

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096323.D
 Acq On : 30 Jun 2017 8:39
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 7/3/2017 11:36:38 AM

Quant Time: Jun 30 17:47:34 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	6.77	152	178239	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	760539	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	326840	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	536528	20.00	ng	0.00
75) Chrysene-d12	13.93	240	370382	20.00	ng	0.01
86) Perylene-d12	15.34	264	318283	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1014188	81.98	ng	0.00
7) Phenol-d6	6.41	99	1253557	83.68	ng	0.02
23) Nitrobenzene-d5	7.34	82	1014020	92.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	278691	108.35	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1549610	86.83	ng	-0.01
78) Terphenyl-d14	12.87	244	1203163	81.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	242181	41.04	ng	# 80
3) Pyridine	3.20	79	686519	42.42	ng	# 74
4) n-Nitrosodimethylamine	3.14	42	331382	41.39	ng	92
6) Aniline	6.43	93	839241	40.63	ng	98
8) 2-Chlorophenol	6.56	128	509385	41.96	ng	97
9) Benzaldehyde	6.32	77	376888	42.02	ng	99
10) Phenol	6.42	94	677399	41.13	ng	95
11) bis(2-Chloroethyl)ether	6.51	93	550173	40.83	ng	91
12) 1,3-Dichlorobenzene	6.72	146	546005	40.81	ng	99
13) 1,4-Dichlorobenzene	6.79	146	547503	40.77	ng	95
14) 1,2-Dichlorobenzene	6.95	146	503425	41.14	ng	96
15) Benzyl Alcohol	6.92	79	430166	42.56	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1135133	39.87	ng	92
17) 2-Methylphenol	7.03	107	436465	41.46	ng	96
18) Hexachloroethane	7.29	117	202664	41.84	ng	# 83
19) n-Nitroso-di-n-propylamine	7.20	70	364287	40.59	ng	90
20) 3+4-Methylphenols	7.19	107	484923	40.39	ng	96
22) Acetophenone	7.19	105	632128	39.99	ng	# 91
24) Nitrobenzene	7.36	77	550711	45.27	ng	94
25) Isophorone	7.60	82	1005607	40.30	ng	98
26) 2-Nitrophenol	7.67	139	282519	50.16	ng	# 90
27) 2,4-Dimethylphenol	7.72	122	452985	40.18	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	675901	39.99	ng	100
29) 2,4-Dichlorophenol	7.92	162	411376	42.78	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	393168	41.20	ng	99
31) Naphthalene	8.08	128	1467913	40.05	ng	99
32) Benzoic acid	7.84	122	331827	42.77	ng	95
33) 4-Chloroaniline	8.13	127	620431	40.89	ng	97
34) Hexachlorobutadiene	8.20	225	198478	41.92	ng	99
35) Caprolactam	8.50	113	145548	43.80	ng	# 62
36) 4-Chloro-3-methylphenol	8.61	107	436155	41.69	ng	90
37) 2-Methylnaphthalene	8.77	142	955768	40.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	327438	41.39	ng	99
40) Hexachlorocyclopentadiene	8.93	237	169971	47.92	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

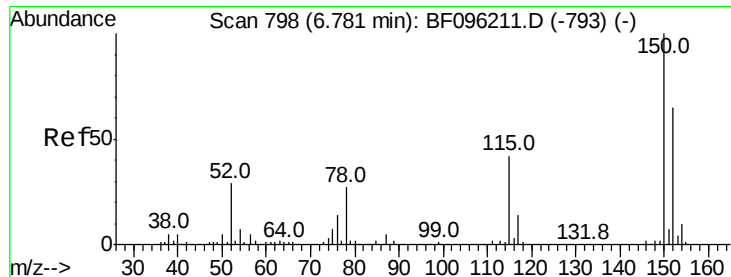
Manual Integrations
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Quant Time: Jun 30 17:47:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	254424	42.66	nq	97
43) 2,4,5-Trichlorophenol	9.09	196	277446	44.14	nq	98
45) 1,1'-Biphenyl	9.23	154	1031172	41.12	nq	97
46) 2-Chloronaphthalene	9.26	162	824023	39.61	nq	# 93
47) 2-Nitroaniline	9.35	65	322512	49.09	nq	95
48) Acenaphthylene	9.67	152	1385367	40.14	nq	99
49) Dimethylphthalate	9.54	163	945546	40.42	nq	100
50) 2,6-Dinitrotoluene	9.59	165	226958	46.65	nq	# 78
51) Acenaphthene	9.85	154	835496	41.13	nq	99
52) 3-Nitroaniline	9.76	138	286316	45.95	nq	89
53) 2,4-Dinitrophenol	9.86	184	112257	60.50	nq	# 71
54) Dibenzofuran	10.02	168	1082786	40.82	nq	99
55) 4-Nitrophenol	9.92	139	225834	44.82	nq	# 64
56) 2,4-Dinitrotoluene	10.00	165	294126	47.96	nq	# 87
57) Fluorene	10.36	166	789639	44.13	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	192719	43.88	nq	99
59) Diethylphthalate	10.23	149	917911	39.08	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	331522	43.74	nq	94
61) 4-Nitroaniline	10.37	138	248661	45.87	nq	89
62) Azobenzene	10.51	77	925529	39.08	nq	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	149734	52.24	nq	91
65) n-Nitrosodiphenylamine	10.47	169	757657	39.26	nq	98
66) 4-Bromophenyl-phenylether	10.84	248	228741	41.43	nq	98
67) Hexachlorobenzene	10.91	284	253471	44.66	nq	# 92
68) Atrazine	11.00	200	208275	40.91	nq	95
69) Pentachlorophenol	11.10	266	158886	49.04	nq	99
70) Phenanthrene	11.32	178	1177299	43.50	nq	100
71) Anthracene	11.37	178	1212916	40.45	nq	100
72) Carbazole	11.52	167	1268355	38.32	nq	99
73) Di-n-butylphthalate	11.86	149	1384493	39.61	nq	99
74) Fluoranthene	12.50	202	1153835	38.71	nq	98
76) Benzidine	12.62	184	490202	35.30	nq	# 93
77) Pyrene	12.73	202	1187138	39.00	nq	99
79) Butylbenzylphthalate	13.35	149	556235	39.88	nq	# 80
80) Benzo(a)anthracene	13.92	228	826867	36.62	nq	98
81) 3,3'-Dichlorobenzidine	13.87	252	337521	39.26	nq	# 95
82) Chrysene	13.95	228	853136	36.54	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	566917	37.40	nq	# 99
84) Di-n-octyl phthalate	14.52	149	1073799	34.39	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.75	276	770174	39.73	nq	99
87) Benzo(b)fluoranthene	14.94	252	800200m	38.27	nq	
88) Benzo(k)fluoranthene	14.97	252	708390m	37.11	nq	
89) Benzo(a)pyrene	15.29	252	710243	38.46	nq	98
90) Dibenzo(a,h)anthracene	16.77	278	644138	44.55	nq	100
91) Benzo(g,h,i)perylene	17.17	276	690884	45.97	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 178239

Ion Ratio Lower Upper

152 100

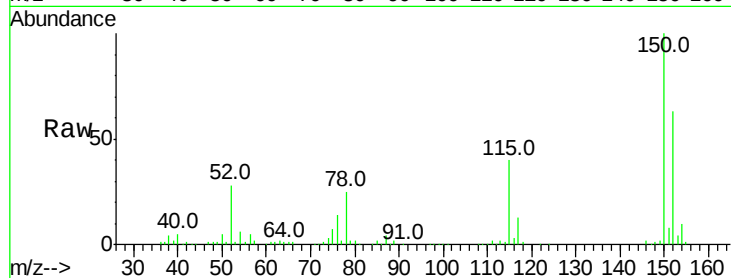
150 158.9 126.2 189.2

115 63.6 52.2 78.2

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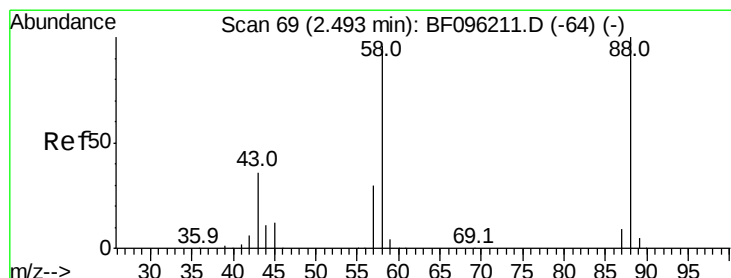
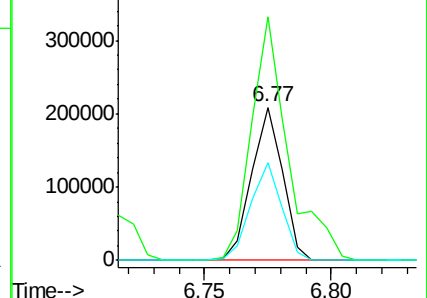
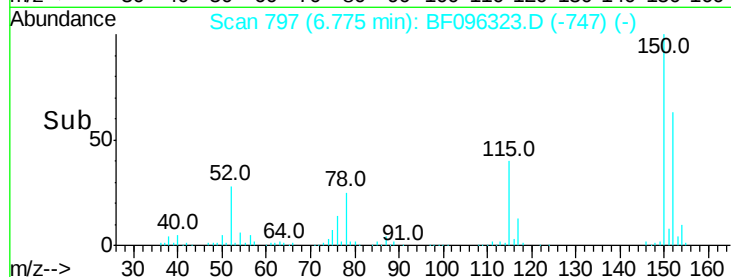
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.04 ng

RT: 2.48 min Scan# 67

Delta R.T. -0.02 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

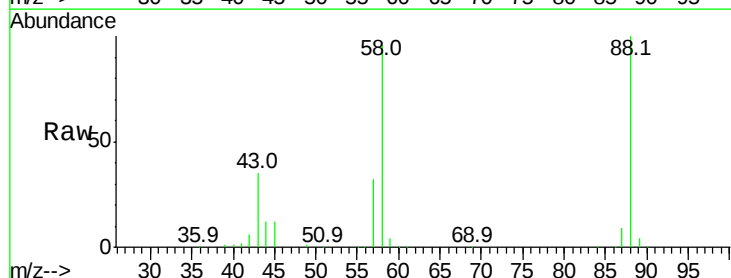
Tgt Ion: 88 Resp: 242181

Ion Ratio Lower Upper

88 100

58 96.7 61.4 92.0#

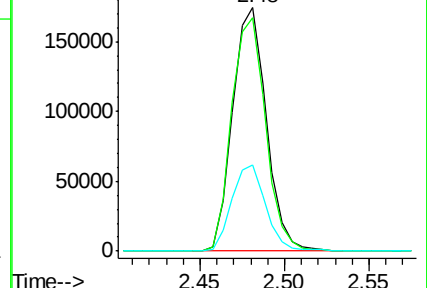
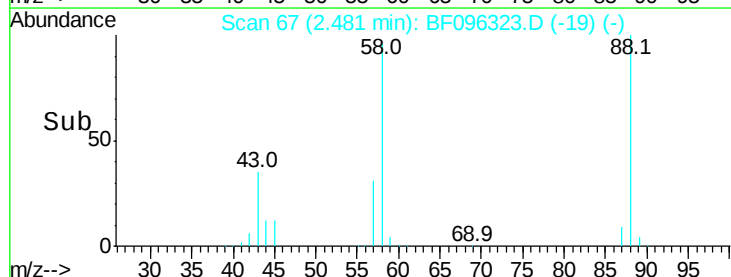
43 35.9 23.4 35.0#

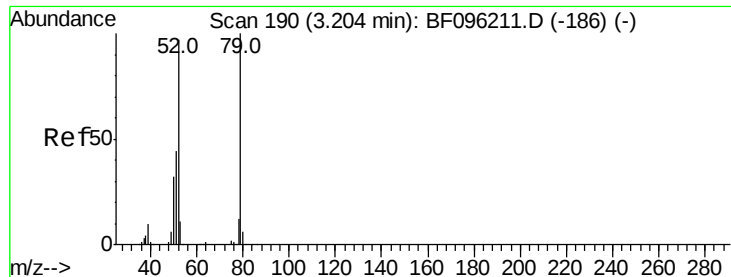


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.42 ng

RT: 3.20 min Scan# 189

Delta R.T. -0.04 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 686519

Ion Ratio Lower Upper

79 100

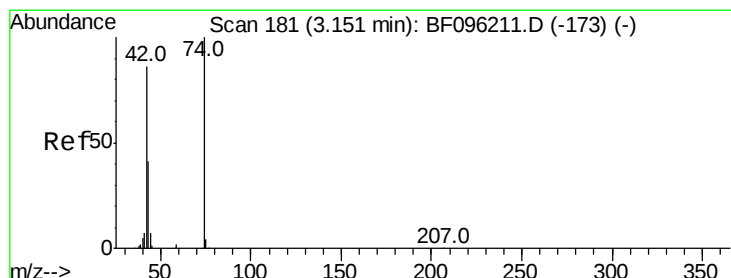
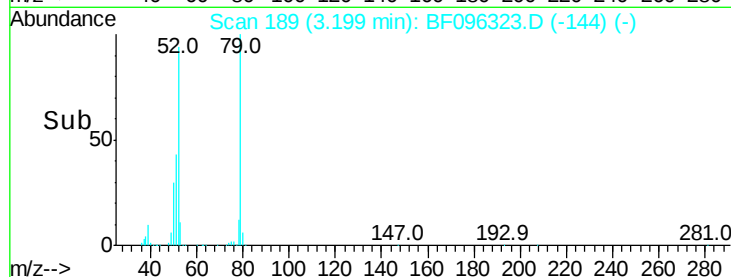
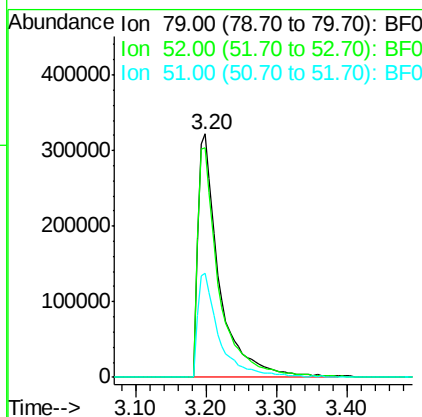
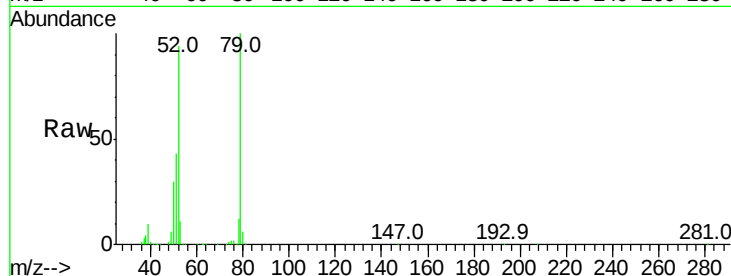
52 94.1 54.8 82.2#

51 42.8 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 41.39 ng

RT: 3.14 min Scan# 179

Delta R.T. -0.00 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

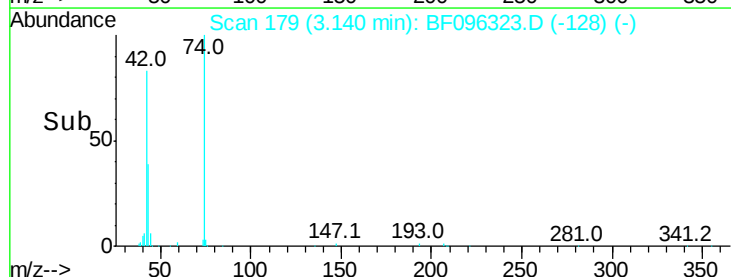
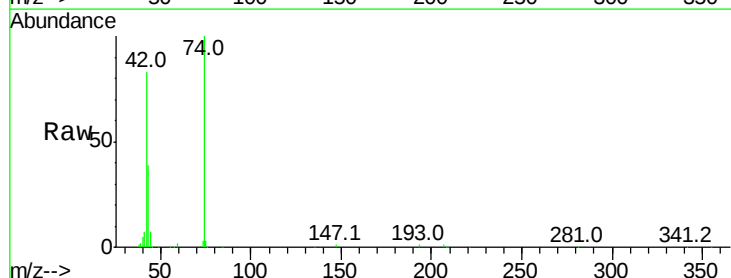
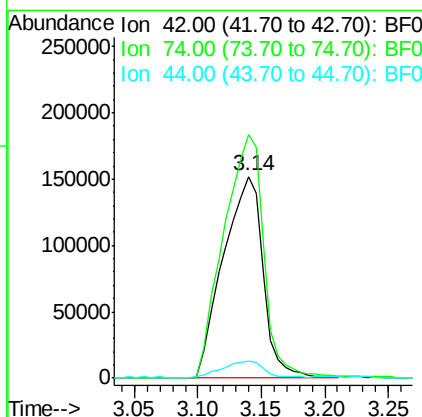
Tgt Ion: 42 Resp: 331382

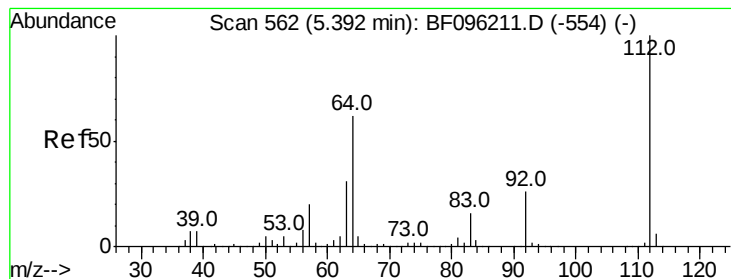
Ion Ratio Lower Upper

42 100

74 120.7 103.9 155.9

44 8.2 5.7 8.5





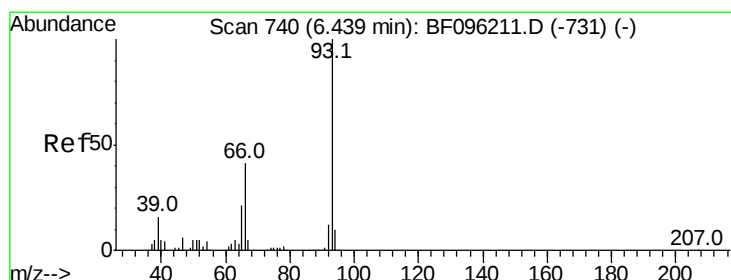
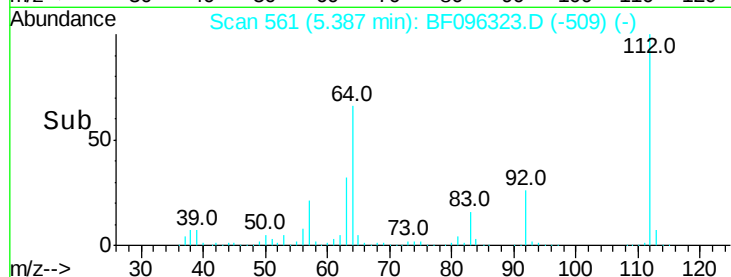
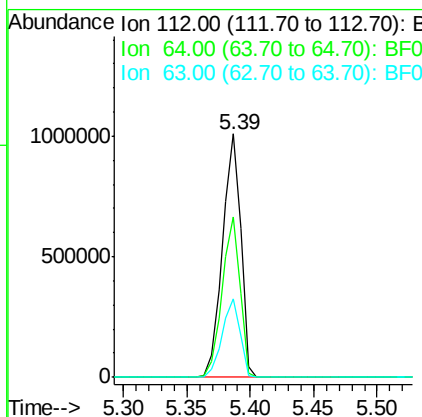
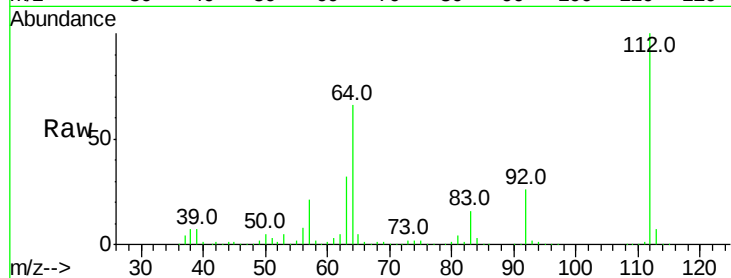
#5
2-Fluorophenol
Concen: 81.98 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:112 Resp: 1014188
Ion Ratio Lower Upper
112 100
64 65.7 46.0 69.0
63 32.2 23.4 35.0

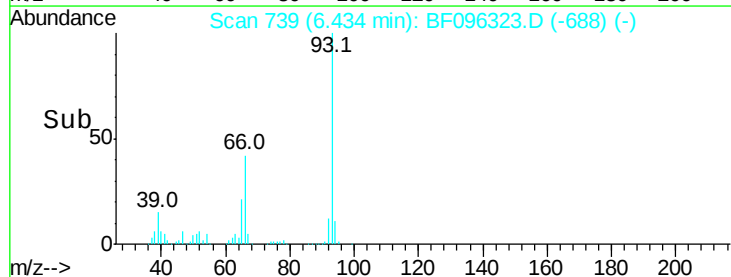
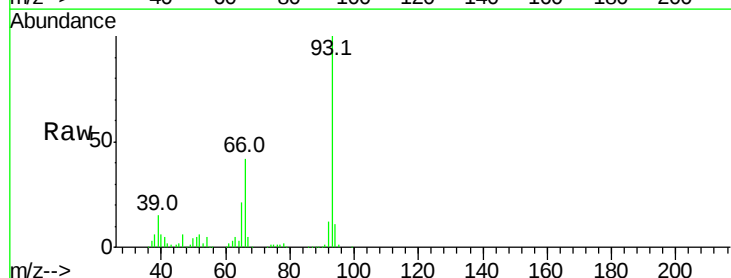
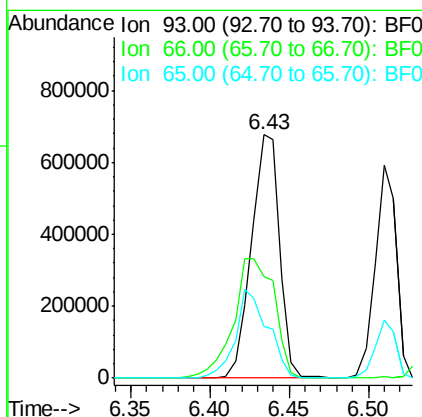
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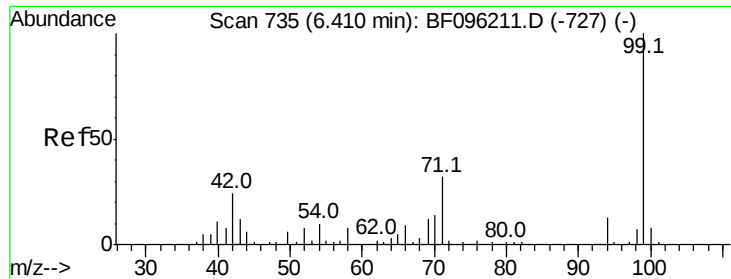
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#6
Aniline
Concen: 40.63 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion: 93 Resp: 839241
Ion Ratio Lower Upper
93 100
66 41.9 32.9 49.3
65 21.3 16.0 24.0





#7

Phenol-d6

Concen: 83.68 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1253557

Ion Ratio Lower Upper

99 100

42 22.0 13.5 20.3#

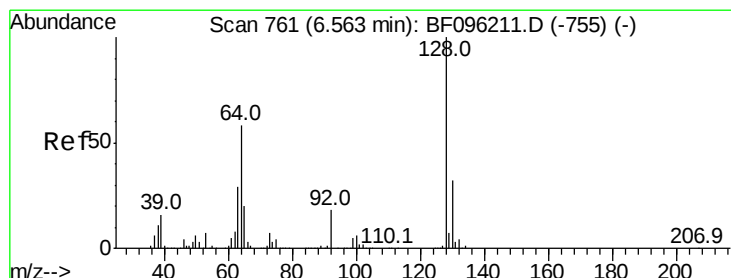
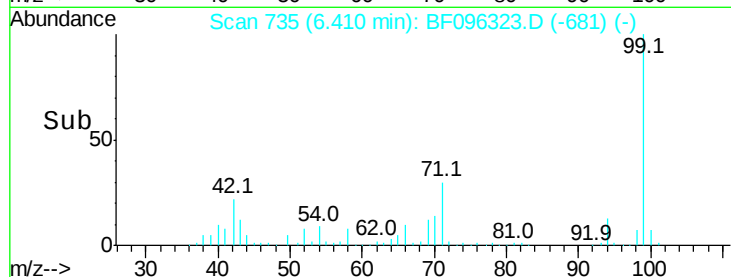
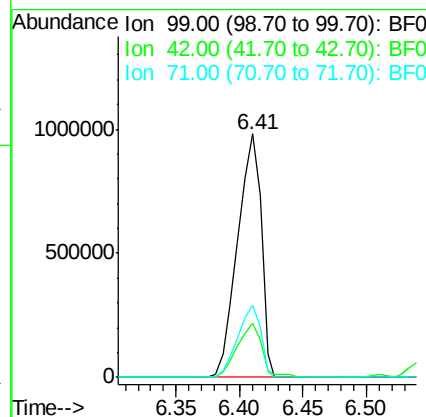
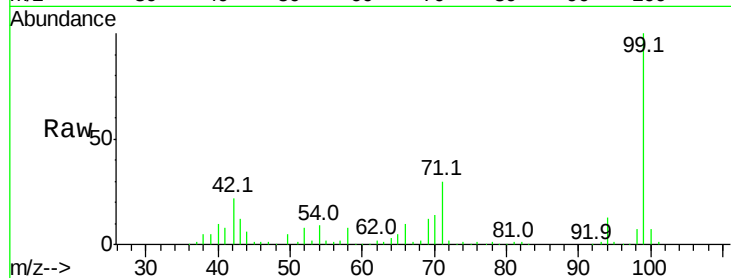
71 29.8 24.5 36.7

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#8

2-Chlorophenol

Concen: 41.96 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

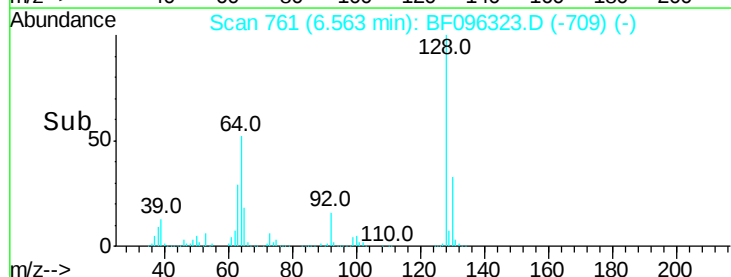
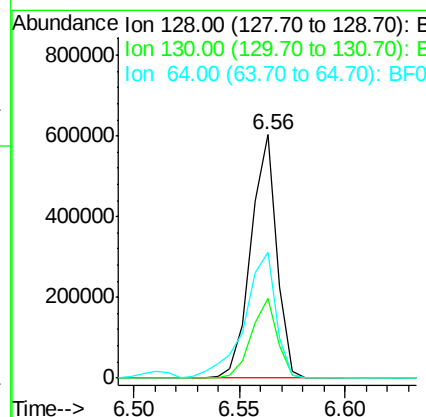
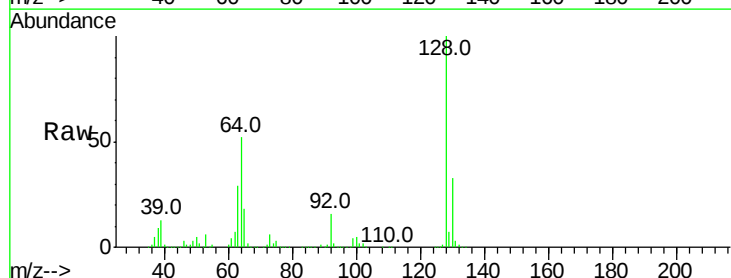
Tgt Ion: 128 Resp: 509385

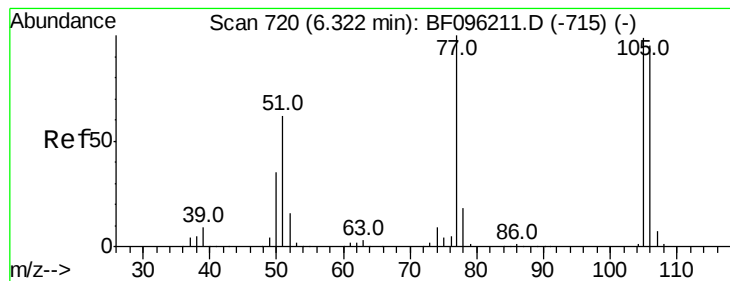
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 51.8 28.4 68.4





#9

Benzaldehyde

Concen: 42.02 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

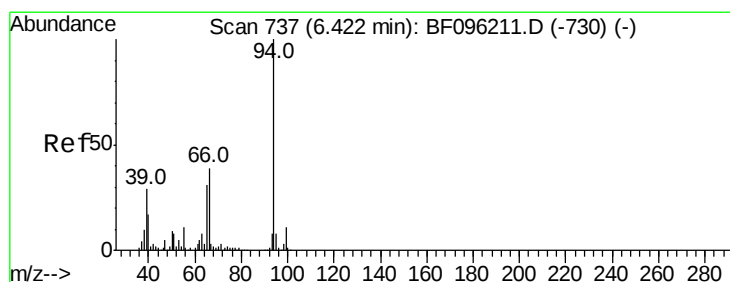
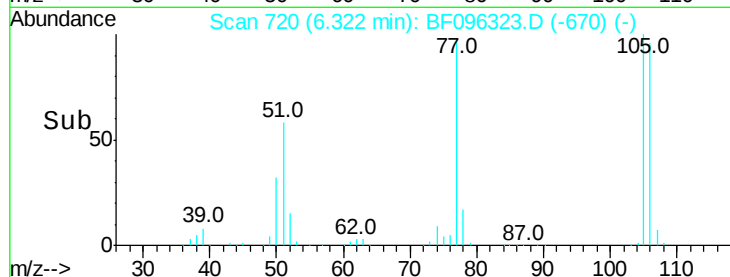
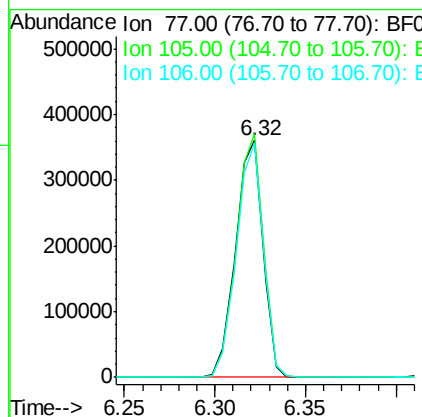
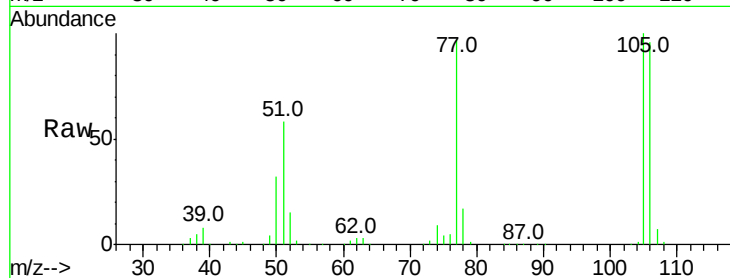
ClientSampleID :

