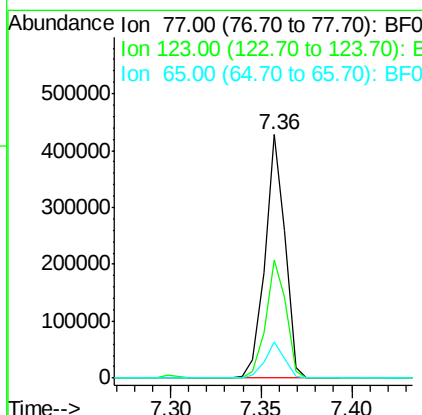
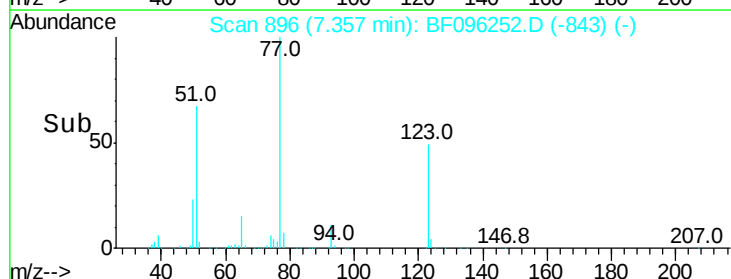
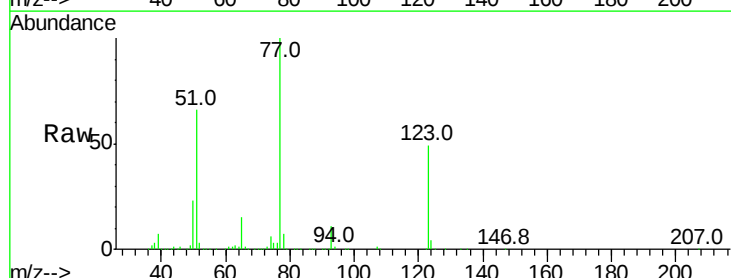
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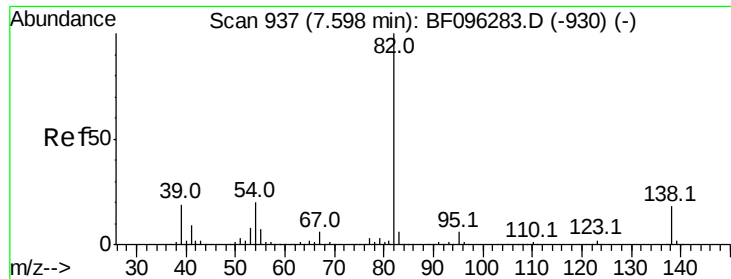
mohammad
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#24
Nitrobenzene
Concen: 29.75 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	35.8	53.8
65	14.6	10.6	15.8





#25

Isophorone

Concen: 27.10 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

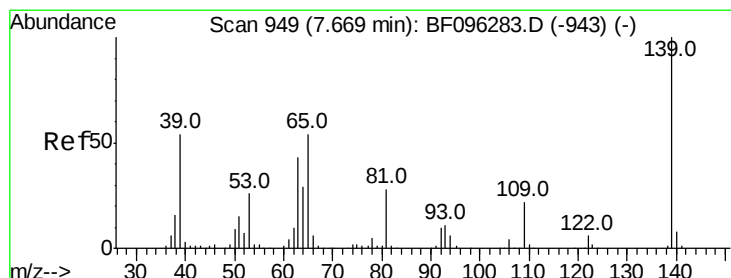
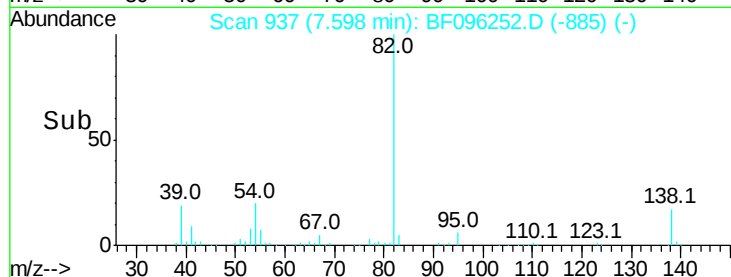
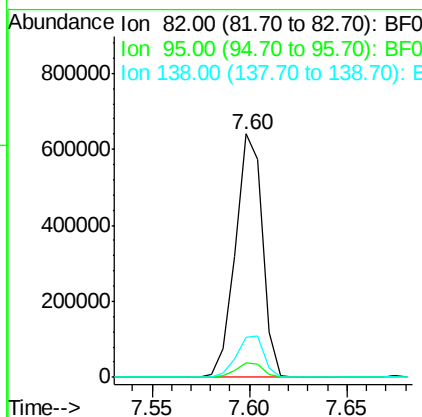
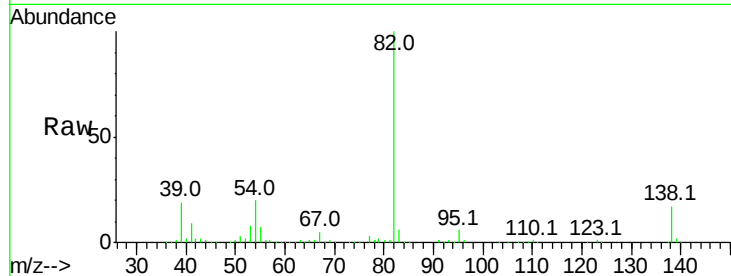
ClientSampleId :

TS-1MSD

Tot Ion:	82	Resp:	615197
Ion Ratio		Lower	Upper
82	100		
95	6.0	5.3	7.9
138	16.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.51 ng

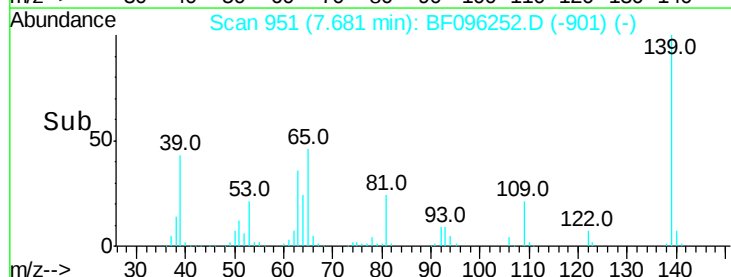
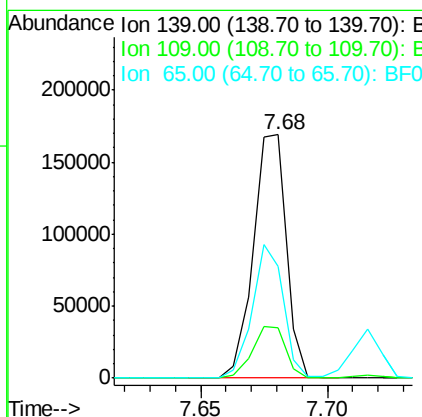
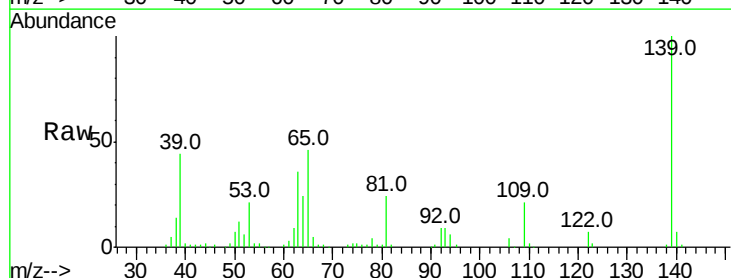
RT: 7.68 min Scan# 951

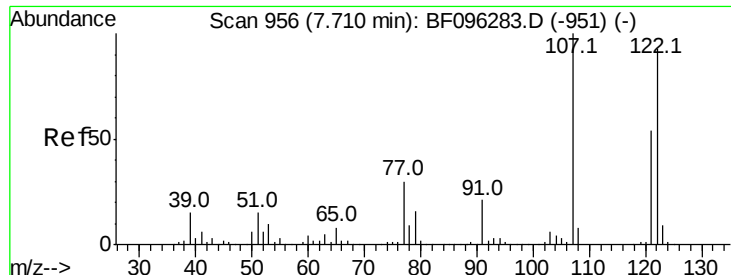
Delta R.T. -0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion:	139	Resp:	154171
Ion Ratio		Lower	Upper
139	100		
109	20.6	21.0	31.6#
65	45.7	33.0	49.6





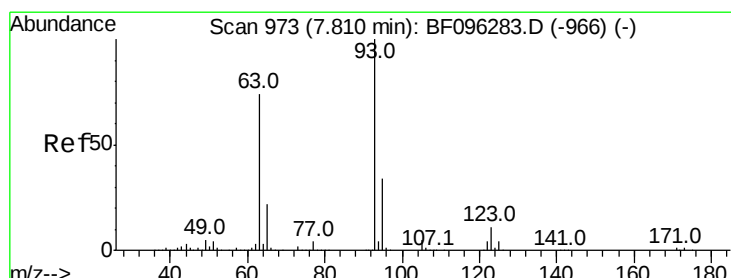
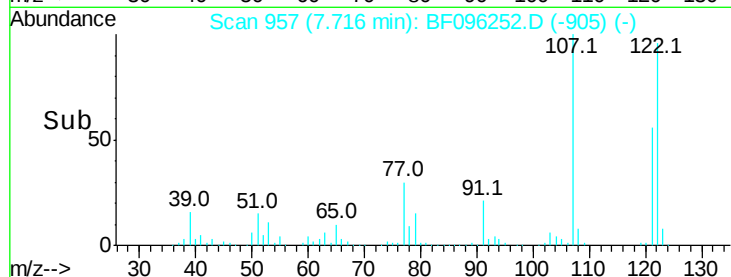
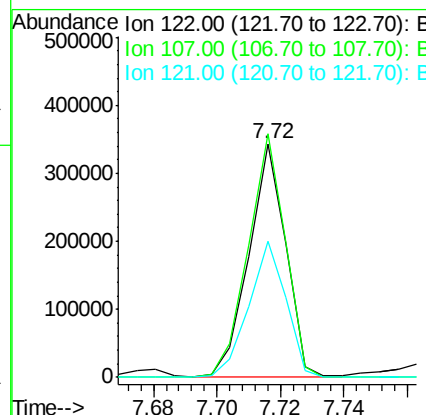
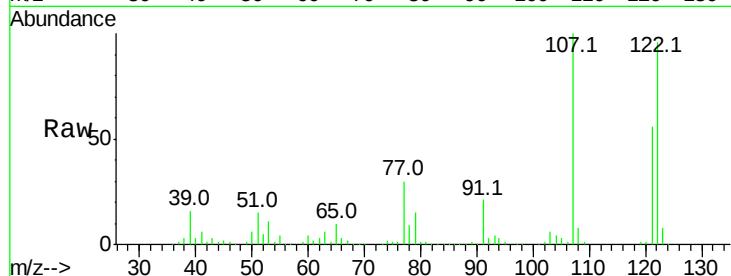
#27
 2,4-Dimethylphenol
 Concen: 27.12 ng
 RT: 7.72 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.2	89.2	133.8
121	58.0	45.2	67.8

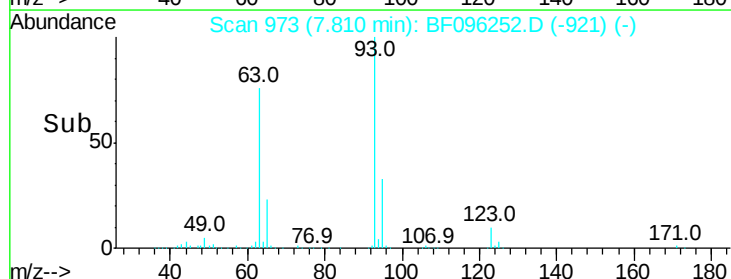
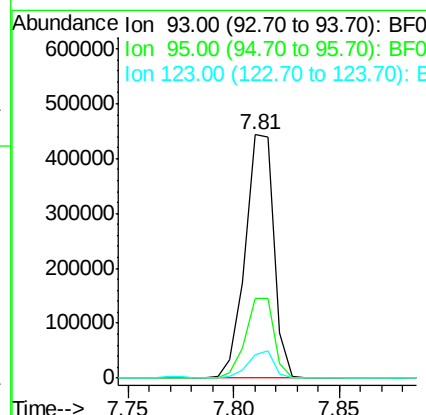
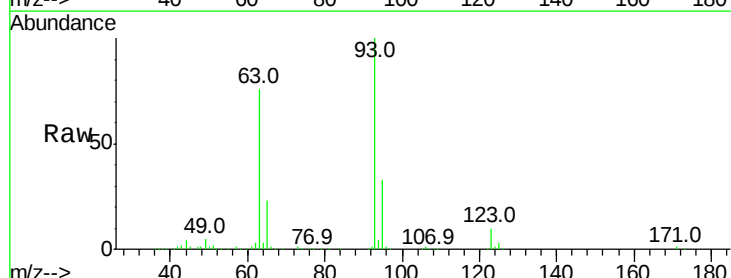
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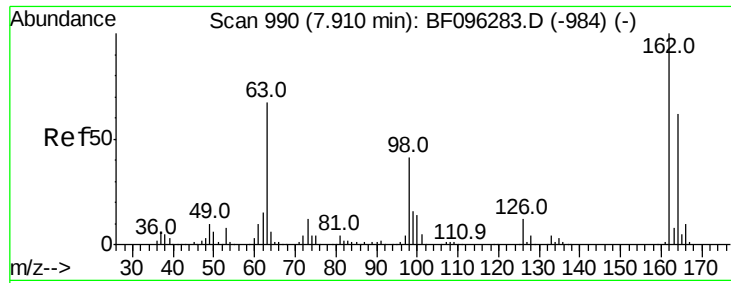
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#28
 bis(2-Chloroethoxy)methane
 Concen: 27.05 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	9.8	9.0	13.4





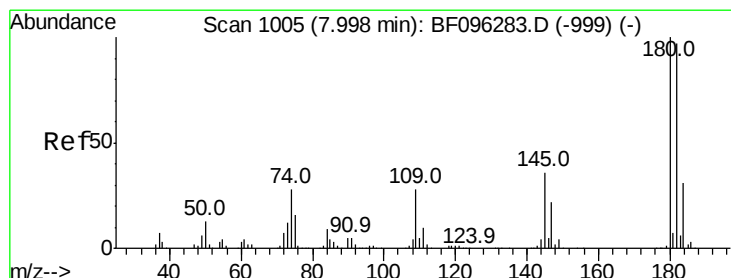
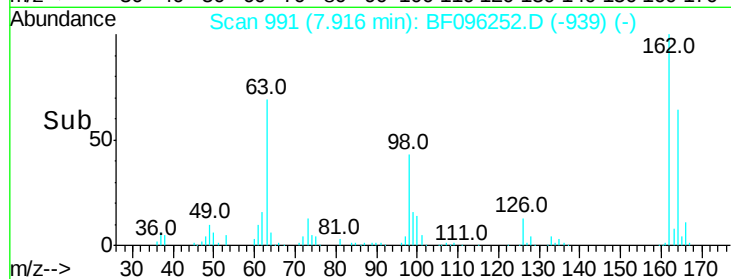
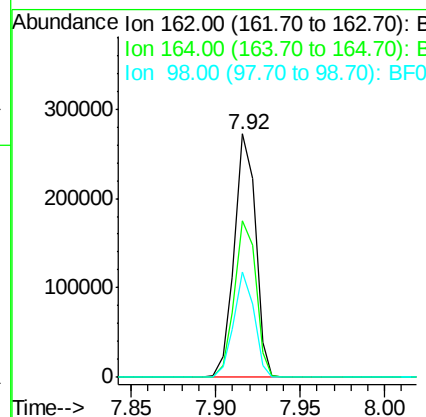
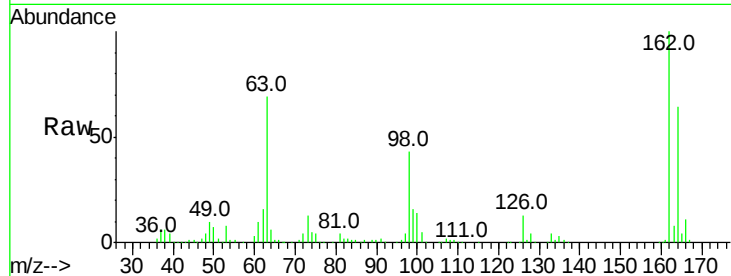
#29
 2,4-Dichlorophenol
 Concen: 27.23 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	44.6	84.6
98	43.2	14.8	54.8

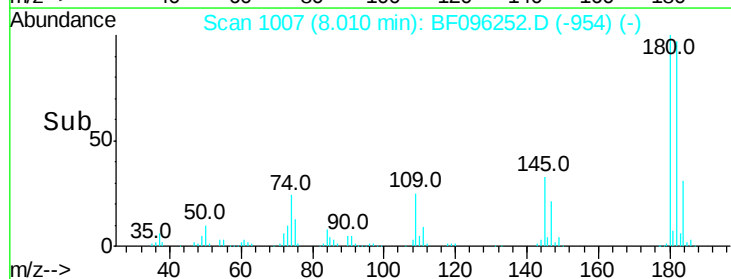
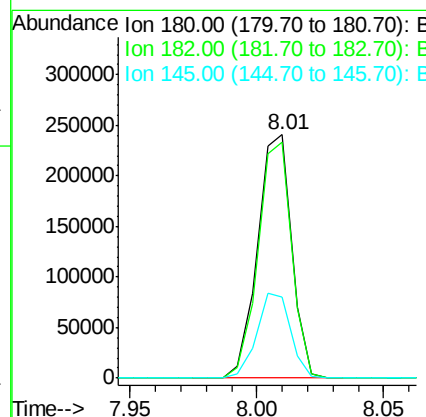
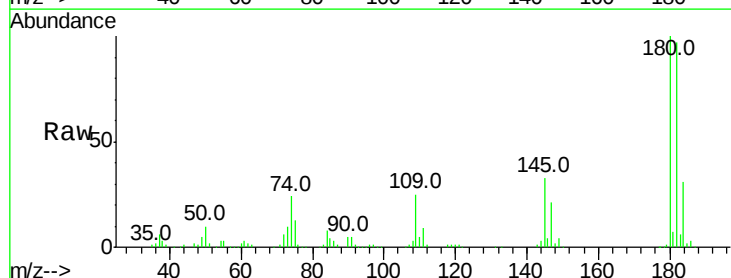
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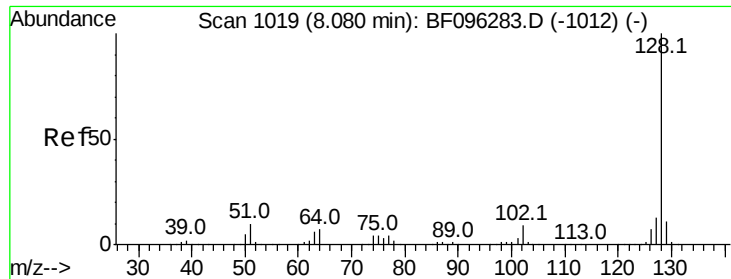
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#30
 1,2,4-Trichlorobenzene
 Concen: 26.05 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.2	75.8	113.6
145	33.2	25.3	37.9





#31

Naphthalene

Concen: 26.46 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

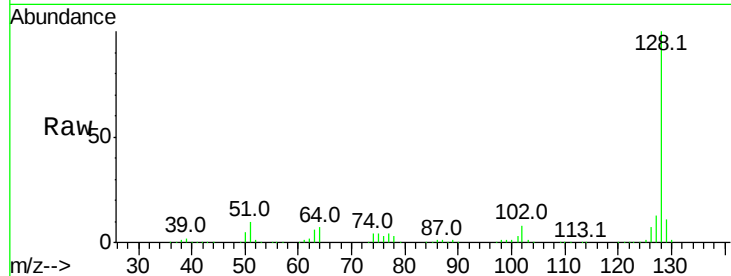
ClientSampled :

TS-1MSD

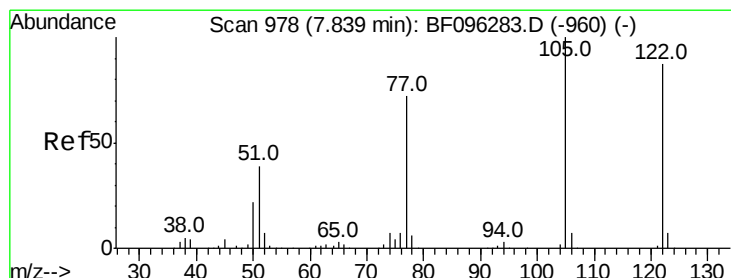
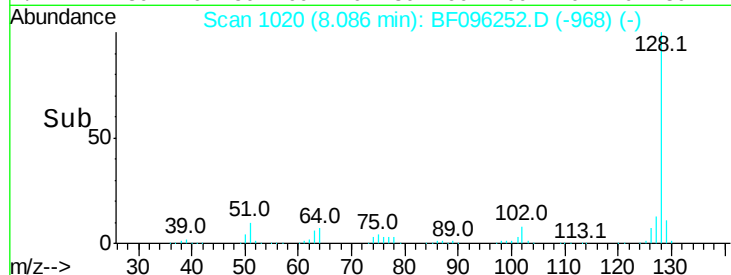
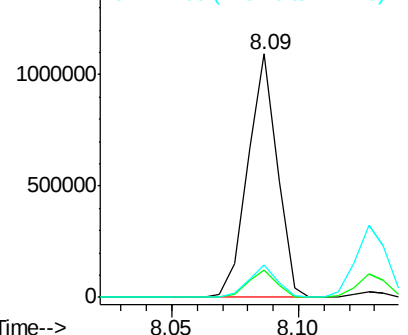
Tot Ion:	128	Resp:	882665
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.1	10.8	16.2

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



#32

Benzoic acid

Concen: 13.34 ng

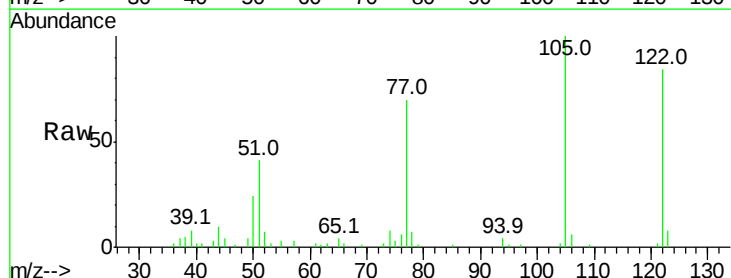
RT: 7.77 min Scan# 967

Delta R.T. -0.11 min

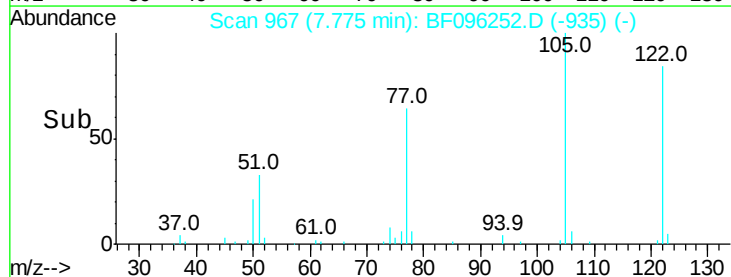
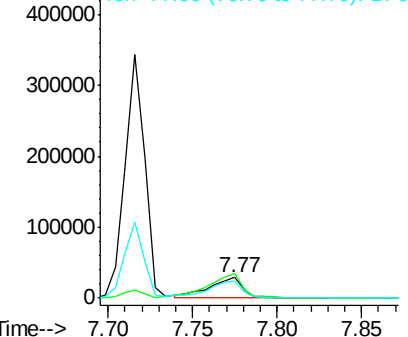
Lab File: BF096252.D