SSTDCCC040

Tot Ion:	77	Resp:	376888
Ion Ratio	Lower	Upper	
77	100		
105	102.8	83.8	123.8
106	98.9	79.1	119.1

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#10

Phenol

Concen: 41.13 ng

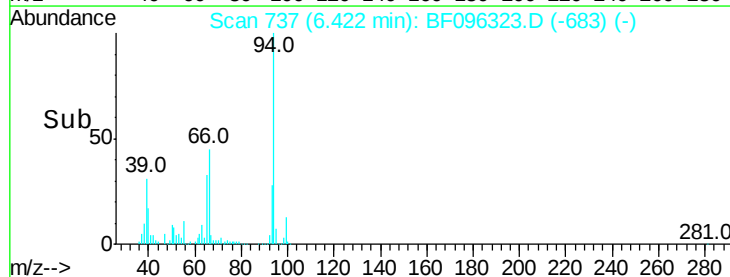
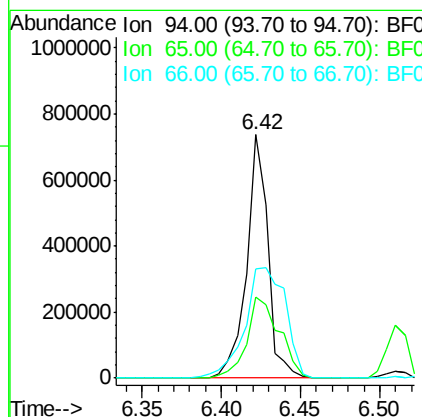
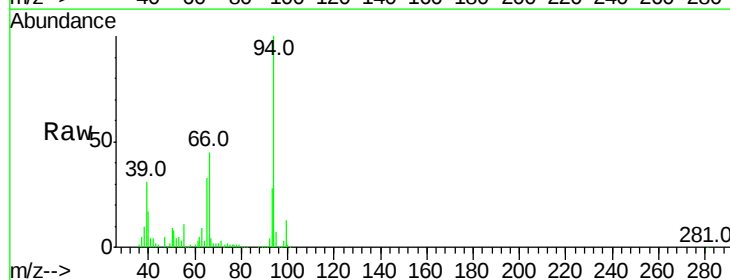
RT: 6.42 min Scan# 737

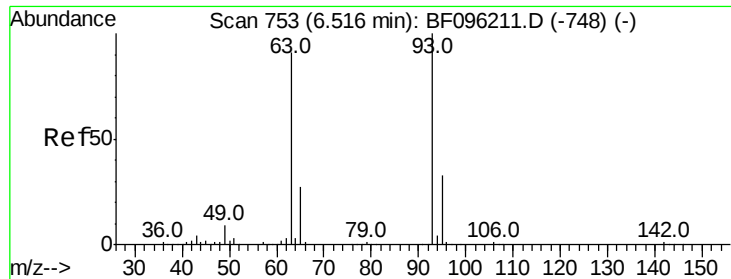
Delta R.T. 0.02 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Tgt Ion:	94	Resp:	677399
Ion Ratio	Lower	Upper	
94	100		
65	33.5	9.9	49.9
66	45.1	23.1	63.1





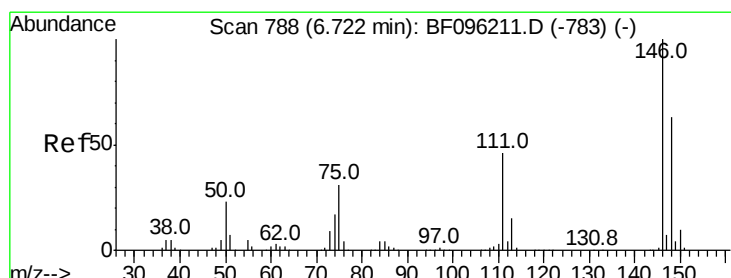
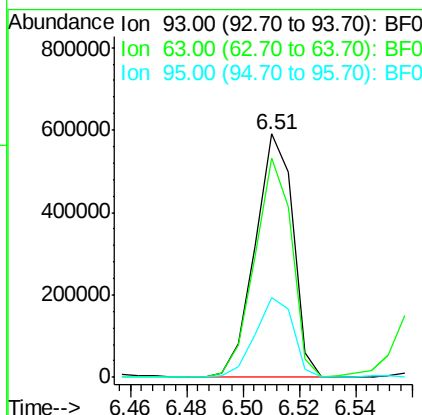
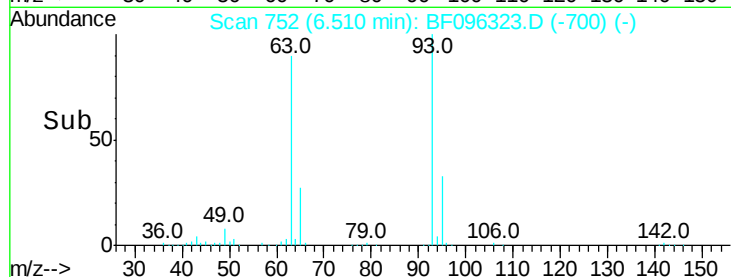
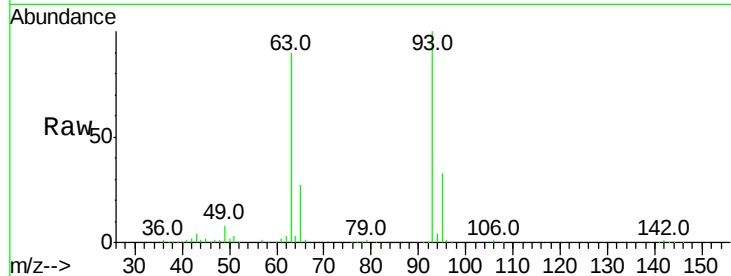
#11
bis(2-Chloroethyl)ether
Concen: 40.83 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	59.2	99.2
95	33.0	12.8	52.8

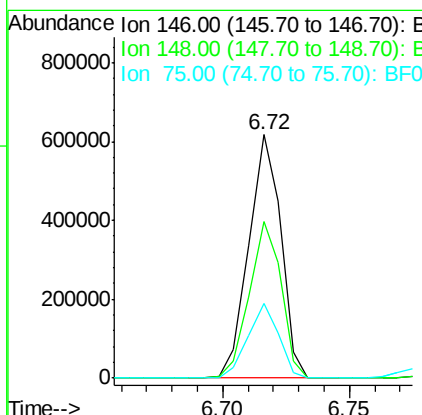
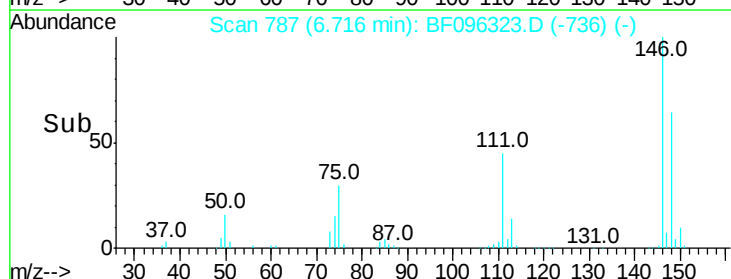
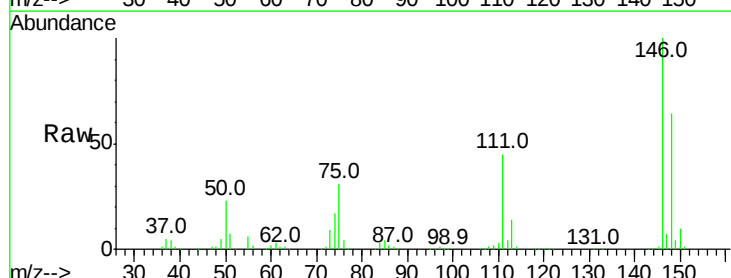
Manual Integrations
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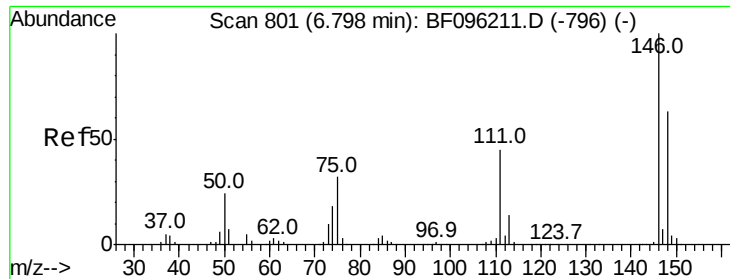
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.81 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
75	30.6	23.1	34.7





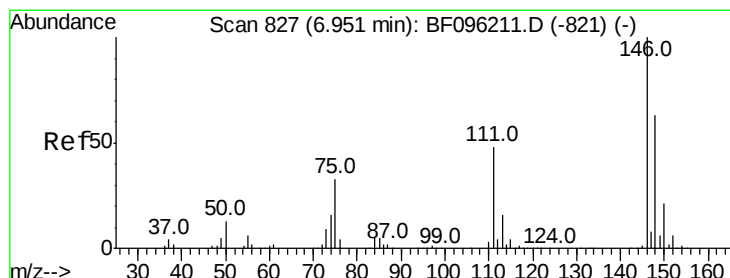
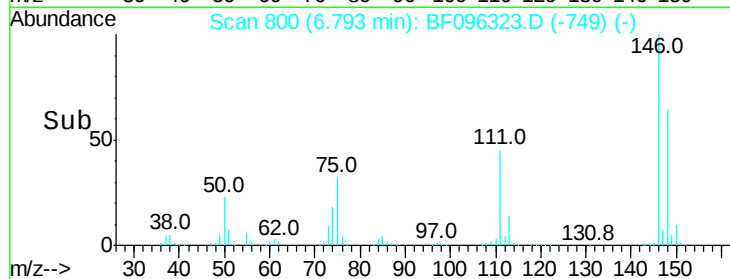
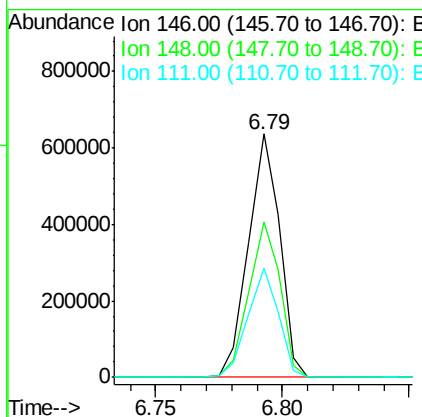
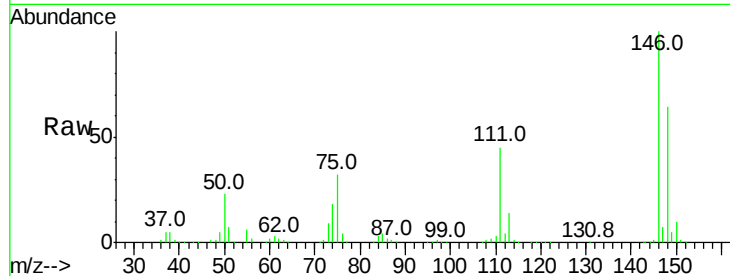
#13
 1,4-Dichlorobenzene
 Concen: 40.77 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	44.9	30.3	45.5

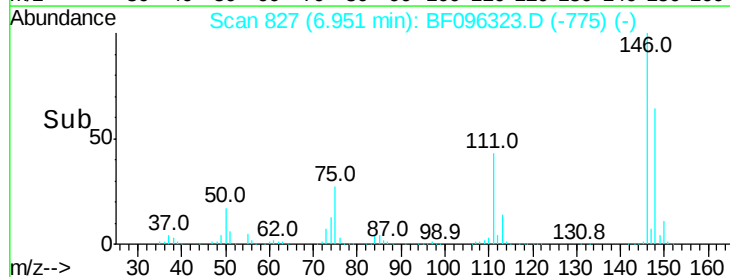
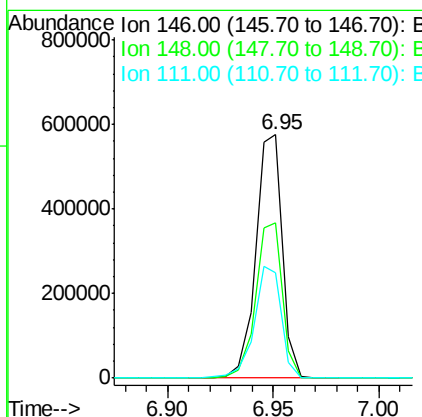
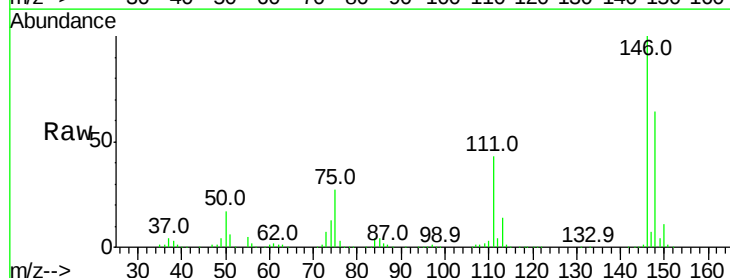
Manual Integrations
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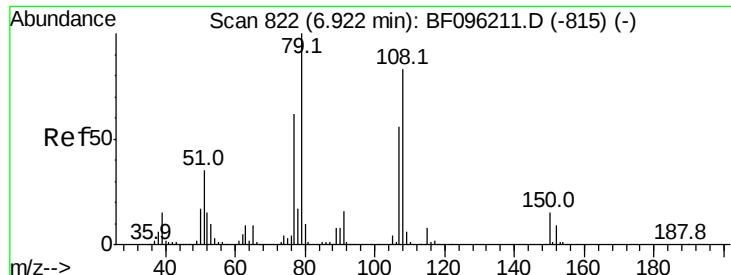
mohammad
 7/3/2017 11:36:38 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.14 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	43.1	38.2	57.4





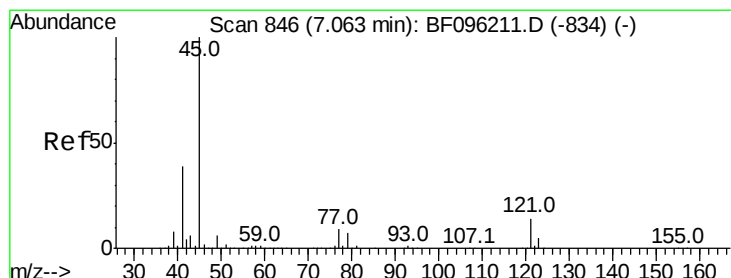
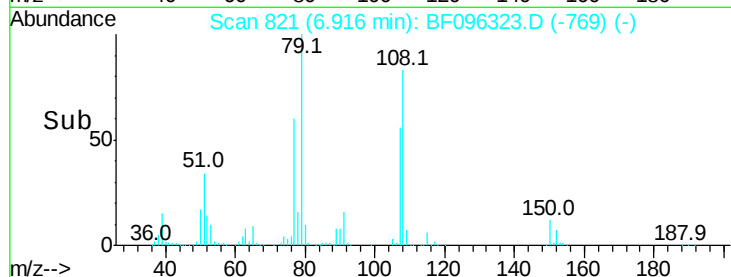
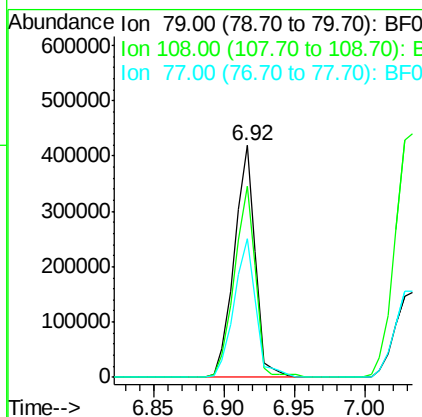
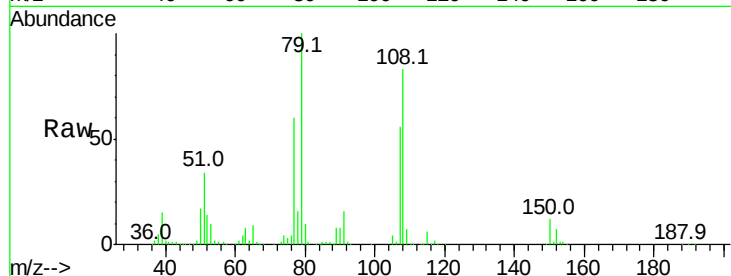
#15
Benzyl Alcohol
Concen: 42.56 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	63.4	95.0
77	59.6	49.2	73.8

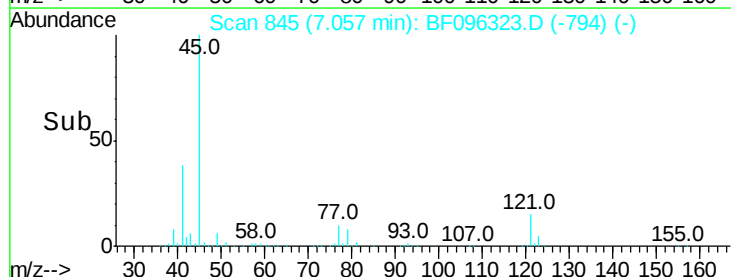
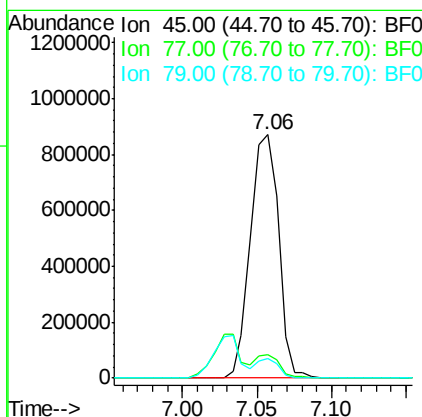
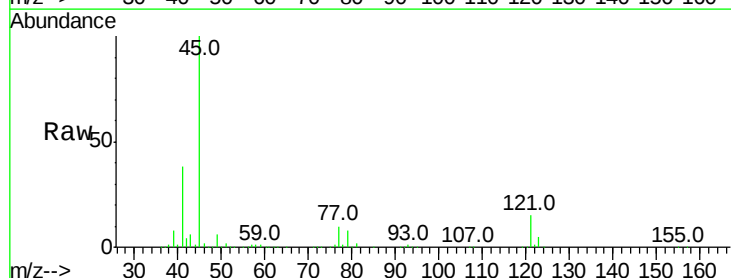
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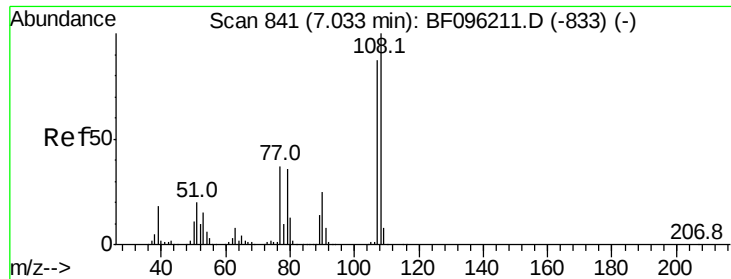
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.87 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.6	0.0	33.2
79	7.9	0.0	30.0





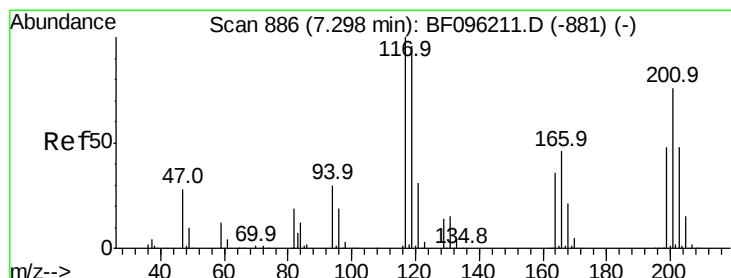
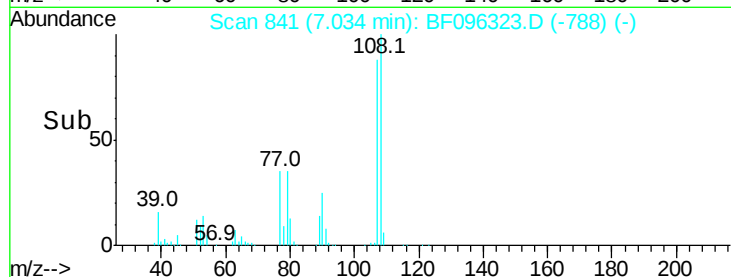
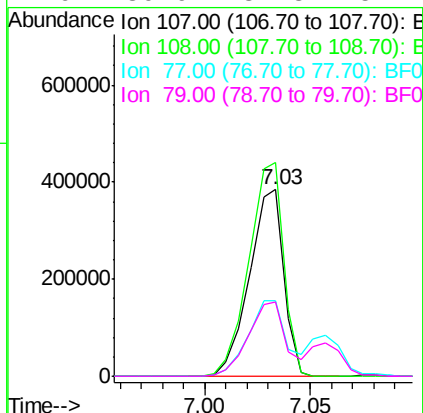
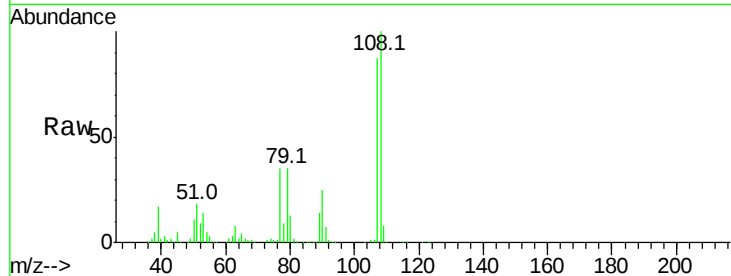
#17
2-Methylphenol
Concen: 41.46 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	93.4	140.0	
77	40.6	35.8	53.6	
79	39.9	34.8	52.2	

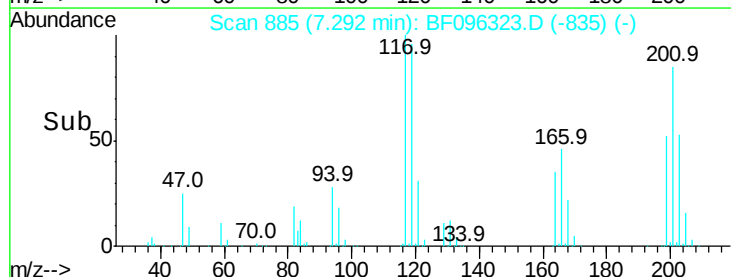
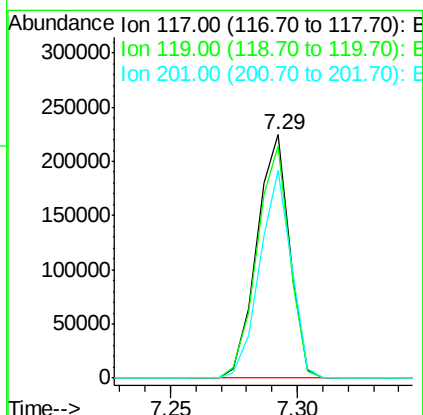
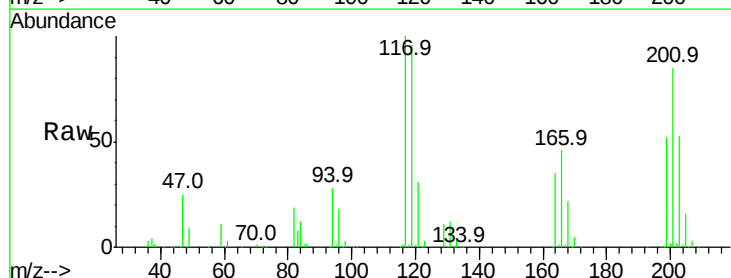
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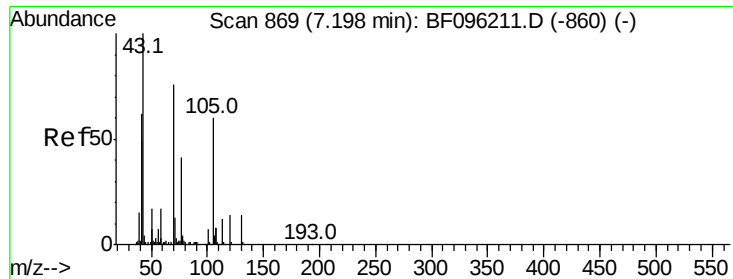
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#18
Hexachloroethane
Concen: 41.84 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	77.4	116.0	
201	85.3	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 40.59 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.02 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

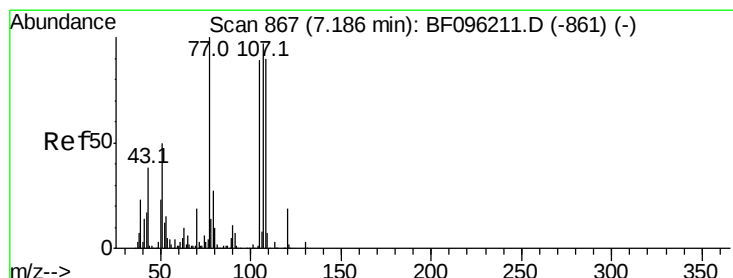
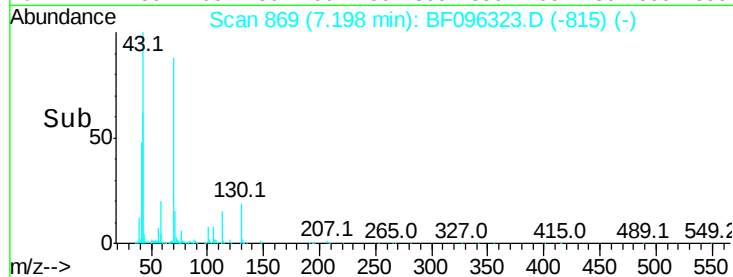
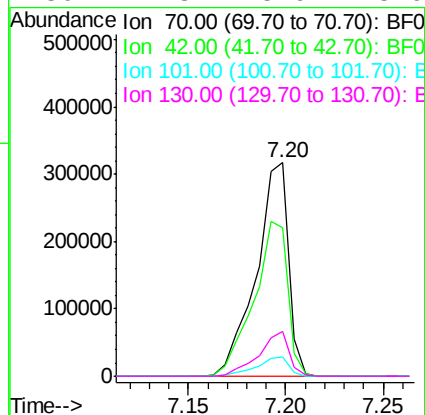
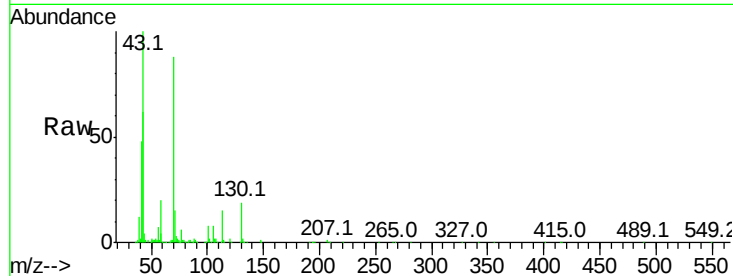
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.8	47.2	70.8
101	9.0	7.2	10.8
130	21.3	15.9	23.9

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#20

3+4-Methylphenols

Concen: 40.39 ng

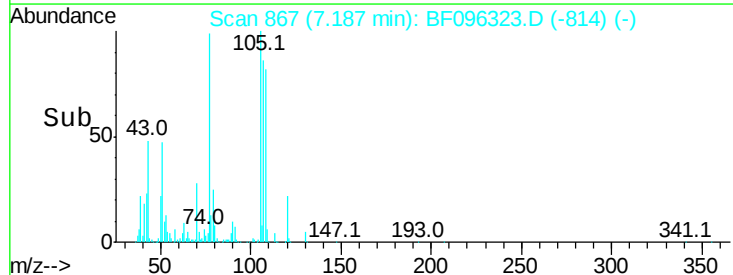
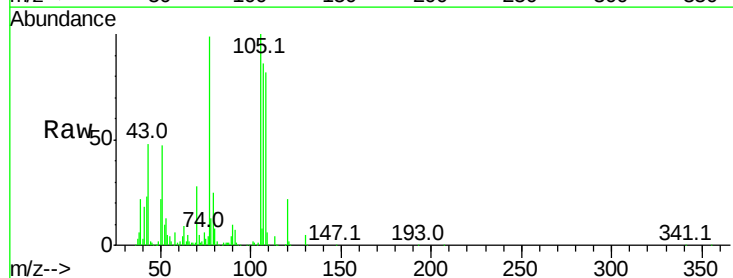
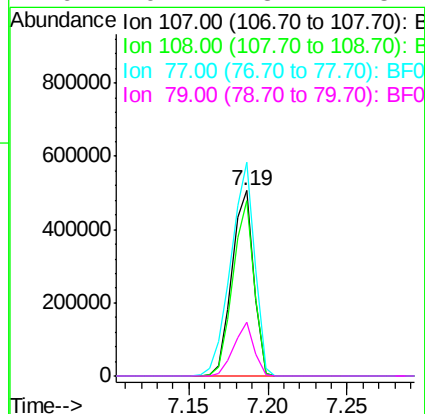
RT: 7.19 min Scan# 867

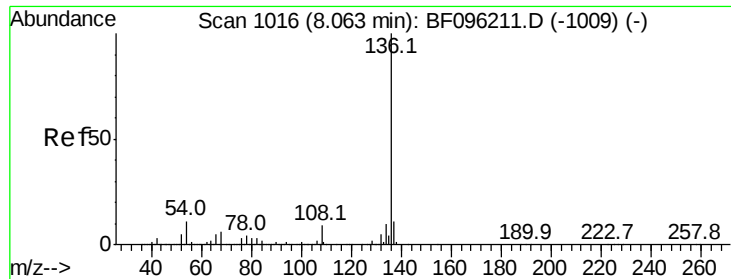
Delta R.T. 0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	71.0	111.0
77	115.3	90.5	130.5
79	29.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

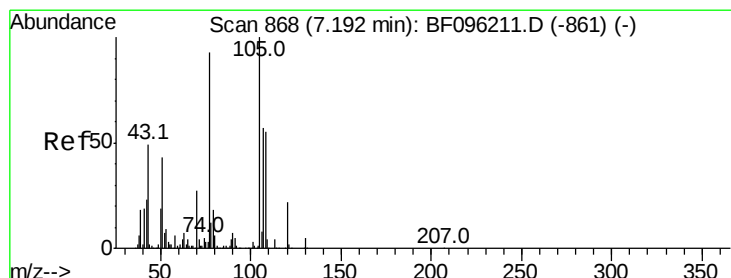
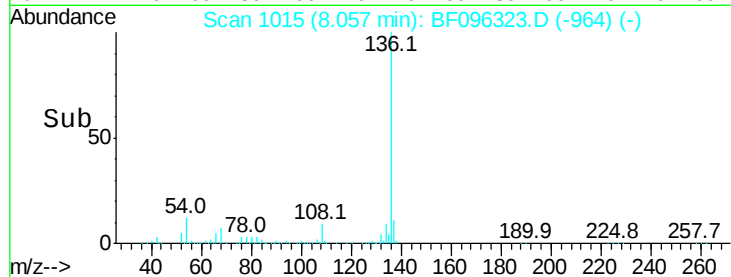
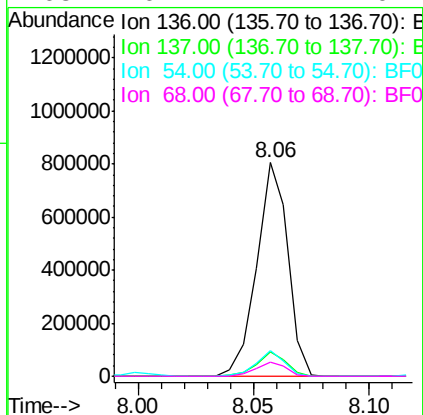
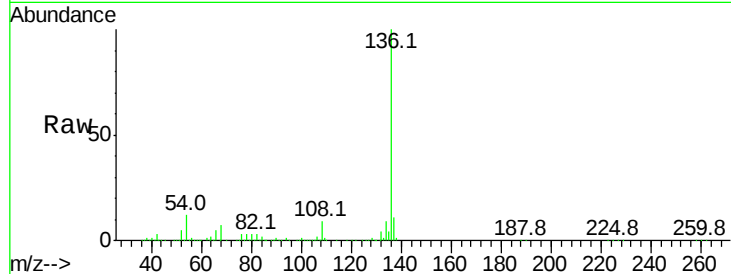
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.8	4.9	7.3#
68	6.7	4.1	6.1#

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#22

Acetophenone

Concen: 39.99 ng

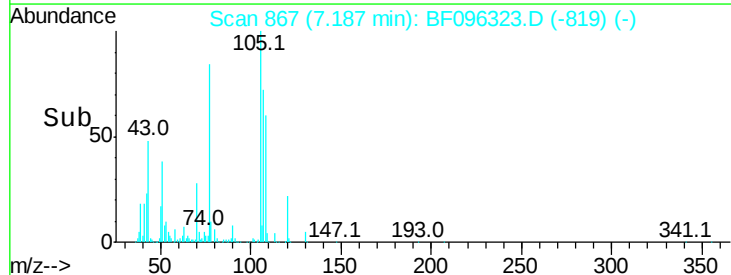
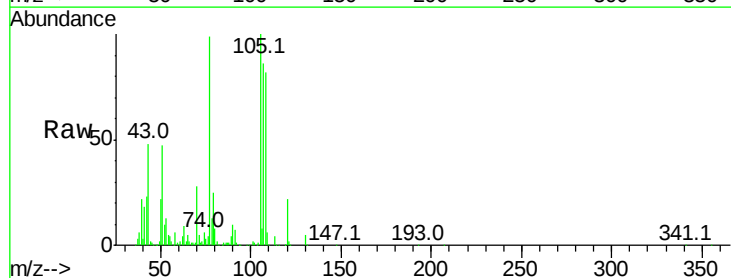
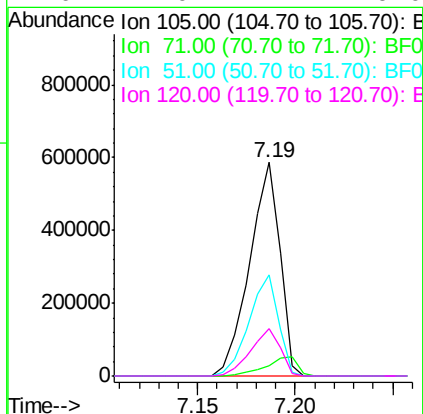
RT: 7.19 min Scan# 867

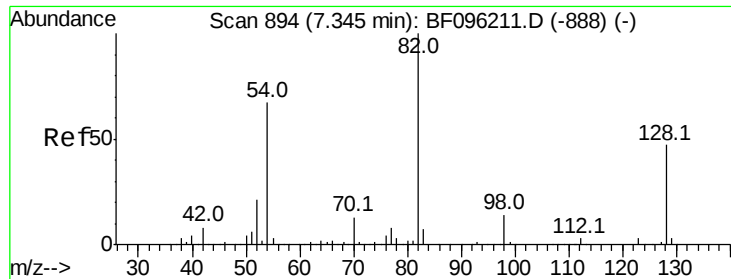
Delta R.T. -0.02 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.8	2.8	4.2#
51	47.3	30.7	46.1#
120	22.0	17.4	26.0





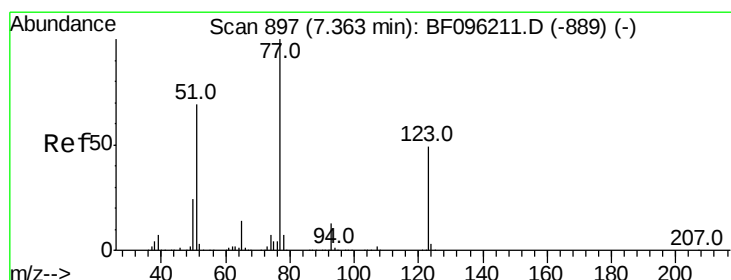
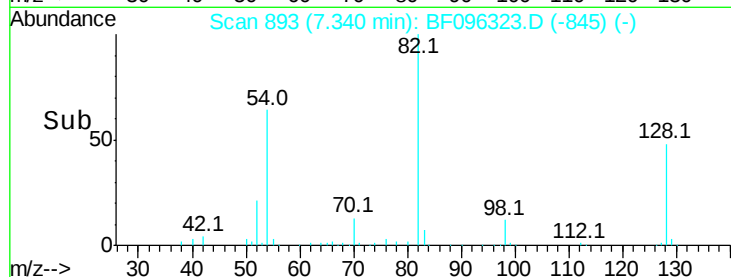
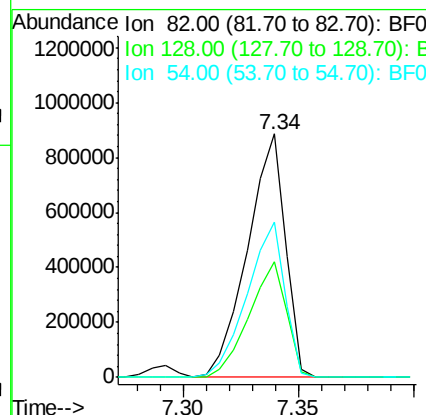
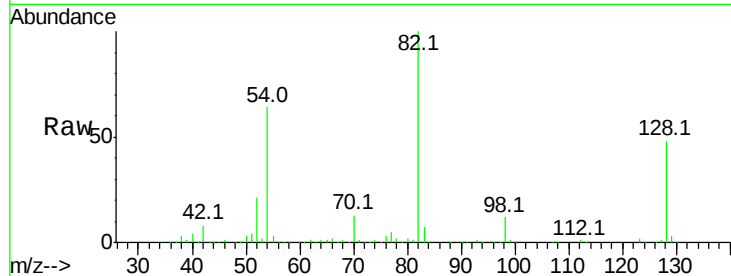
#23
Nitrobenzene-d5
Concen: 92.30 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	63.6	42.2	63.2

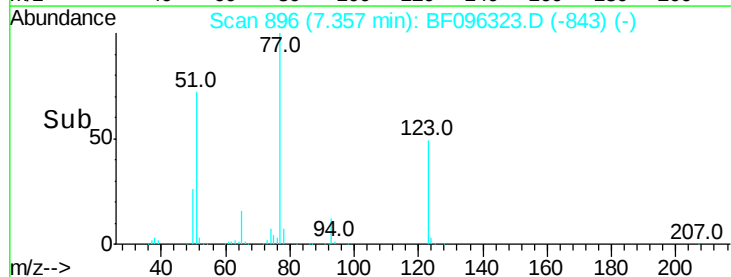
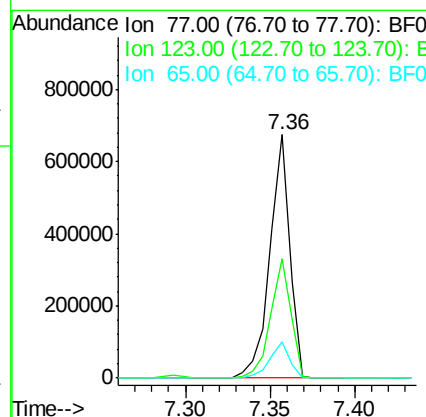
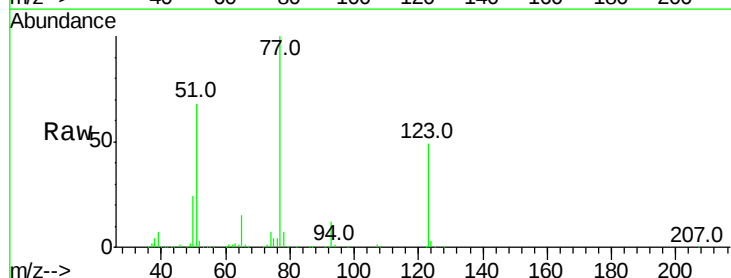
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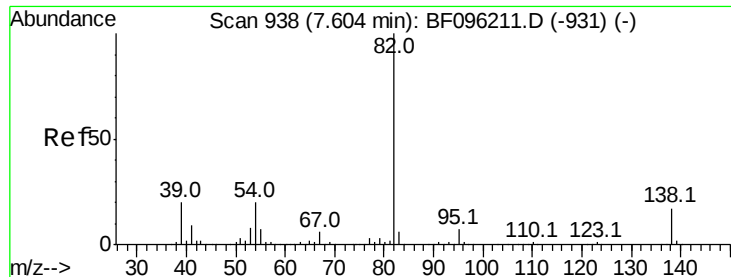
mohammad
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#24
Nitrobenzene
Concen: 45.27 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	35.8	53.8
65	15.0	10.6	15.8





#25

Isophorone

Concen: 40.30 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1005607

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

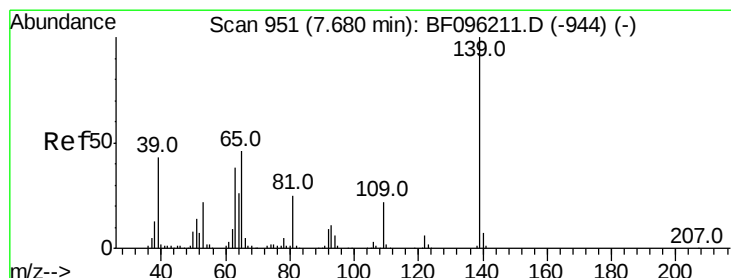
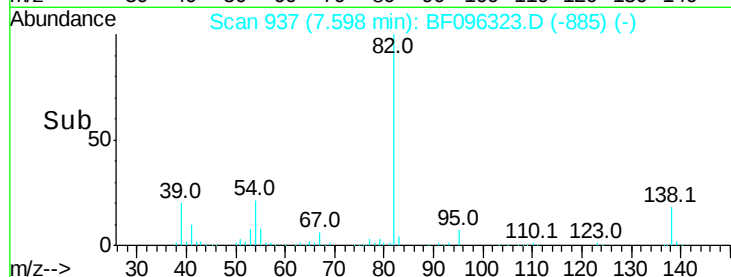
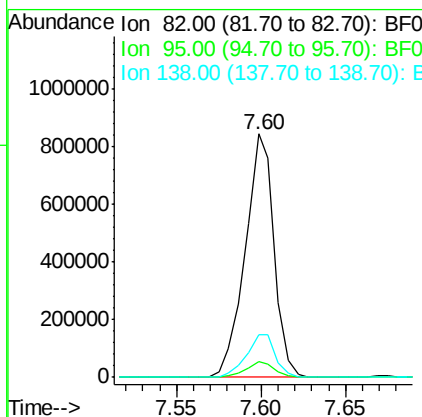
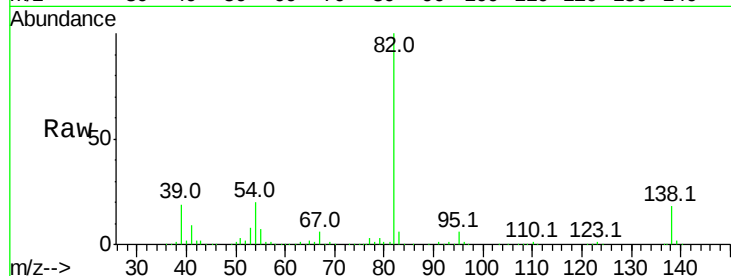
138 17.5 13.1 19.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 50.16 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

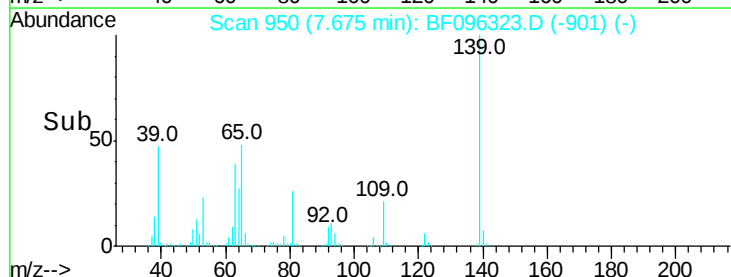
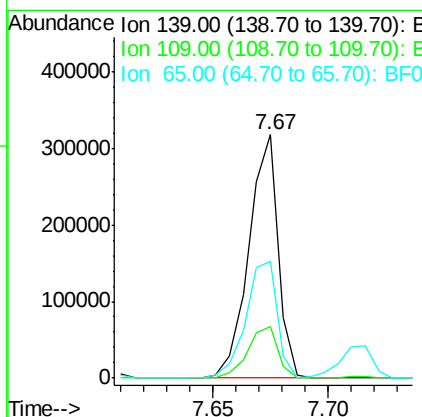
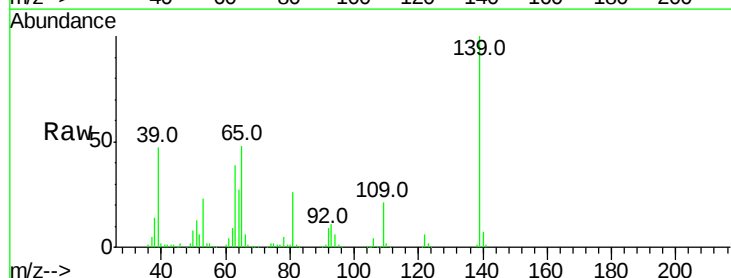
Tgt Ion: 139 Resp: 282519

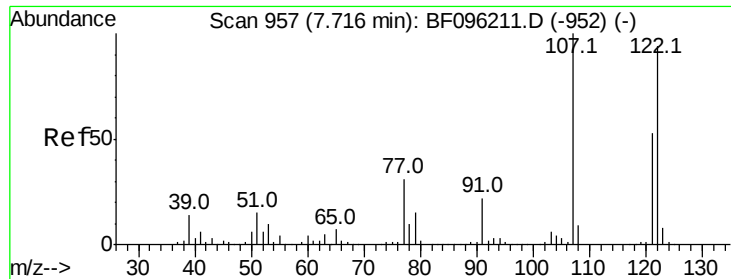
Ion Ratio Lower Upper

139 100

109 21.0 21.0 31.6#

65 47.8 33.0 49.6





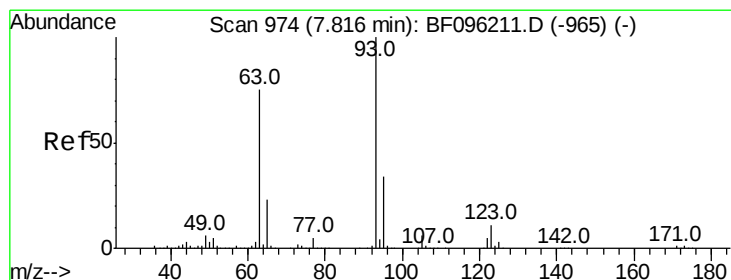
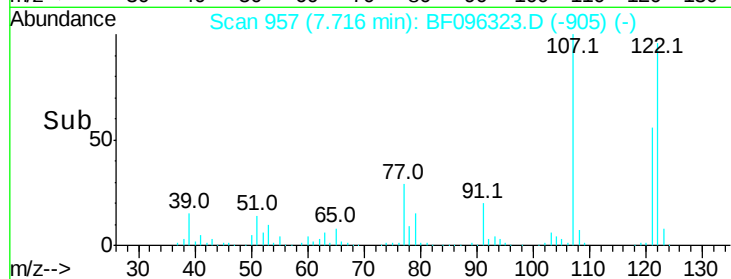
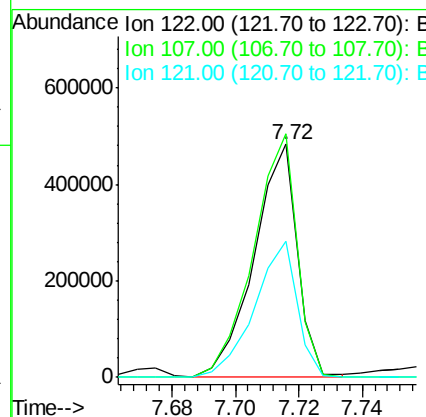
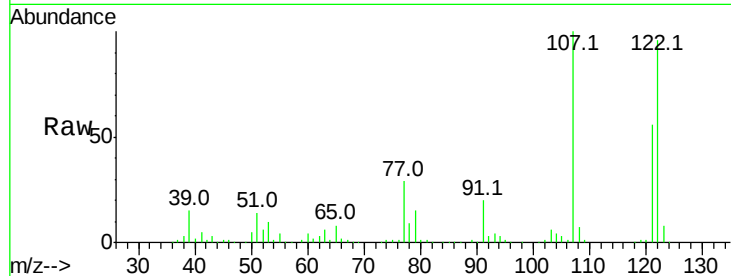
#27
 2,4-Dimethylphenol
 Concen: 40.18 ng
 RT: 7.72 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	452985		
107	104.4	89.2	133.8	
121	58.2	45.2	67.8	

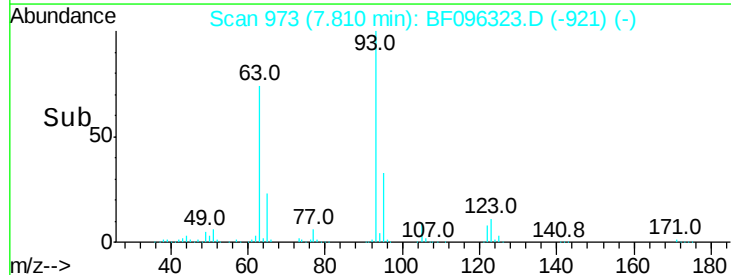
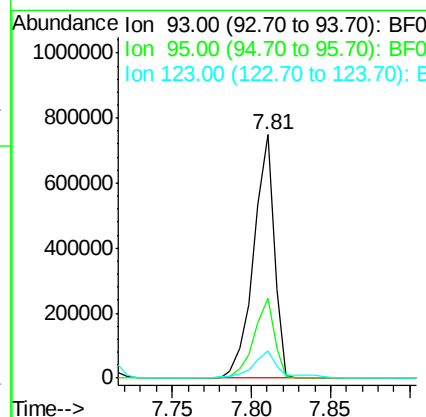
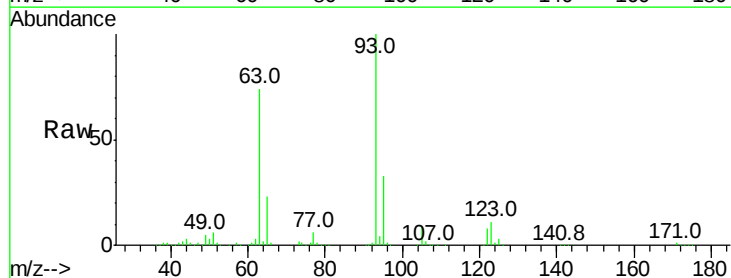
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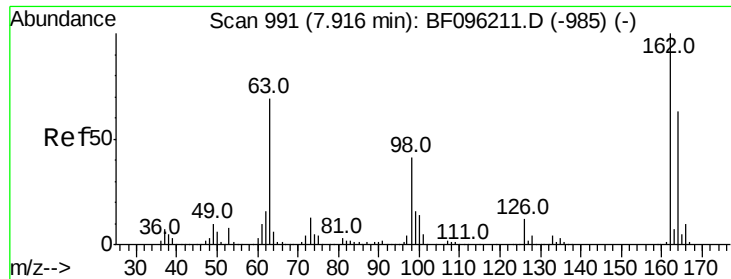
mohammad
 7/3/2017 11:36:38 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.99 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	675901		
95	32.8	26.5	39.7	
123	11.3	9.0	13.4	





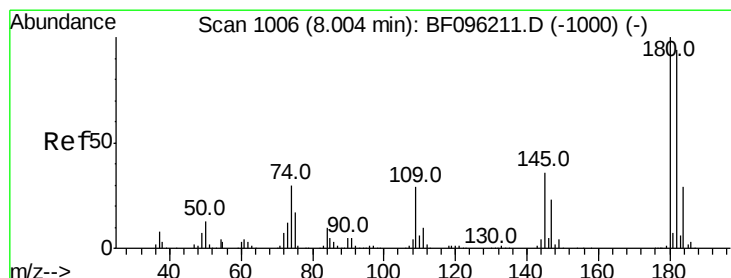
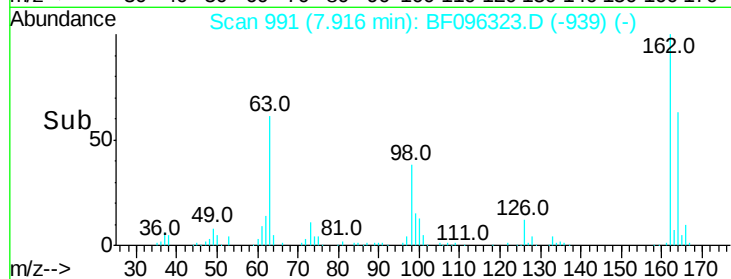
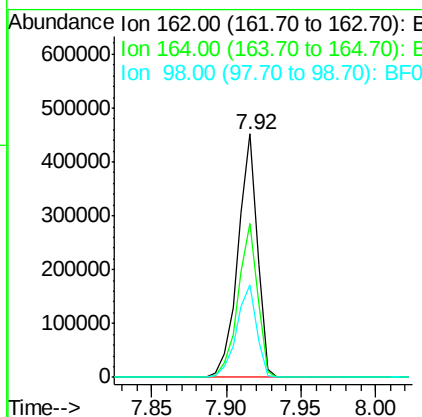
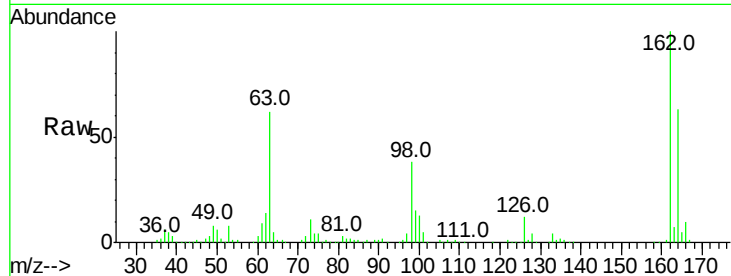
#29
 2,4-Dichlorophenol
 Concen: 42.78 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	44.6	84.6
98	38.2	14.8	54.8

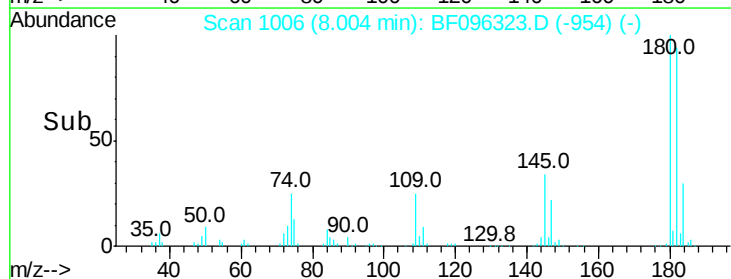
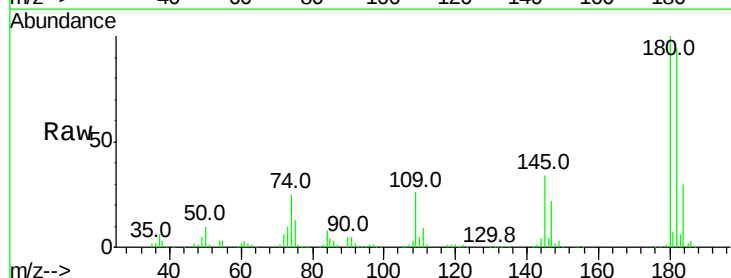
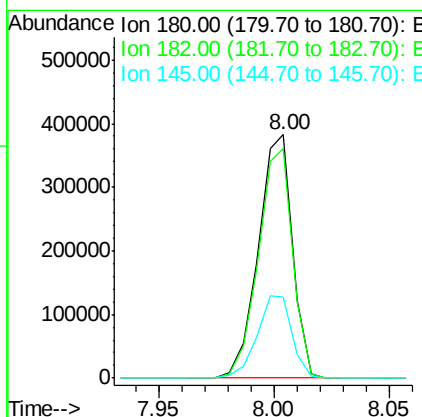
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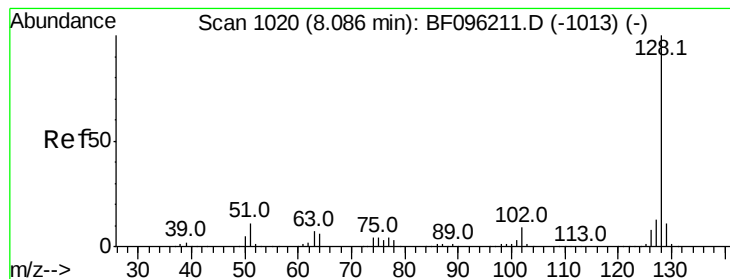
mohammad
 7/3/2017 11:36:38 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.20 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.0	75.8	113.6
145	33.5	25.3	37.9





#31

Naphthalene

Concen: 40.05 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1467913

Ion Ratio Lower Upper

128 100

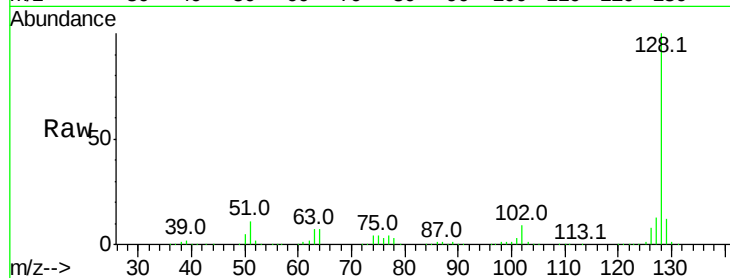
129 11.7 9.0 13.6

127 13.3 10.8 16.2

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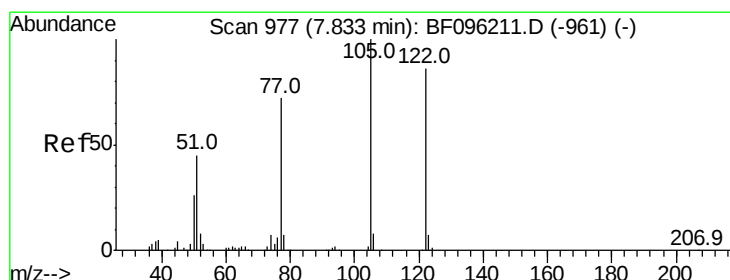
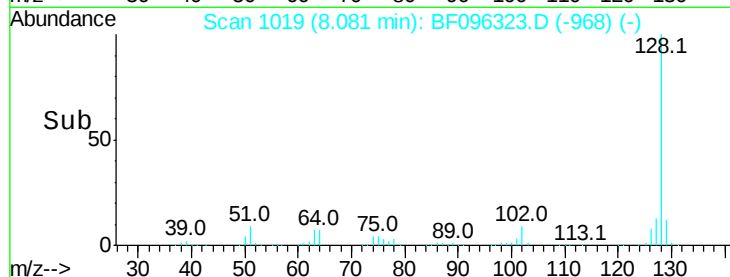
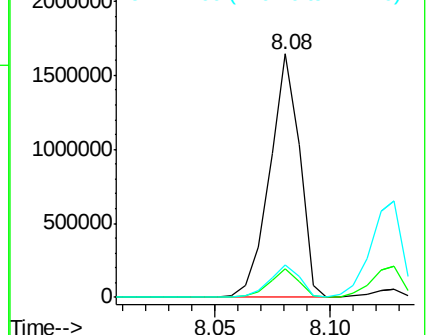
7/3/2017 11:36:38 AM



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: 42.77 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.05 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

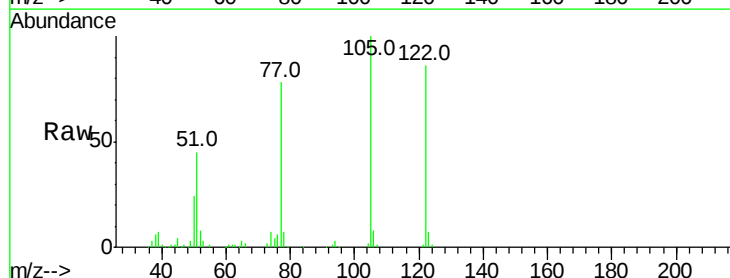
Tgt Ion:122 Resp: 331827

Ion Ratio Lower Upper

122 100

105 116.3 103.3 143.3

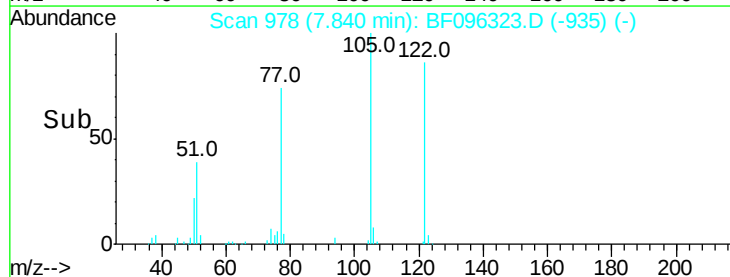
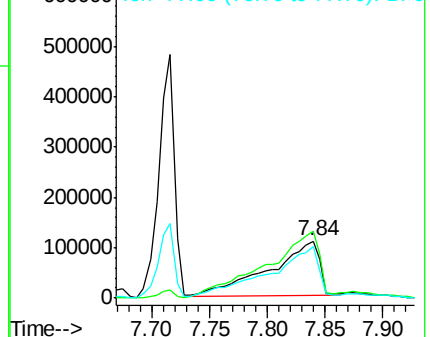
77 90.6 73.7 113.7