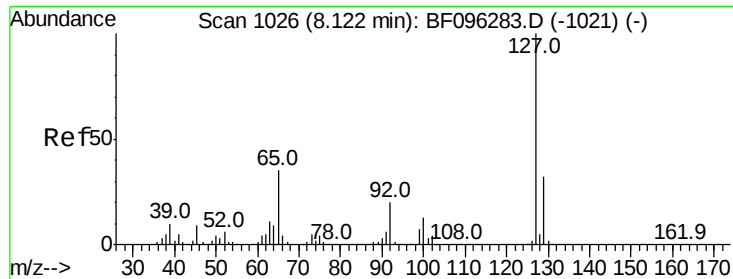
Acq: 28 Jun 2017 16:28

Tgt Ion:	122	Resp:	40424
Ion Ratio	Lower	Upper	
122	100		
105	119.7	103.3	143.3
77	83.5	73.7	113.7



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





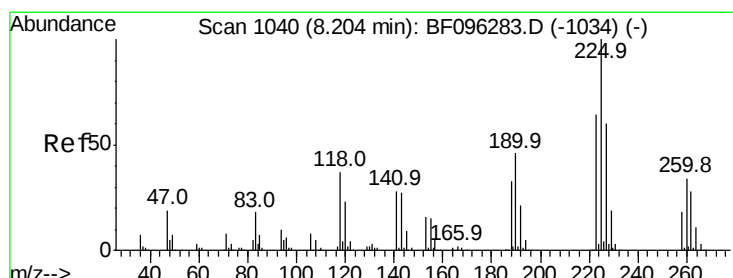
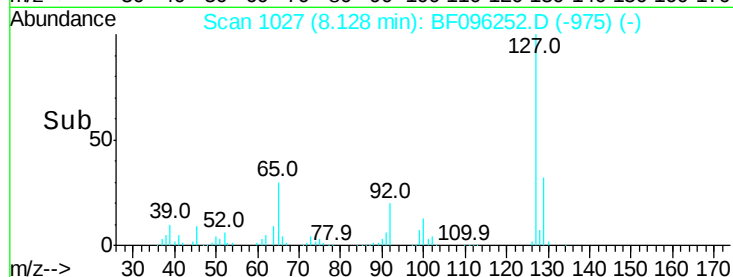
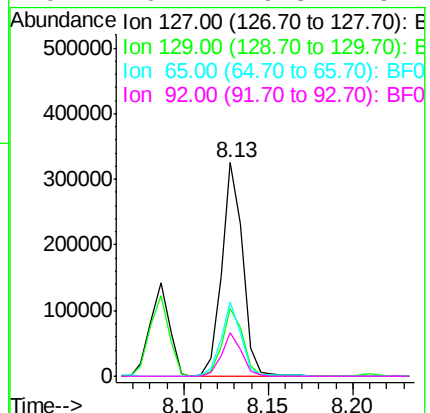
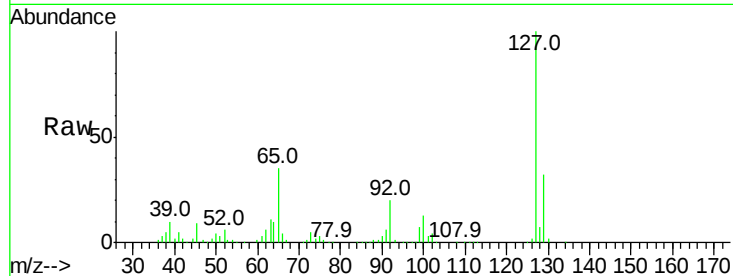
#33
4-Chloroaniline
Concen: 20.28 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.9	26.2	39.2
65	34.9	27.8	41.8
92	20.2	16.8	25.2

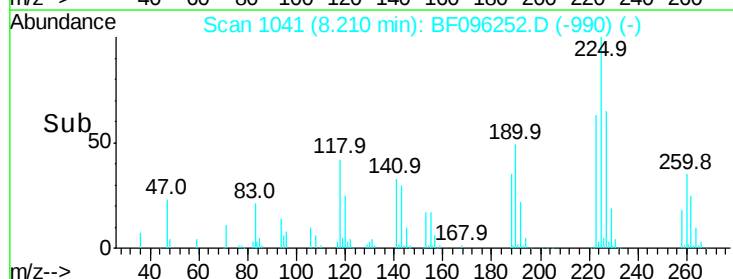
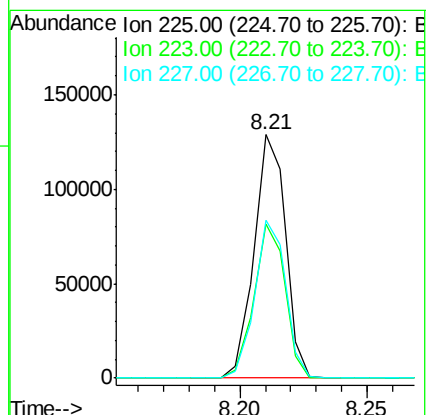
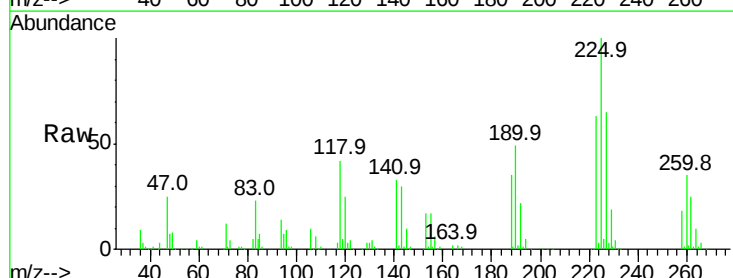
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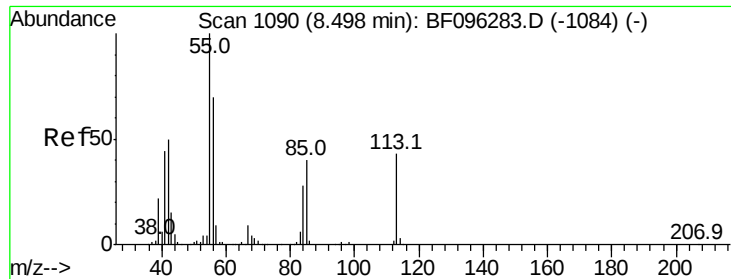
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#34
Hexachlorobutadiene
Concen: 25.91 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.4	48.8	73.2
227	65.0	51.1	76.7





#35

Caprolactam

Concen: 20.39 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.04 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

ClientSampleId :

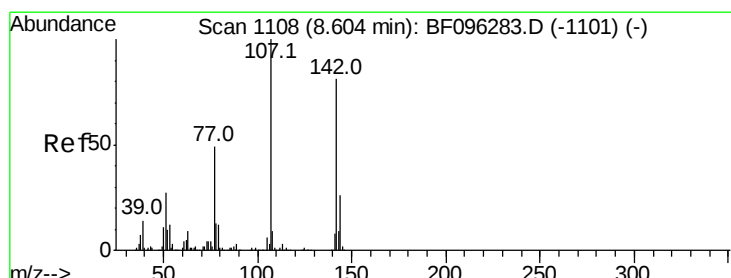
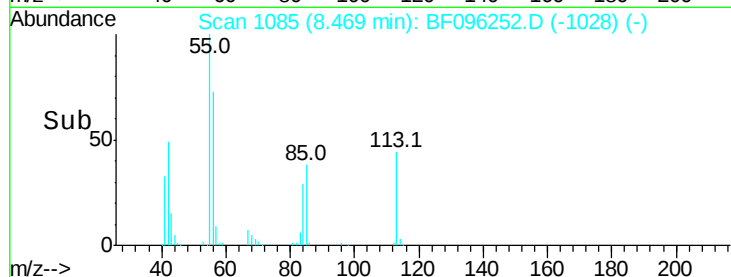
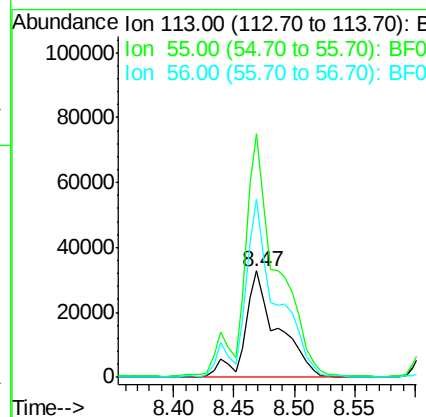
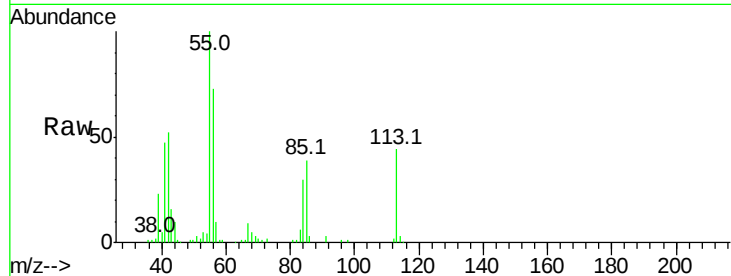
TS-1MSD

Tot Ion:113 Resp: 61649

Ion	Ratio	Lower	Upper
113	100		
55	229.5	150.2	190.2#
56	168.0	107.8	147.8#

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#36

4-Chloro-3-methylphenol

Concen: 26.77 ng

RT: 8.61 min Scan# 1109

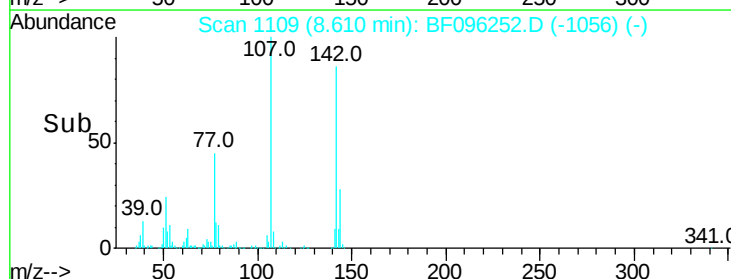
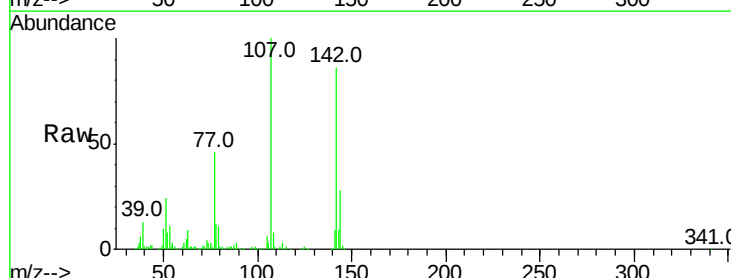
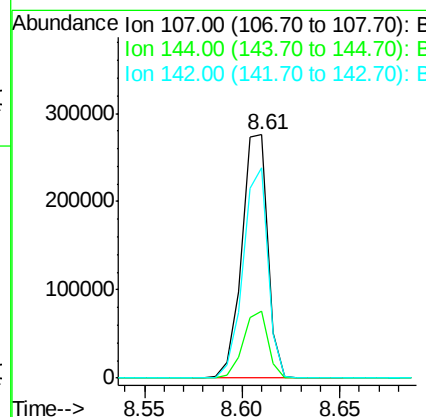
Delta R.T. 0.01 min

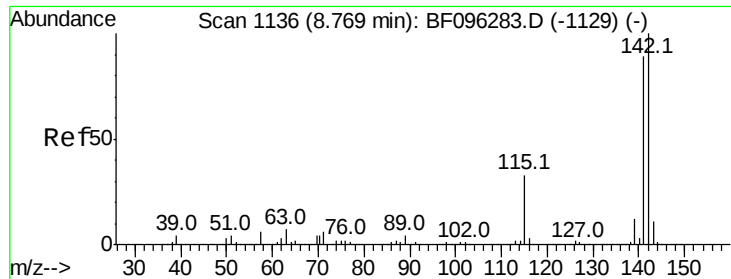
Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion:107 Resp: 254794

Ion	Ratio	Lower	Upper
107	100		
144	27.5	24.2	36.4
142	86.4	73.4	110.0





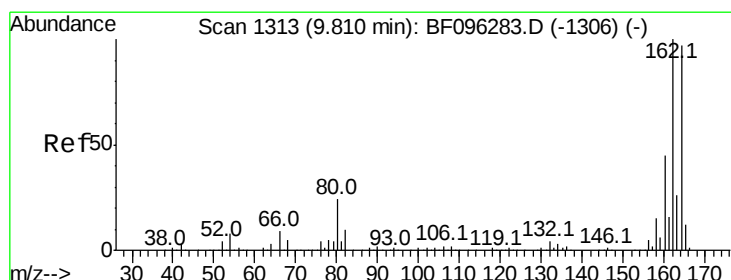
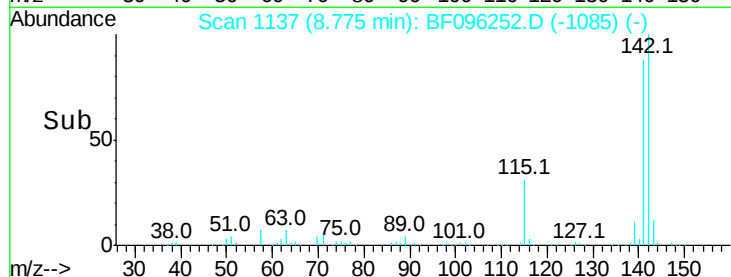
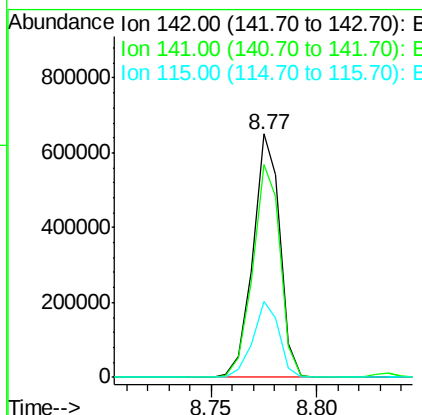
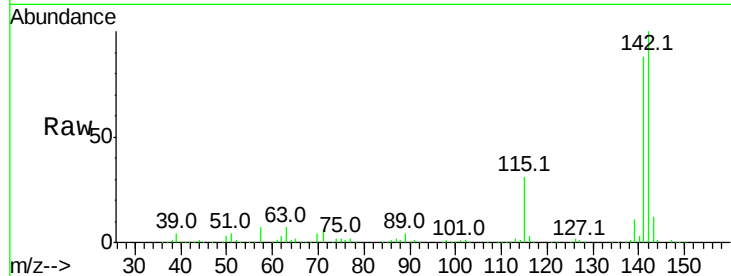
#37
2-Methylnaphthalene
Concen: 26.57 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.3	106.9
115	31.3	27.1	40.7

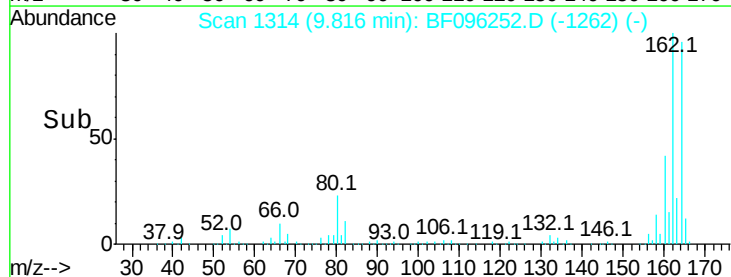
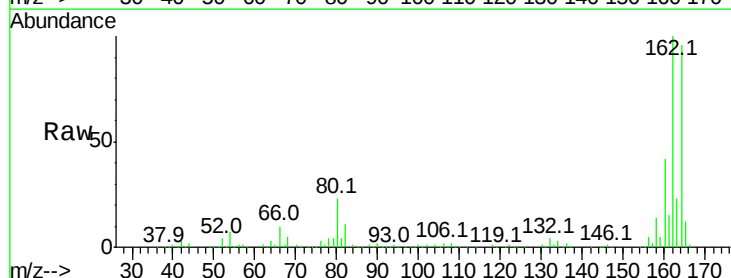
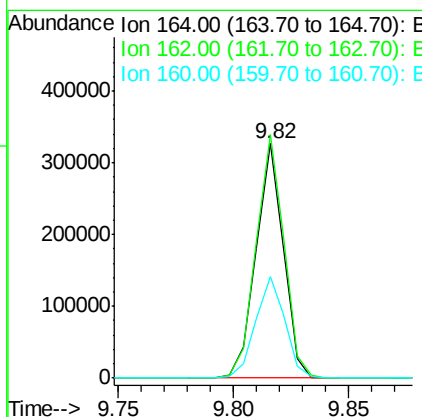
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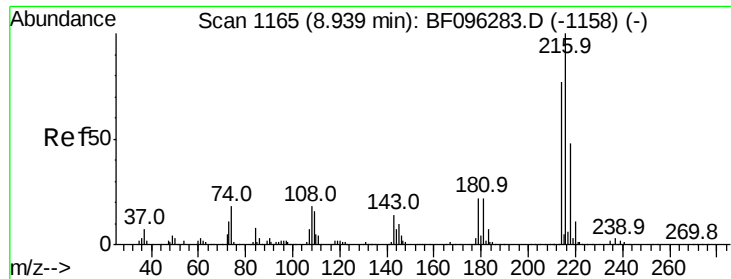
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	43.6	36.2	54.2





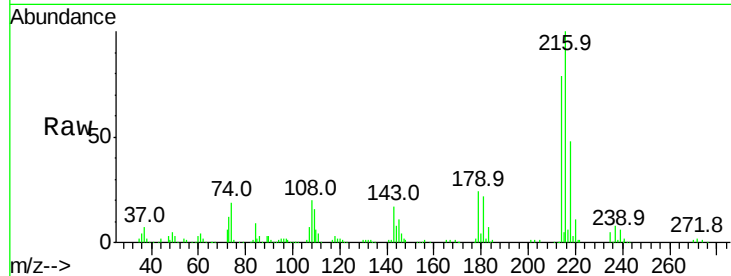
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.65 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MSD

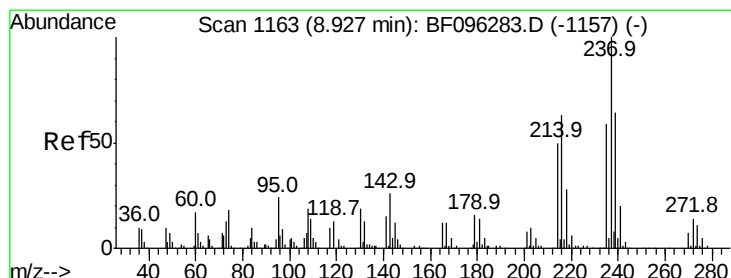
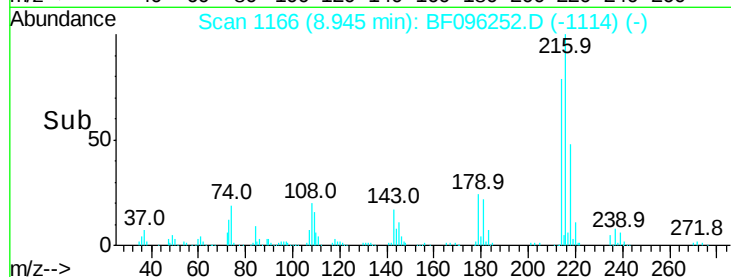
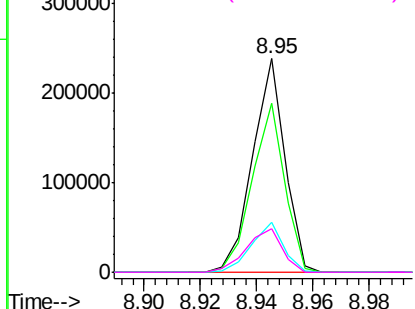
Tot Ion	Ratio	Resp	Lower	Upper
216	100	188143		
214	79.9	63.4	95.2	
179	23.3	17.9	26.9	
108	22.9	16.5	24.7	

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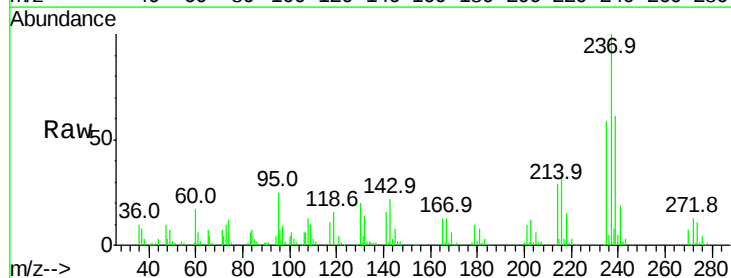


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

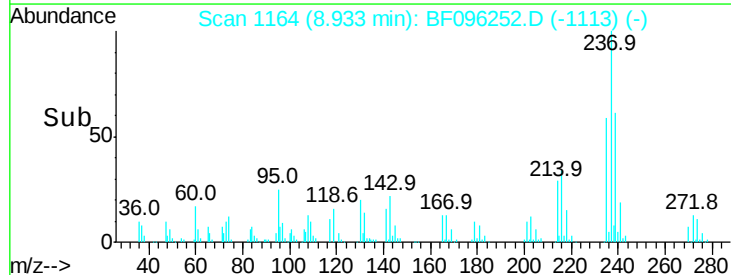
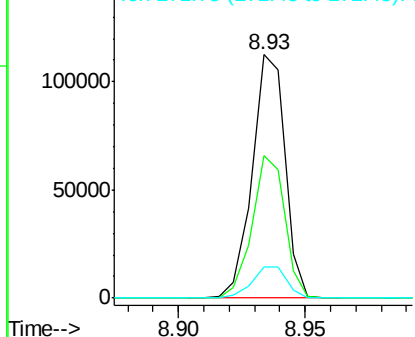


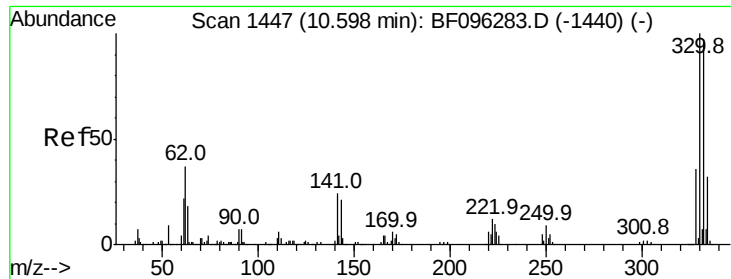
#40
 Hexachlorocyclopentadiene
 Concen: 34.69 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	102136		
235	58.5	42.6	82.6	
272	12.8	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