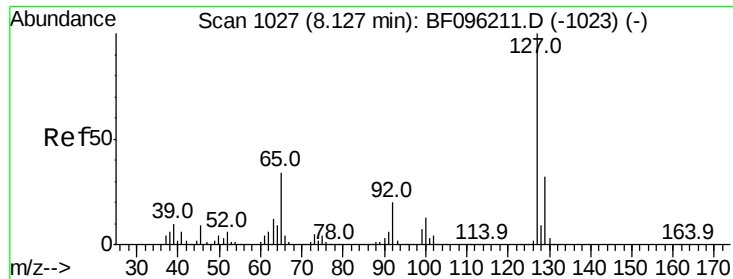


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





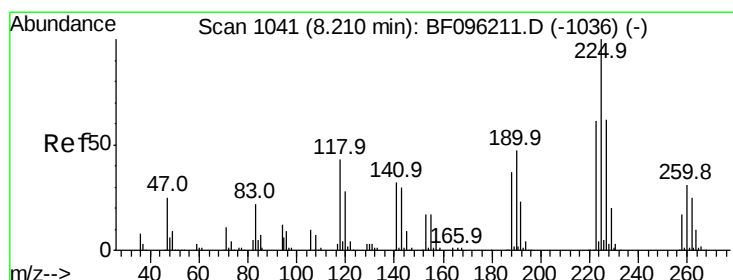
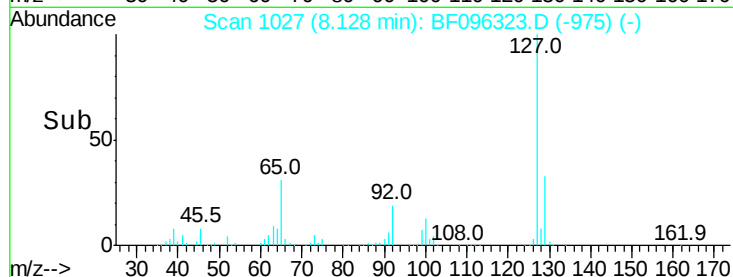
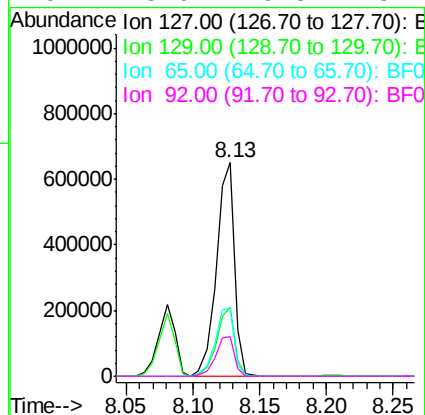
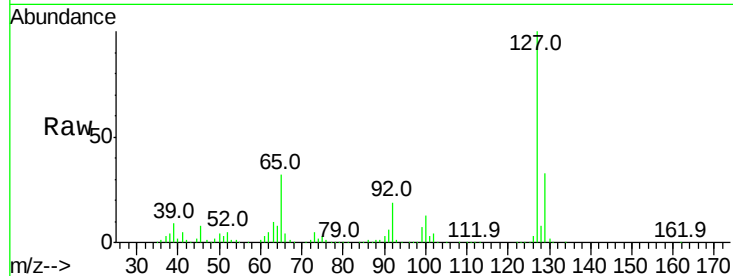
#33
4-Chloroaniline
Concen: 40.89 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.2	39.2	
65	31.8	27.8	41.8	
92	18.9	16.8	25.2	

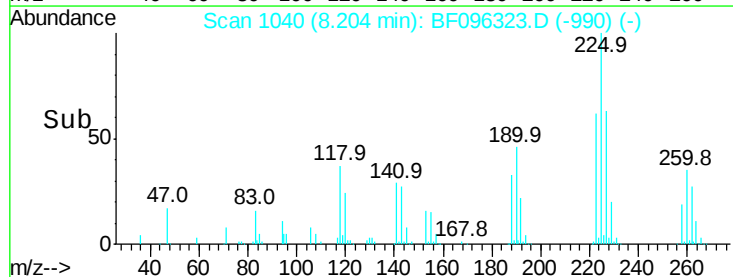
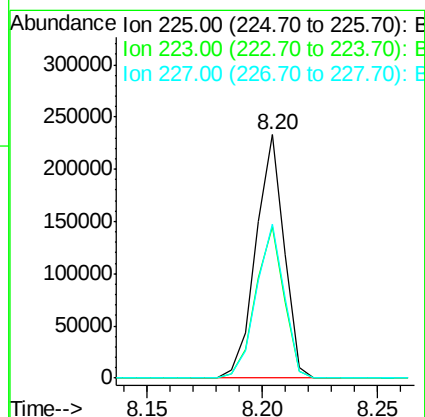
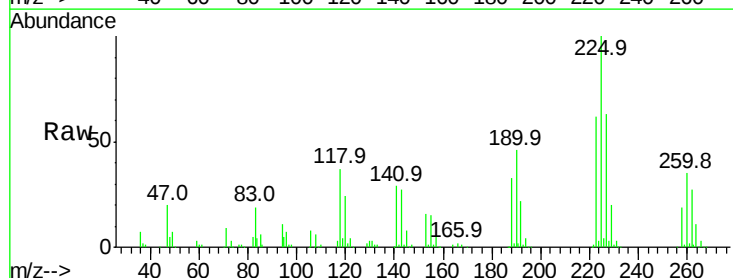
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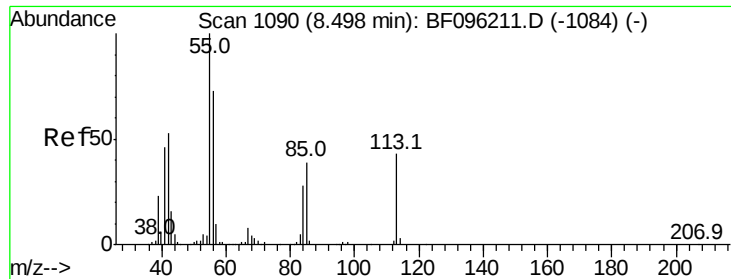
mohammad
7/3/2017 11:36:38 AM



#34
Hexachlorobutadiene
Concen: 41.92 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	48.8	73.2	
227	63.2	51.1	76.7	





#35

Caprolactam

Concen: 43.80 ng

RT: 8.50 min Scan# 1091

Delta R.T. 0.07 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

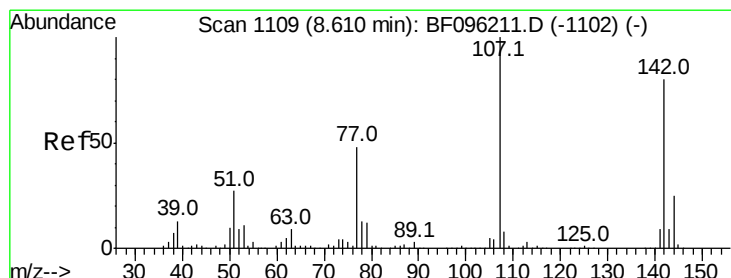
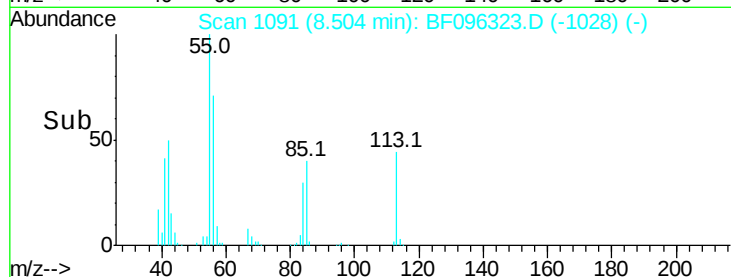
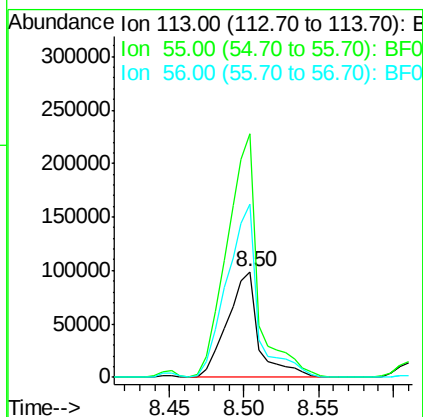
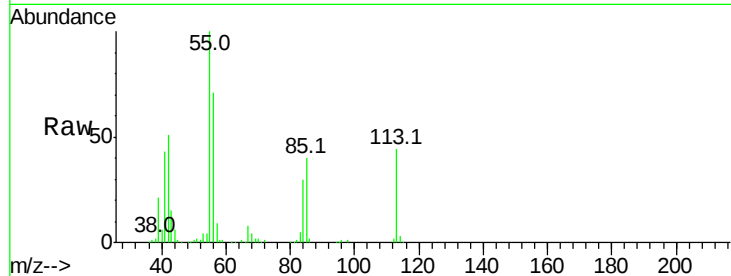
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	229.9	150.2	190.2#
56	163.6	107.8	147.8#

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#36

4-Chloro-3-methylphenol

Concen: 41.69 ng

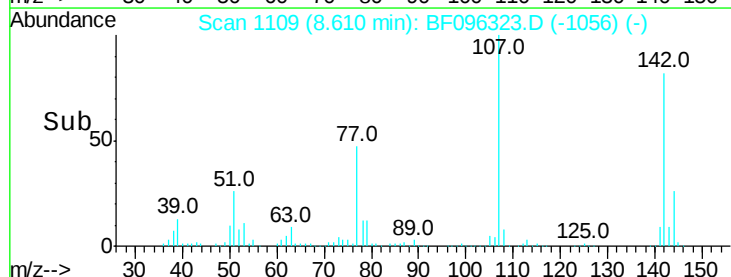
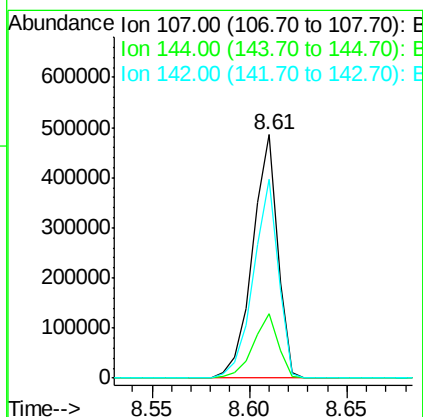
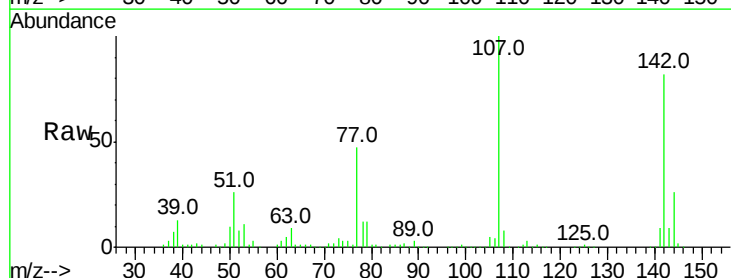
RT: 8.61 min Scan# 1109

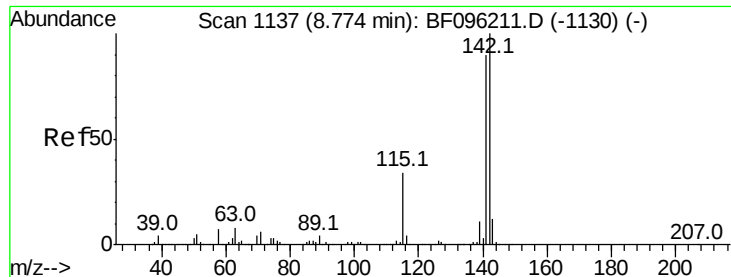
Delta R.T. 0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	24.2	36.4
142	81.8	73.4	110.0





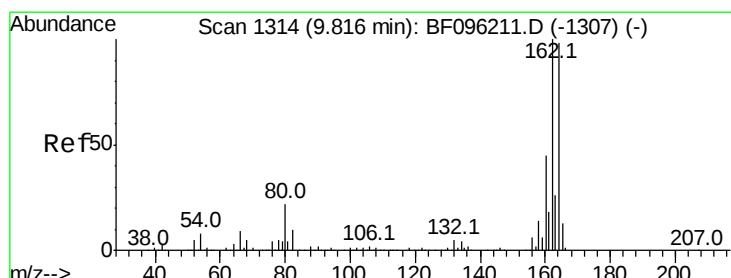
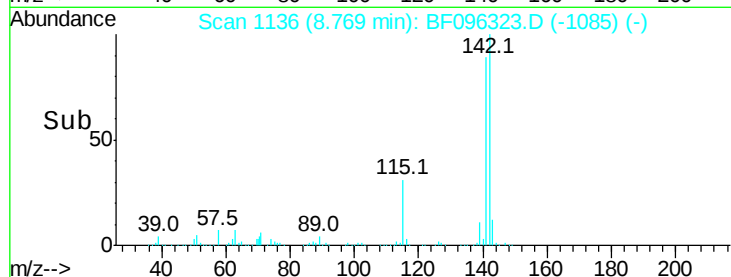
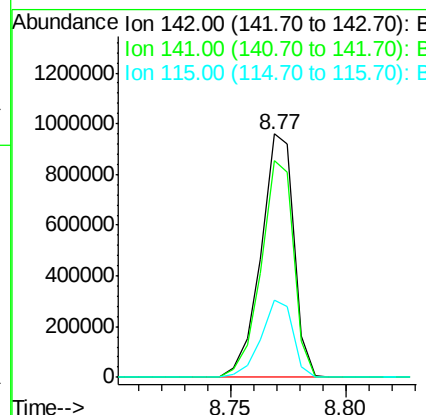
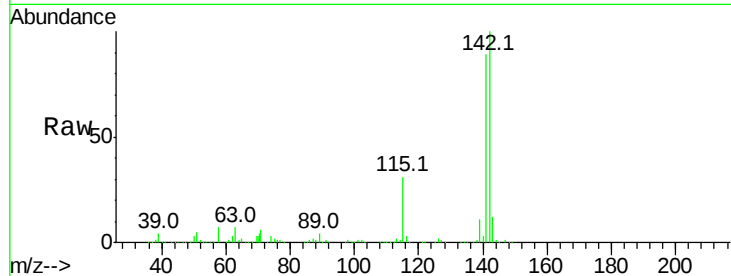
#37
2-Methylnaphthalene
Concen: 40.14 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	955768		
141	89.2	71.3	106.9	
115	31.5	27.1	40.7	

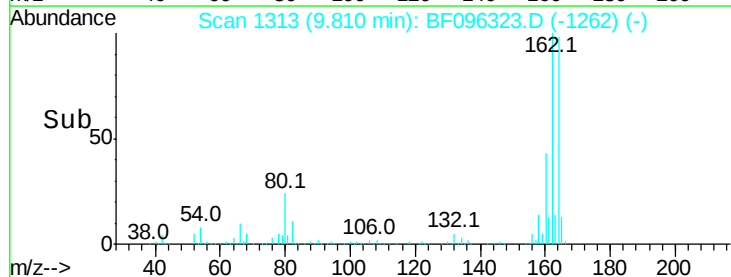
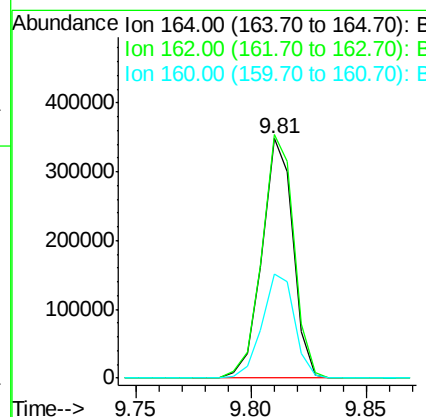
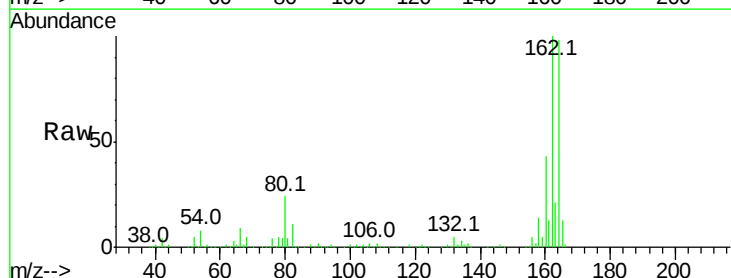
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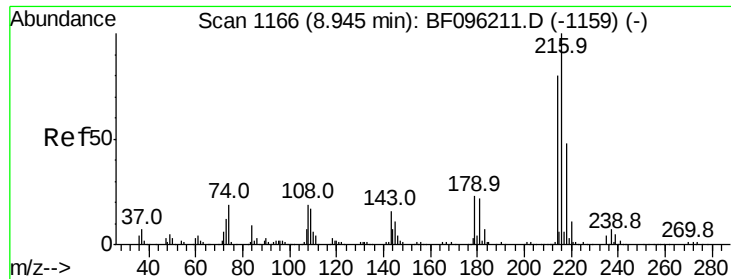
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	326840		
162	101.7	82.6	123.8	
160	43.6	36.2	54.2	





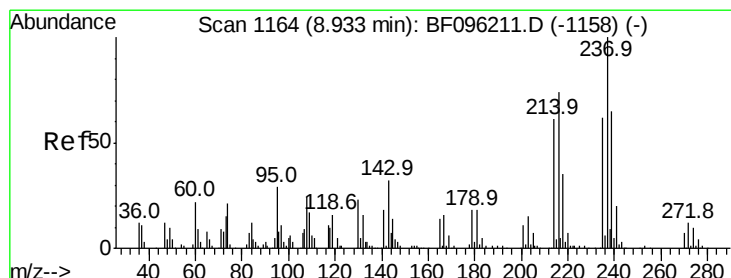
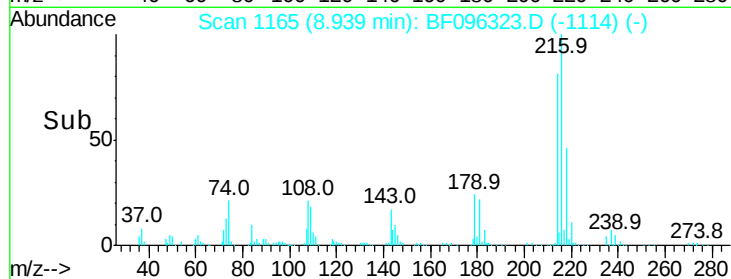
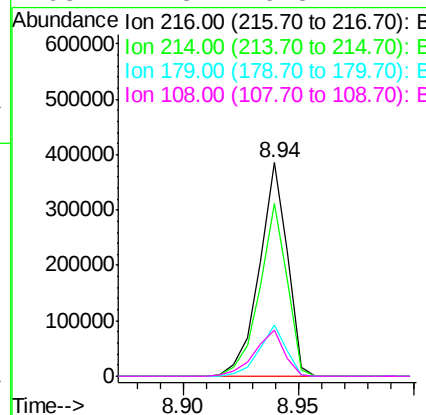
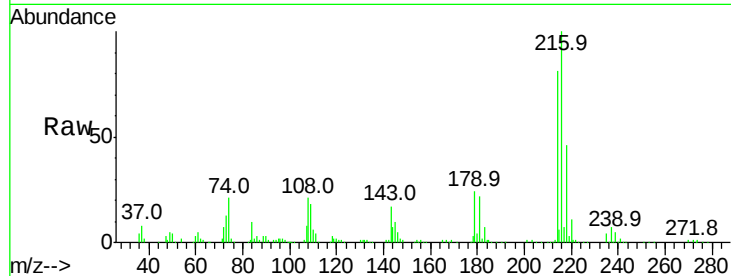
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.39 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		327438		
214	79.6	63.4	95.2		
179	23.0	17.9	26.9		
108	22.8	16.5	24.7		

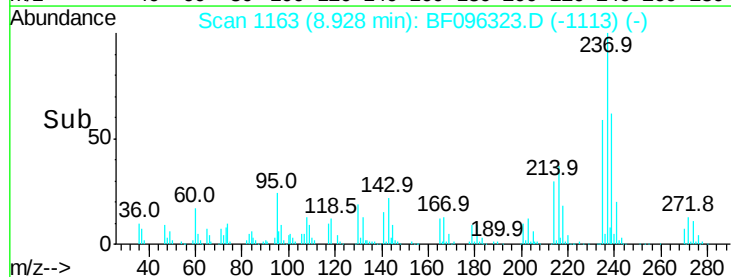
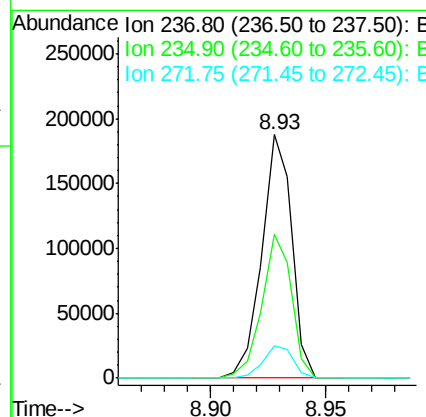
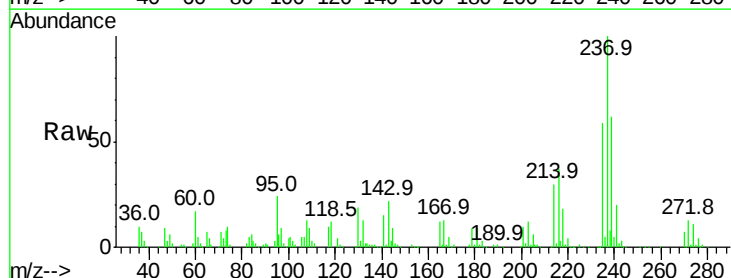
Manual Integrations
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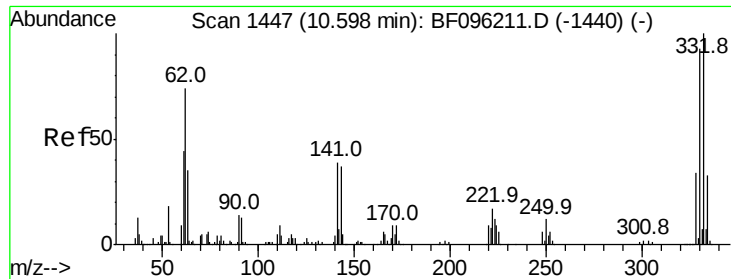
mohammad
 7/3/2017 11:36:38 AM



#40
 Hexachlorocyclopentadiene
 Concen: 47.92 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		169971		
235	59.0	42.6	82.6		
272	13.1	0.0	31.9		





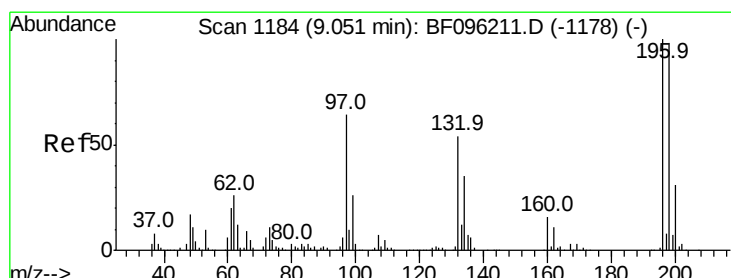
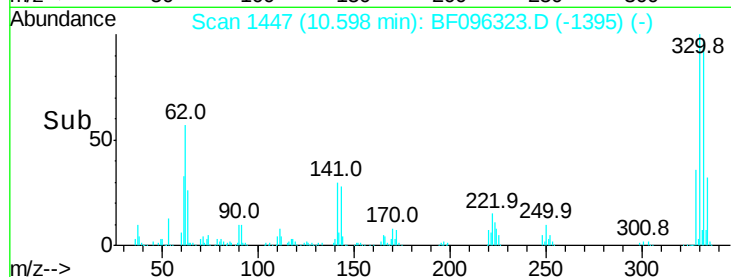
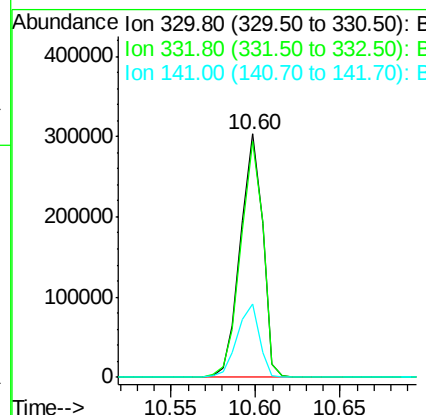
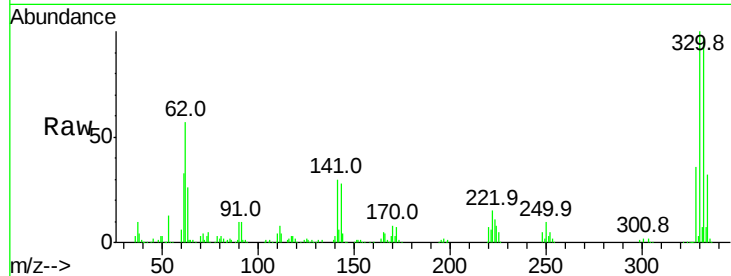
#41
 2,4,6-Tribromophenol
 Concen: 108.35 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	278691		
332	97.4	76.6	115.0	
141	30.2	31.4	47.2#	

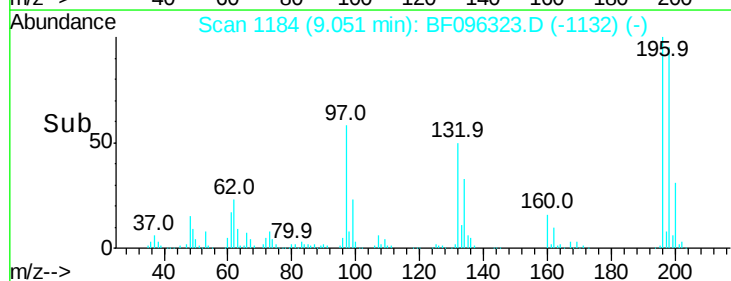
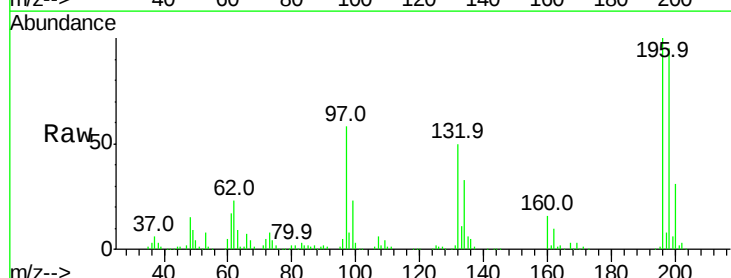
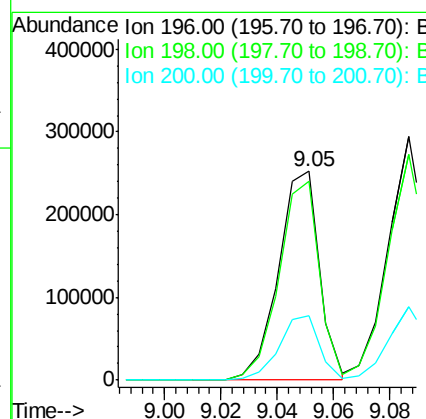
Manual Integrations
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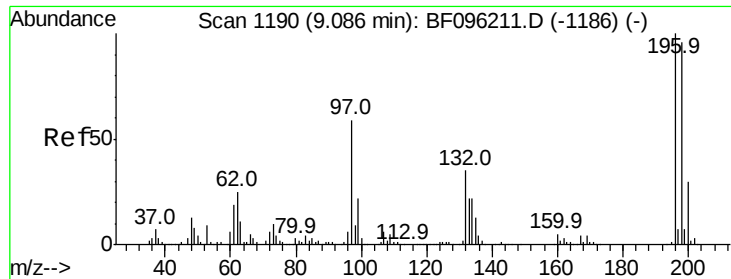
mohammad
 7/3/2017 11:36:38 AM



#42
 2,4,6-Trichlorophenol
 Concen: 42.66 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	254424		
198	95.4	74.2	111.4	
200	31.0	24.0	36.0	





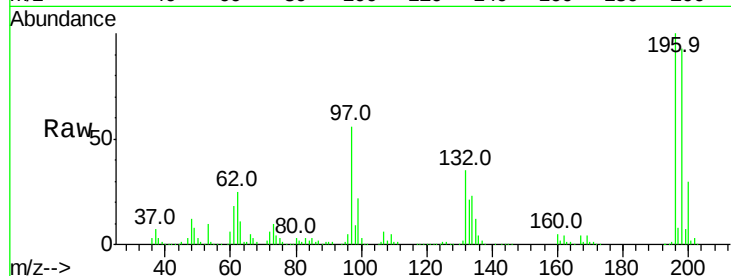
#43
 2,4,5-Trichlorophenol
 Concen: 44.14 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

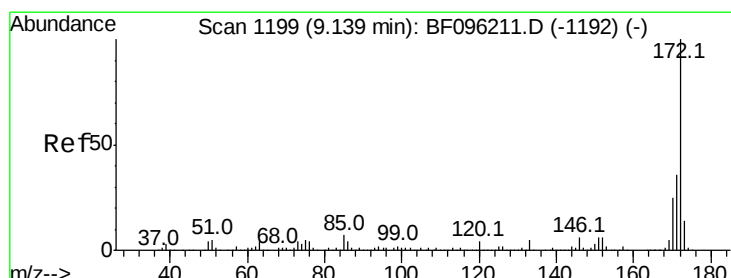
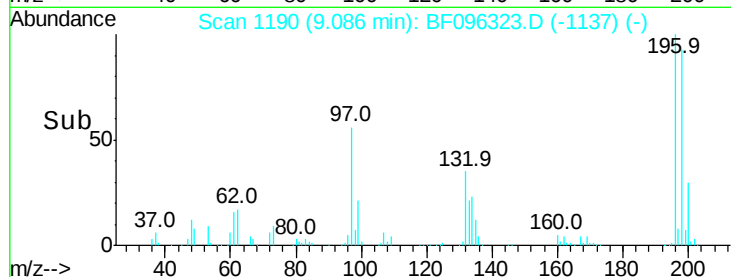
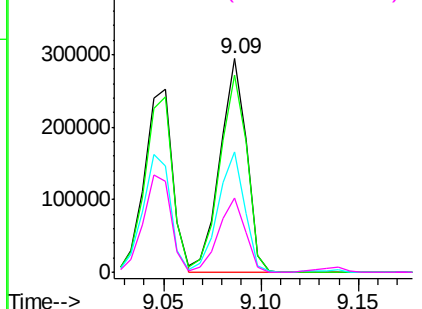
Tot Ion	196	Resp	277446
Ion Ratio	Lower	Upper	
196	100		
198	92.5	75.7	113.5
97	56.5	47.7	71.5
132	35.0	28.0	42.0

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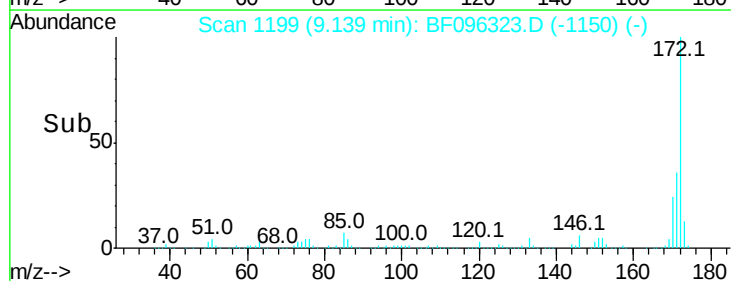
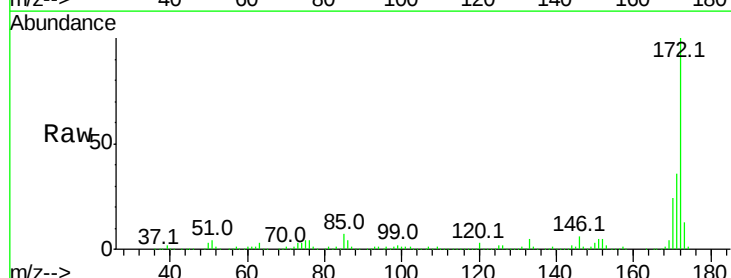
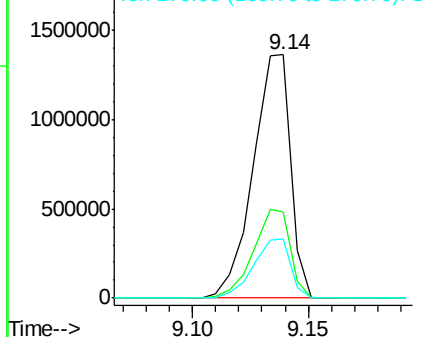
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

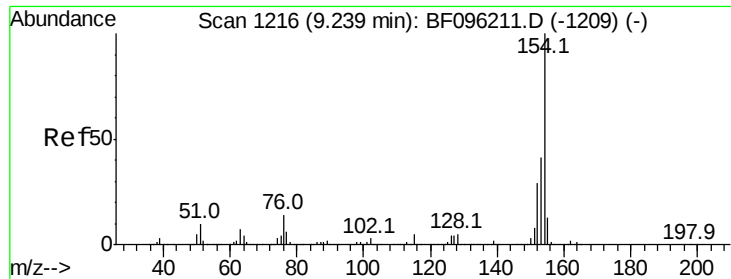


#44
 2-Fluorobiphenyl
 Concen: 86.83 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Tgt Ion	172	Resp	1549610
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.6	44.4
170	24.2	19.8	29.8

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





#45

1,1'-Biphenyl

Concen: 41.12 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1031172

Ion Ratio Lower Upper

154 100

153 41.8 21.2 61.2

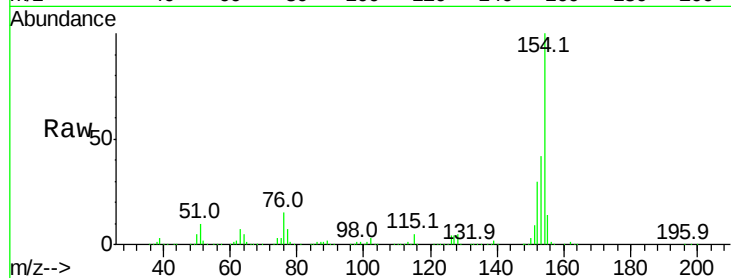
76 14.8 0.0 29.9

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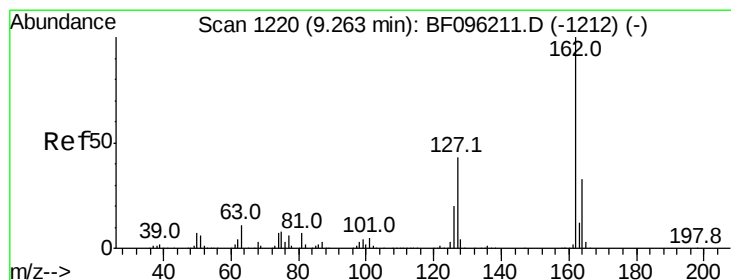
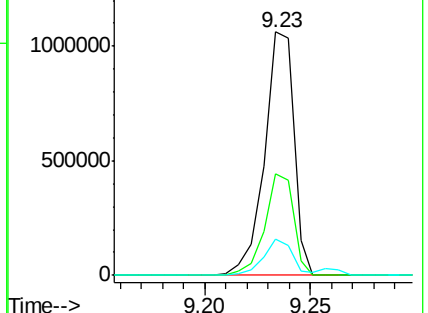
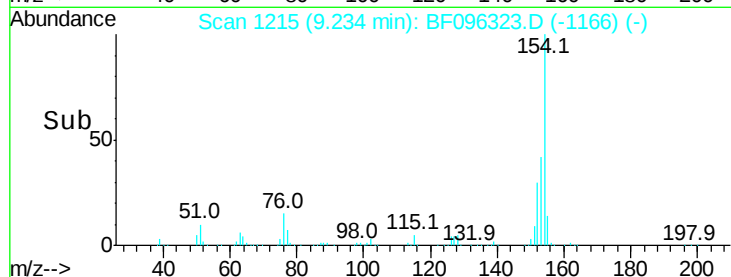
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.61 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

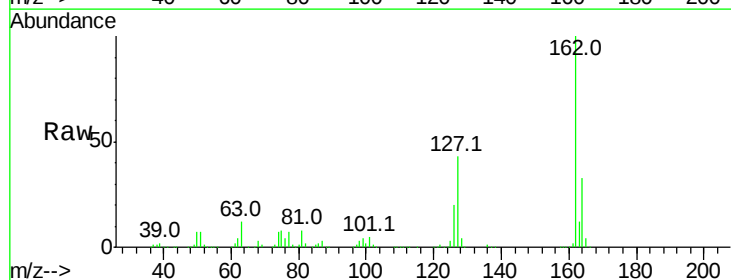
Tgt Ion:162 Resp: 824023

Ion Ratio Lower Upper

162 100

127 42.8 28.3 42.5#

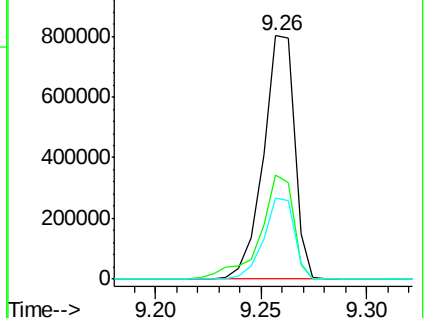
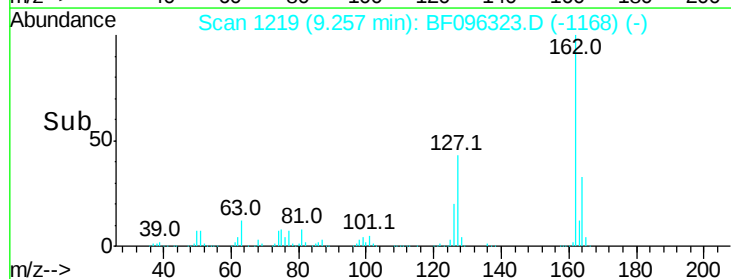
164 33.1 27.0 40.4

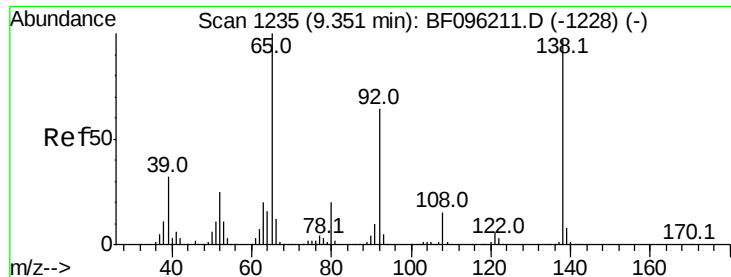


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





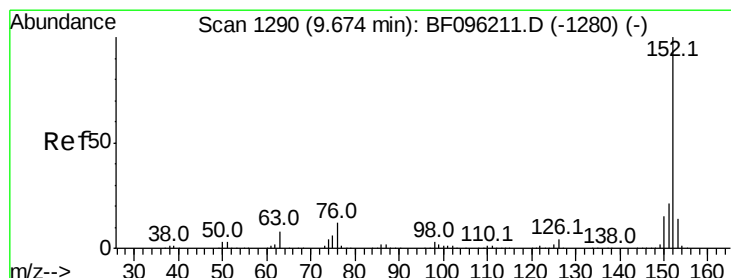
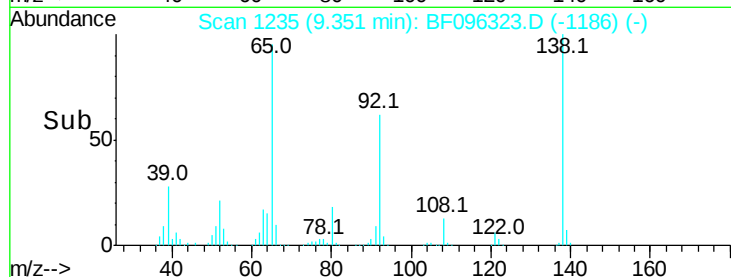
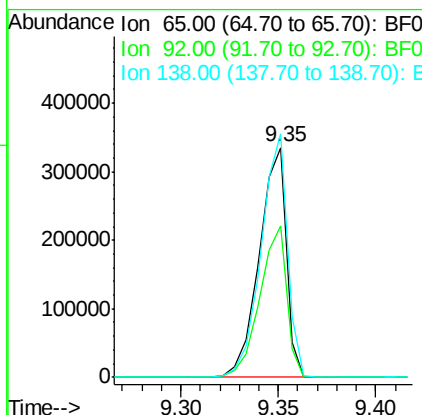
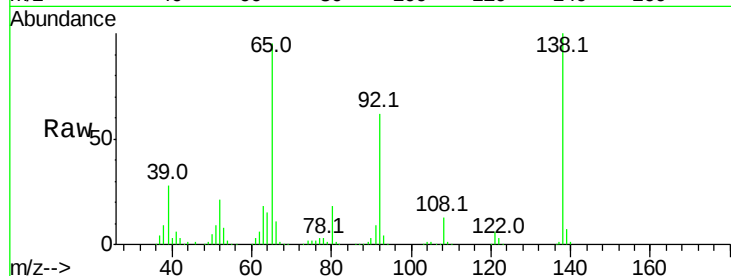
#47
2-Nitroaniline
Concen: 49.09 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.9	80.9
138	105.8	78.8	118.2

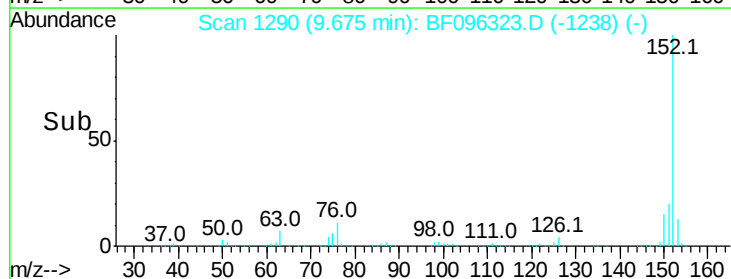
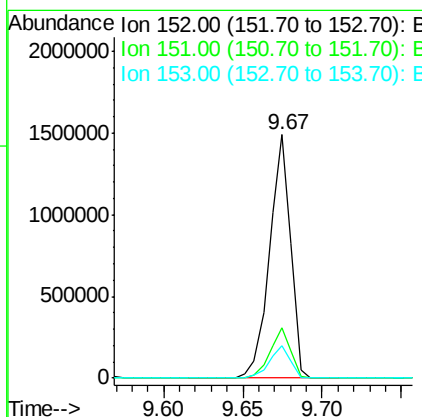
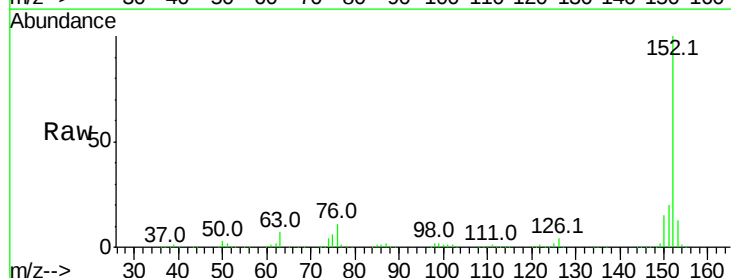
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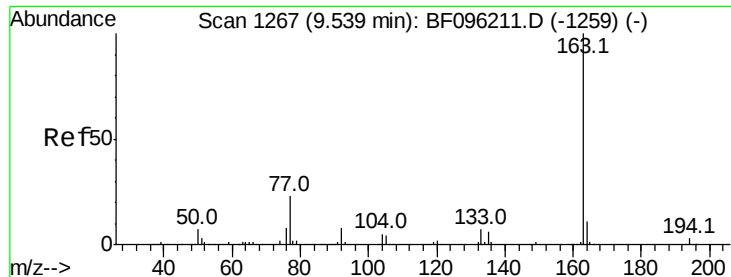
mohammad
7/3/2017 11:36:38 AM



#48
Acenaphthylene
Concen: 40.14 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.3	10.8	16.2





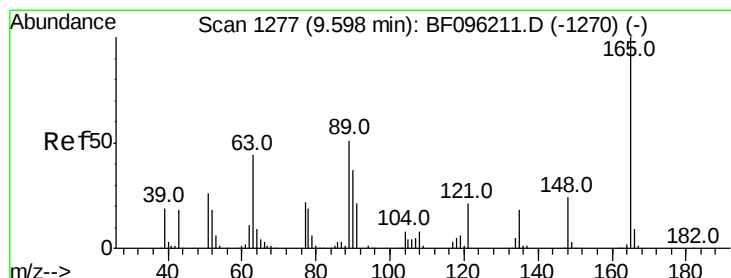
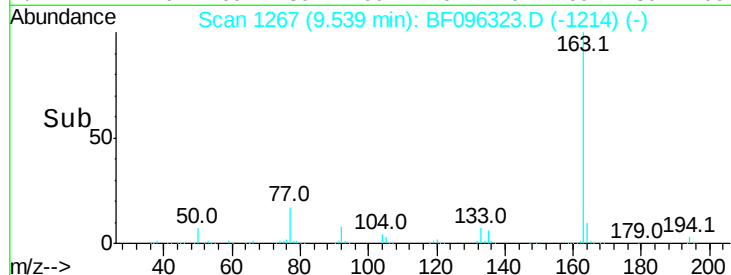
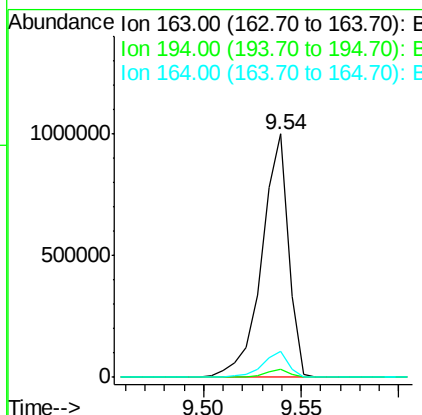
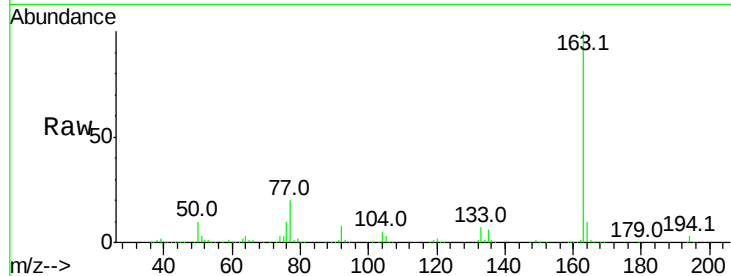
#49
Dimethylphthalate
Concen: 40.42 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.5	8.4	12.6	

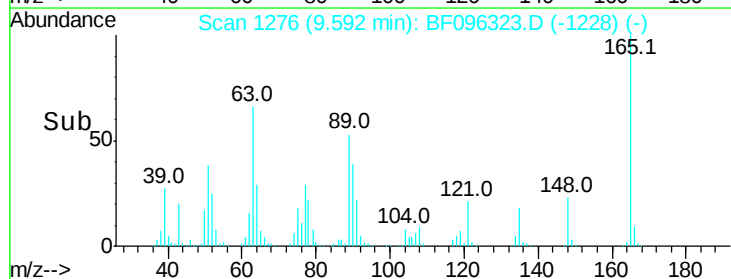
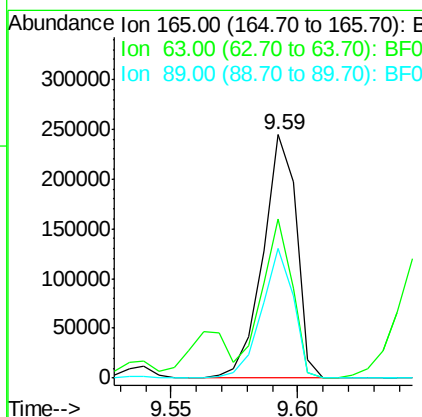
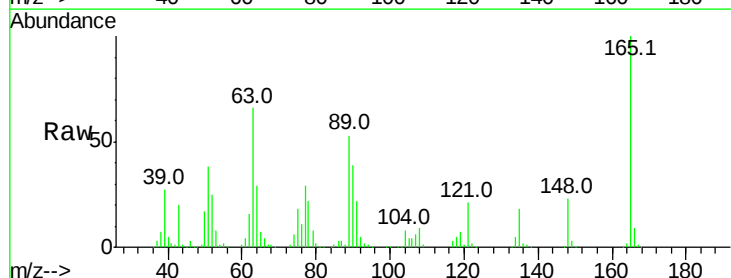
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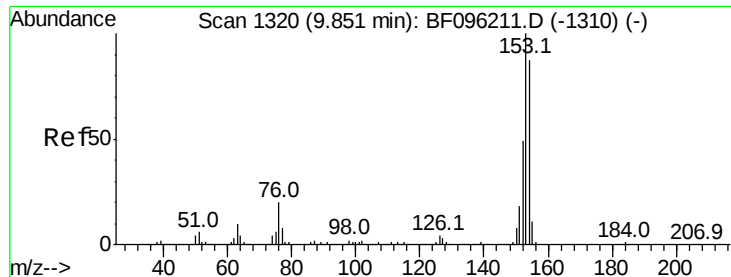
mohammad
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#50
2,6-Dinitrotoluene
Concen: 46.65 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.5	34.3	51.5#	
89	53.2	37.1	55.7	





#51

Acenaphthene

Concen: 41.13 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

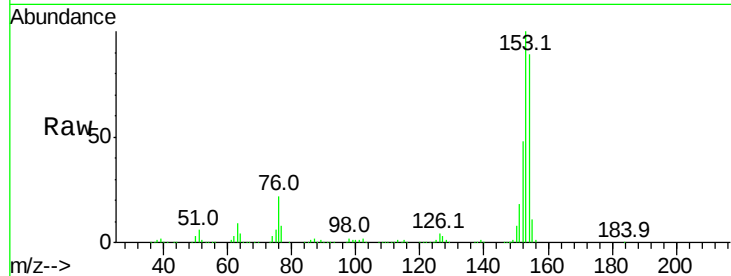
ClientSampleId :

SSTDCCC040

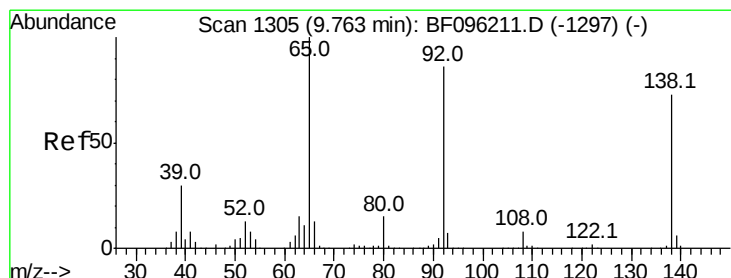
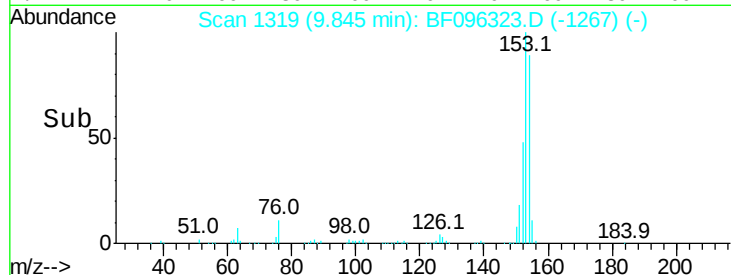
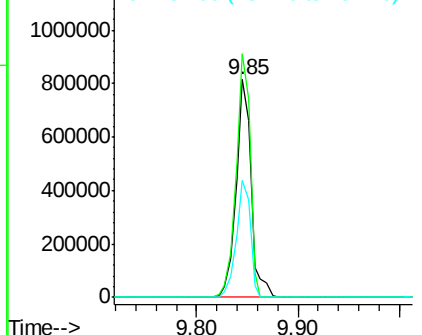
Tot Ion:	154	Resp:	835496
Ion Ratio	Lower	Upper	
154	100		
153	112.0	90.5	135.7
152	54.0	43.6	65.4

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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: 45.95 ng

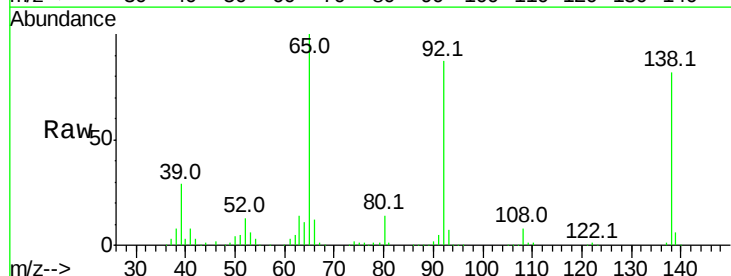
RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

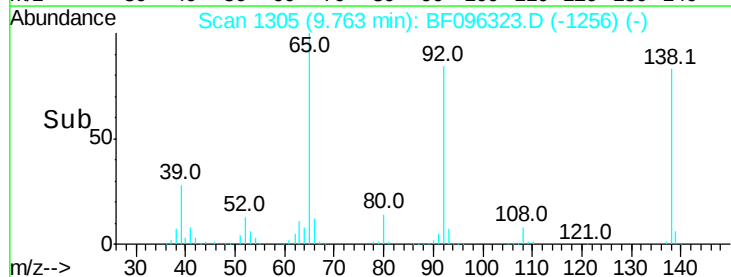
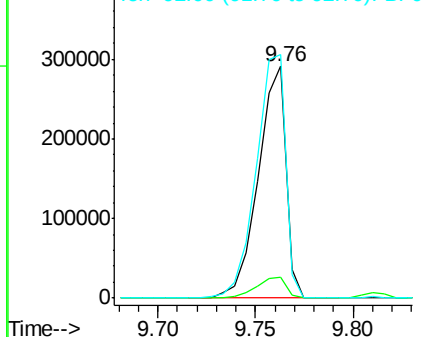
Lab File: BF096323.D

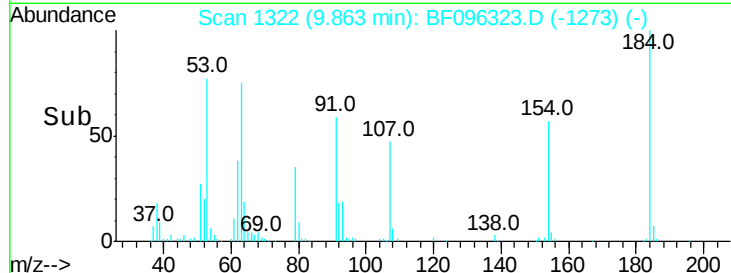
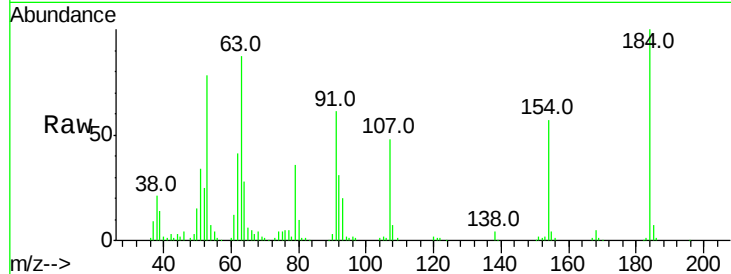
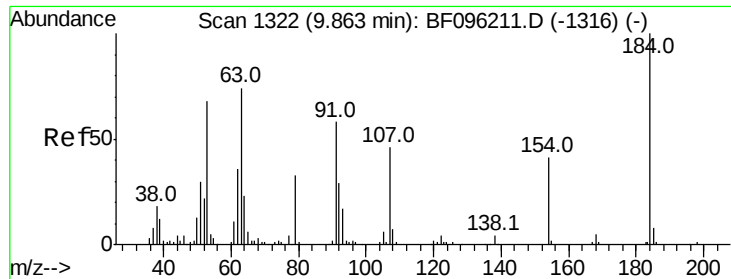
Acq: 30 Jun 2017 8:39

Tgt Ion:	138	Resp:	286316
Ion Ratio	Lower	Upper	
138	100		
108	9.3	9.1	13.7
92	105.1	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





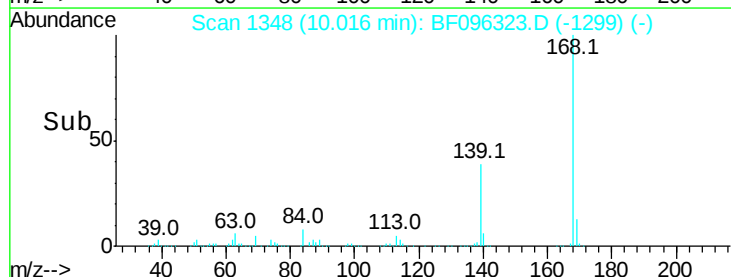
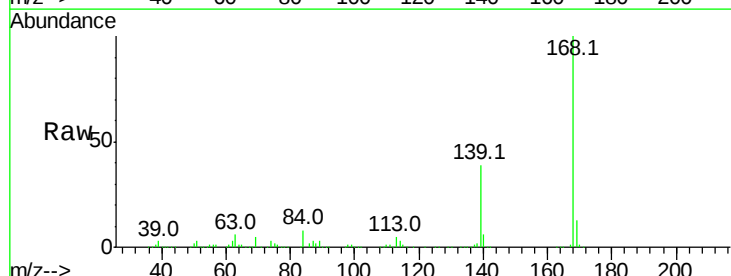
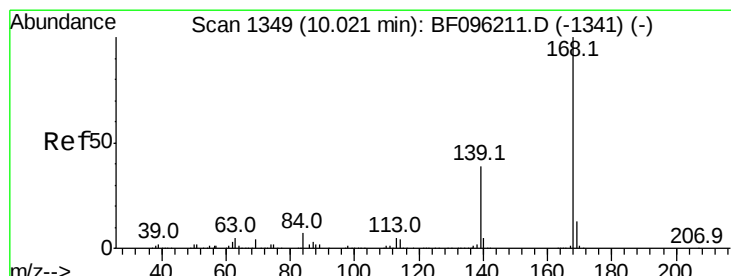
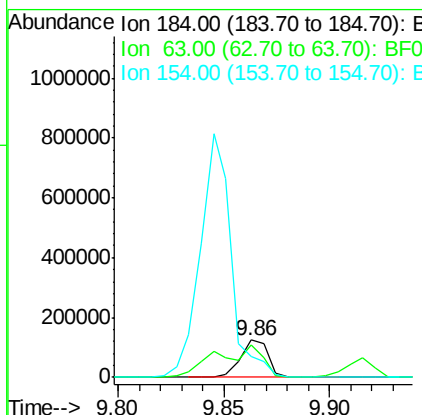
#53
2,4-Dinitrophenol
Concen: 60.50 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tot Ion	Ratio	Resp	Lower	Upper
184	100	112257		
63	87.4	62.7	94.1	
154	57.0	81.1	121.7	

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

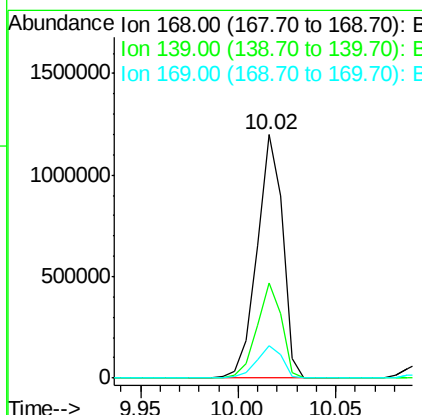
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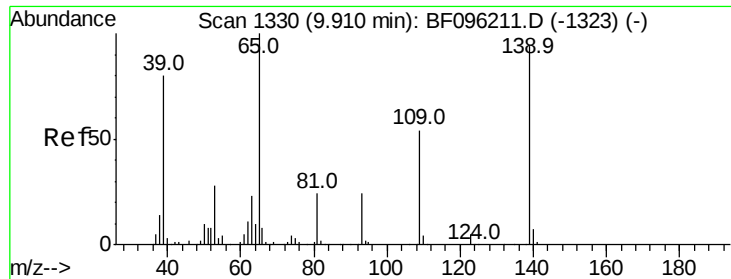
mohammad
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#54
Dibenzofuran
Concen: 40.82 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1082786		
139	39.2	30.6	45.8	
169	13.4	10.8	16.2	





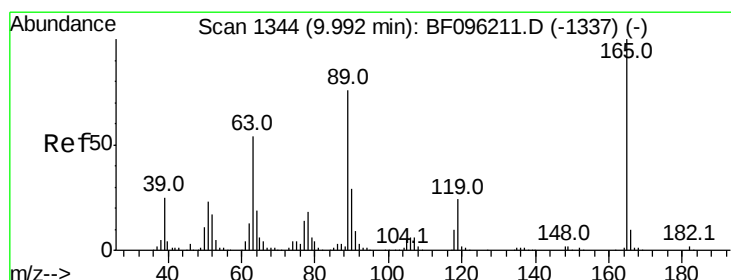
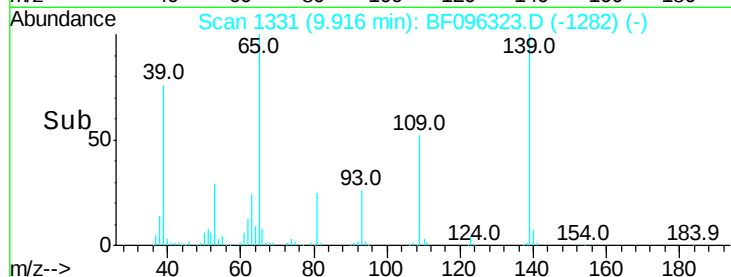
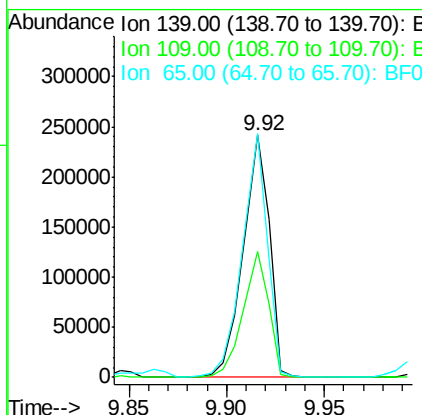
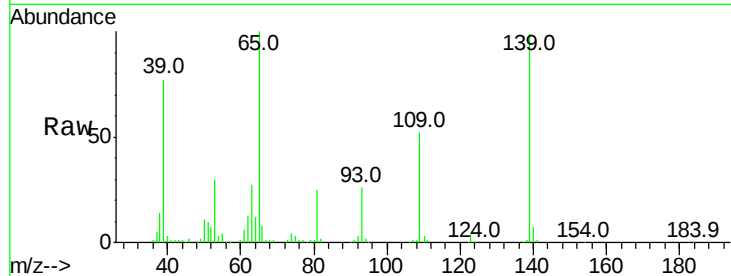
#55
4-Nitrophenol
Concen: 44.82 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	51.9	34.1	74.1	
65	100.5	31.4	71.4	