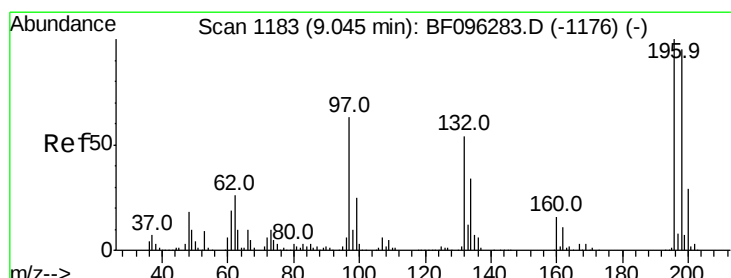
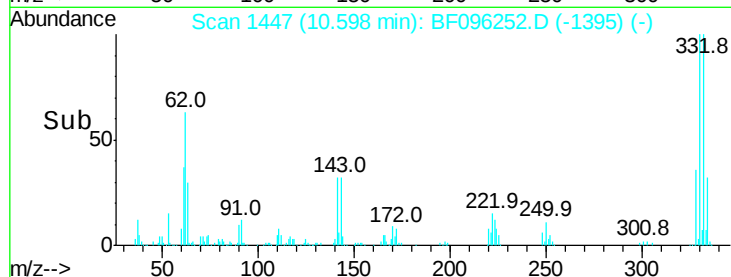
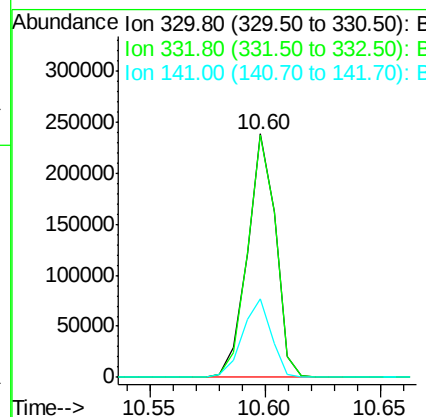
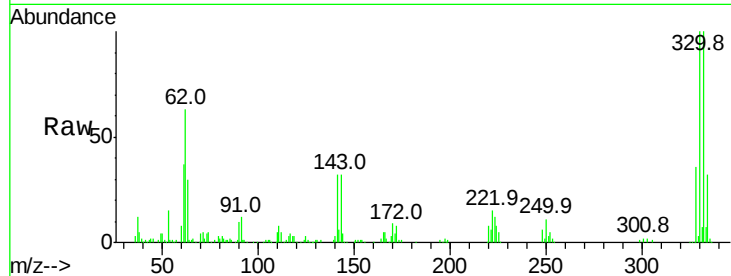
#41
 2,4,6-Tribromophenol
 Concen: 95.40 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	203714		
332	99.3	76.6	115.0	
141	32.9	31.4	47.2	

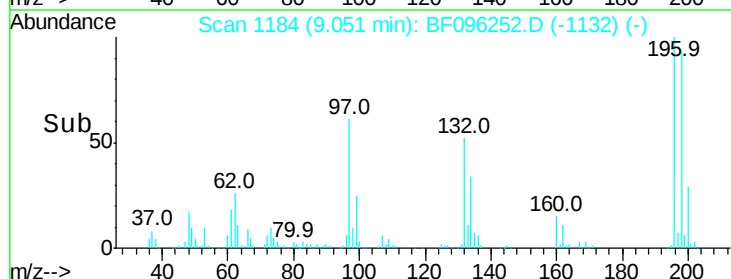
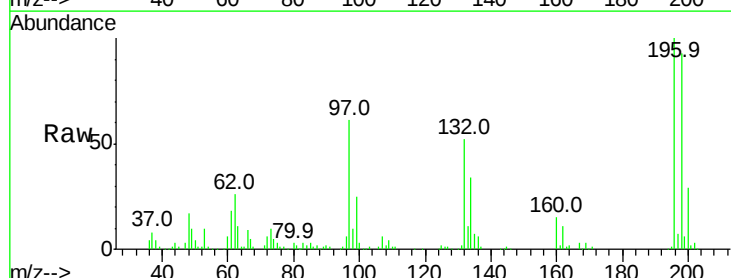
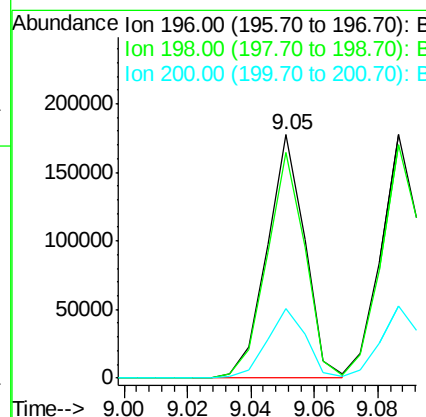
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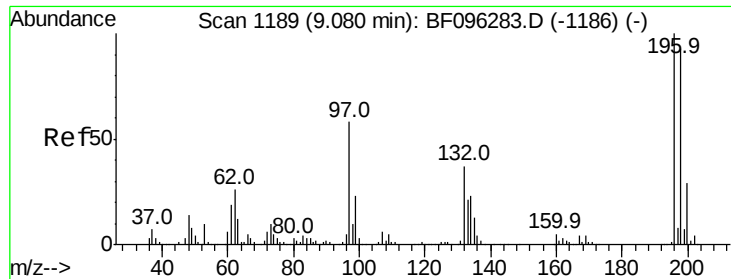
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#42
 2,4,6-Trichlorophenol
 Concen: 29.65 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	146813		
198	92.8	74.2	111.4	
200	28.8	24.0	36.0	





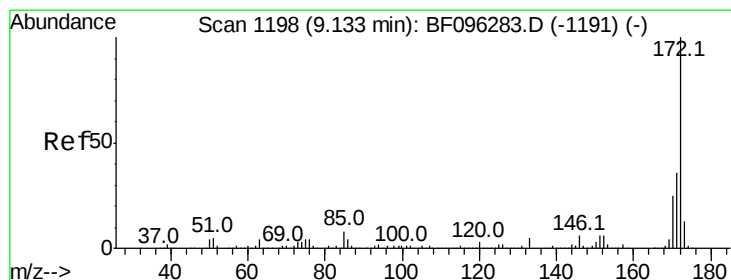
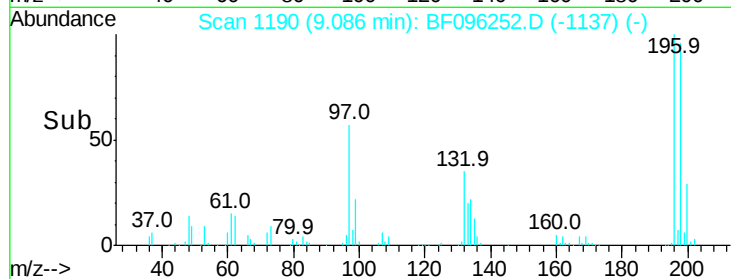
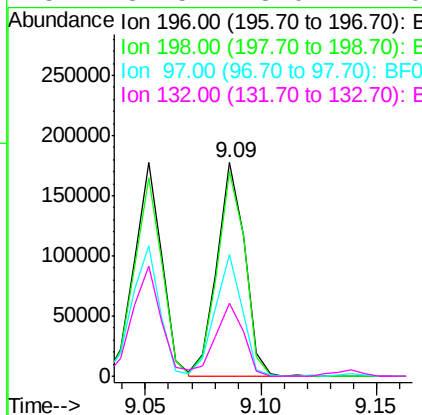
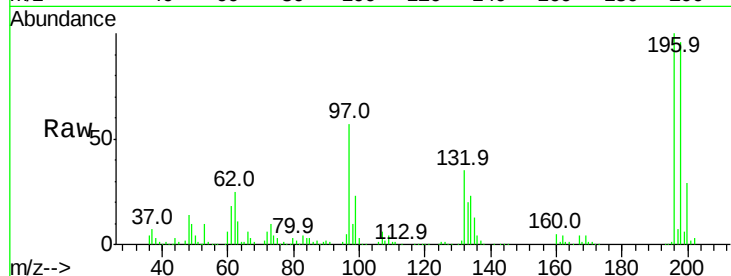
#43
 2,4,5-Trichlorophenol
 Concen: 28.20 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MSD

Tot Ion	196	Resp	147178
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.7	113.5
97	57.0	47.7	71.5
132	34.5	28.0	42.0

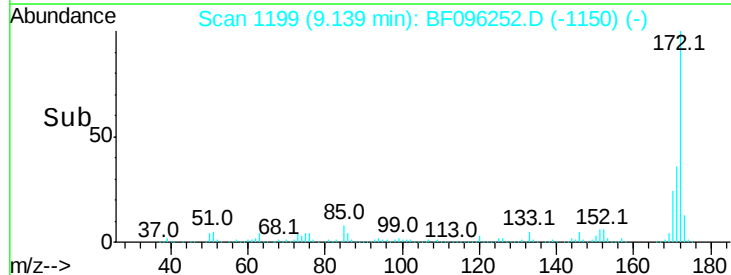
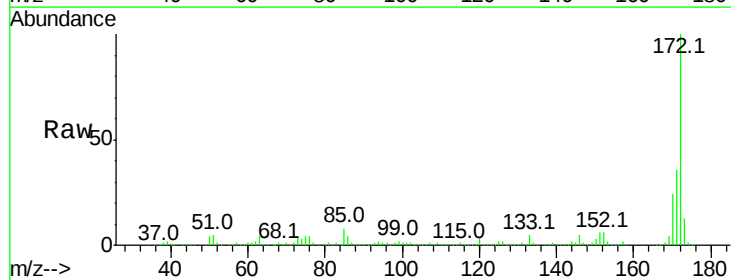
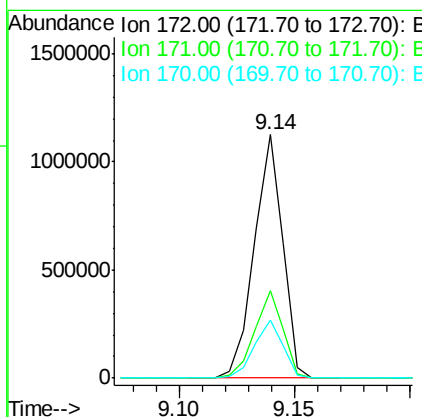
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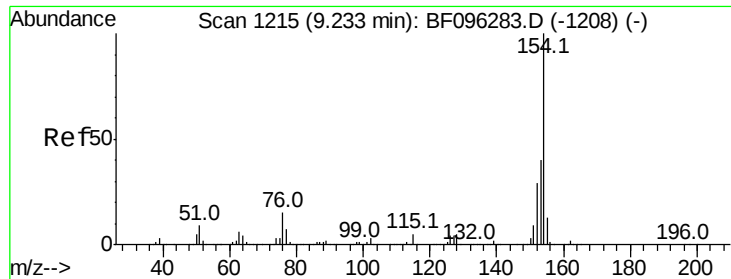
mohammad
 6/29/2017 5:59:17 PM



#44
 2-Fluorobiphenyl
 Concen: 65.53 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Tgt Ion	172	Resp	970901
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.6	44.4
170	24.0	19.8	29.8





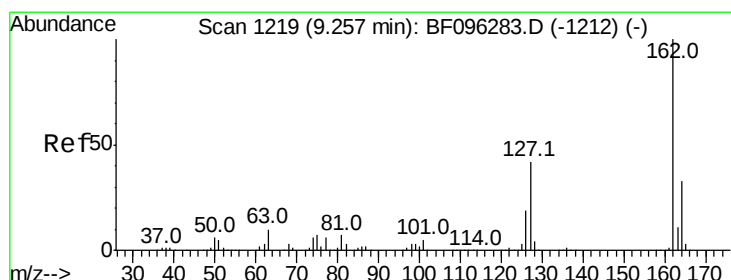
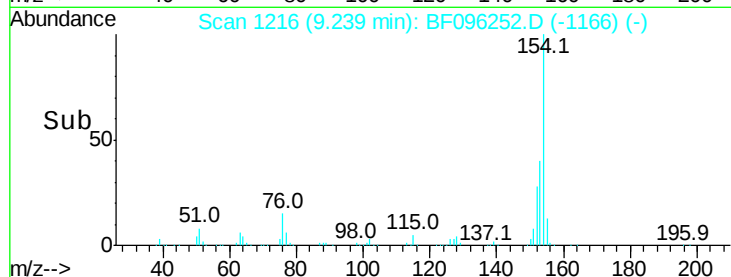
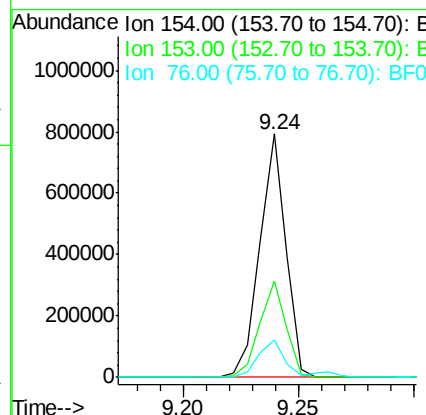
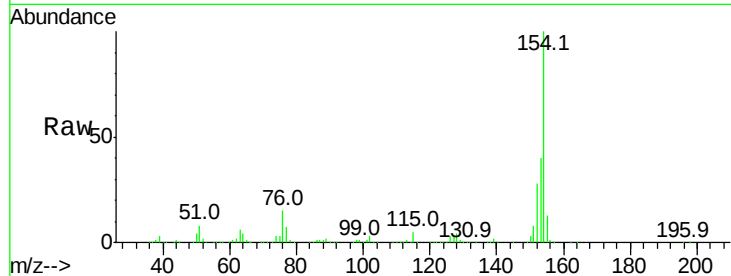
#45
1,1'-Biphenyl
Concen: 30.14 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampled :
TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.8	21.2	61.2	
76	15.3	0.0	29.9	

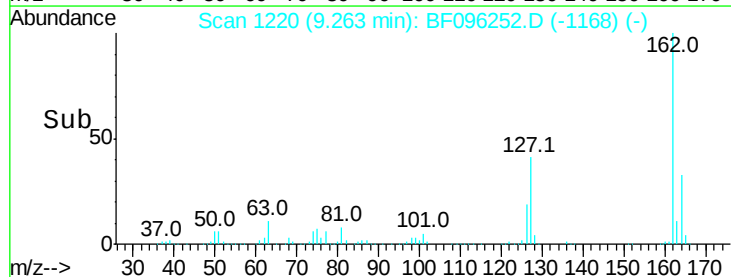
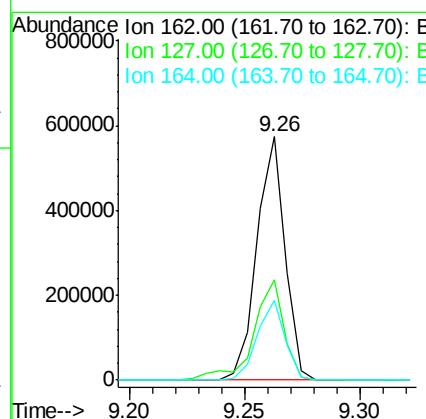
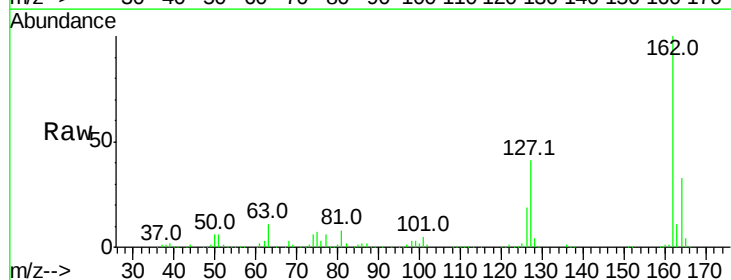
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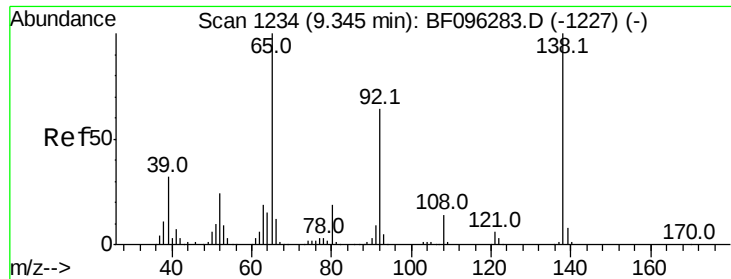
mohammad
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#46
2-Chloronaphthalene
Concen: 28.18 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.0	28.3	42.5	
164	33.0	27.0	40.4	





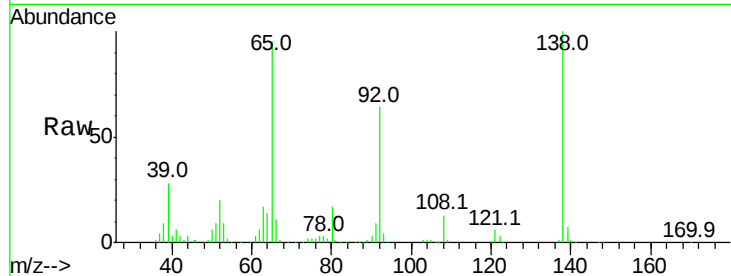
#47
2-Nitroaniline
Concen: 33.08 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.9	80.9
138	105.0	78.8	118.2

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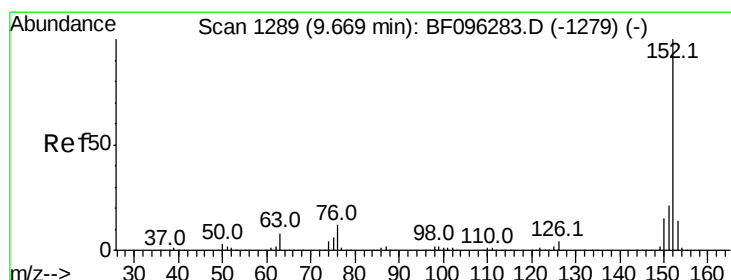
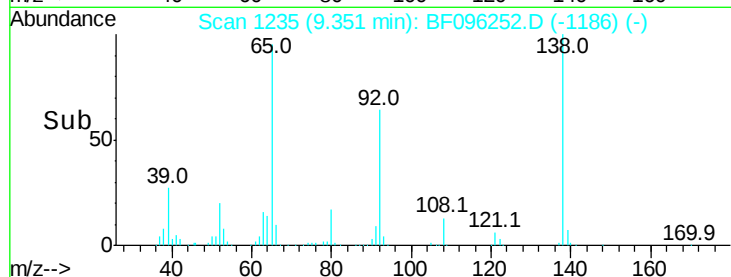
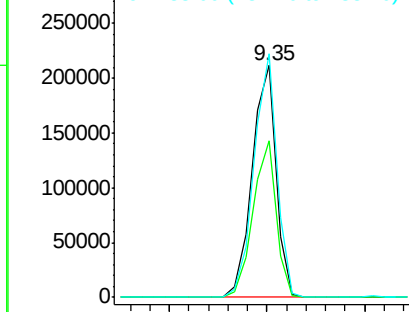


Abundance

Ion 65.00 (64.70 to 65.70): BF0

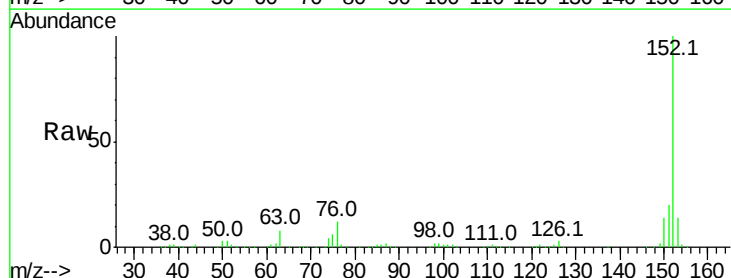
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48
Acenaphthylene
Concen: 26.32 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.8	10.8	16.2

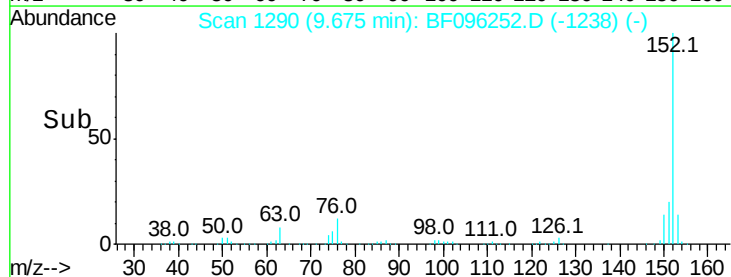
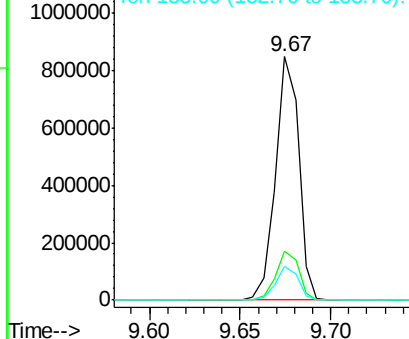


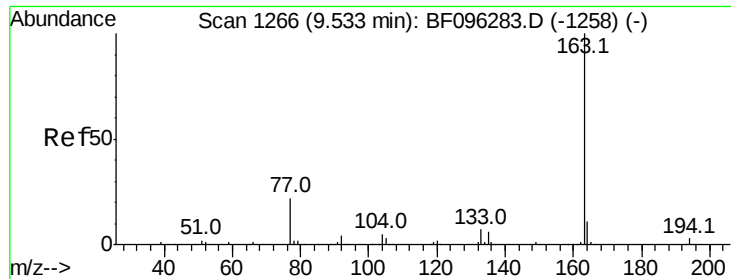
Abundance

Ion 152.00 (151.70 to 152.70): BF0

Ion 151.00 (150.70 to 151.70): BF0

Ion 153.00 (152.70 to 153.70): BF0





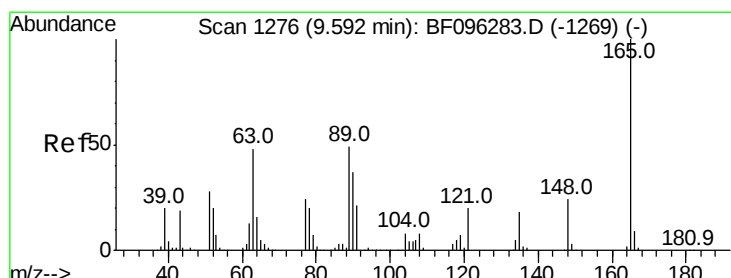
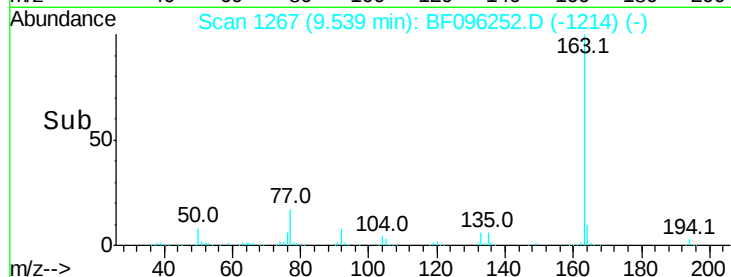
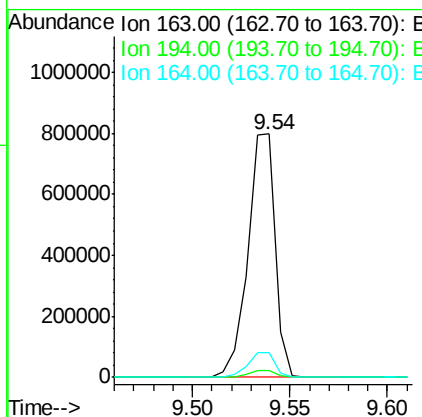
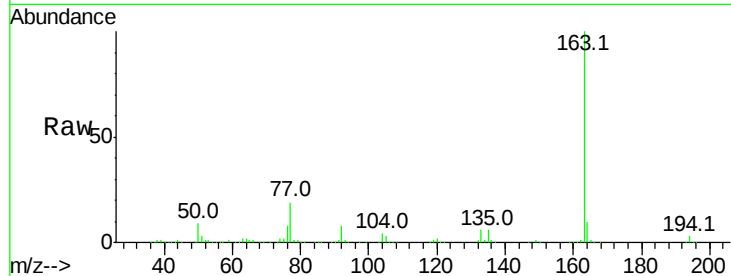
#49
Dimethylphthalate
Concen: 39.82 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	773176		
194	3.0		2.6	4.0
164	10.0		8.4	12.6