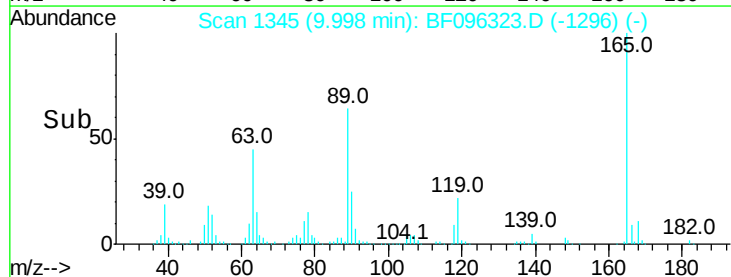
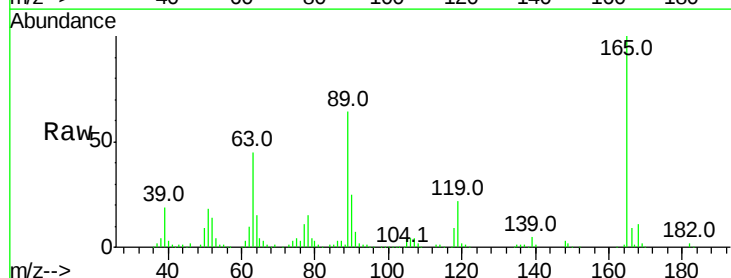
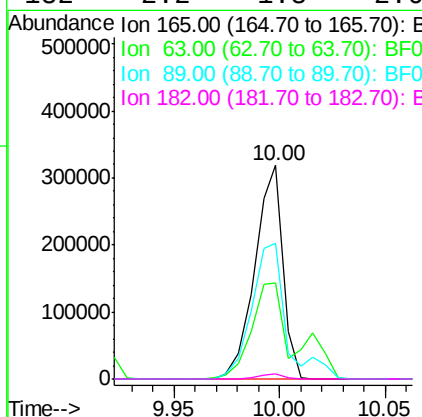
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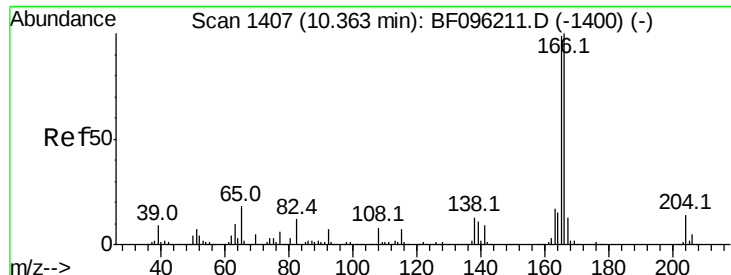
mohammad
7/3/2017 11:36:38 AM



#56
2,4-Dinitrotoluene
Concen: 47.96 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.8	25.4	38.0	
89	63.7	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 44.13 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

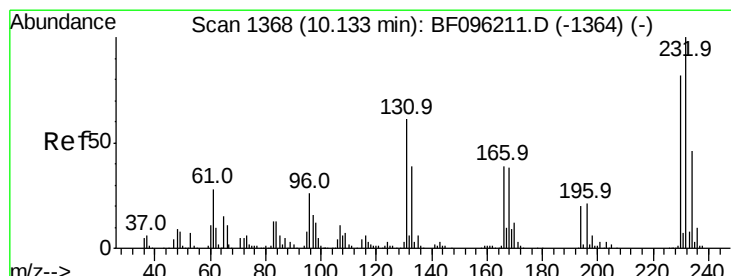
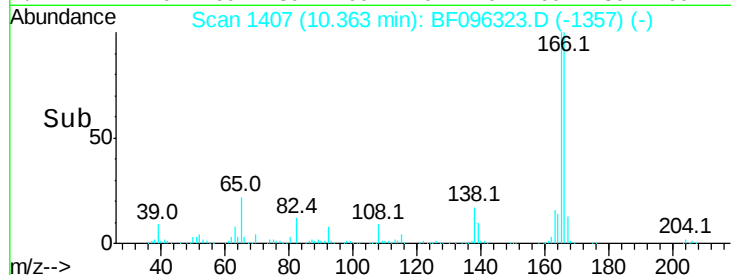
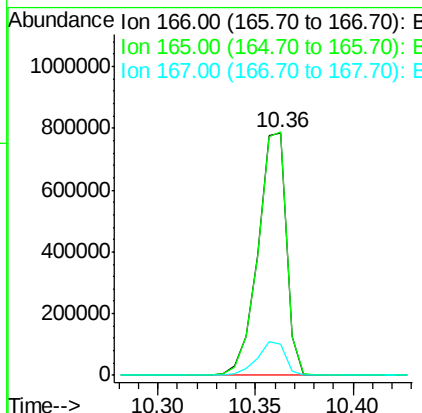
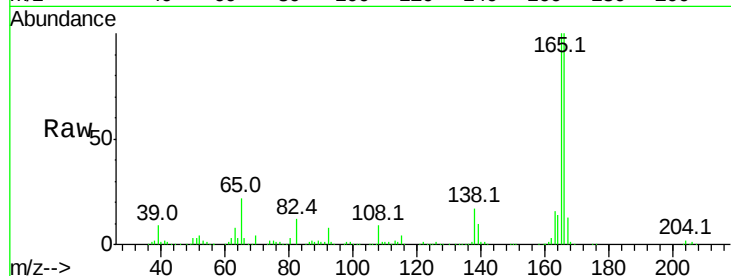
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	789639
Ion Ratio	Lower	Upper	
166	100		
165	100.4	78.8	118.2
167	13.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.88 ng

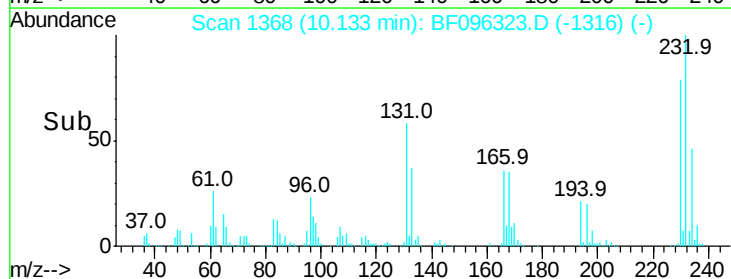
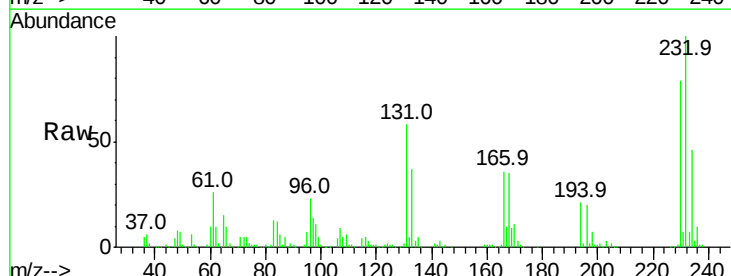
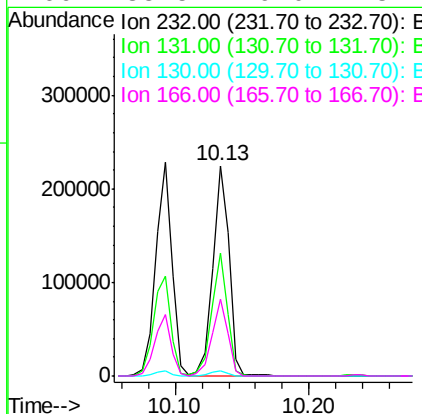
RT: 10.13 min Scan# 1368

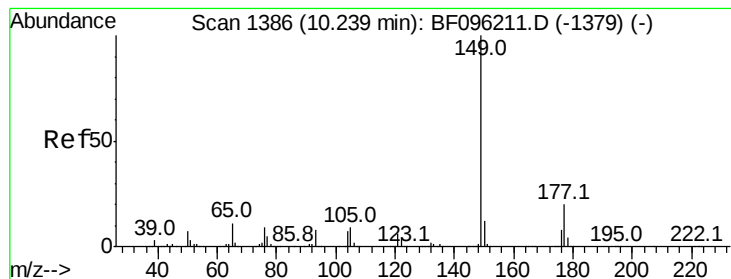
Delta R.T. 0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Tgt Ion:	232	Resp:	192719
Ion Ratio	Lower	Upper	
232	100		
131	55.9	44.8	67.2
130	2.4	2.3	3.5
166	35.5	29.0	43.4





#59

Diethylphthalate

Concen: 39.08 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

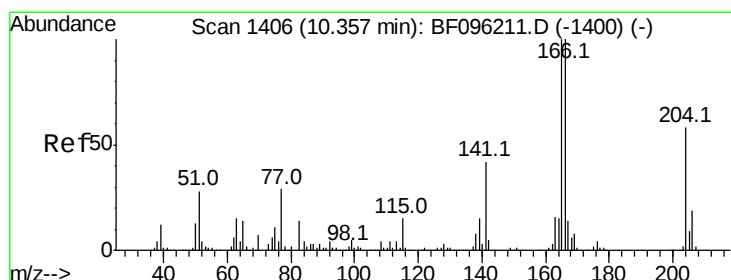
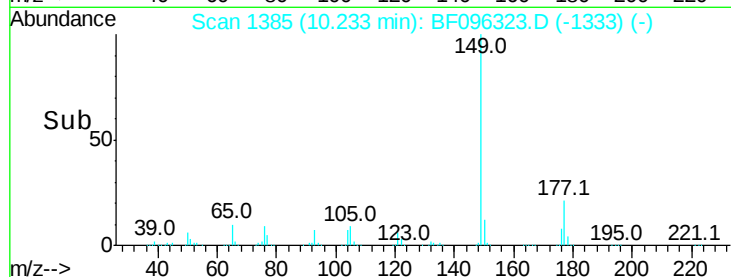
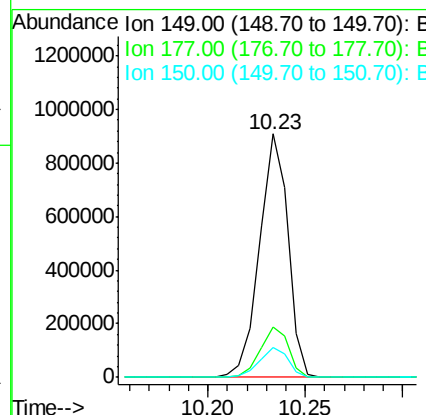
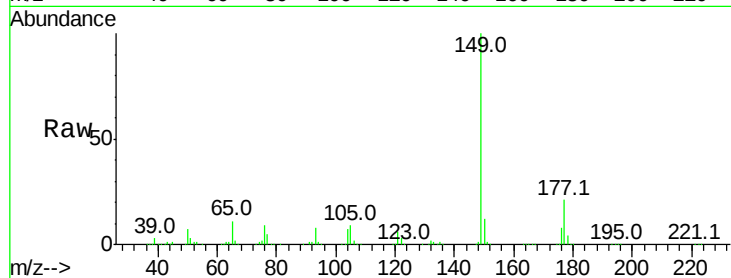
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	917911
Ion Ratio	Lower	Upper	
149	100		
177	20.6	16.7	25.1
150	12.3	10.2	15.2

Manual Integrations
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7/3/2017 11:36:38 AM



#60

4-Chlorophenyl-phenylether

Concen: 43.74 ng

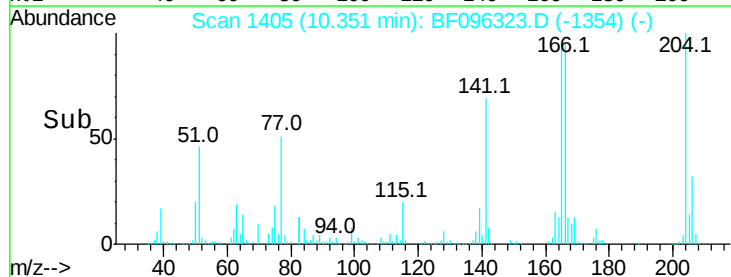
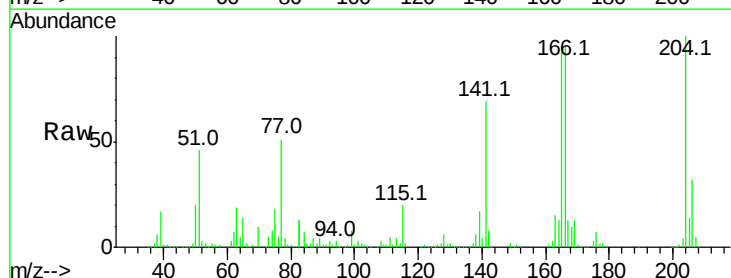
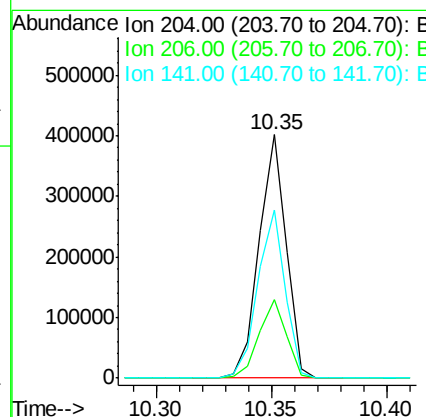
RT: 10.35 min Scan# 1405

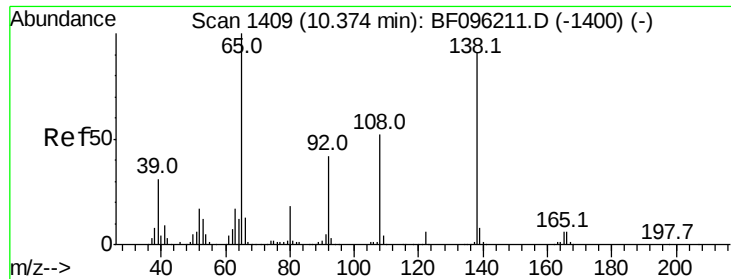
Delta R.T. 0.00 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Tgt Ion:	204	Resp:	331522
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.2	39.2
141	69.3	60.8	91.2





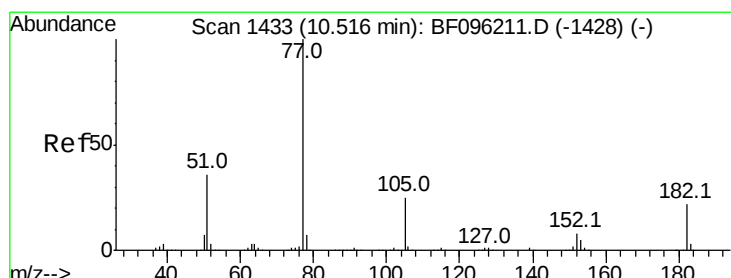
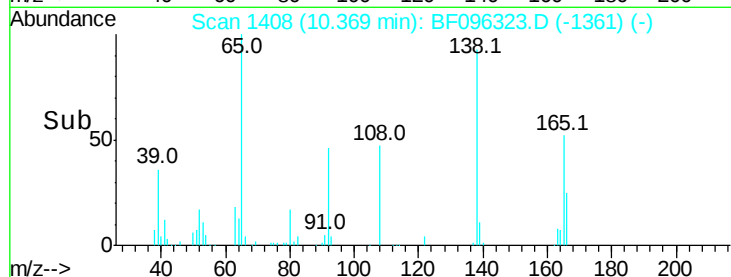
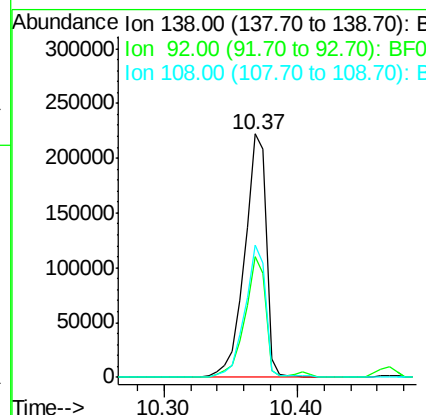
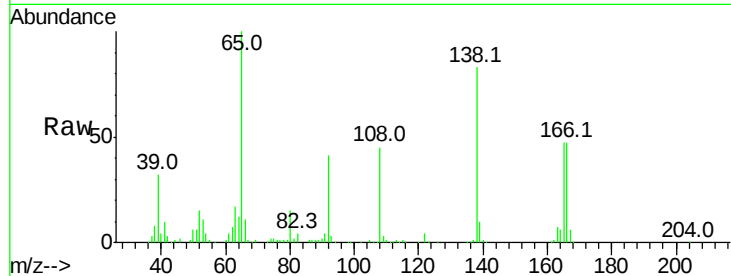
#61
4-Nitroaniline
Concen: 45.87 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	248661		
92	49.6	21.8	61.8	
108	54.2	42.3	82.3	

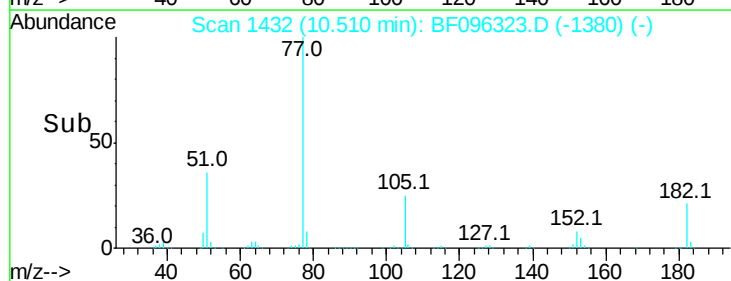
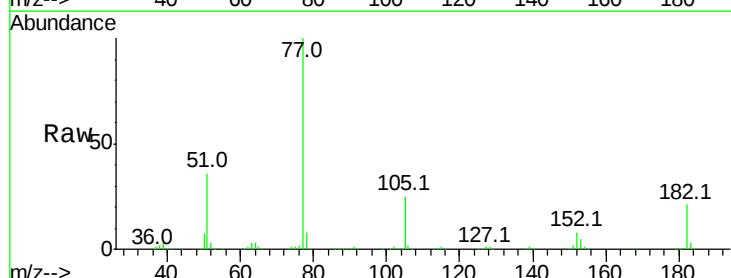
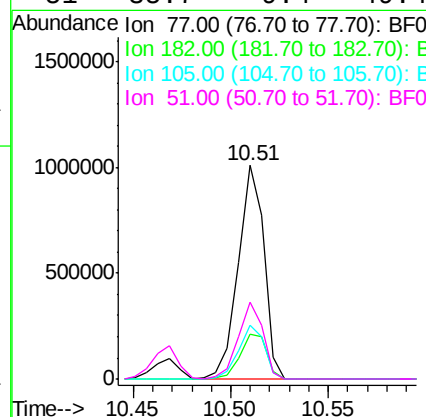
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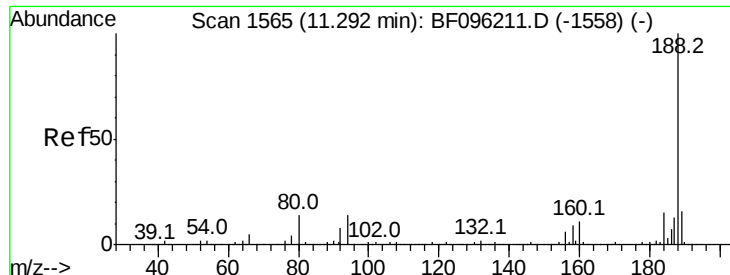
mohammad
7/3/2017 11:36:38 AM



#62
Azobenzene
Concen: 39.08 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	925529		
182	20.8	0.1	40.1	
105	25.4	3.6	43.6	
51	35.7	9.4	49.4	





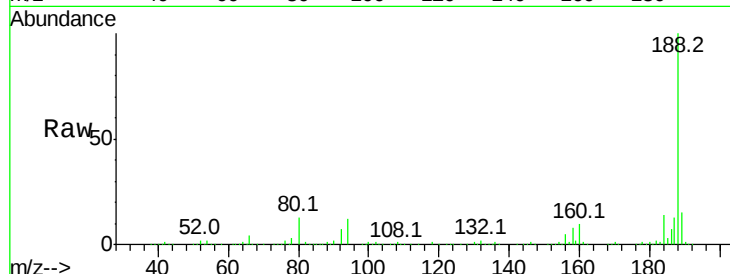
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.4	9.4	14.2
80	13.1	10.2	15.2

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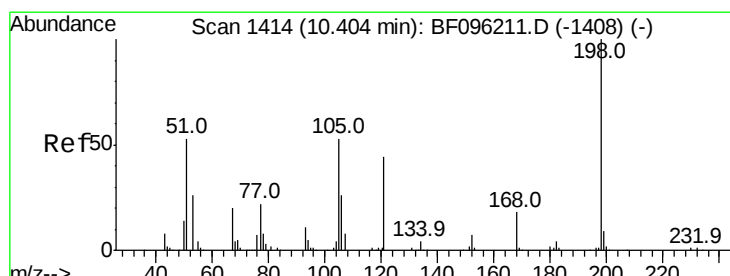
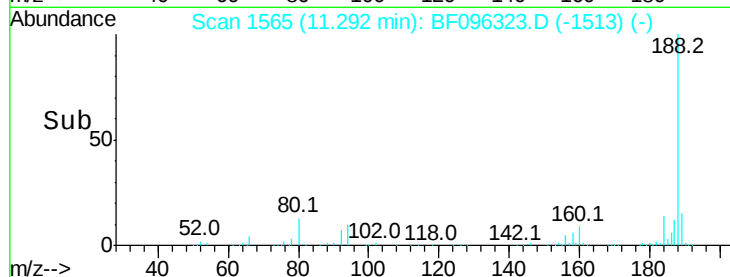
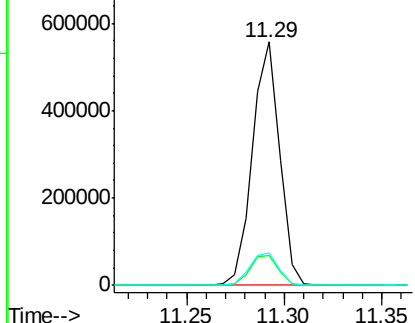
mohammad
7/3/2017 11:36:38 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



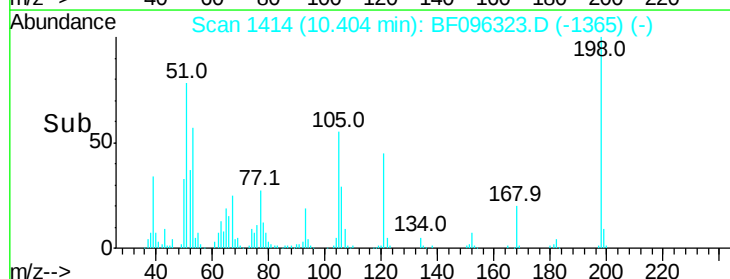
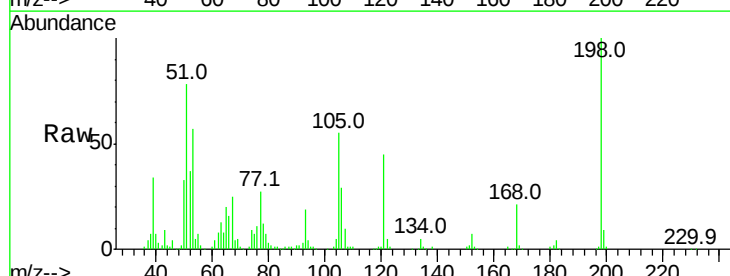
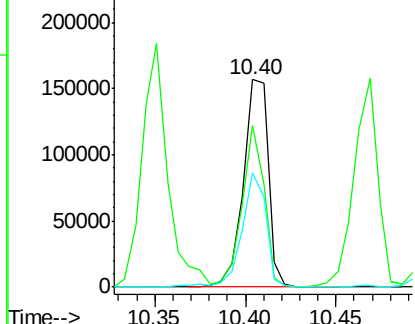
#64
4,6-Dinitro-2-methylphenol
Concen: 52.24 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

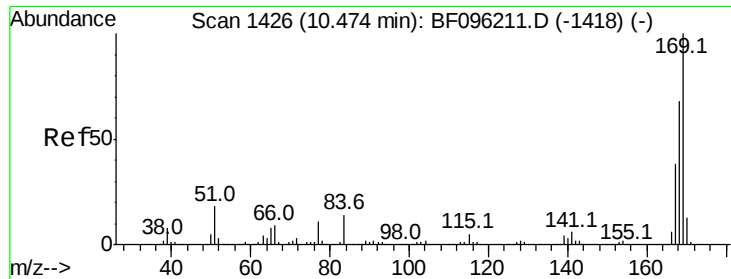
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	77.7	53.2	93.2
105	55.0	45.8	85.8

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





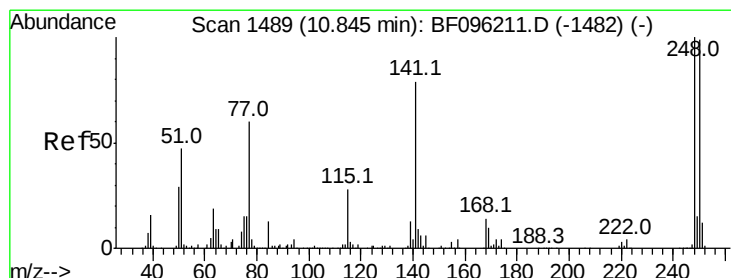
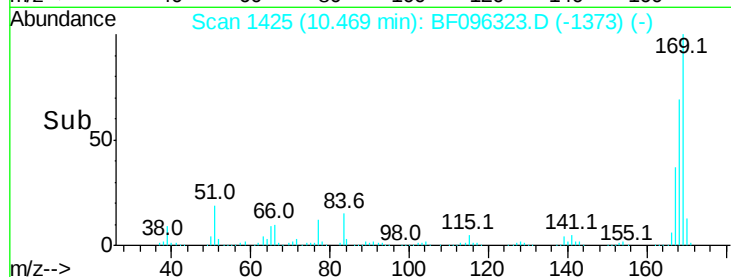
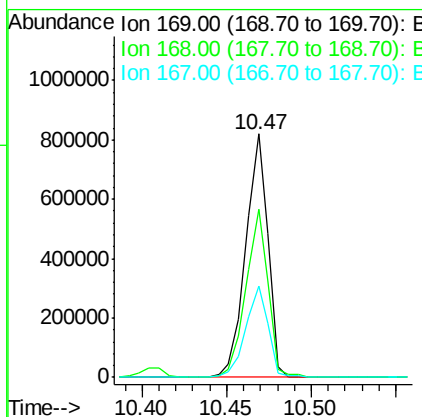
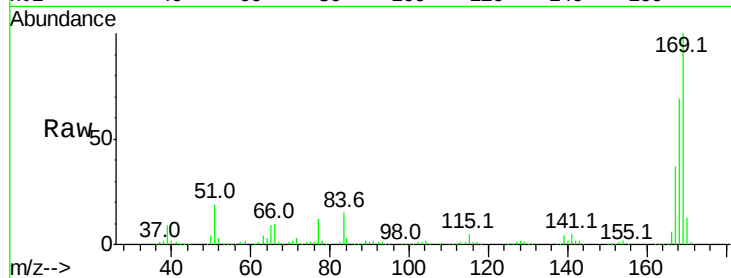
#65
n-Nitrosodiphenylamine
Concen: 39.26 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	757657		
168	69.0		53.2	79.8
167	37.4		29.5	44.3

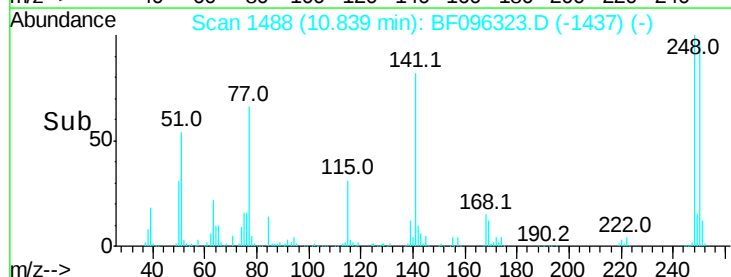
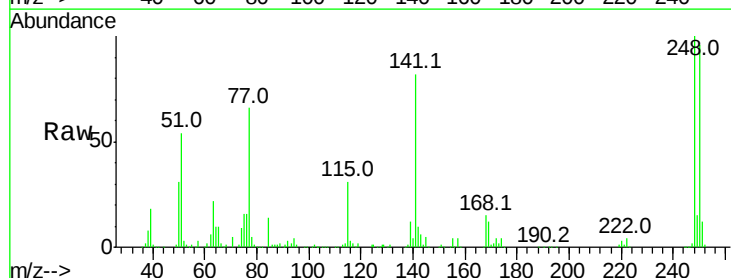
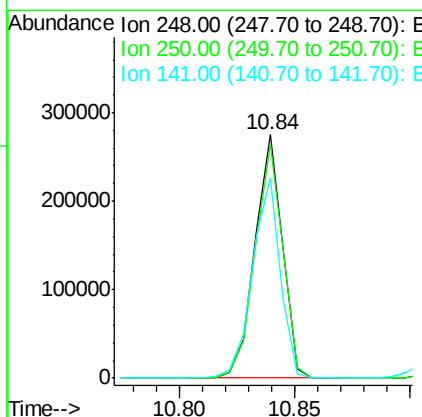
Manual Integrations
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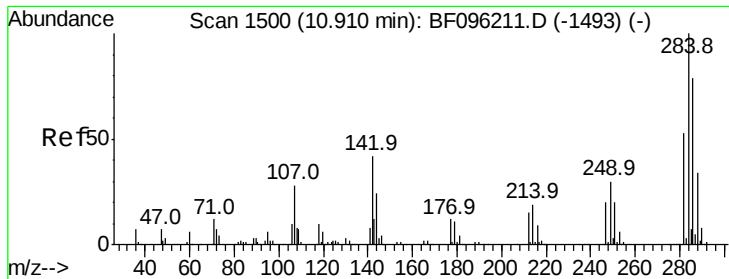
mohammad
7/3/2017 11:36:38 AM



#66
4-Bromophenyl-phenylether
Concen: 41.43 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	228741		
250	95.7		76.8	115.2
141	82.4		68.6	103.0





#67

Hexachlorobenzene

Concen: 44.66 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

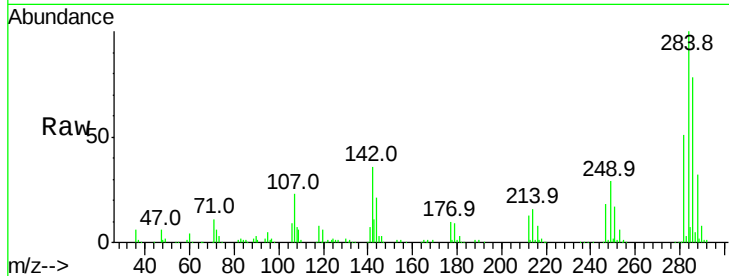
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	253471		
142	35.8	22.8	34.2#	
249	28.7	24.0	36.0	