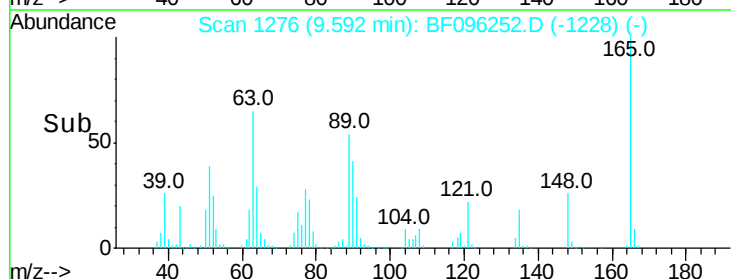
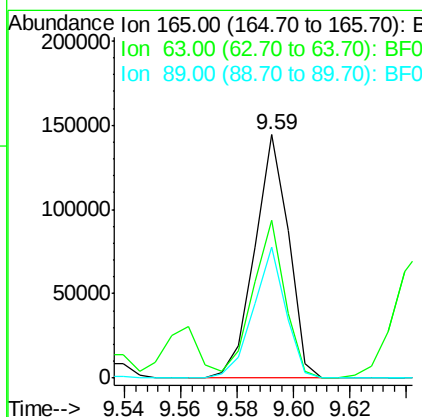
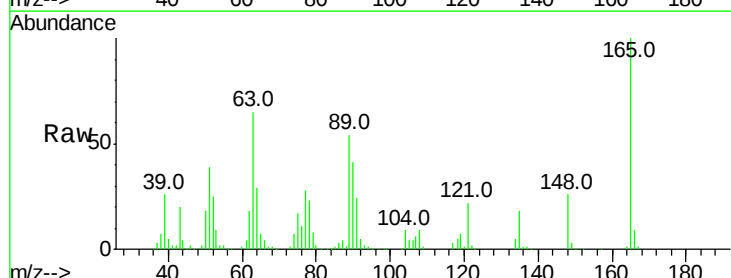
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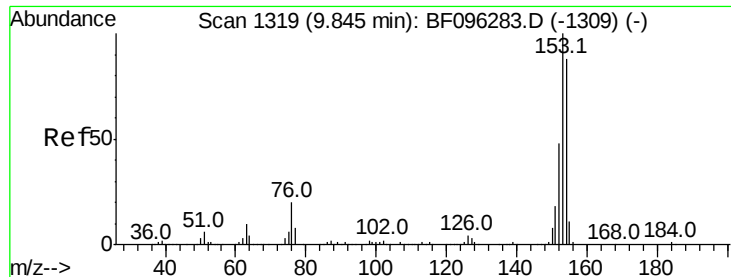
mohammad
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#50
2,6-Dinitrotoluene
Concen: 29.82 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	120445		
63	65.1		34.3	51.5#
89	54.0		37.1	55.7





#51

Acenaphthene

Concen: 26.41 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

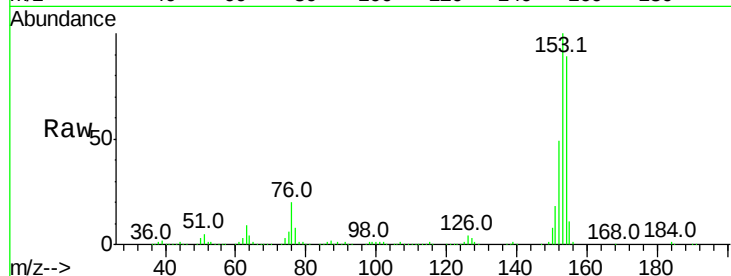
ClientSampleId :

TS-1MSD

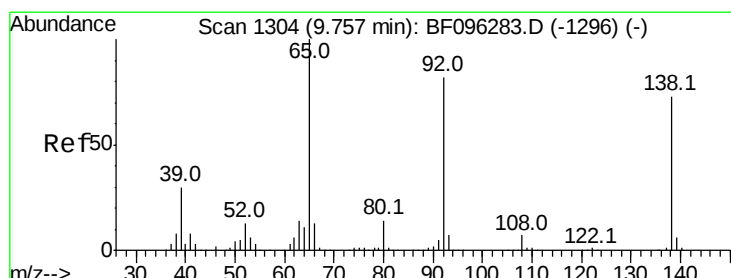
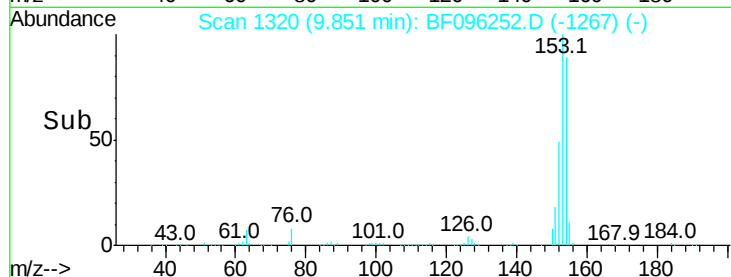
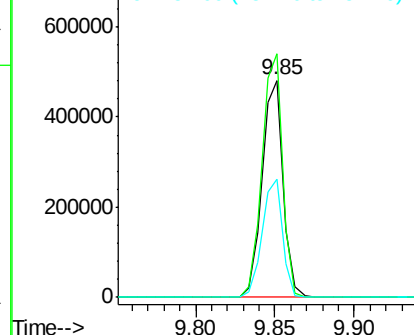
Tot Ion:	154	Resp:	445330
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.5	135.7
152	54.5	43.6	65.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.69 ng

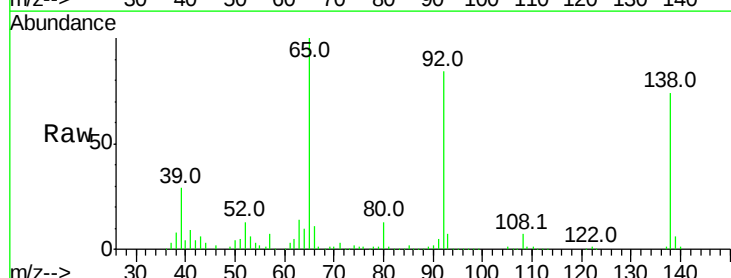
RT: 9.76 min Scan# 1304

Delta R.T. -0.02 min

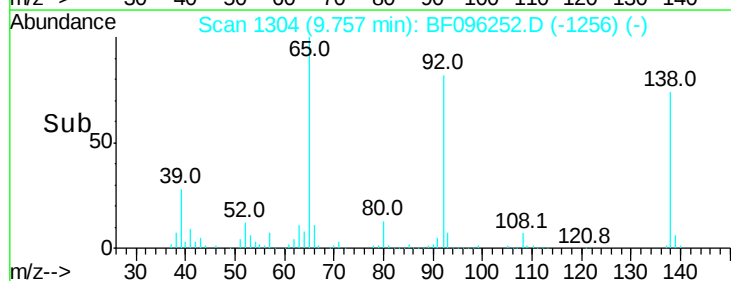
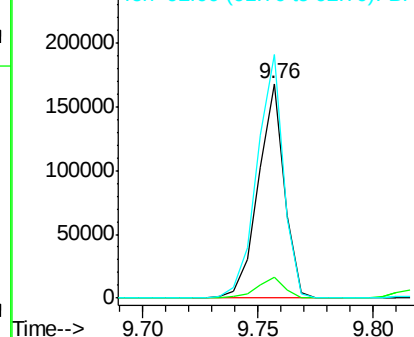
Lab File: BF096252.D

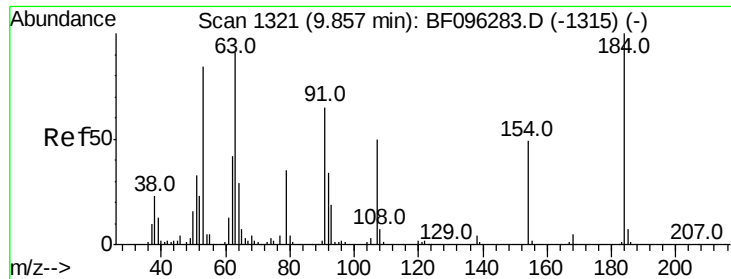
Acq: 28 Jun 2017 16:28

Tgt Ion:	138	Resp:	132912
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.1	13.7
92	113.6	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





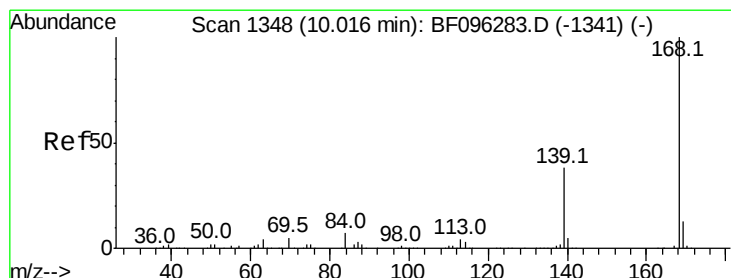
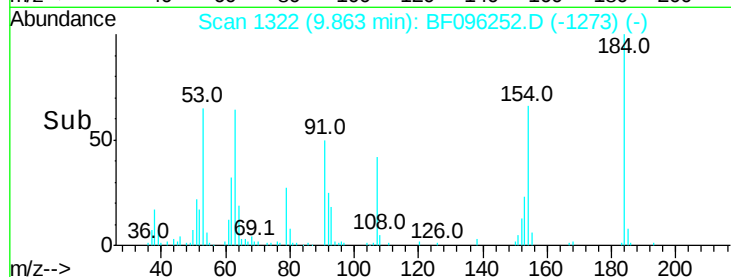
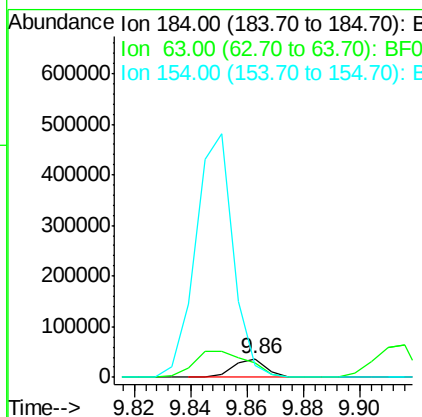
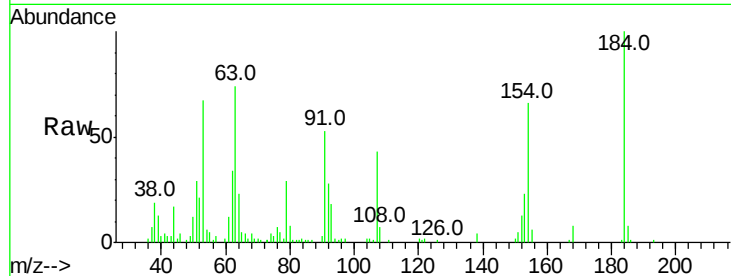
#53
2,4-Dinitrophenol
Concen: 27.34 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.1	62.7	94.1
154	66.3	81.1	121.7

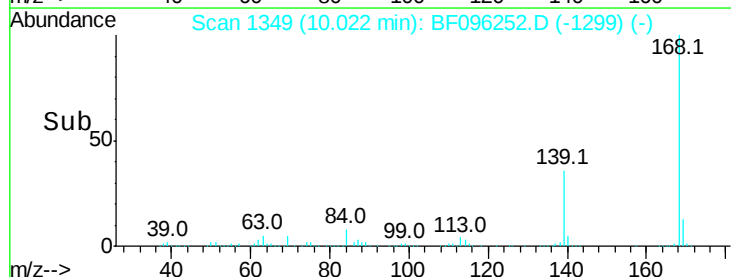
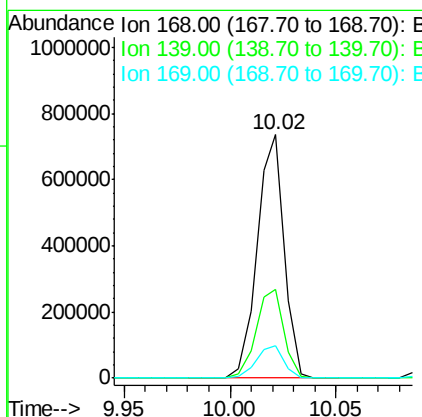
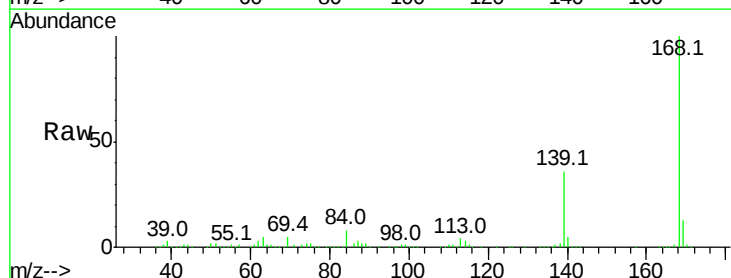
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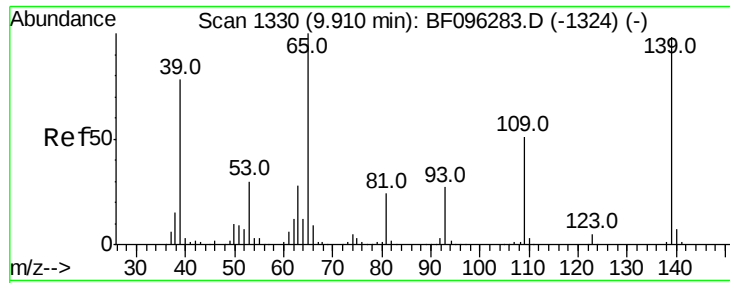
mohammad
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#54
Dibenzofuran
Concen: 29.55 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.6	45.8
169	13.4	10.8	16.2





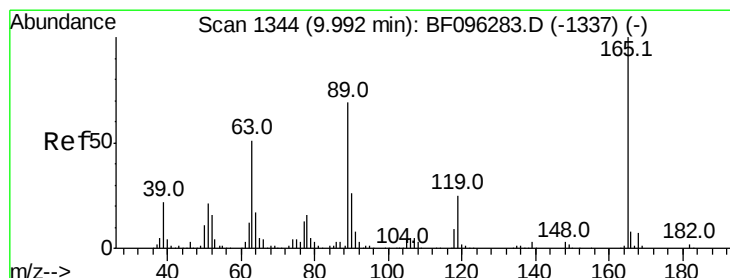
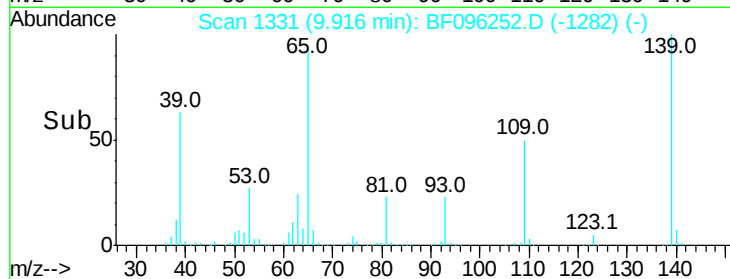
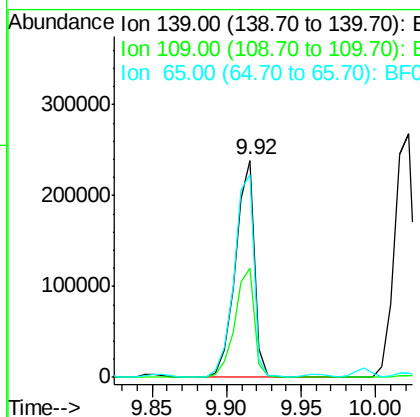
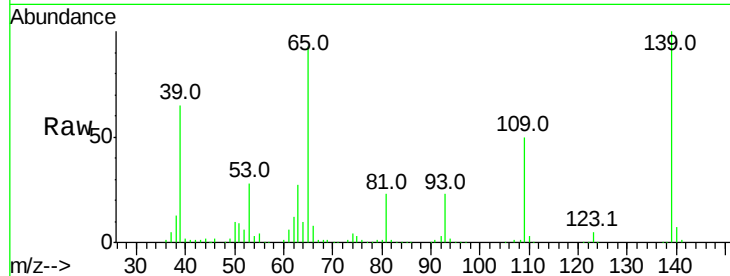
#55
4-Nitrophenol
Concen: 51.26 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampled :
TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	214423		
109	50.3	34.1	74.1	
65	93.3	31.4	71.4	

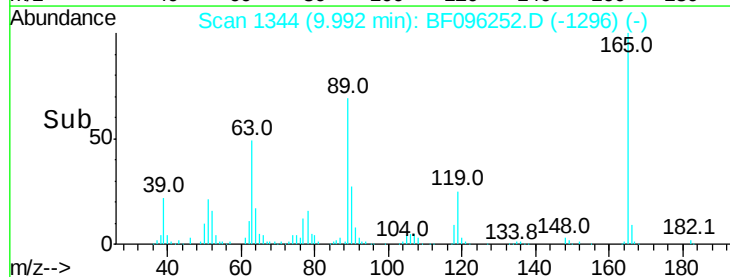
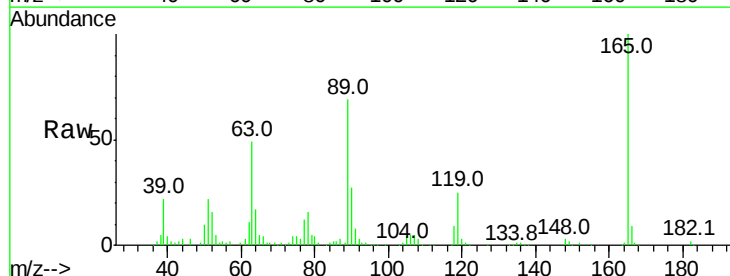
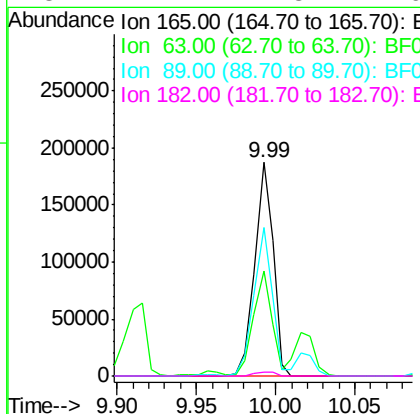
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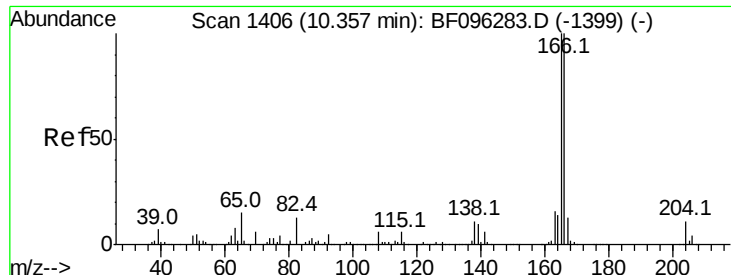
mohammad
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#56
2,4-Dinitrotoluene
Concen: 29.86 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	152021		
63	49.5	25.4	38.0	
89	69.4	46.4	69.6	
182	1.7	1.8	2.6	





#57

Fluorene

Concen: 27.80 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

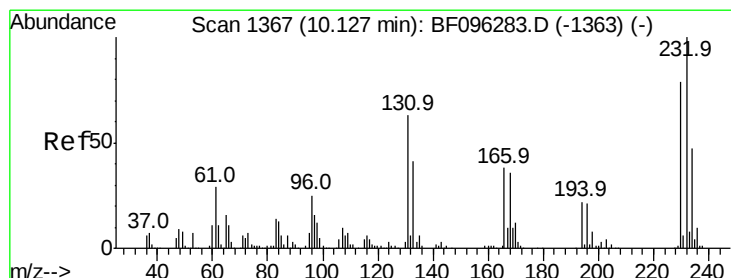
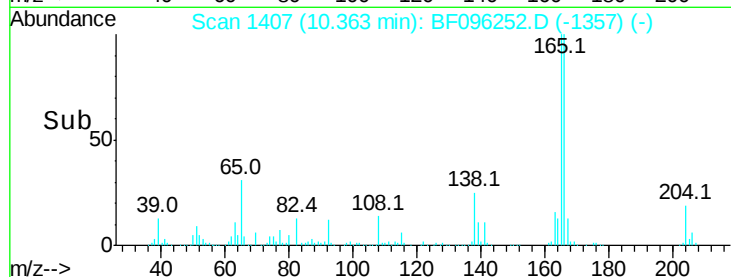
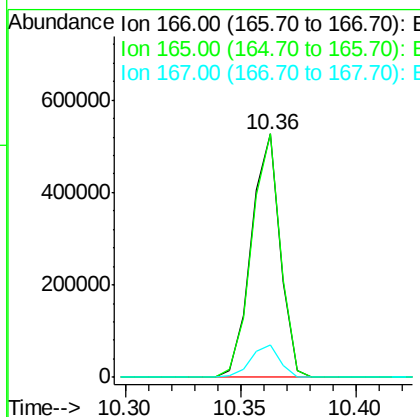
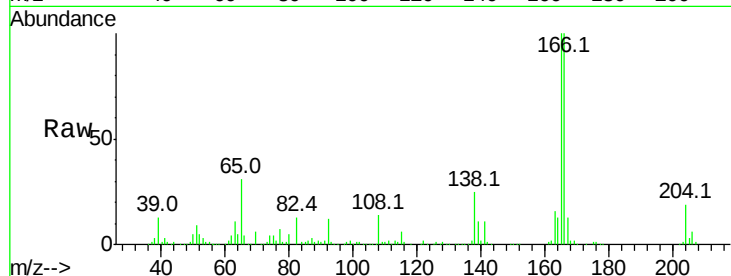
ClientSampleId :

TS-1MSD

Tot Ion:	166	Resp:	460684
Ion Ratio	Lower	Upper	
166	100		
165	99.9	78.8	118.2
167	13.2	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 29.38 ng m

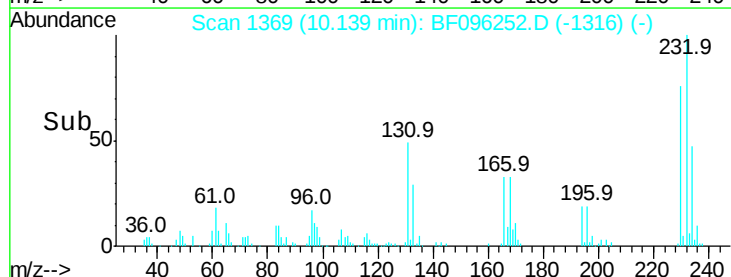
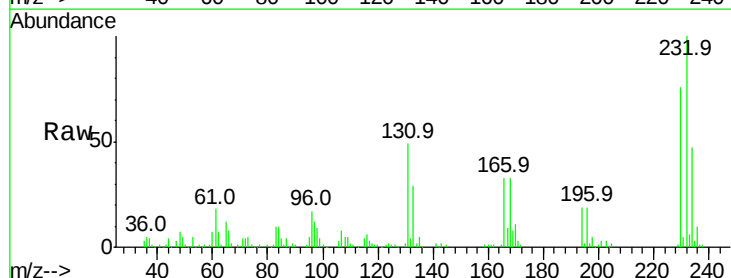
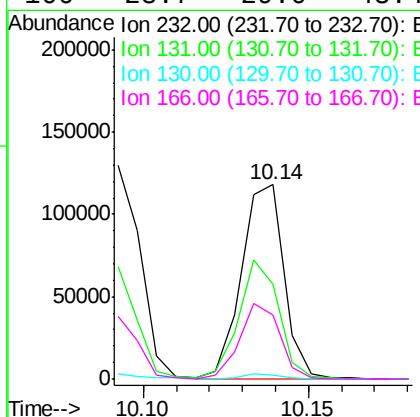
RT: 10.14 min Scan# 1369

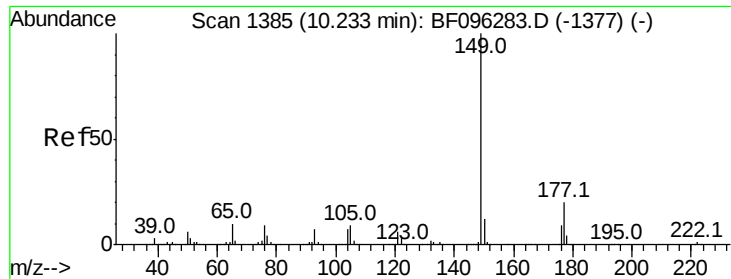
Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion:	232	Resp:	107134
Ion Ratio	Lower	Upper	
232	100		
131	50.3	44.8	67.2
130	2.9	2.3	3.5
166	28.7	29.0	43.4#





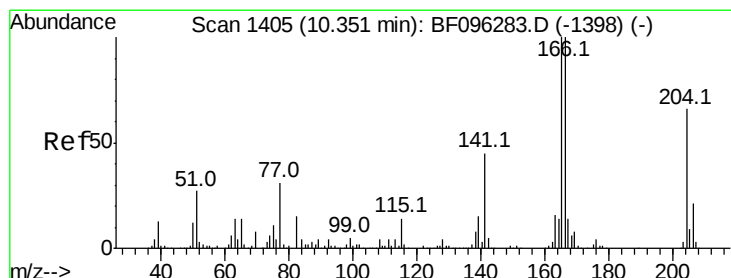
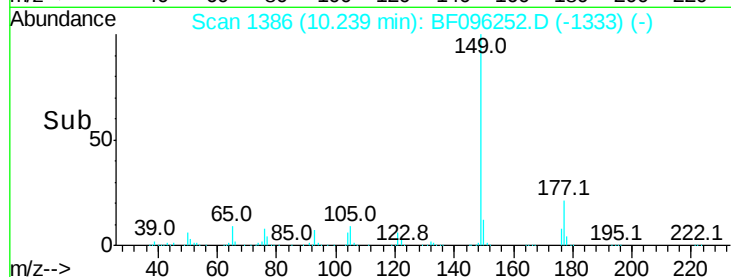
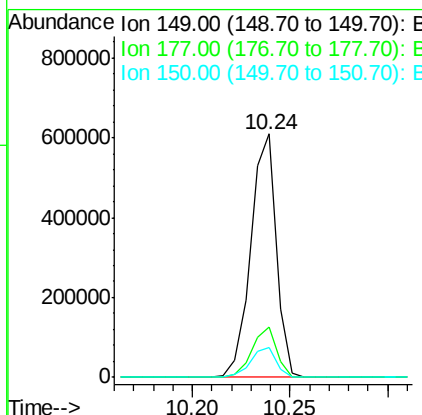
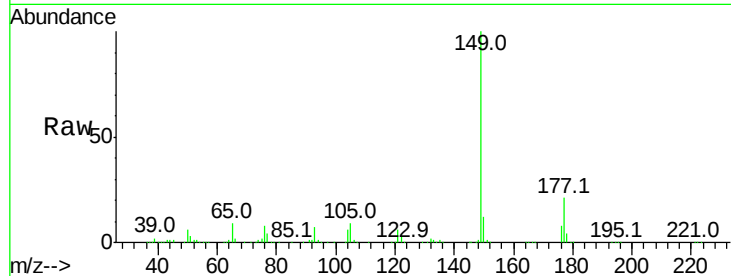
#59
Diethylphthalate
Concen: 28.31 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	552076		
177	20.9		16.7	25.1
150	12.2		10.2	15.2

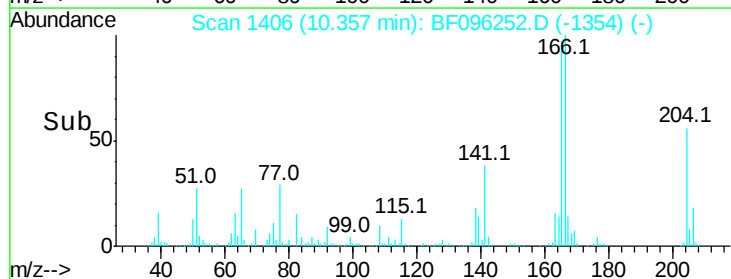
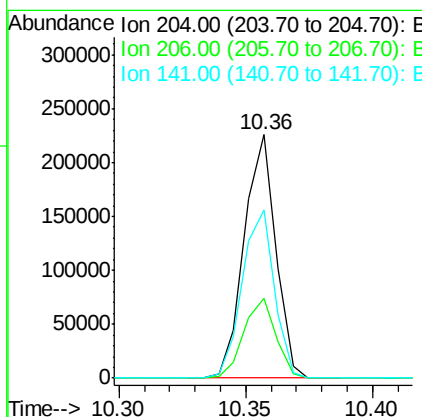
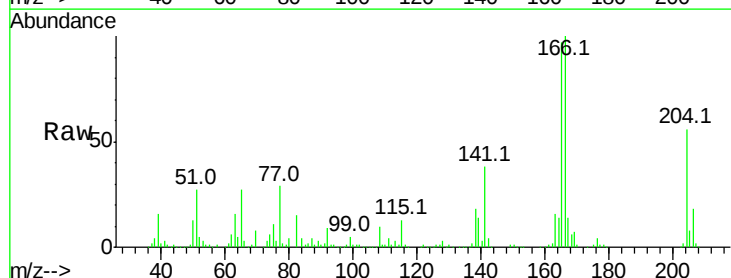
Manual Integrations
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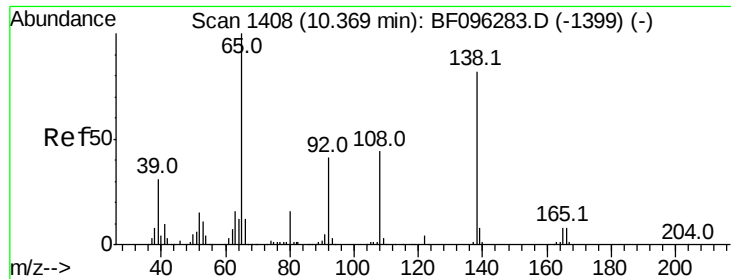
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 28.20 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	195712		
206	32.9		26.2	39.2
141	68.8		60.8	91.2





#61

4-Nitroaniline

Concen: 26.20 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

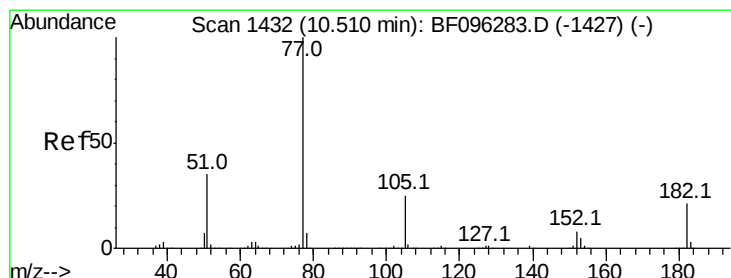
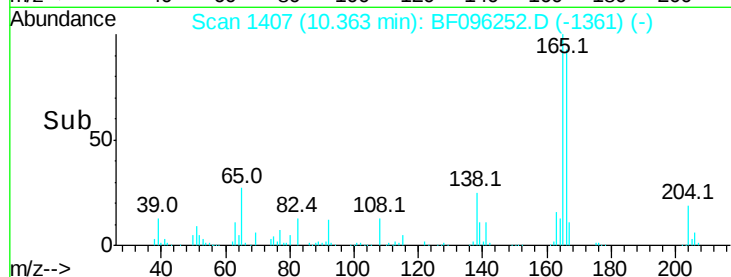
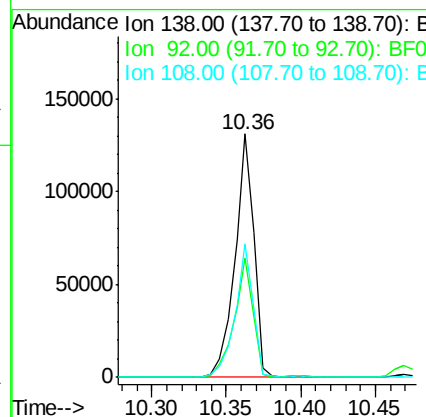
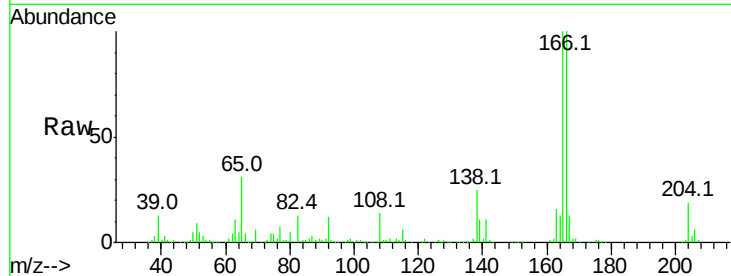
ClientSampleId :

TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	117894		
92	49.0	21.8	61.8	
108	55.0	42.3	82.3	

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#62

Azobenzene

Concen: 29.14 ng

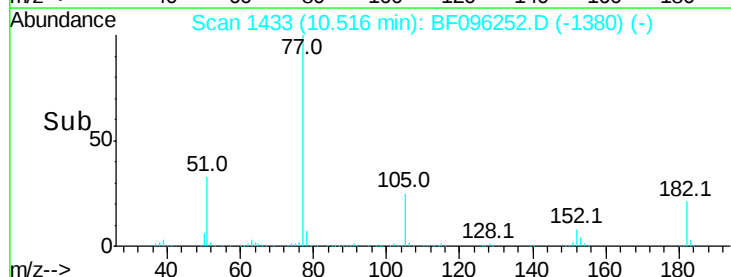
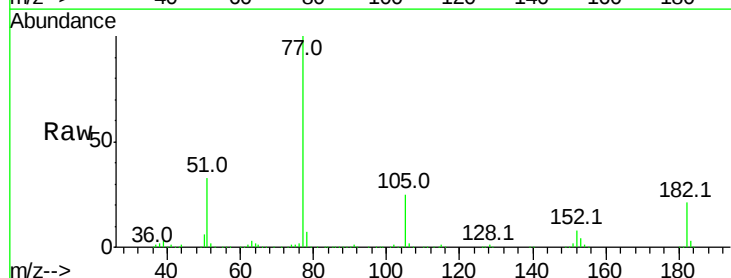
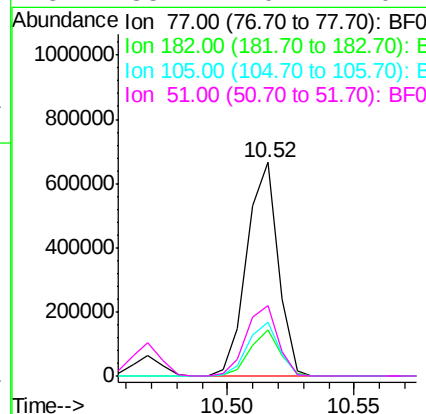
RT: 10.52 min Scan# 1433

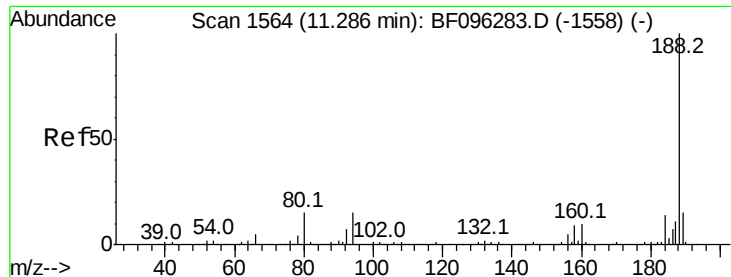
Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	573058		
182	21.3	0.1	40.1	
105	25.1	3.6	43.6	
51	33.1	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: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

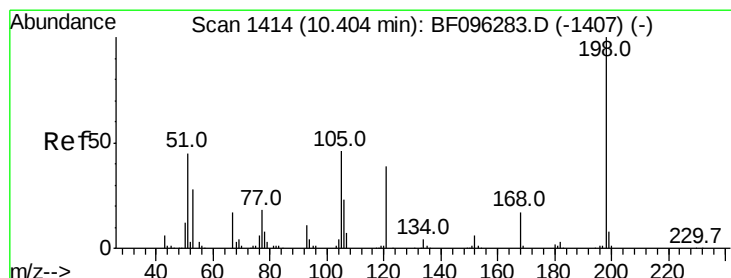
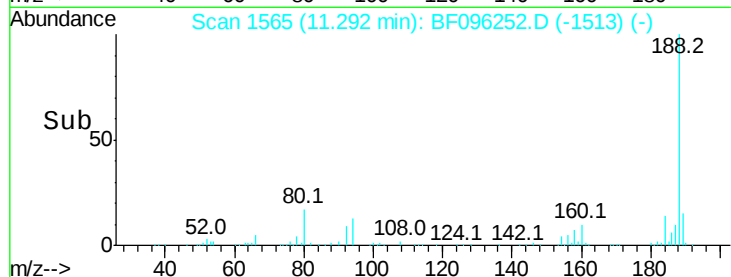
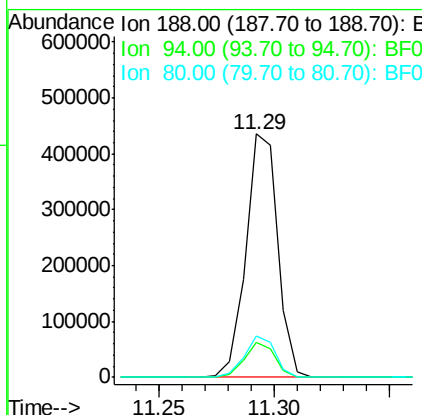
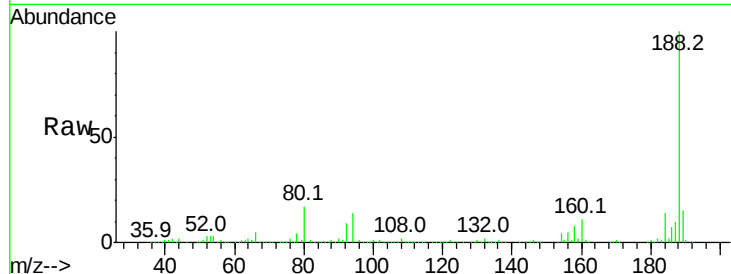
ClientSampleId :

TS-1MSD

Tot Ion:	188	Resp:	418285
Ion Ratio	Lower	Upper	
188	100		
94	14.5	9.4	14.2#
80	17.0	10.2	15.2#

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#64

4,6-Dinitro-2-methylphenol

Concen: 20.91 ng

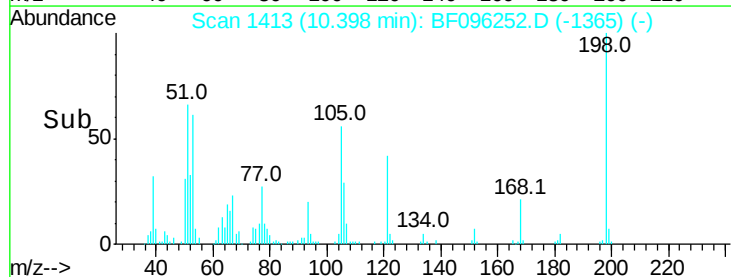
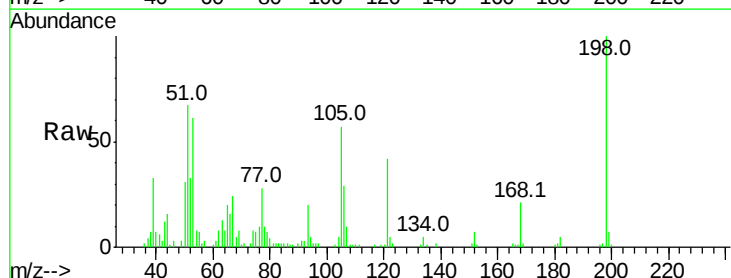
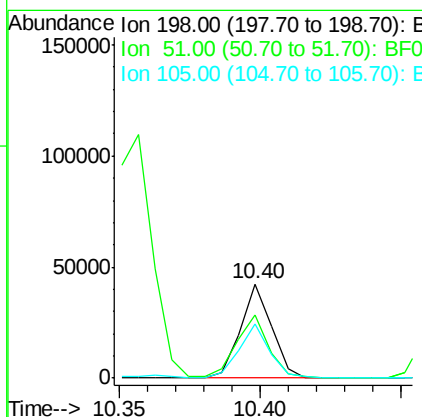
RT: 10.40 min Scan# 1413

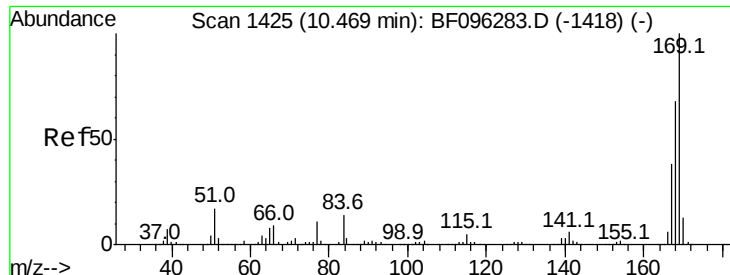
Delta R.T. -0.02 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion:	198	Resp:	32639
Ion Ratio	Lower	Upper	
198	100		
51	67.2	53.2	93.2
105	57.3	45.8	85.8





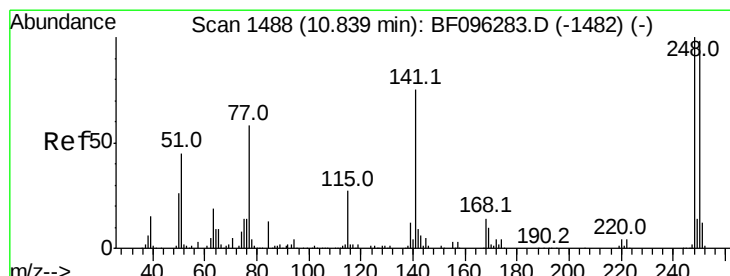
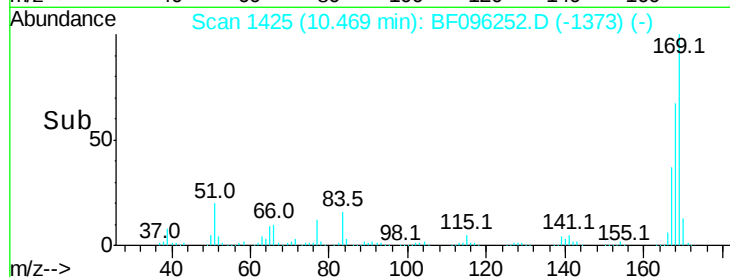
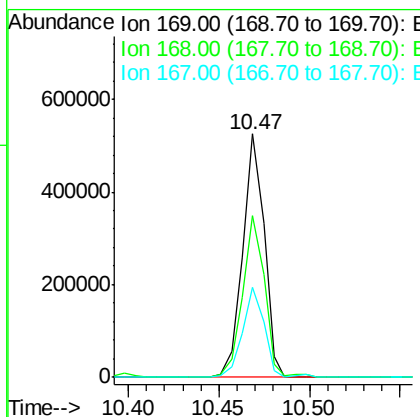
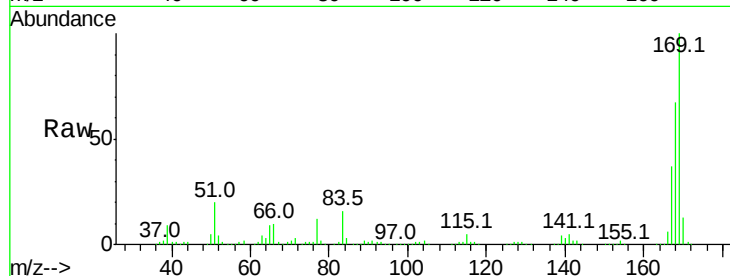
#65
n-Nitrosodiphenylamine
Concen: 28.81 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	433375		
168	66.5	53.2	79.8	
167	37.0	29.5	44.3	