Manual Integrations
APPROVED

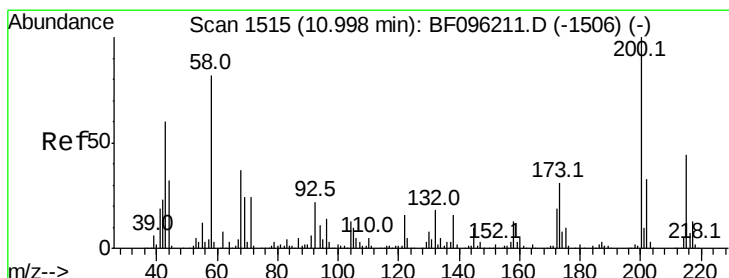
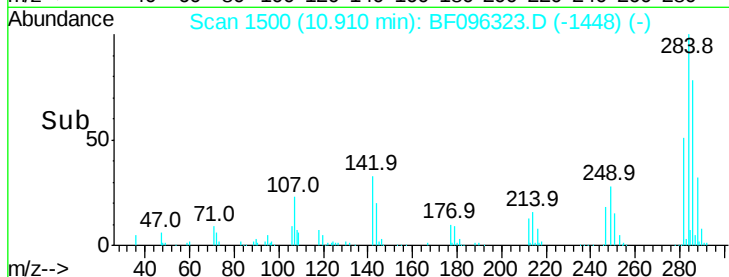
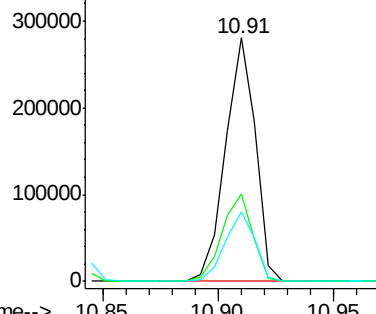
mohammad
7/3/2017 11:36:38 AM



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: 40.91 ng

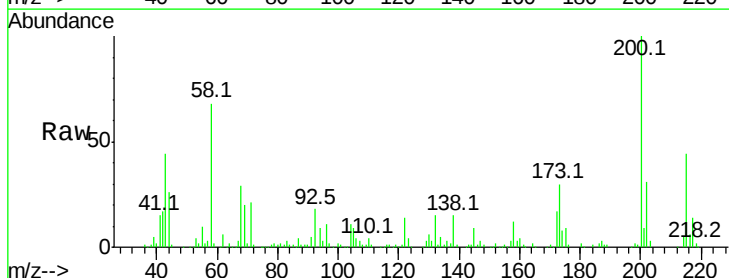
RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

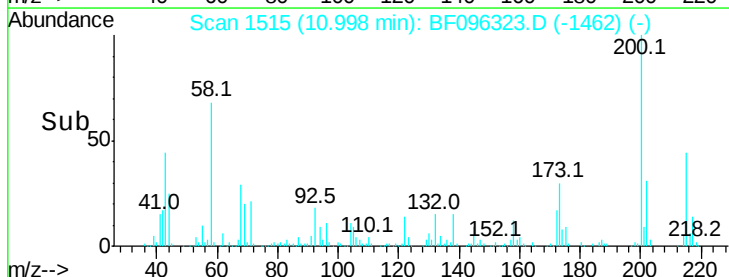
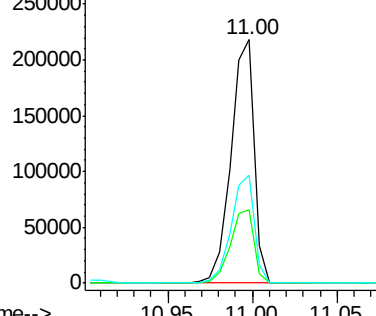
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	208275		
173	30.0	6.3	46.3	
215	44.2	27.2	67.2	

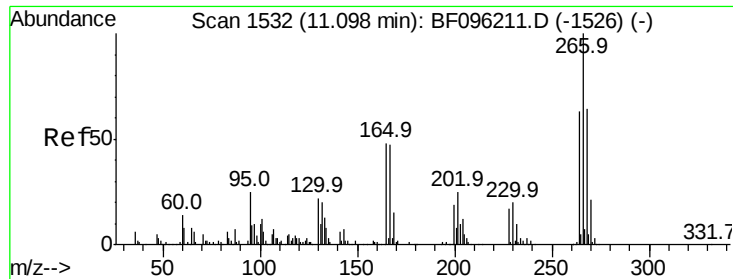


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





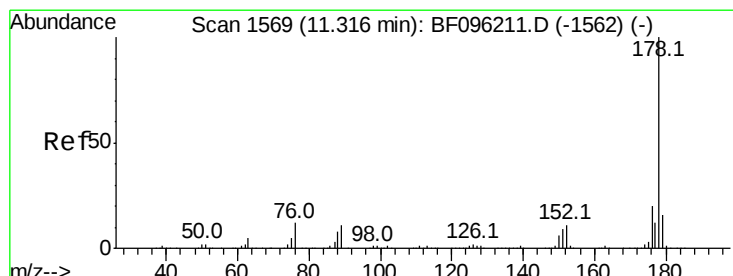
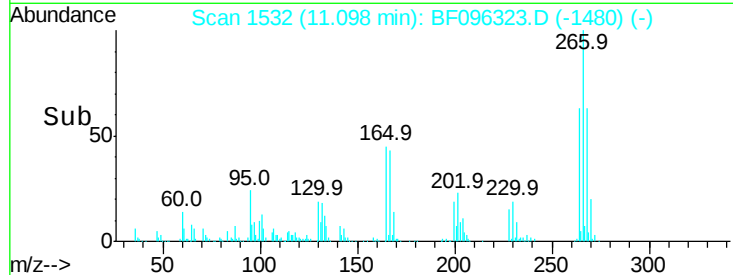
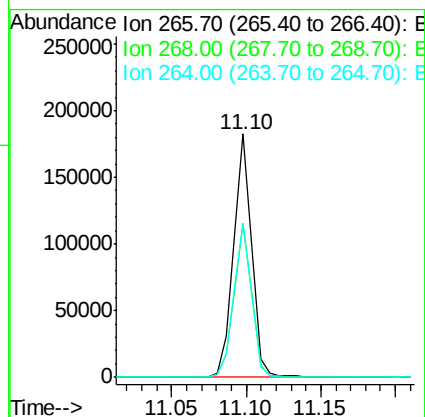
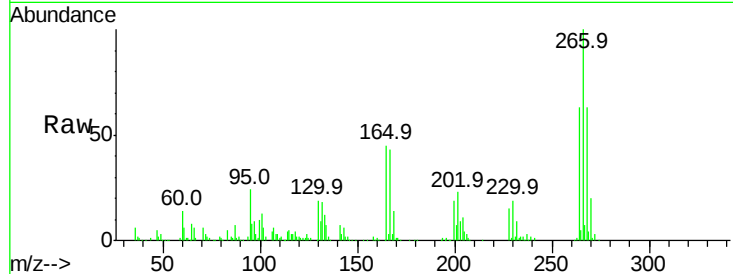
#69
 Pentachlorophenol
 Concen: 49.04 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	158886		
268	63.4	51.1	76.7	
264	63.1	51.7	77.5	

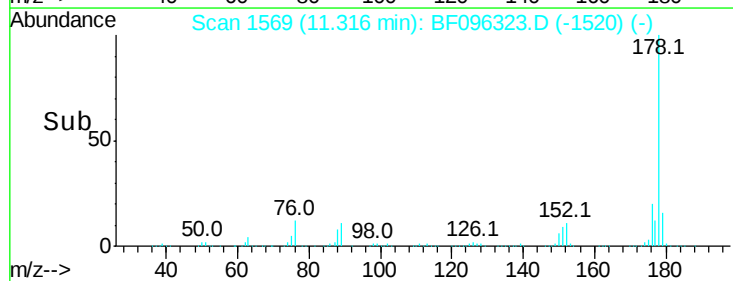
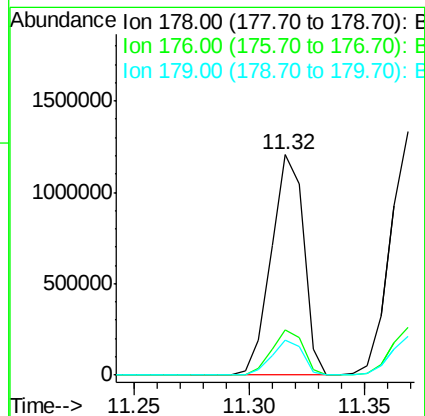
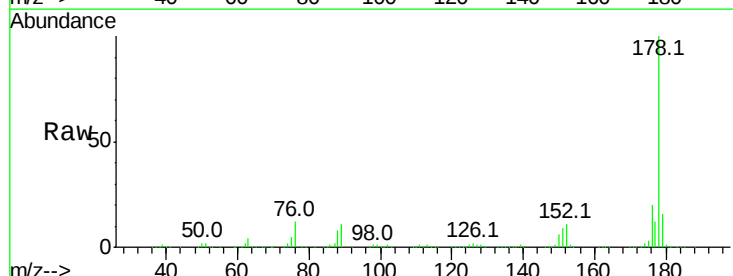
Manual Integrations
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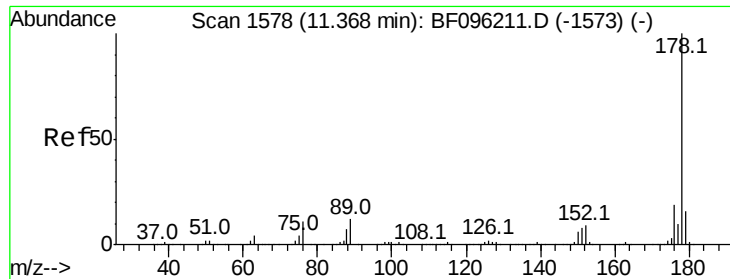
mohammad
 7/3/2017 11:36:38 AM



#70
 Phenanthrene
 Concen: 43.50 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1177299		
176	20.3	16.2	24.4	
179	15.7	12.6	19.0	





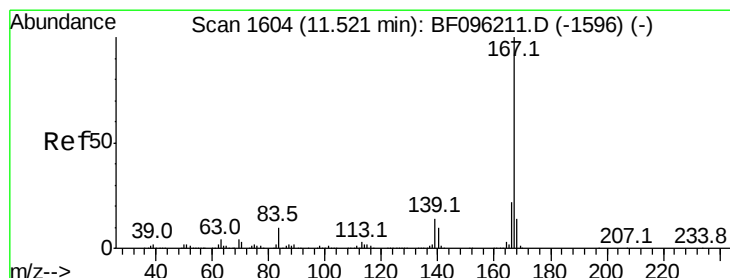
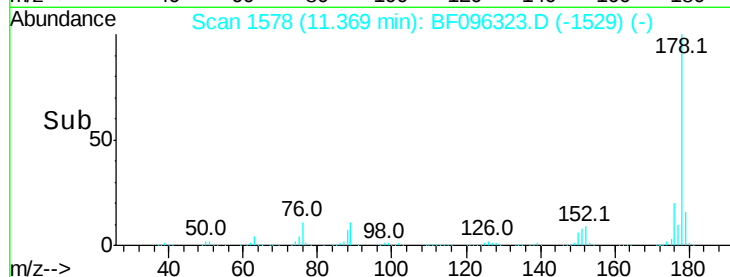
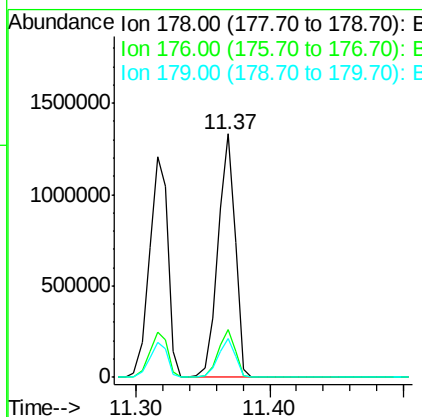
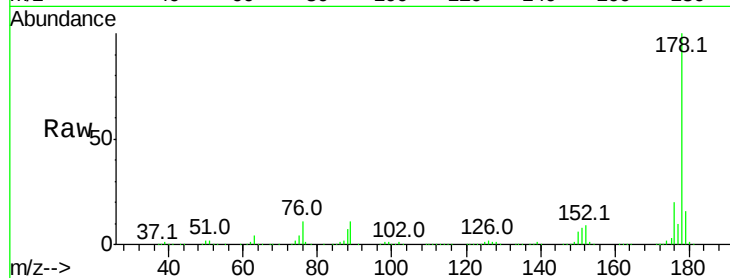
#71
 Anthracene
 Concen: 40.45 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.9	12.7	19.1

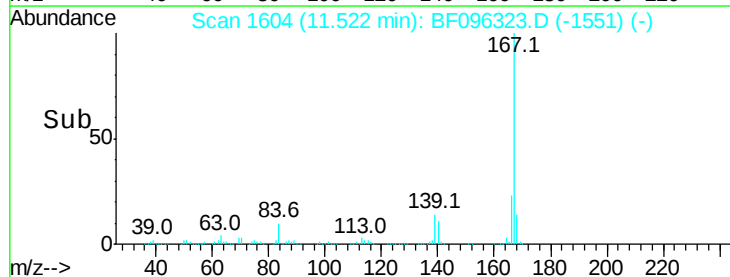
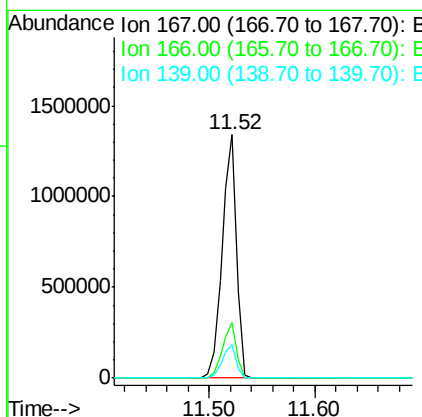
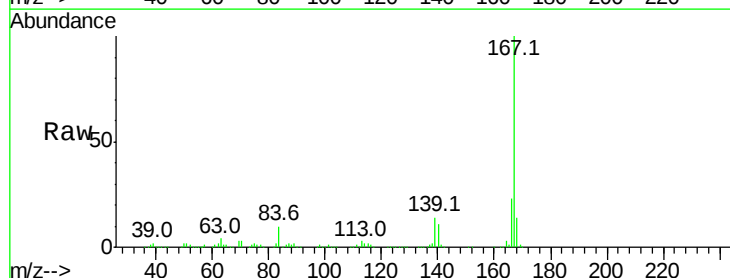
Manual Integrations
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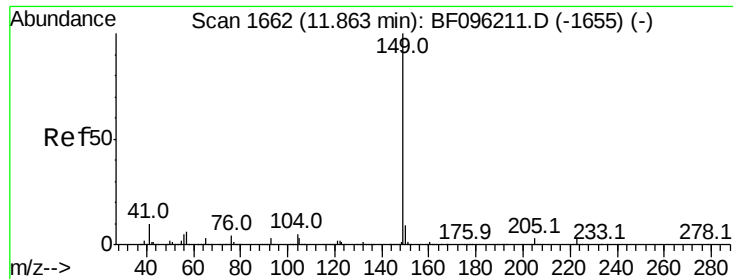
mohammad
 7/3/2017 11:36:38 AM



#72
 Carbazole
 Concen: 38.32 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	14.0	11.7	17.5





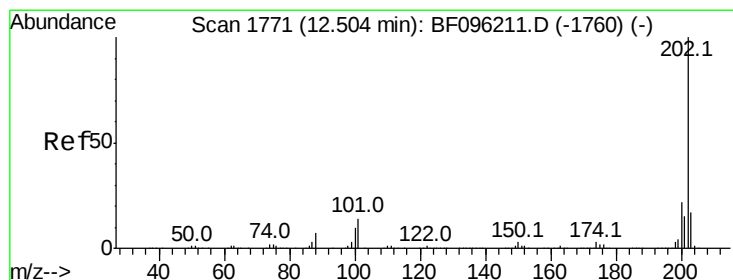
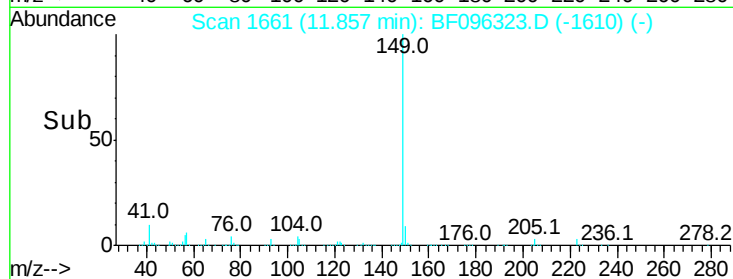
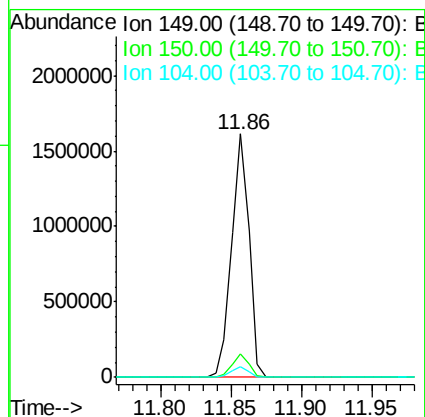
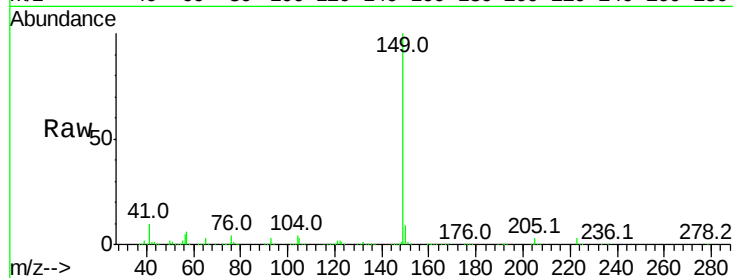
#73
Di-n-butylphthalate
Concen: 39.61 ng
RT: 11.86 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1384493
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.4 4.0 6.0

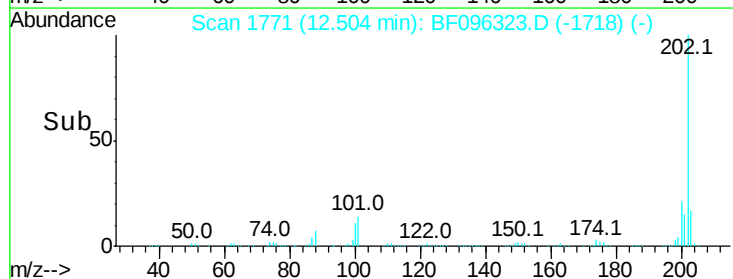
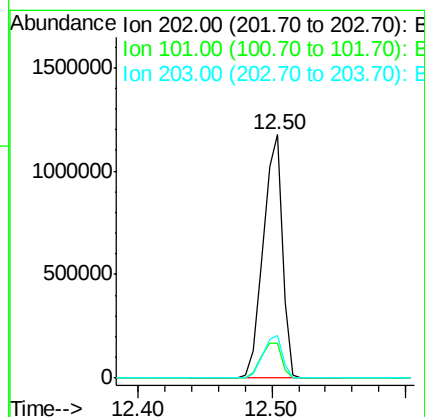
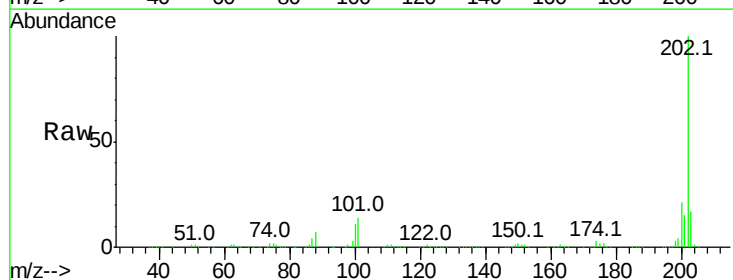
Manual Integrations
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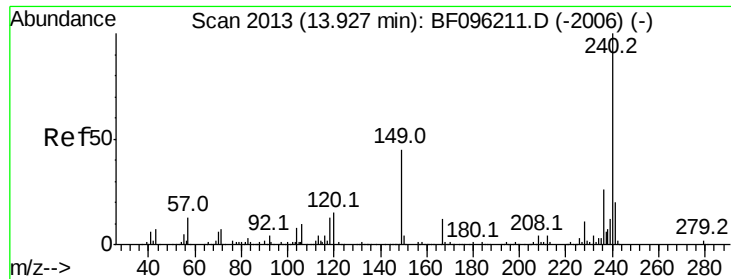
mohammad
7/3/2017 11:36:38 AM



#74
Fluoranthene
Concen: 38.71 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion:202 Resp: 1153835
Ion Ratio Lower Upper
202 100
101 14.2 0.0 33.2
203 17.4 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: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

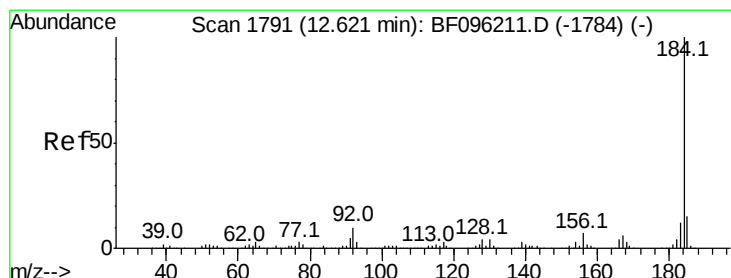
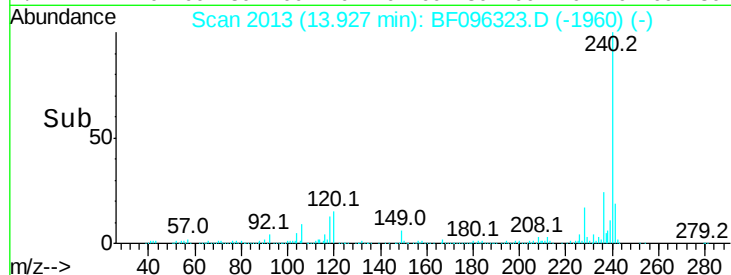
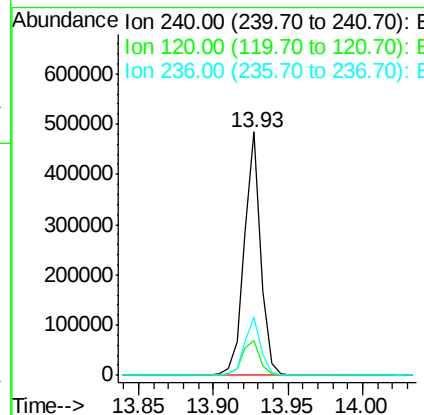
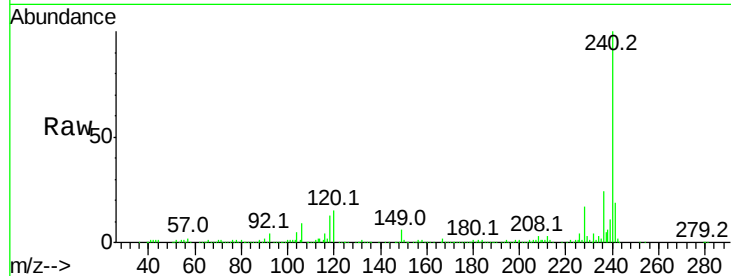
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.6	5.8	8.8#	
236	23.6	20.5	30.7	

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#76

Benzidine

Concen: 35.30 ng

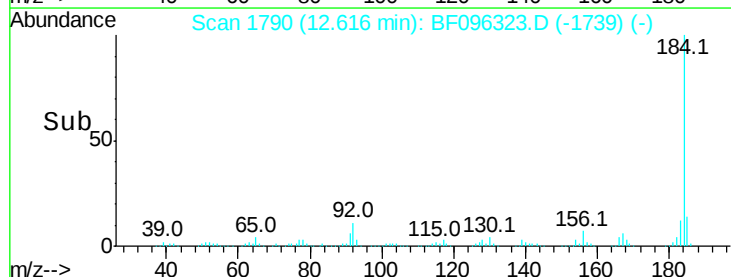
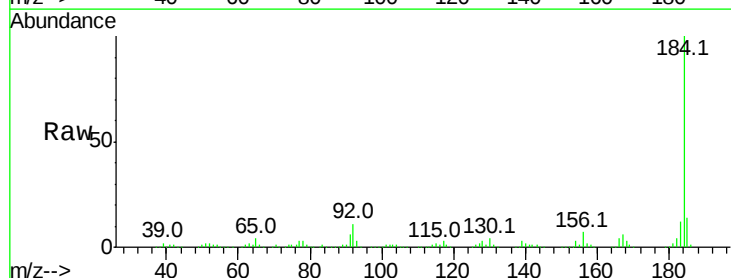
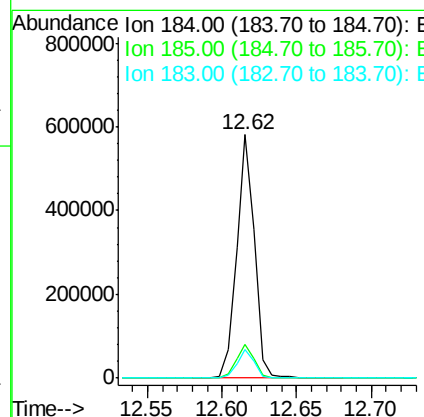
RT: 12.62 min Scan# 1790

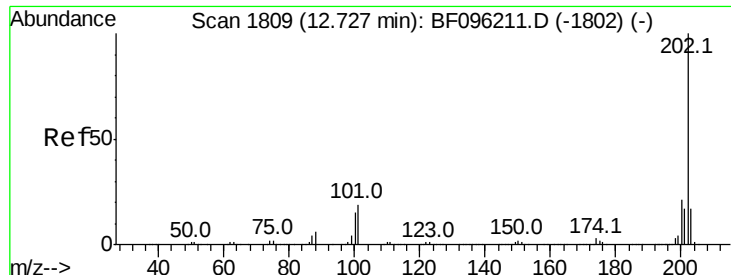
Delta R.T. -0.00 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.1	15.5	23.3#	
183	11.9	9.8	14.6	





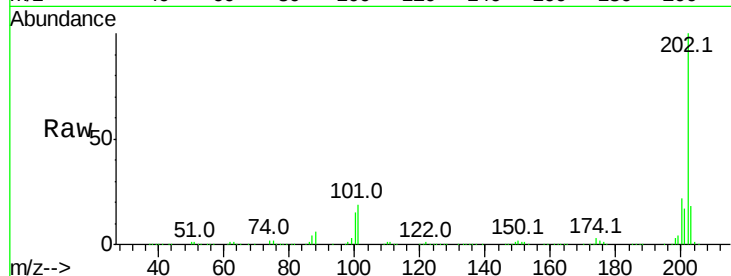
#77
Pvrene
Concen: 39.00 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.7	14.4	21.6

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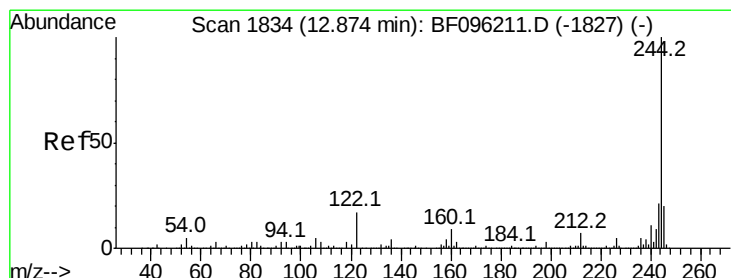
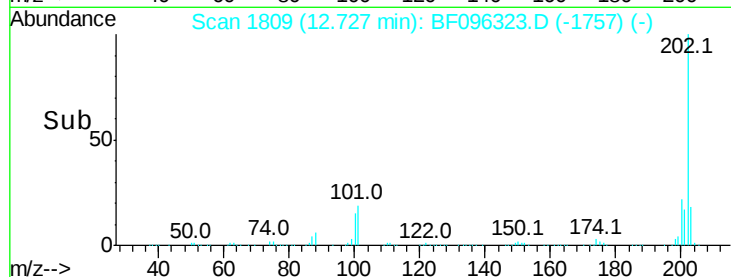
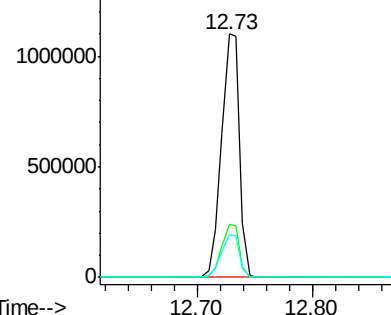


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 81.06 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

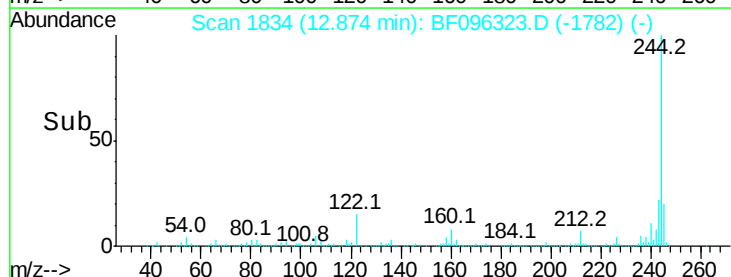
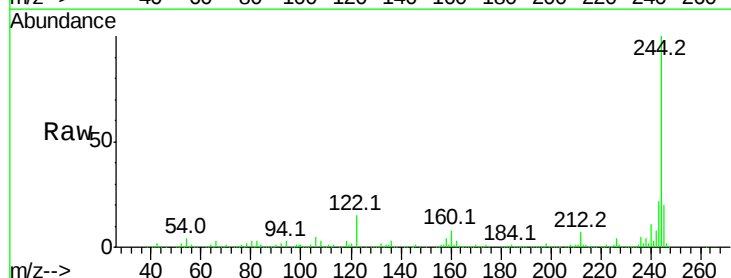
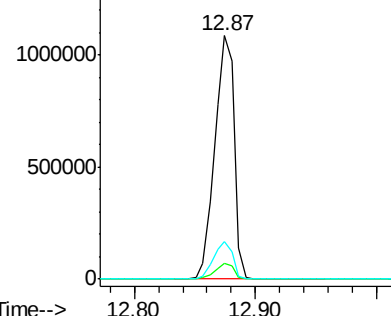
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.3	10.3	15.5

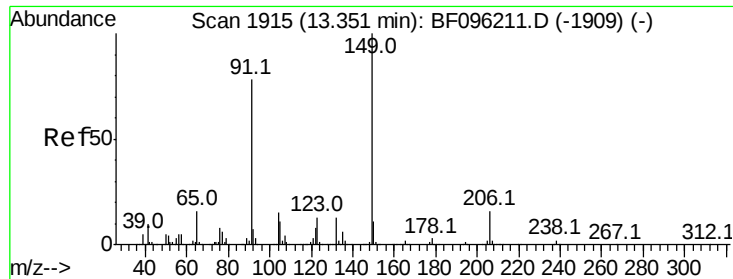
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