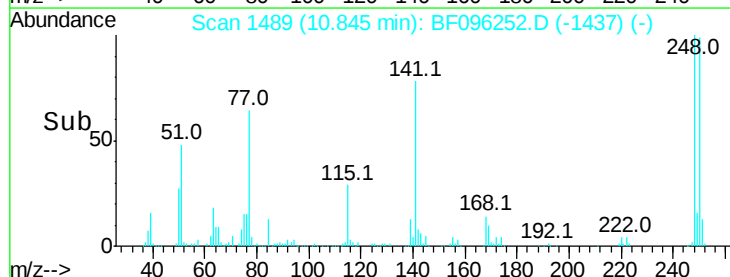
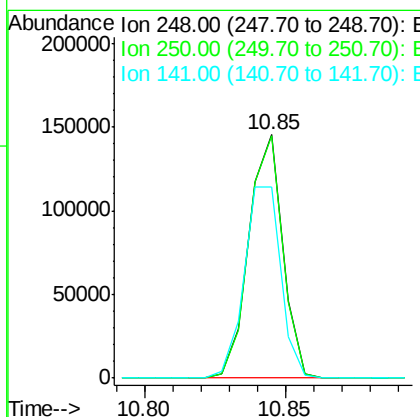
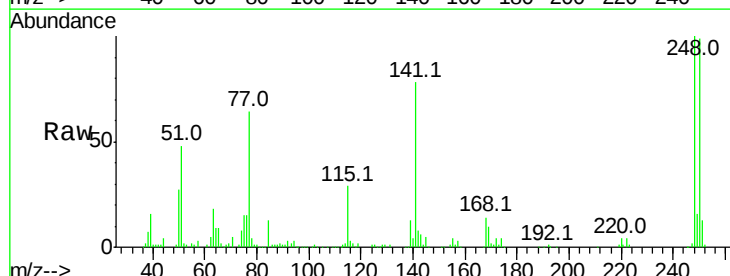
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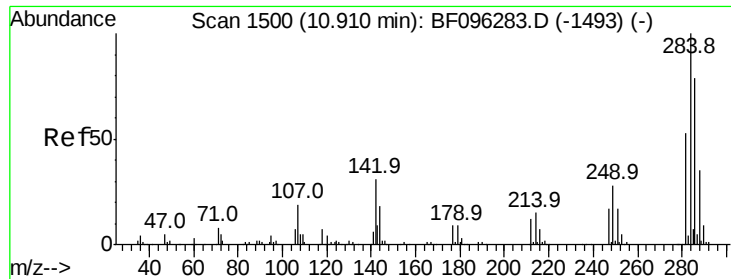
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#66
4-Bromophenyl-phenylether
Concen: 28.11 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	120988		
250	99.4	76.8	115.2	
141	78.3	68.6	103.0	





#67

Hexachlorobenzene

Concen: 29.87 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

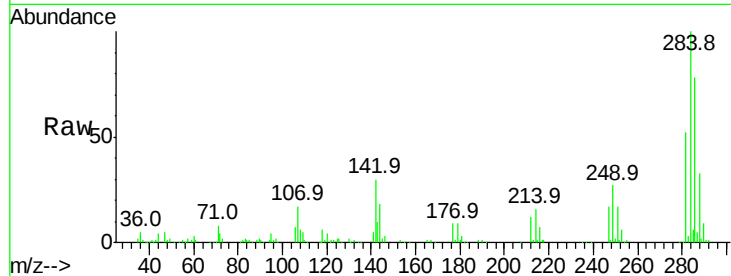
ClientSampleId :

TS-1MSD

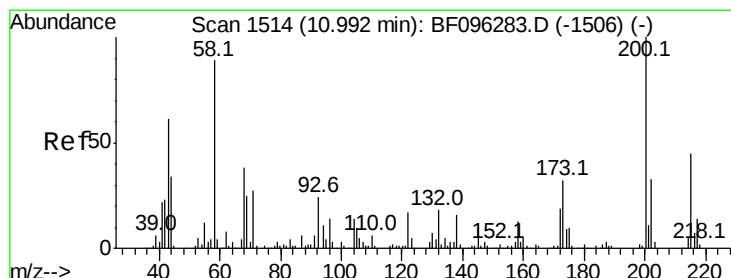
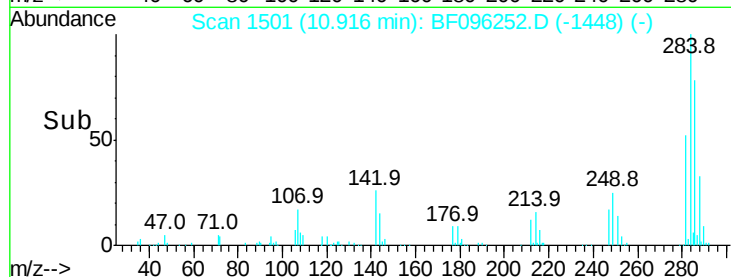
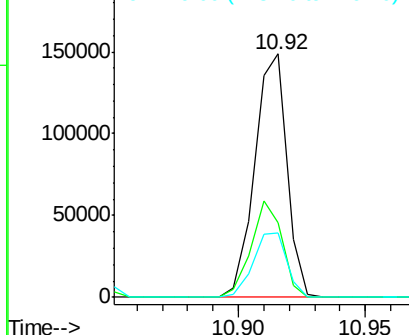
Tot Ion:	284	Resp:	132185
Ion Ratio	Lower	Upper	
284	100		
142	30.4	22.8	34.2
249	26.6	24.0	36.0

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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



#68

Atrazine

Concen: 30.55 ng

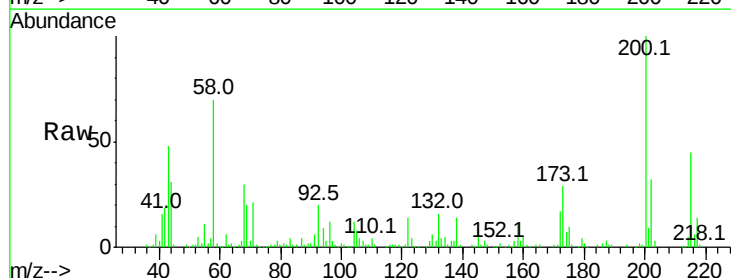
RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

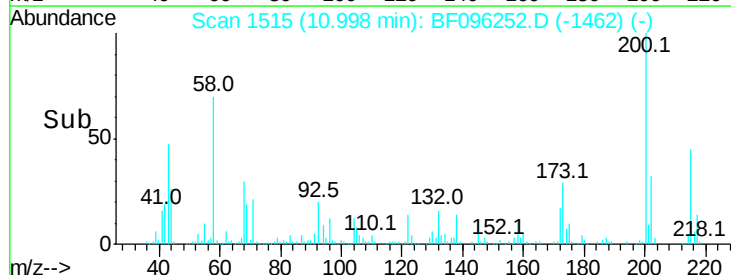
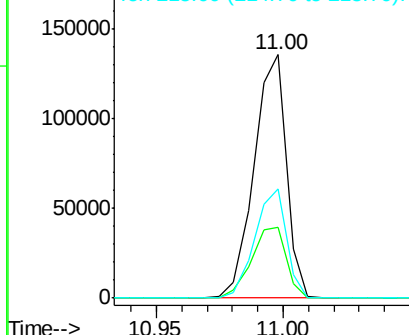
Lab File: BF096252.D

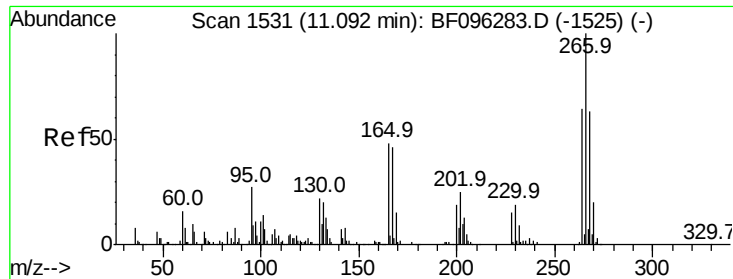
Acq: 28 Jun 2017 16:28

Tgt Ion:	200	Resp:	121239
Ion Ratio	Lower	Upper	
200	100		
173	29.1	6.3	46.3
215	44.7	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





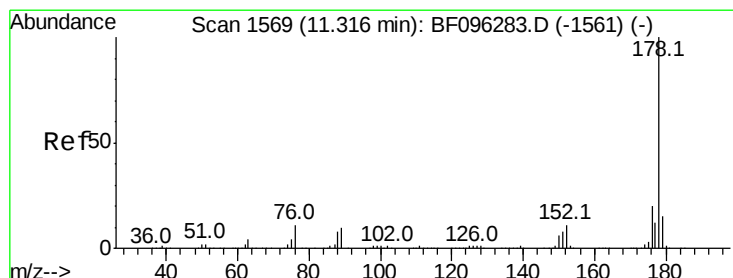
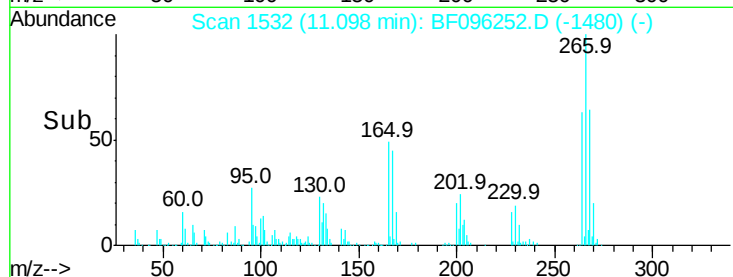
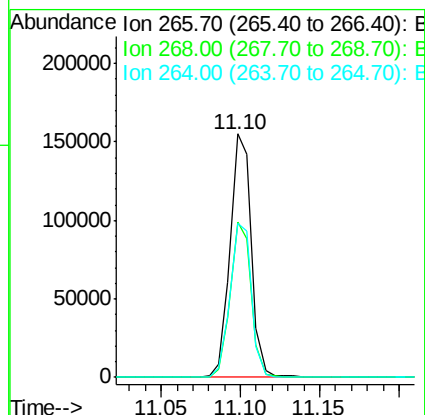
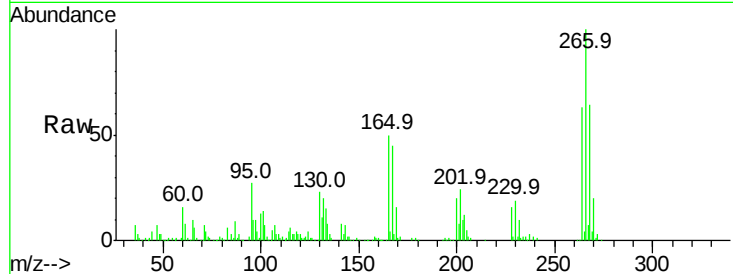
#69
 Pentachlorophenol
 Concen: 56.84 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Instrument :
 BNA_F
 ClientSampled :
 TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	143557		
268	63.7	51.1	76.7	
264	63.1	51.7	77.5	

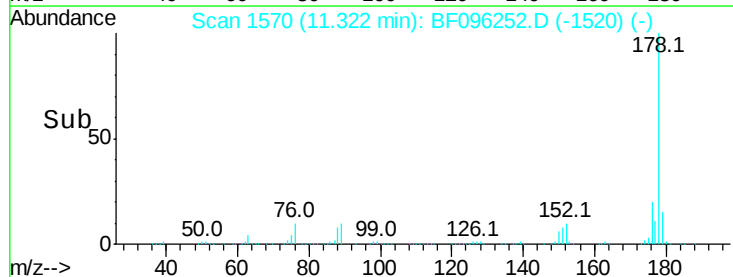
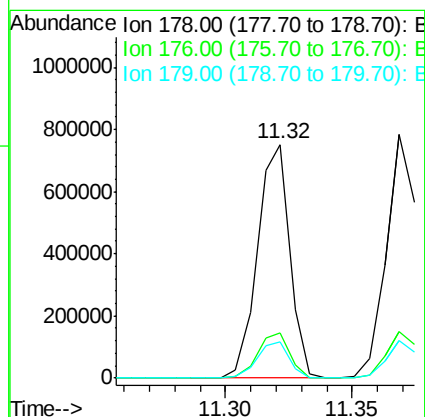
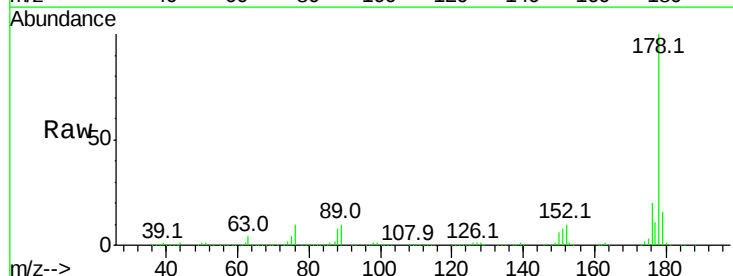
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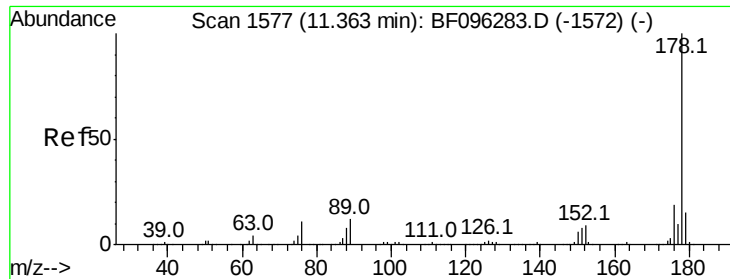
mohammad
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#70
 Phenanthrene
 Concen: 29.18 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	668796		
176	19.5	16.2	24.4	
179	15.6	12.6	19.0	





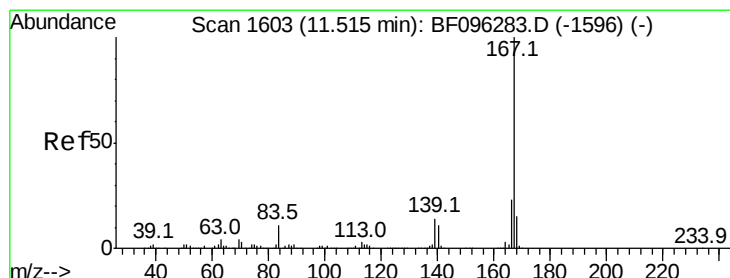
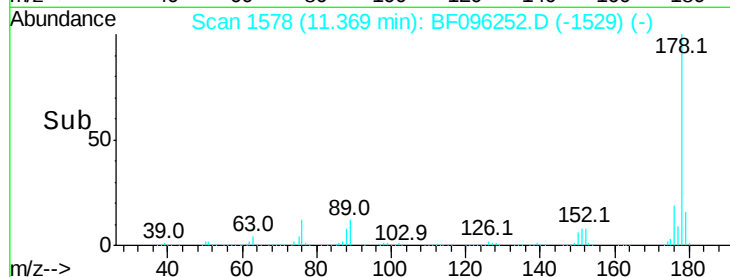
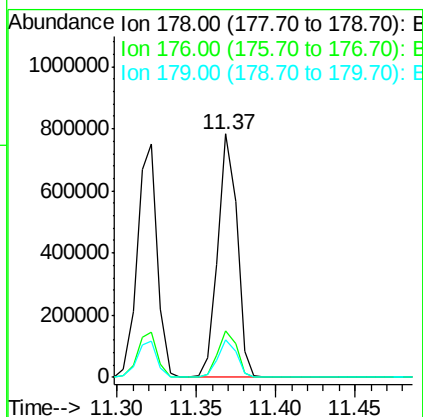
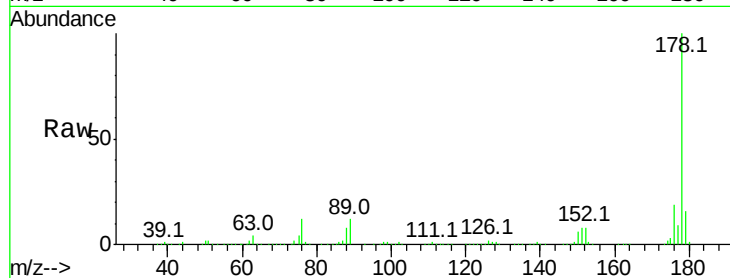
#71
 Anthracene
 Concen: 28.28 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Instrument :
 BNA_F
 ClientSampled :
 TS-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.7	12.7	19.1

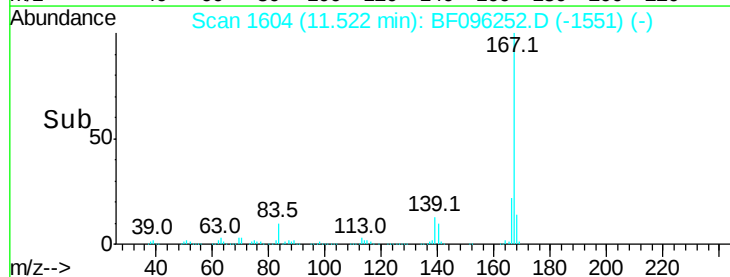
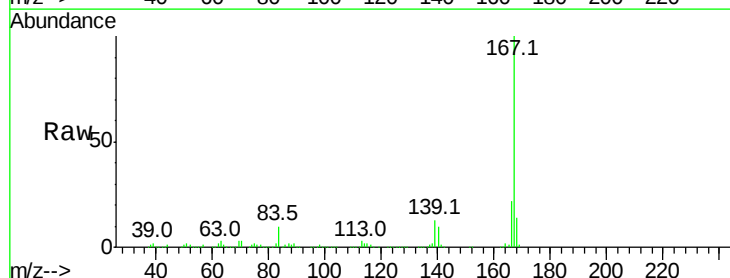
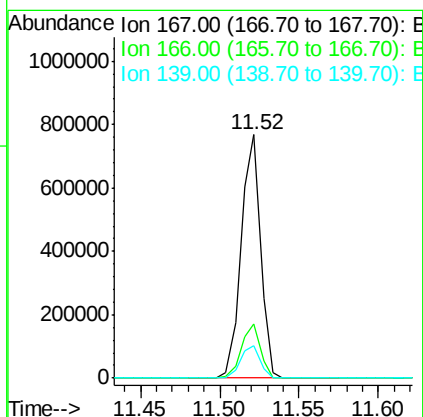
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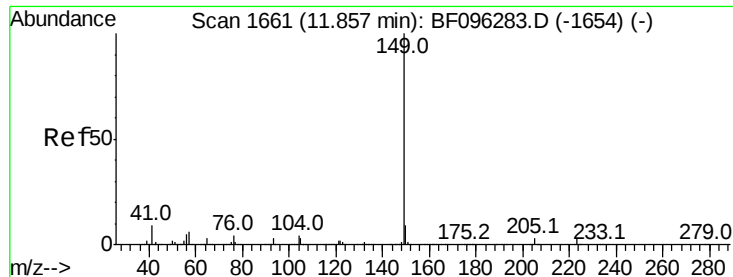
mohammad
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#72
 Carbazole
 Concen: 25.24 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 31.19 ng

RT: 11.86 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

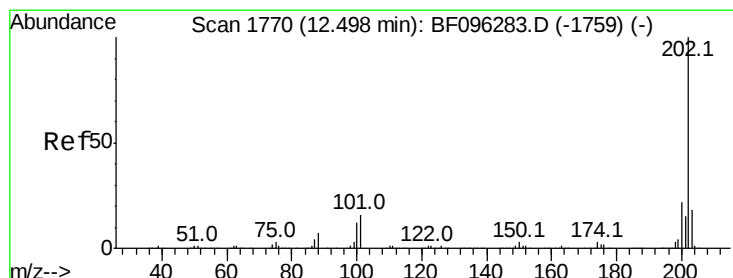
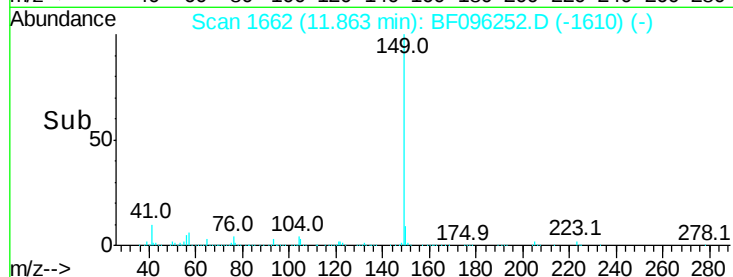
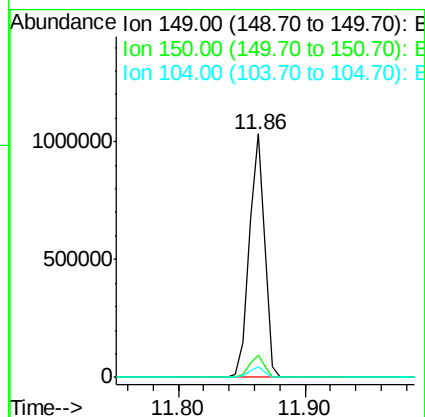
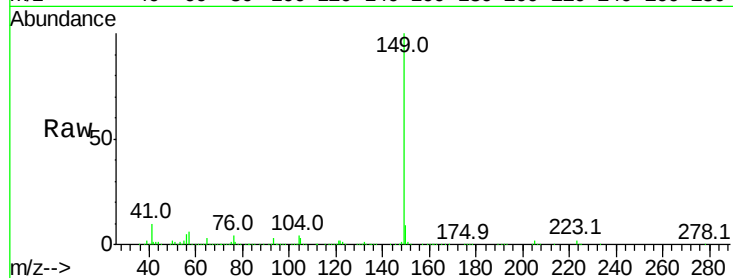
ClientSampleId :

TS-1MSD

Tot Ion:	149	Resp:	849950
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.3	4.0	6.0

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#74

Fluoranthene

Concen: 28.29 ng

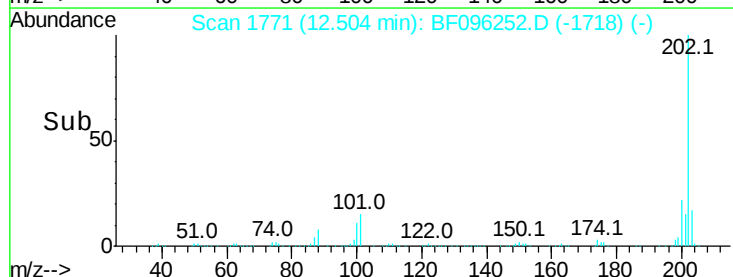
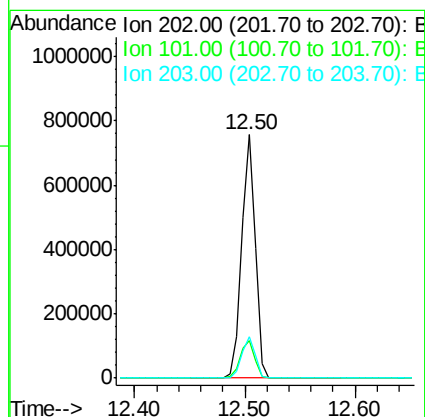
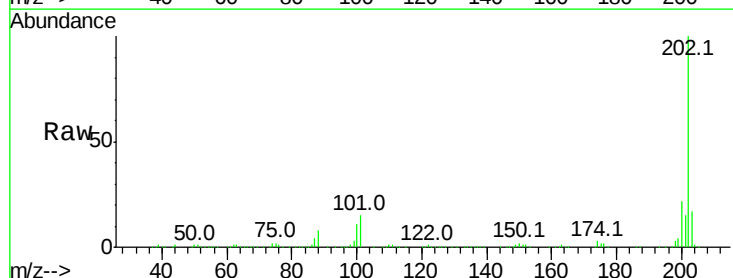
RT: 12.50 min Scan# 1771