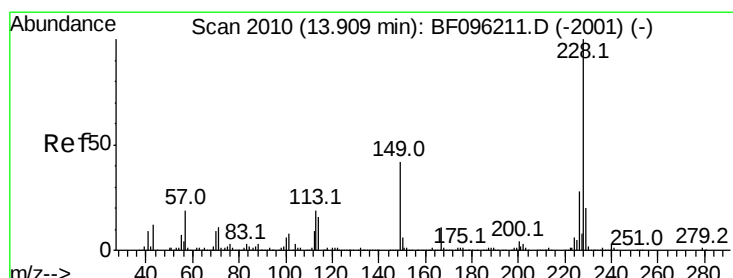
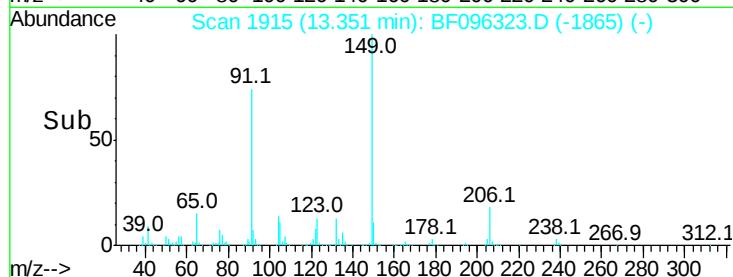
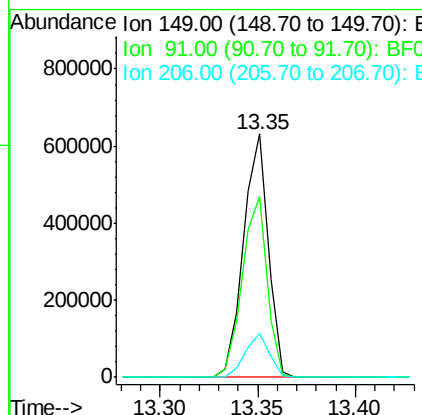
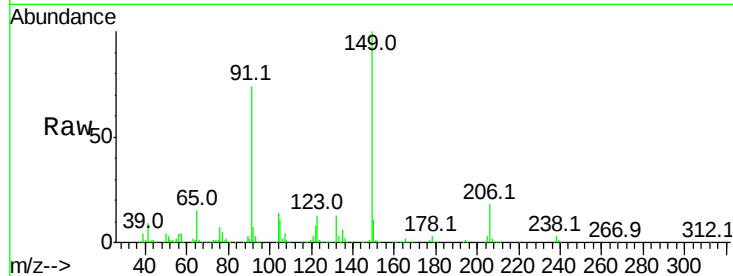
#79
Butylbenzylphthalate
Concen: 39.88 ng
RT: 13.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	74.1	45.0	67.4#
206	18.0	17.0	25.6

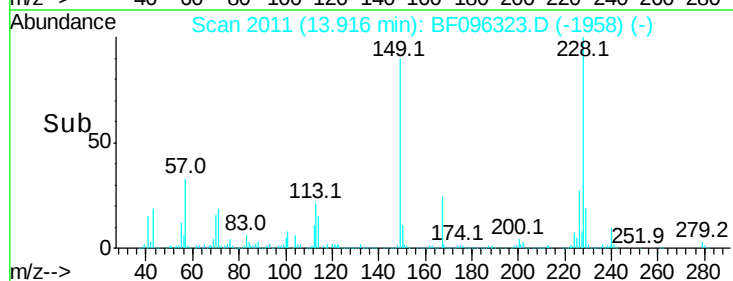
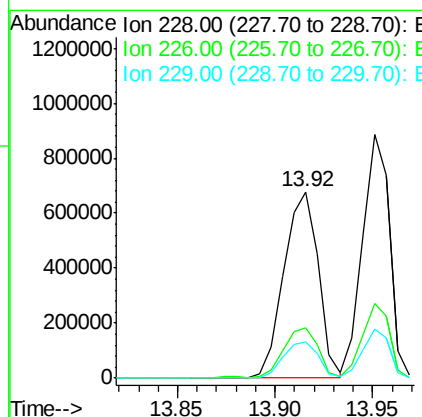
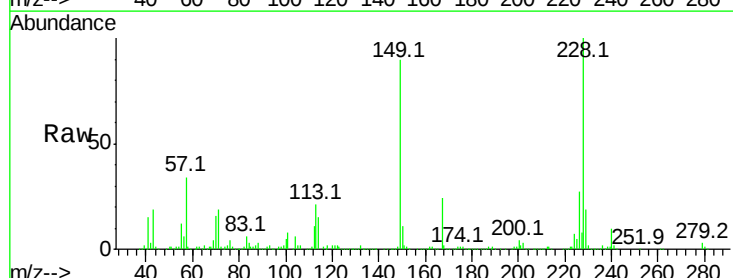
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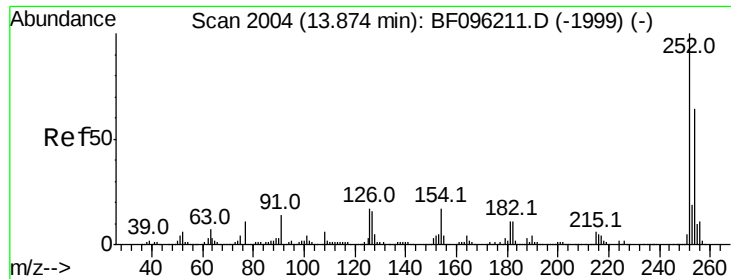
mohammad
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#80
Benzo(a)anthracene
Concen: 36.62 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.2	16.3	24.5





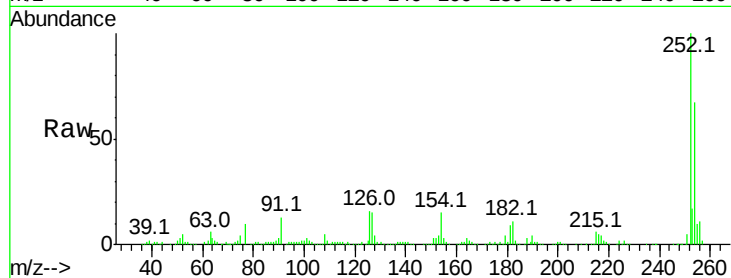
#81
 3,3'-Dichlorobenzidine
 Concen: 39.26 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

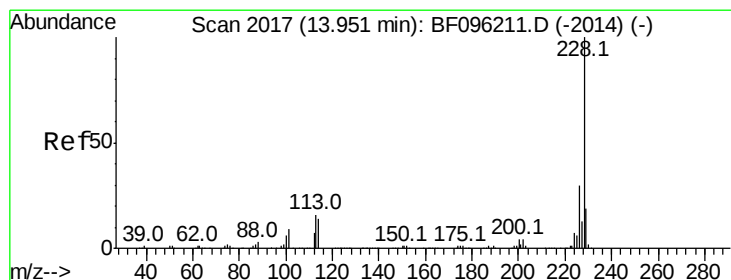
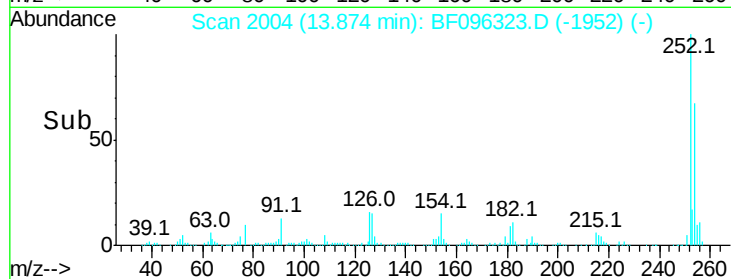
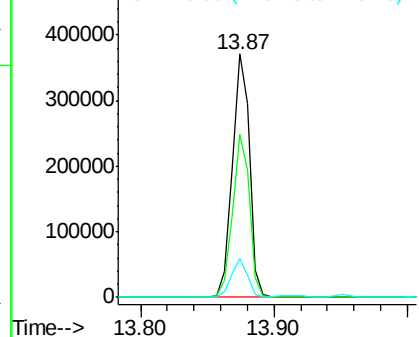
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	67.2	51.5	77.3
126	15.7	15.8	23.8

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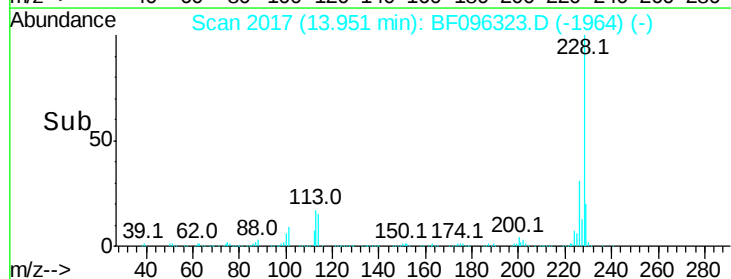
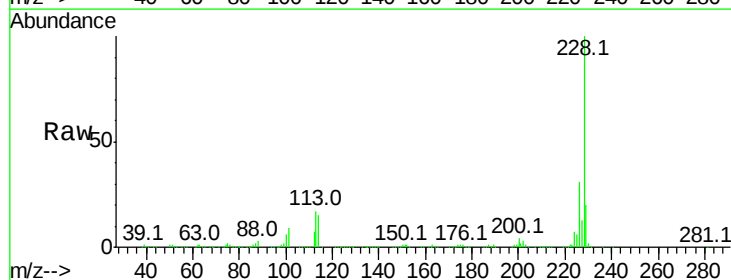
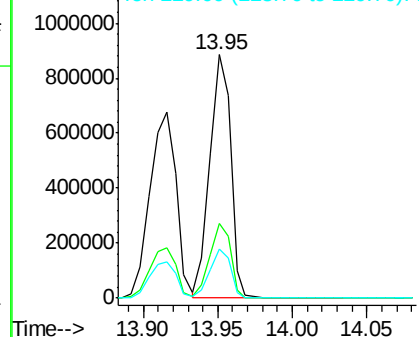
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

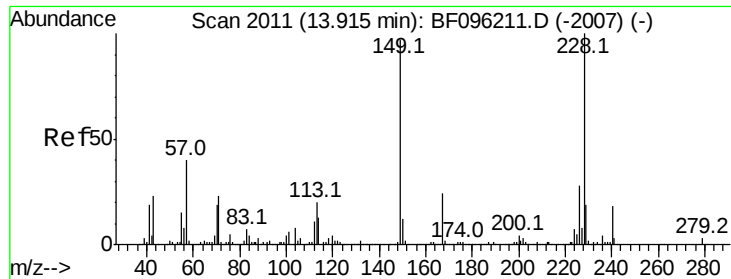


#82
 Chrysene
 Concen: 36.54 ng
 RT: 13.95 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.0	15.8	23.6

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





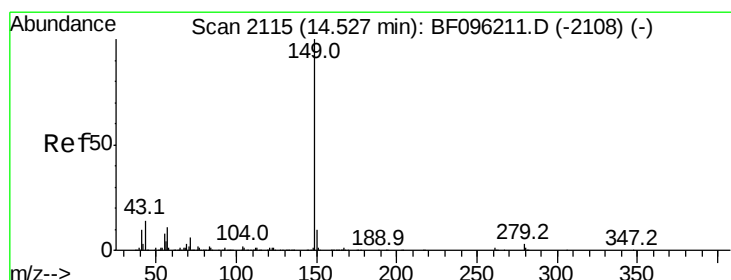
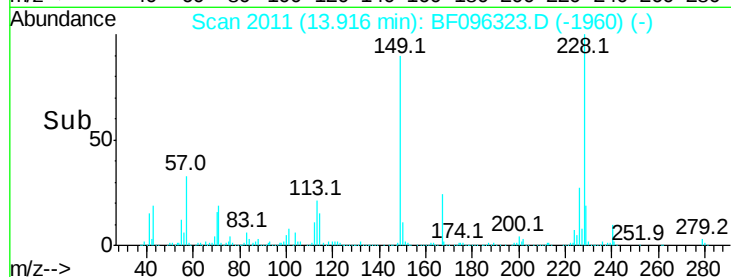
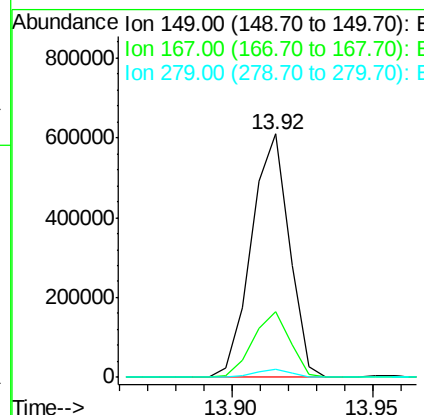
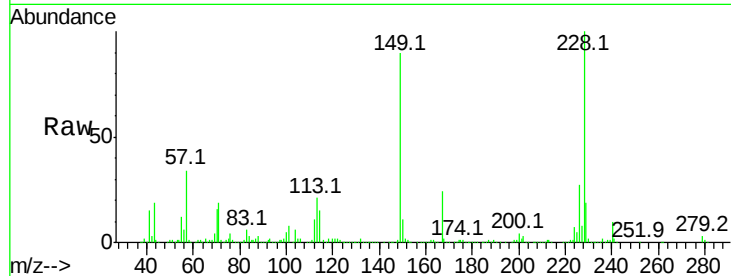
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.40 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.8	21.0	31.4	
279	3.3	1.9	2.9#	

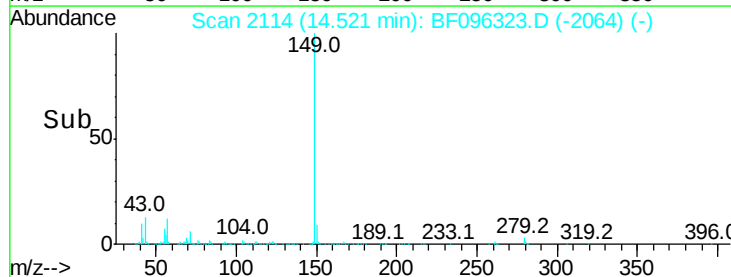
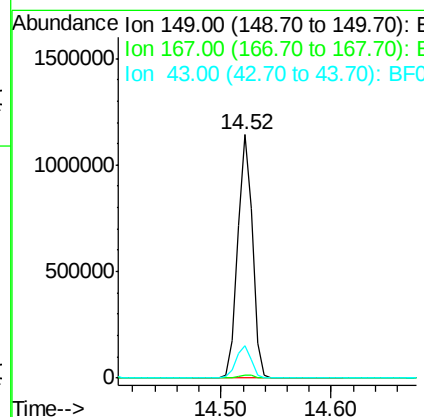
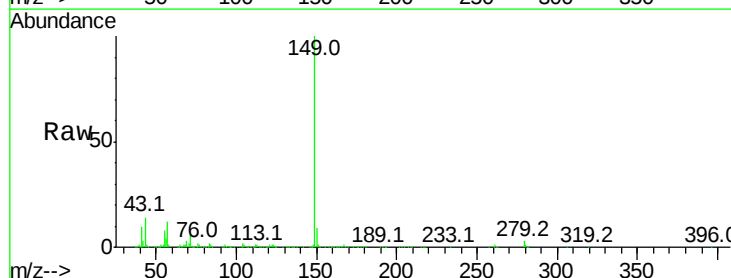
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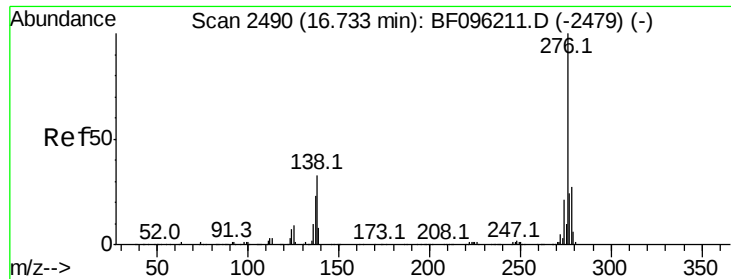
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#84
 Di-n-octyl phthalate
 Concen: 34.39 ng
 RT: 14.52 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	13.3	8.5	12.7#	





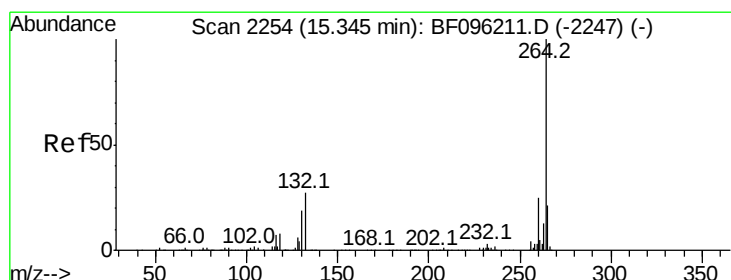
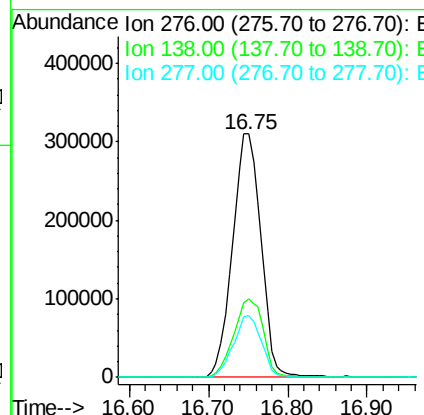
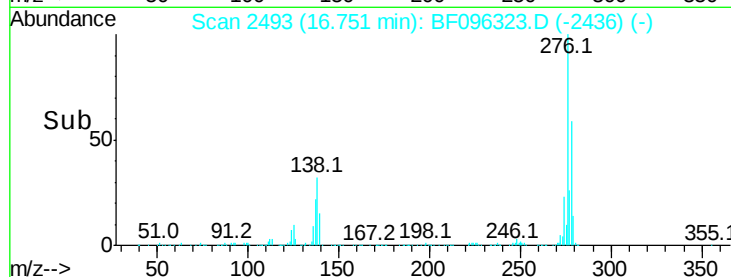
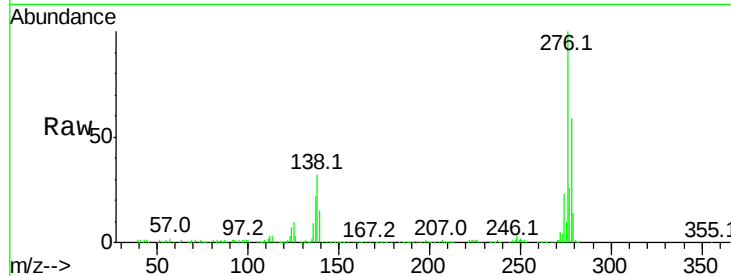
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.73 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.04 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	27.8	41.6
277	25.1	20.2	30.4

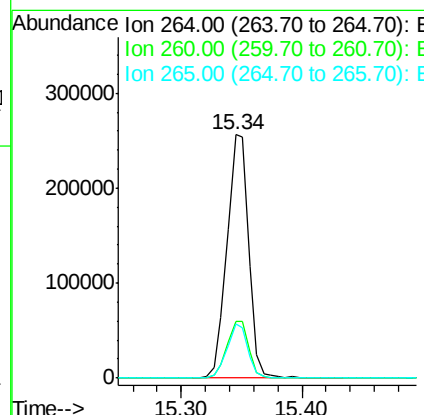
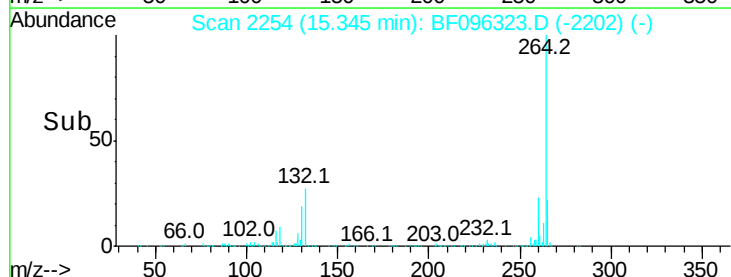
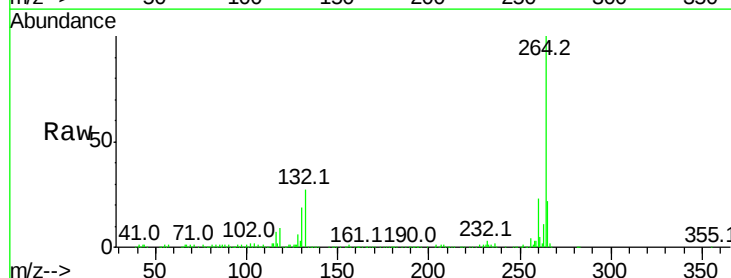
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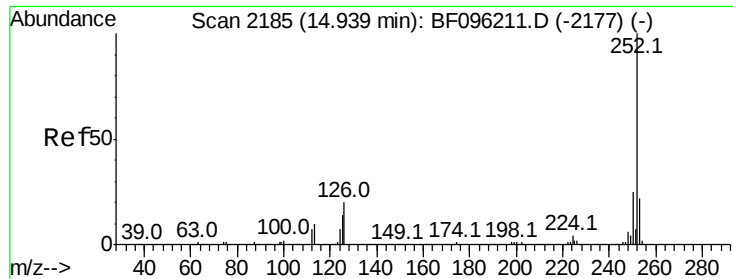
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.27 ng m

RT: 14.94 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Instrument :

BNA_F

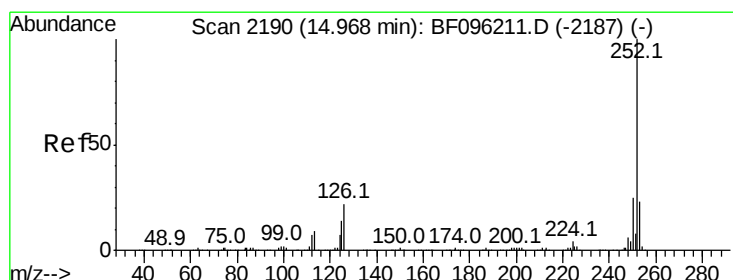
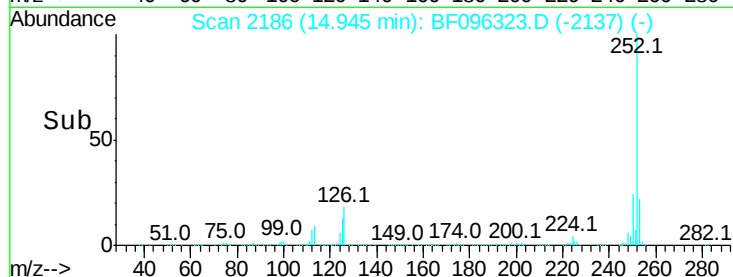
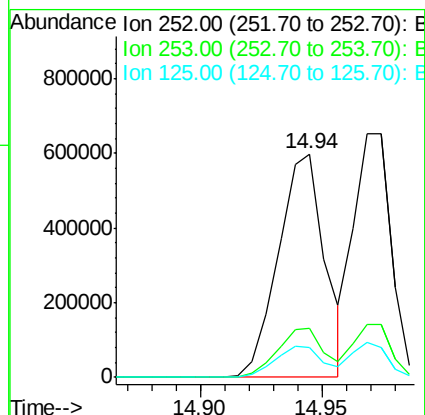
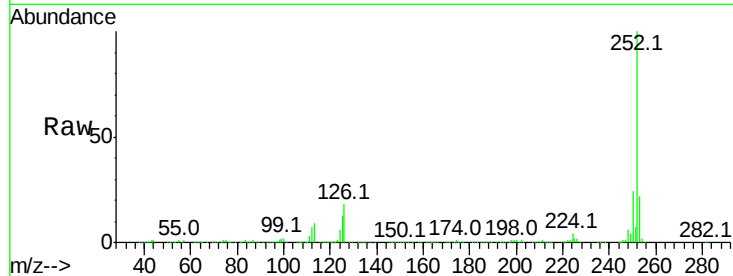
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	800200
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	13.3	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 37.11 ng m

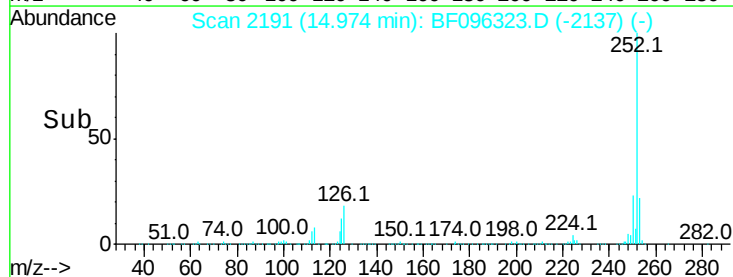
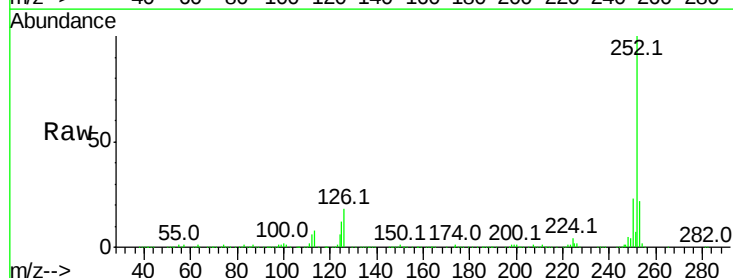
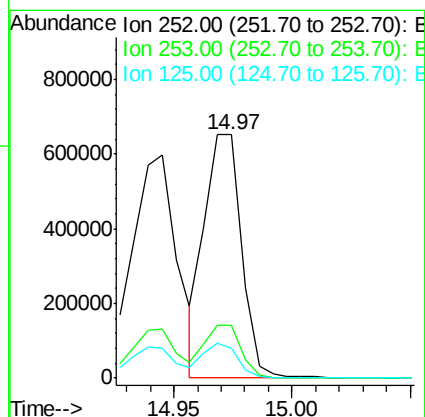
RT: 14.97 min Scan# 2191

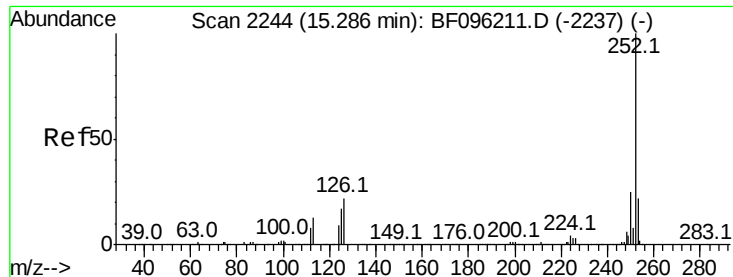
Delta R.T. 0.02 min

Lab File: BF096323.D

Acq: 30 Jun 2017 8:39

Tgt Ion:	252	Resp:	708390
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	12.2	13.1	19.7#





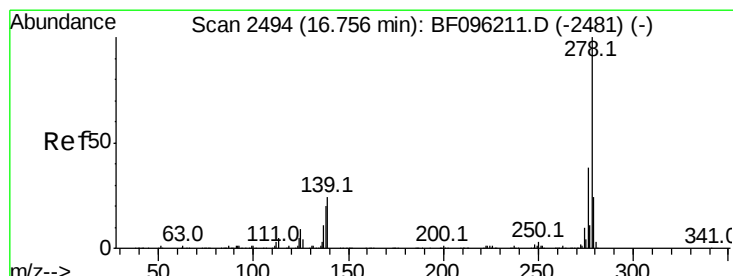
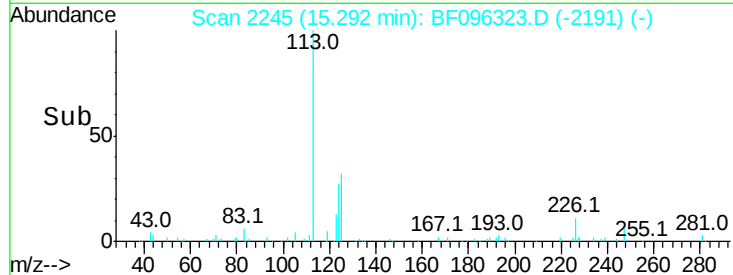
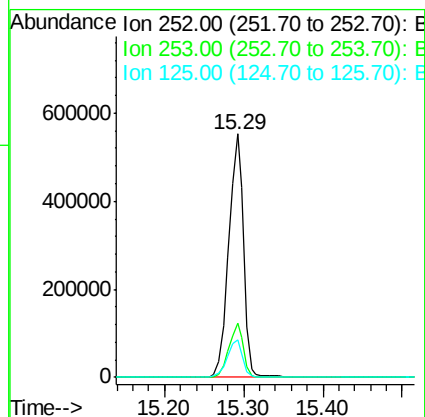
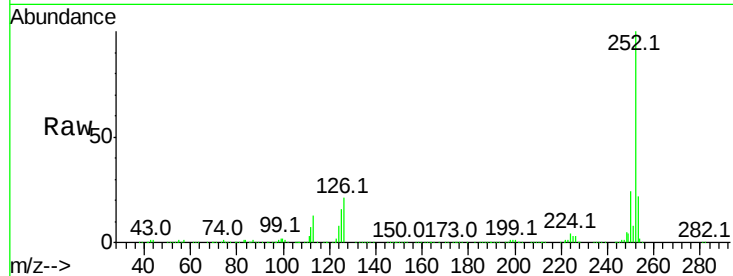
#89
Benzo(a)pyrene
Concen: 38.46 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	15.6	11.0	16.4

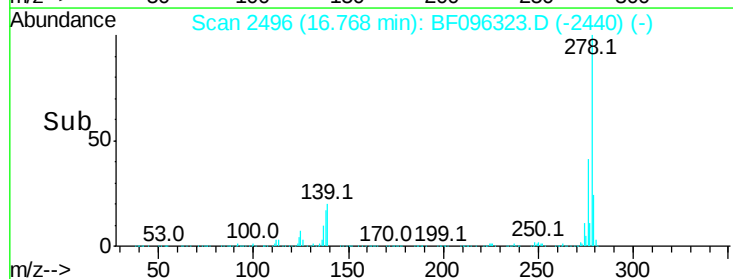
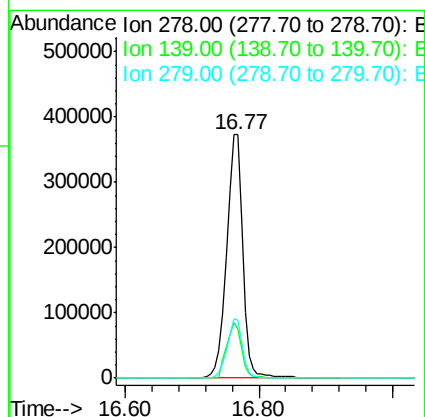
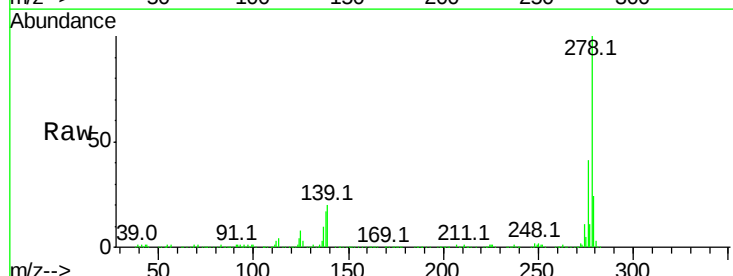
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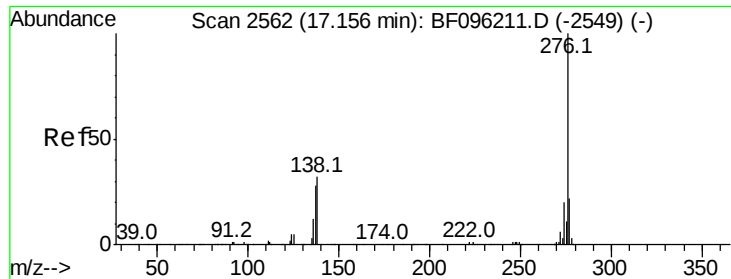
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 44.55 ng
RT: 16.77 min Scan# 2496
Delta R.T. 0.03 min
Lab File: BF096323.D
Acq: 30 Jun 2017 8:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 45.97 ng
 RT: 17.17 min Scan# 2565
 Delta R.T. 0.04 min
 Lab File: BF096323.D
 Acq: 30 Jun 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	29.0	25.4	38.0

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