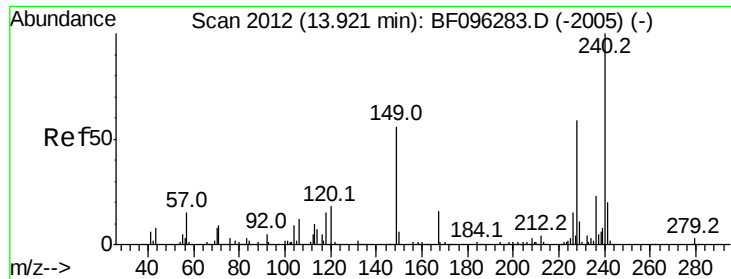
Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion:	202	Resp:	657266
Ion Ratio	Lower	Upper	
202	100		
101	15.3	0.0	33.2
203	17.2	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: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

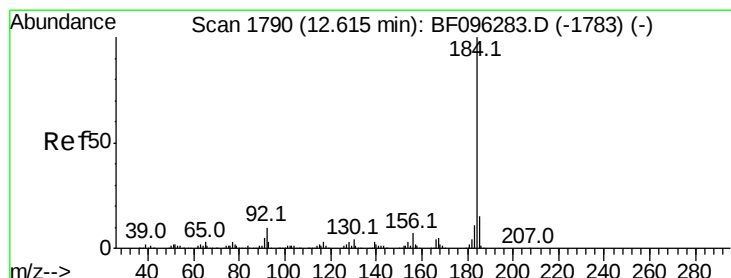
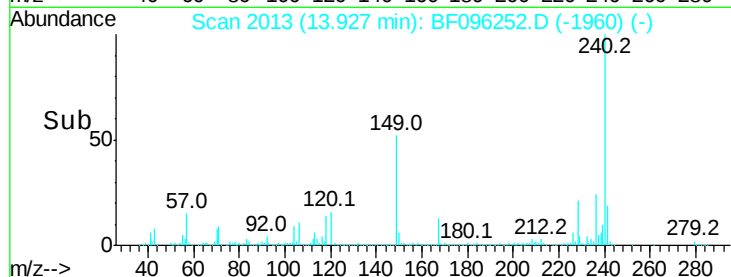
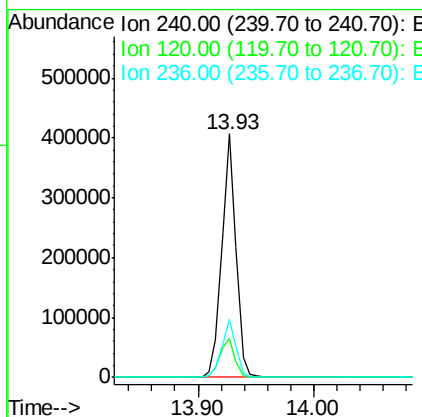
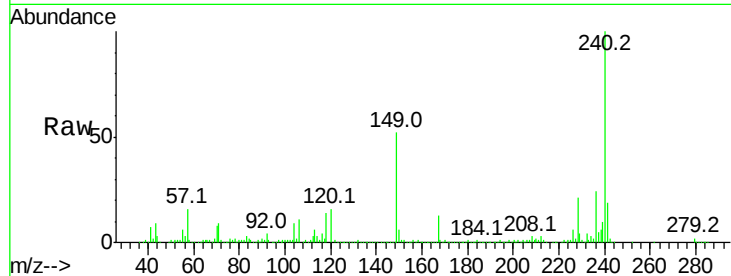
ClientSampleId :

TS-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	24.1	20.5	30.7

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#76

Benzidine

Concen: 4.89 ng

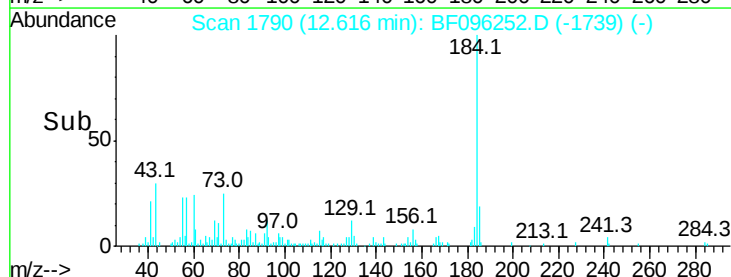
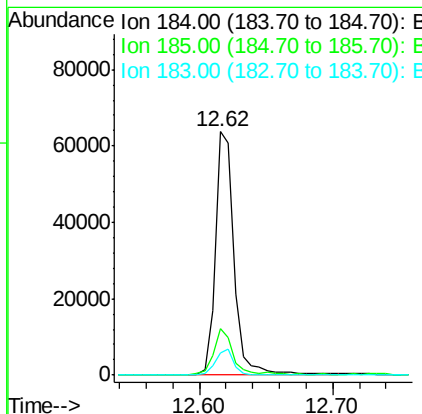
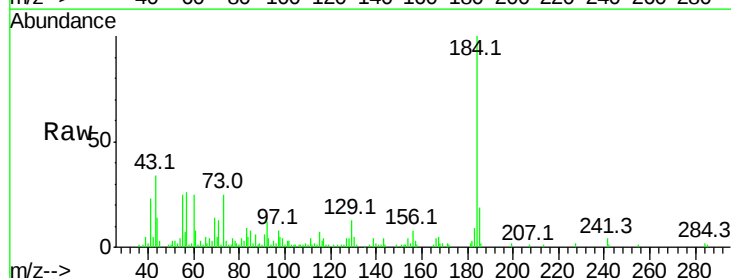
RT: 12.62 min Scan# 1790

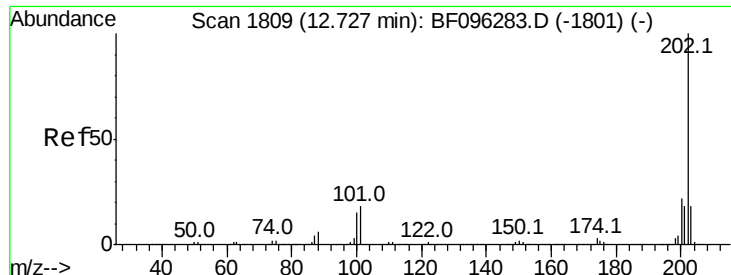
Delta R.T. -0.00 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	19.0	15.5	23.3
183	9.2	9.8	14.6#





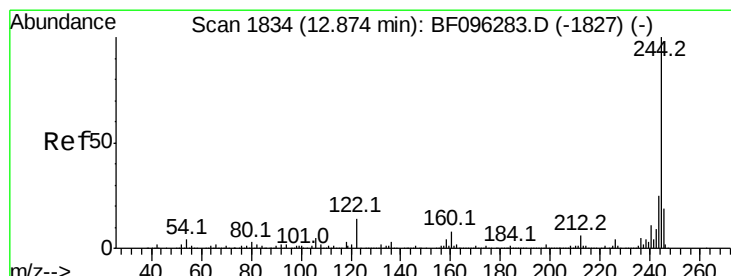
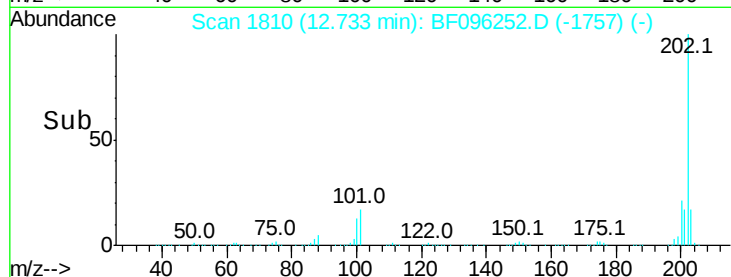
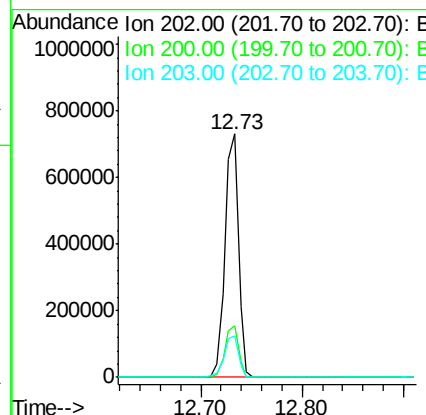
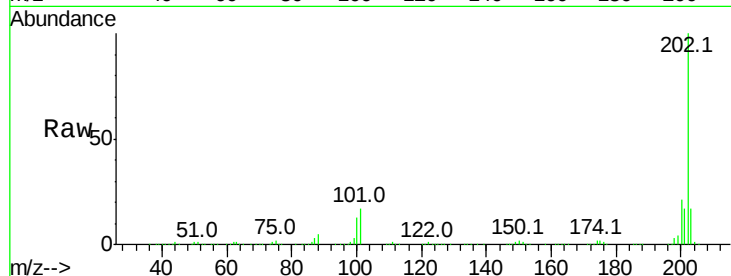
#77
Pvrene
Concen: 23.74 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	677149		
200	21.2		17.6	26.4
203	16.9		14.4	21.6

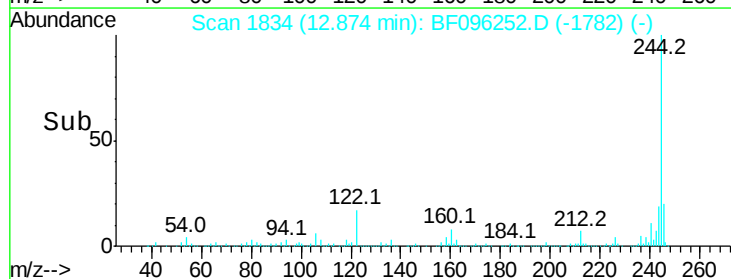
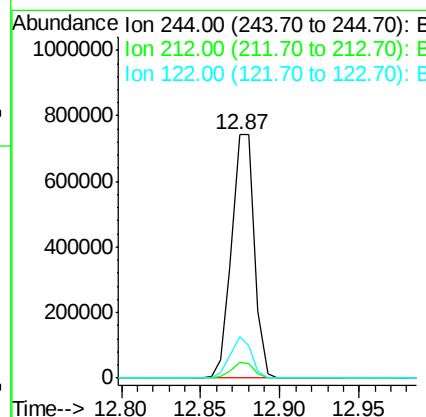
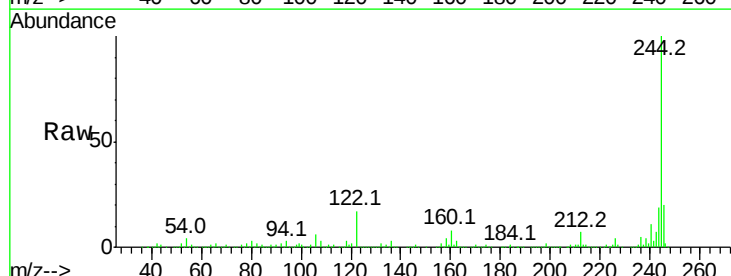
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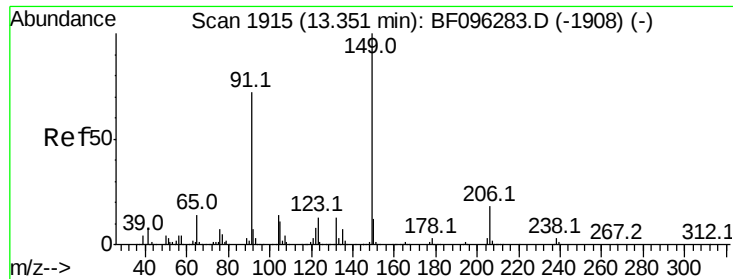
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#78
Terphenyl-d14
Concen: 53.29 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	741355		
212	6.6		6.0	9.0
122	17.2		10.3	15.5#





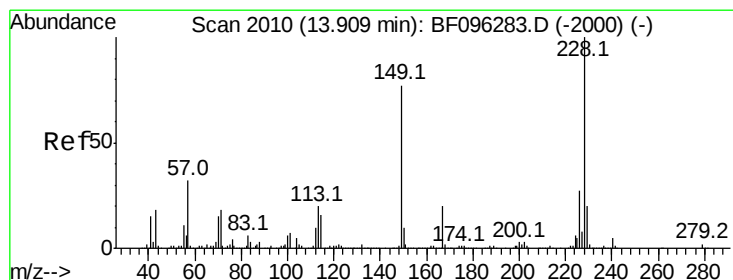
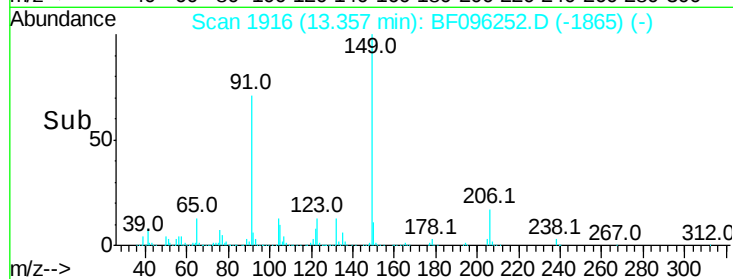
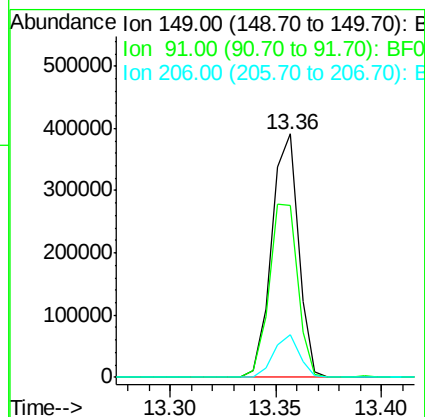
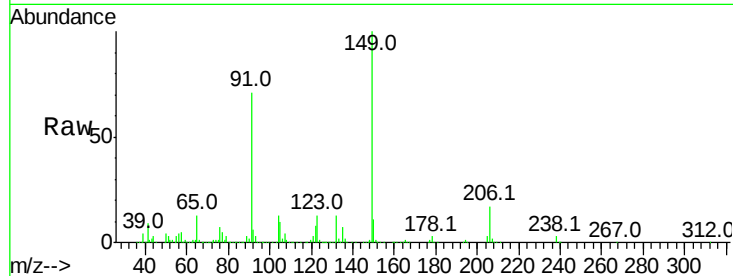
#79
Butylbenzylphthalate
Concen: 26.53 ng
RT: 13.36 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampled :
TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	346873		
91	70.9	45.0	67.4#	
206	17.3	17.0	25.6	

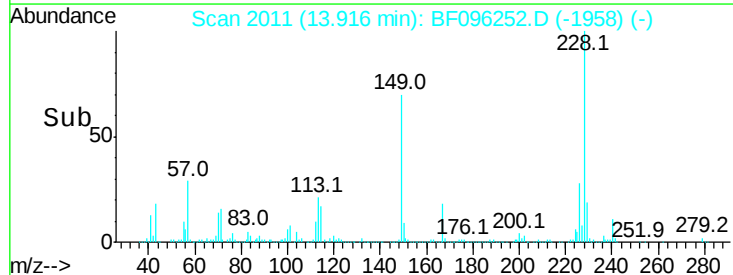
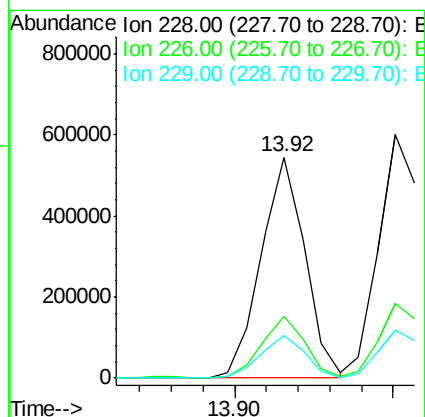
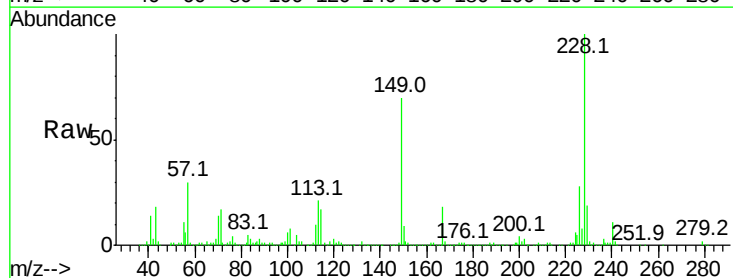
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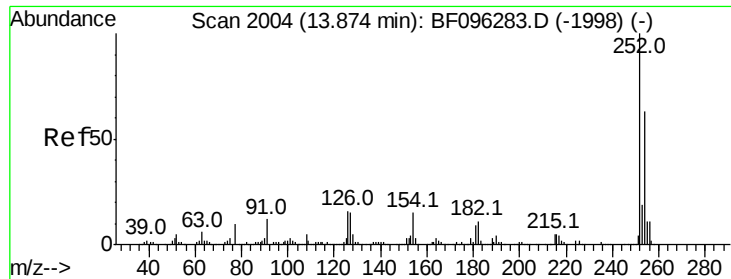
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#80
Benzo(a)anthracene
Concen: 24.84 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	525683		
226	28.0	22.6	33.8	
229	19.3	16.3	24.5	





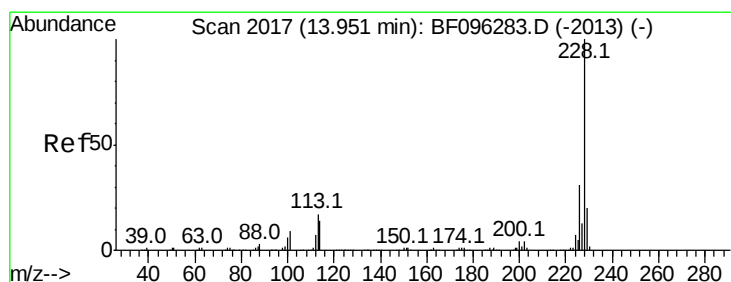
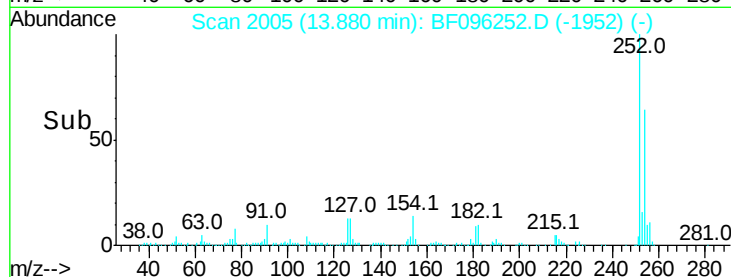
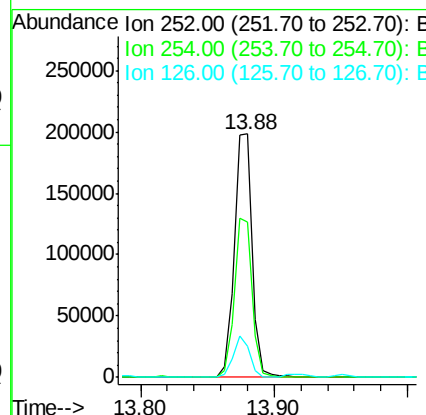
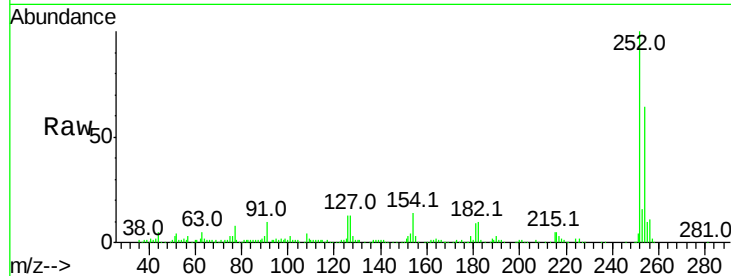
#81
 3,3'-Dichlorobenzidine
 Concen: 23.34 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Instrument :
 BNA_F
 ClientSampled :
 TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	188049		
254	63.7		51.5	77.3
126	12.8		15.8	23.8

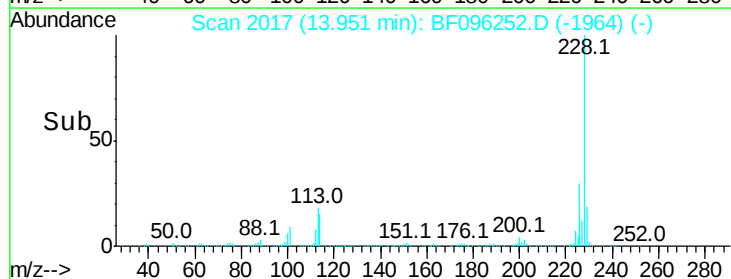
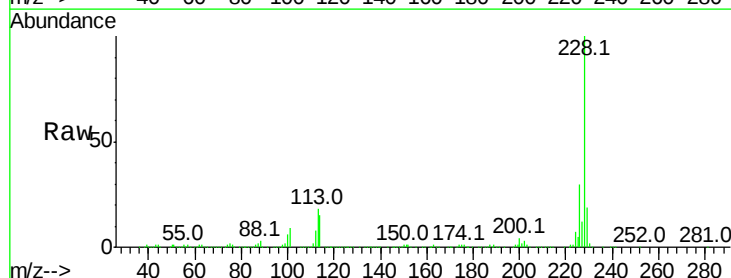
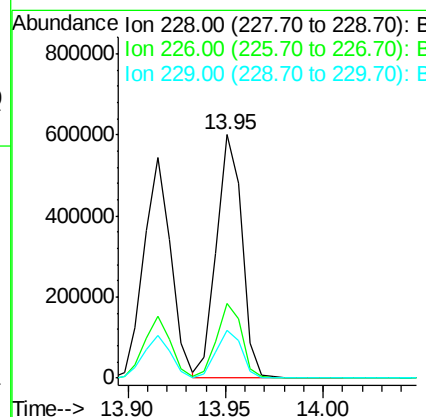
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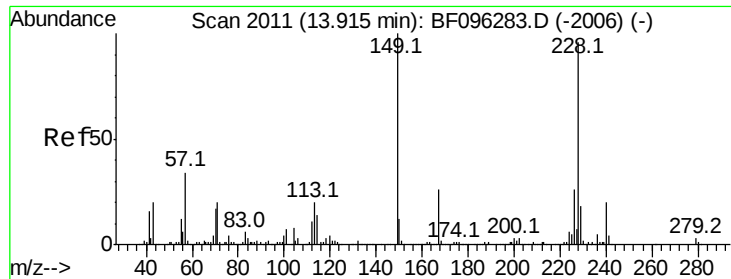
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#82
 Chrysene
 Concen: 24.86 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	544147		
226	30.4		24.9	37.3
229	19.4		15.8	23.6





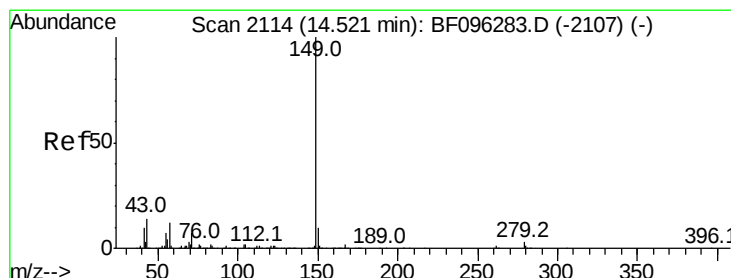
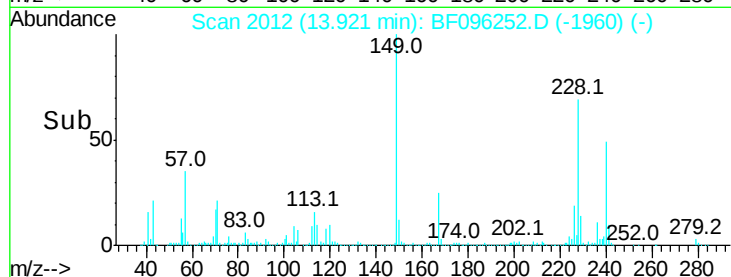
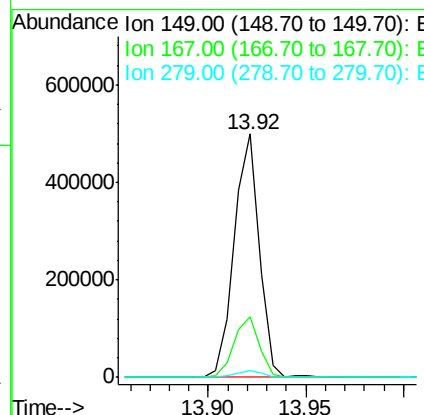
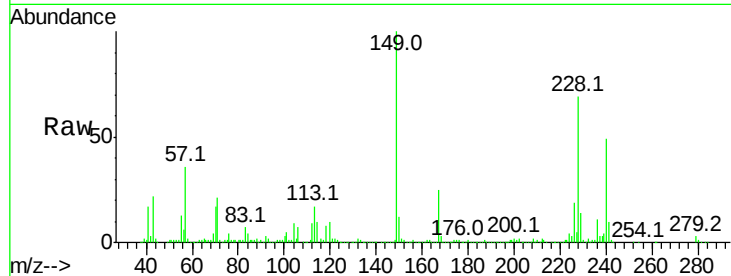
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.23 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	443698		
167	24.9	21.0	31.4	
279	2.7	1.9	2.9	

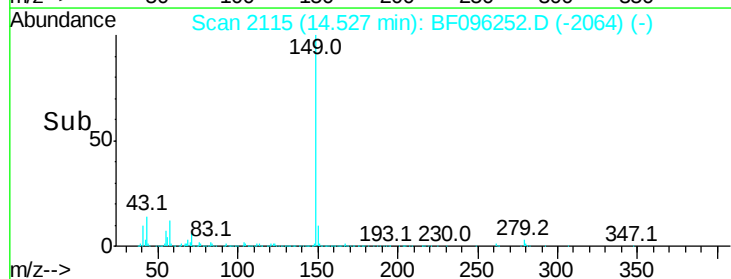
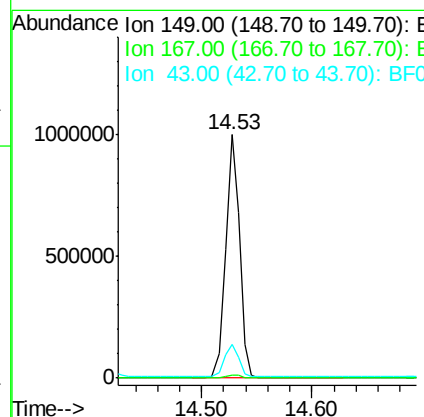
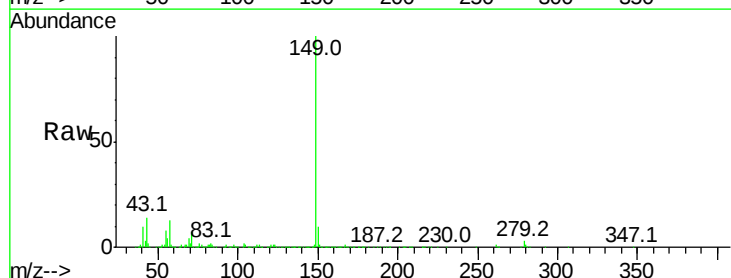
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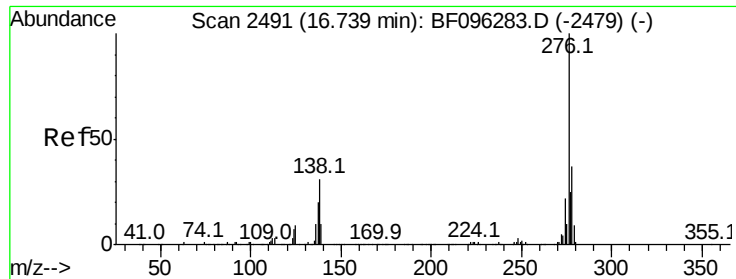
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#84
 Di-n-octyl phthalate
 Concen: 29.90 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: BF096252.D
 Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	875010		
167	1.5	1.2	1.8	
43	13.9	8.5	12.7#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.64 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.04 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

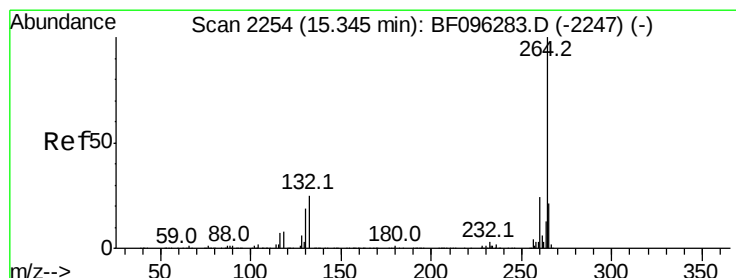
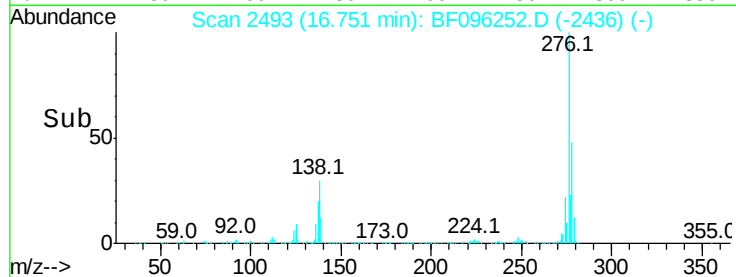
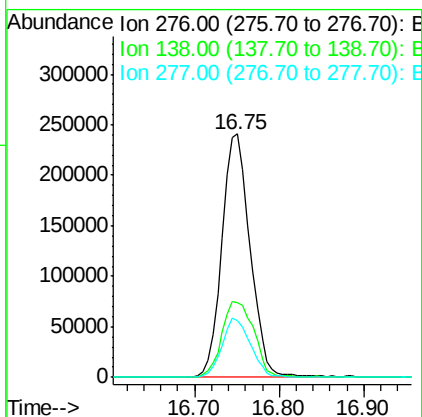
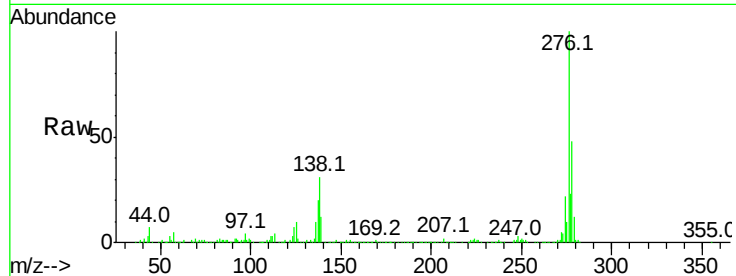
ClientSampleId :

TS-1MSD

Tot Ion:	276	Resp:	556678
Ion Ratio	Lower	Upper	
276	100		
138	35.5	27.8	41.6
277	24.7	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

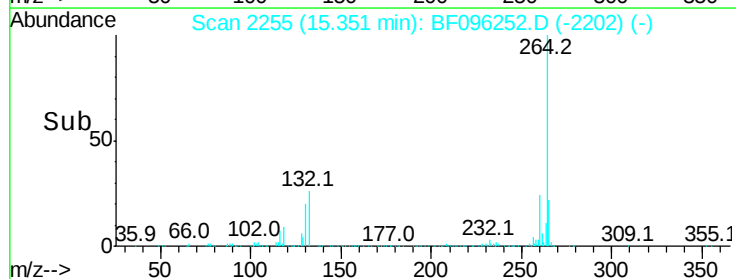
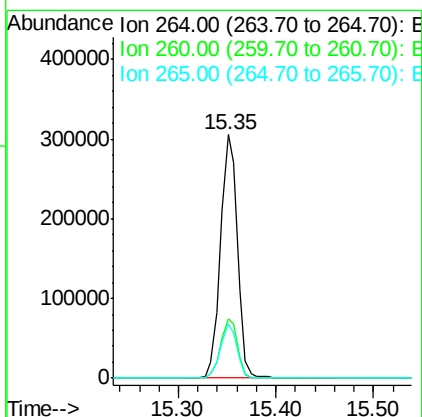
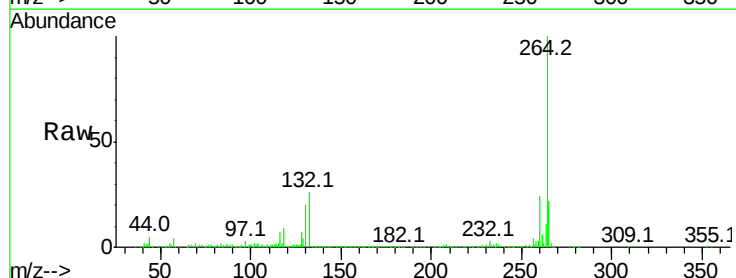
RT: 15.35 min Scan# 2255

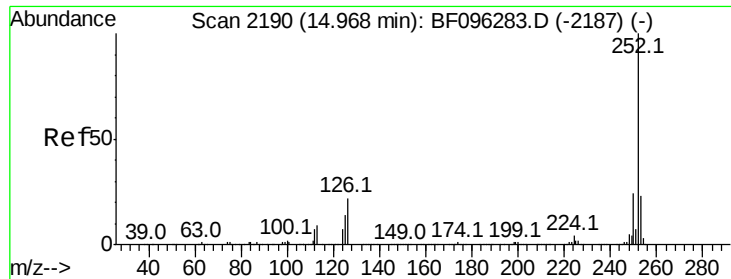
Delta R.T. 0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion:	264	Resp:	368401
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 23.74 ng

RT: 14.94 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

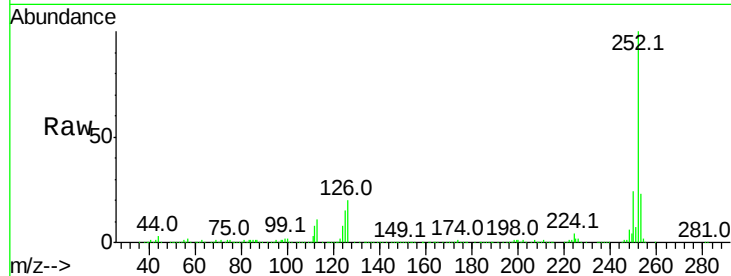
ClientSampleId :

TS-1MSD

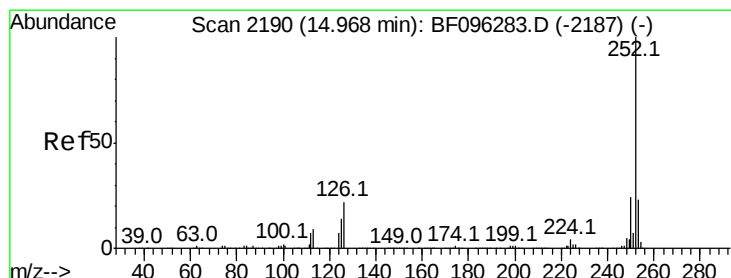
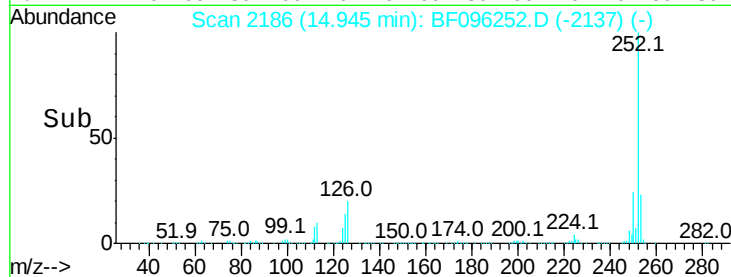
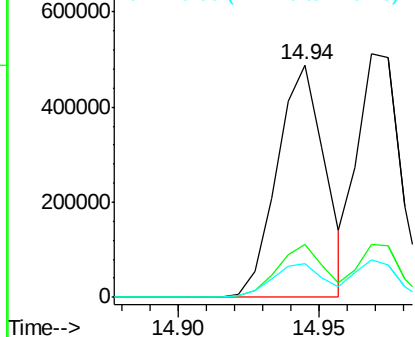
Tot Ion:	252	Resp:	574516
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	14.6	9.8	14.8

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



#88

Benzo(k)fluoranthene

Concen: 24.37 ng

RT: 14.97 min Scan# 2190

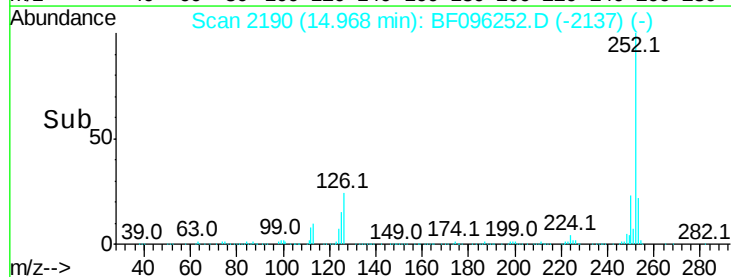
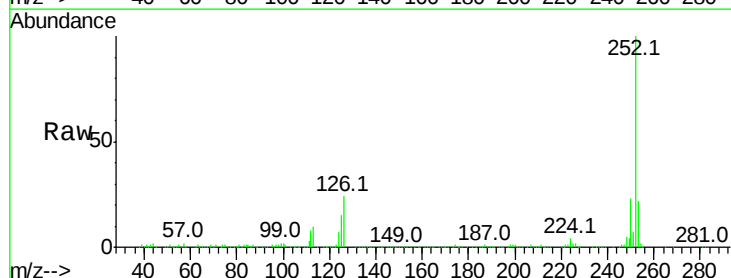
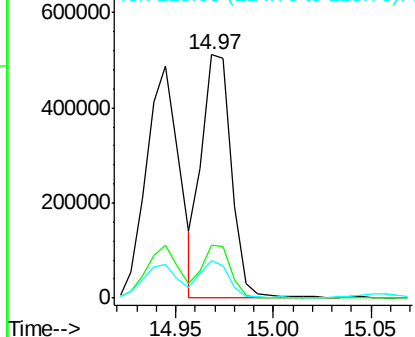
Delta R.T. 0.01 min

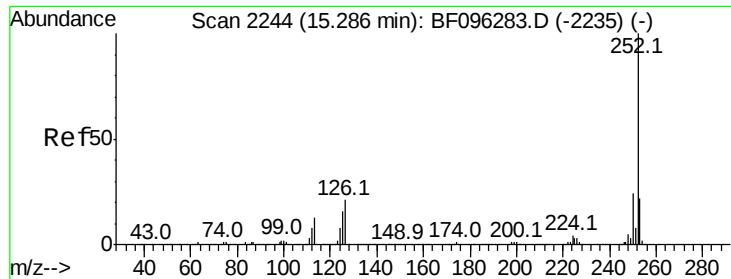
Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Tgt Ion:	252	Resp:	538371
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.4	27.6
125	15.3	13.1	19.7

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





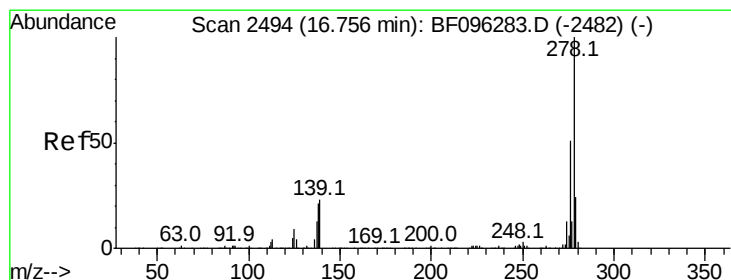
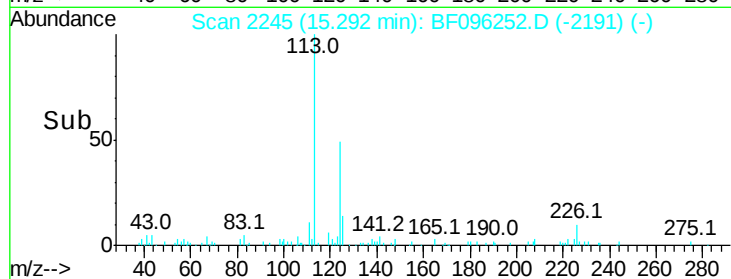
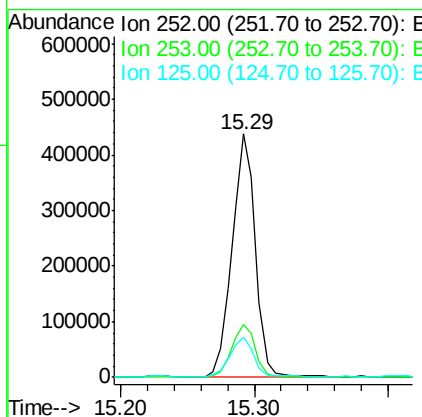
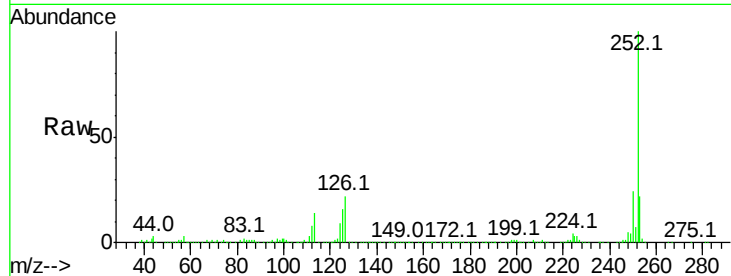
#89
Benzo(a)pyrene
Concen: 24.96 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Instrument :
BNA_F
ClientSampled :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	16.2	11.0	16.4

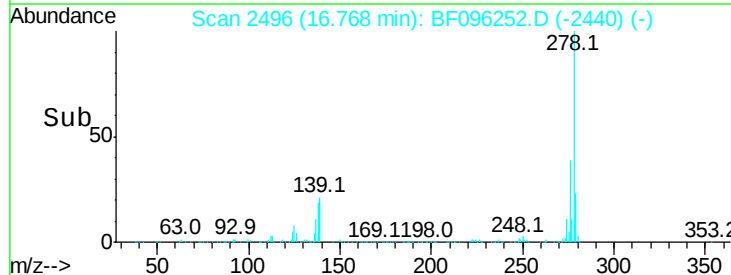
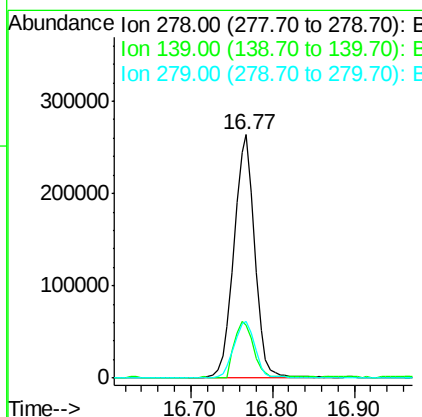
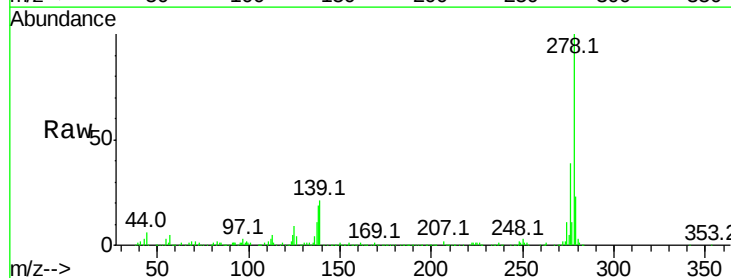
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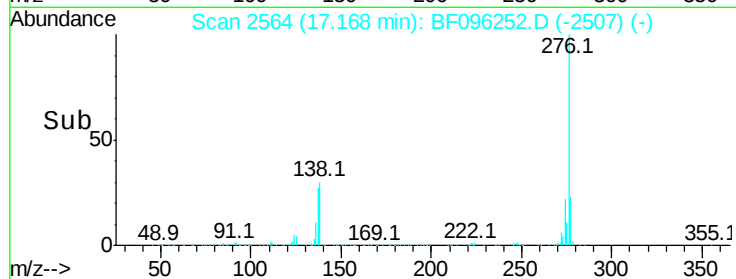
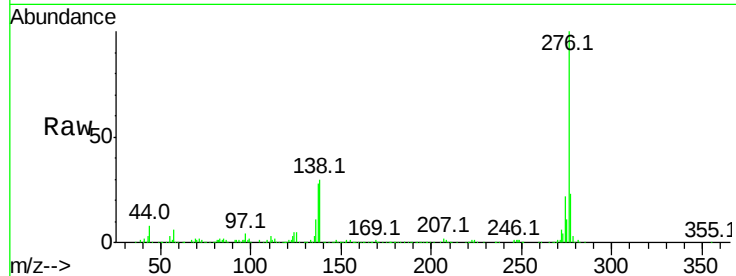
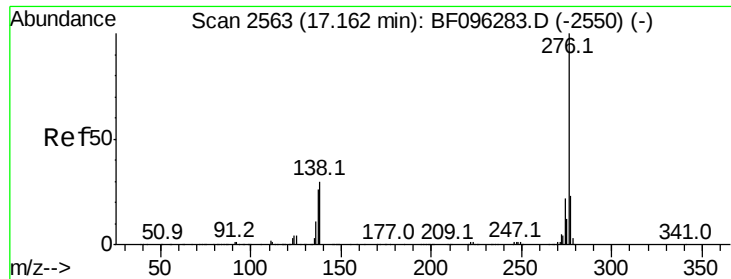
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#90
Dibenzo(a,h)anthracene
Concen: 28.14 ng
RT: 16.77 min Scan# 2496
Delta R.T. 0.03 min
Lab File: BF096252.D
Acq: 28 Jun 2017 16:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	23.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 25.41 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.04 min

Lab File: BF096252.D

Acq: 28 Jun 2017 16:28

Instrument :

BNA_F

ClientSampleId :

TS-1MSD

Tot Ion:	276	Resp:	441997
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	28.0
138	29.9	25.4	38.0

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