

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096065.D
 Acq On : 21 Jun 2017 3:45
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad

6/21/2017 2:17:37 PM

Quant Time: Jun 21 06:51:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	67033	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	260927	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	103057	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	160759	20.00	ng	0.00
75) Chrysene-d12	18.27	240	126943	20.00	ng	0.00
86) Perylene-d12	19.94	264	93105	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	374209	88.95	ng	0.00
7) Phenol-d6	6.87	99	420348	83.46	ng	0.00
23) Nitrobenzene-d5	8.22	82	353673	84.18	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	67561	74.10	ng	0.00
44) 2-Fluorobiphenyl	11.11	172	642337	86.73	ng	0.00
78) Terphenyl-d14	16.93	244	450942	88.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.59	88	84232	42.09	ng	89
3) Pyridine	2.12	79	186220	39.59	ng	97
4) n-Nitrosodimethylamine	2.10	42	76739	42.92	ng	83
6) Aniline	6.79	93	271088	41.14	ng	94
8) 2-Chlorophenol	6.99	128	190697	42.63	ng	94
9) Benzaldehyde	6.60	77	132607	39.03	ng	98
10) Phenol	6.89	94	230974	44.21	ng	91
11) bis(2-Chloroethyl)ether	6.94	93	183191	44.26	ng	96
12) 1,3-Dichlorobenzene	7.19	146	210436	41.56	ng	98
13) 1,4-Dichlorobenzene	7.32	146	215836	42.04	ng	97
14) 1,2-Dichlorobenzene	7.55	146	202297	42.74	ng	96
15) Benzyl Alcohol	7.60	79	139107	40.24	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.80	45	238326	40.99	ng	95
17) 2-Methylphenol	7.85	107	156173	41.60	ng	98
18) Hexachloroethane	8.07	117	49547	29.22	ng	# 87
19) n-Nitroso-di-n-propylamine	8.03	70	132676	41.57	ng	94
20) 3+4-Methylphenols	8.10	107	199259	41.82	ng	# 55
22) Acetophenone	7.99	105	260294	42.62	ng	# 84
24) Nitrobenzene	8.25	77	190101	42.36	ng	95
25) Isophorone	8.65	82	316943	40.40	ng	# 94
26) 2-Nitrophenol	8.76	139	78220	33.28	ng	94
27) 2,4-Dimethylphenol	8.92	122	156241	42.84	ng	99
28) bis(2-Chloroethoxy)methane	9.03	93	220155	42.57	ng	99
29) 2,4-Dichlorophenol	9.20	162	145723	41.49	ng	95
30) 1,2,4-Trichlorobenzene	9.26	180	151531	41.46	ng	99
31) Naphthalene	9.36	128	529739	40.45	ng	98
32) Benzoic acid	9.26	122	54573m	26.51	ng	
33) 4-Chloroaniline	9.52	127	211663	41.35	ng	# 93
34) Hexachlorobutadiene	9.58	225	78051	41.33	ng	99
35) Caprolactam	10.16	113	41477	39.68	ng	95
36) 4-Chloro-3-methylphenol	10.40	107	144585	39.32	ng	91
37) 2-Methylnaphthalene	10.49	142	344657	38.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	135034	43.78	ng	98
42) 2,4,6-Trichlorophenol	11.00	196	85513	43.12	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.11	196	84300	39.97	ng	94
45) 1,1'-Biphenyl	11.26	154	372262	43.83	ng	97
46) 2-Chloronaphthalene	11.27	162	281326	42.39	ng	95
47) 2-Nitroaniline	11.50	65	85846	44.20	ng	# 80
48) Acenaphthylene	11.92	152	443682	39.10	ng	99
49) Dimethylphthalate	11.82	163	333303	42.60	ng	98
50) 2,6-Dinitrotoluene	11.91	165	59357	34.78	ng	# 73
51) Acenaphthene	12.20	154	260175	39.70	ng	99
52) 3-Nitroaniline	12.18	138	88261	44.39	ng	85
54) Dibenzofuran	12.49	168	364224	39.48	ng	99
55) 4-Nitrophenol	12.65	139	34633	32.73	ng	# 82
56) 2,4-Dinitrotoluene	12.59	165	72180	31.31	ng	# 92
57) Fluorene	13.04	166	307080	38.25	ng	97
58) 2,3,4,6-Tetrachlorophenol	12.74	232	51333	35.57	ng	# 94
59) Diethylphthalate	12.95	149	319603	42.44	ng	99
60) 4-Chlorophenyl-phenylether	13.07	204	137721	39.45	ng	90
61) 4-Nitroaniline	13.18	138	82381	44.37	ng	93
62) Azobenzene	13.33	77	244937	35.89	ng	92
64) 4,6-Dinitro-2-methylphenol	13.31	198	2165	2.05	ng	# 1
65) n-Nitrosodiphenylamine	13.28	169	252887	43.78	ng	99
66) 4-Bromophenyl-phenylether	13.85	248	73547	44.02	ng	92
67) Hexachlorobenzene	13.94	284	69713	42.34	ng	# 90
68) Atrazine	14.20	200	65903	40.99	ng	96
69) Pentachlorophenol	14.32	266	20268	36.39	ng	95
70) Phenanthrene	14.57	178	384589	41.46	ng	97
71) Anthracene	14.66	178	401564	41.47	ng	98
72) Carbazole	14.97	167	404297	42.84	ng	97
73) Di-n-butylphthalate	15.56	149	463849	46.20	ng	97
74) Fluoranthene	16.37	202	390681	42.55	ng	98
76) Benzidine	16.60	184	247272	50.72	ng	# 93
77) Pyrene	16.67	202	404809	42.74	ng	99
79) Butylbenzylphthalate	17.59	149	183992	44.48	ng	# 85
80) Benzo(a)anthracene	18.26	228	304489	41.26	ng	98
81) 3,3'-Dichlorobenzidine	18.24	252	119236	45.44	ng	# 96
82) Chrysene	18.30	228	293248	39.76	ng	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	262606	45.00	ng	99
84) Di-n-octyl phthalate	19.12	149	425561	44.26	ng	96
85) Indeno(1,2,3-cd)pyrene	21.10	276	209047	33.13	ng	99
87) Benzo(b)fluoranthene	19.54	252	252675	43.34	ng	98
88) Benzo(k)fluoranthene	19.57	252	237613	42.64	ng	# 95
89) Benzo(a)pyrene	19.89	252	219988	41.05	ng	98
90) Dibenzo(a,h)anthracene	21.10	278	182556	40.16	ng	98
91) Benzo(g,h,i)perylene	21.43	276	174545	37.67	ng	97

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

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ALS Vial : 2 Sample Multiplier: 1

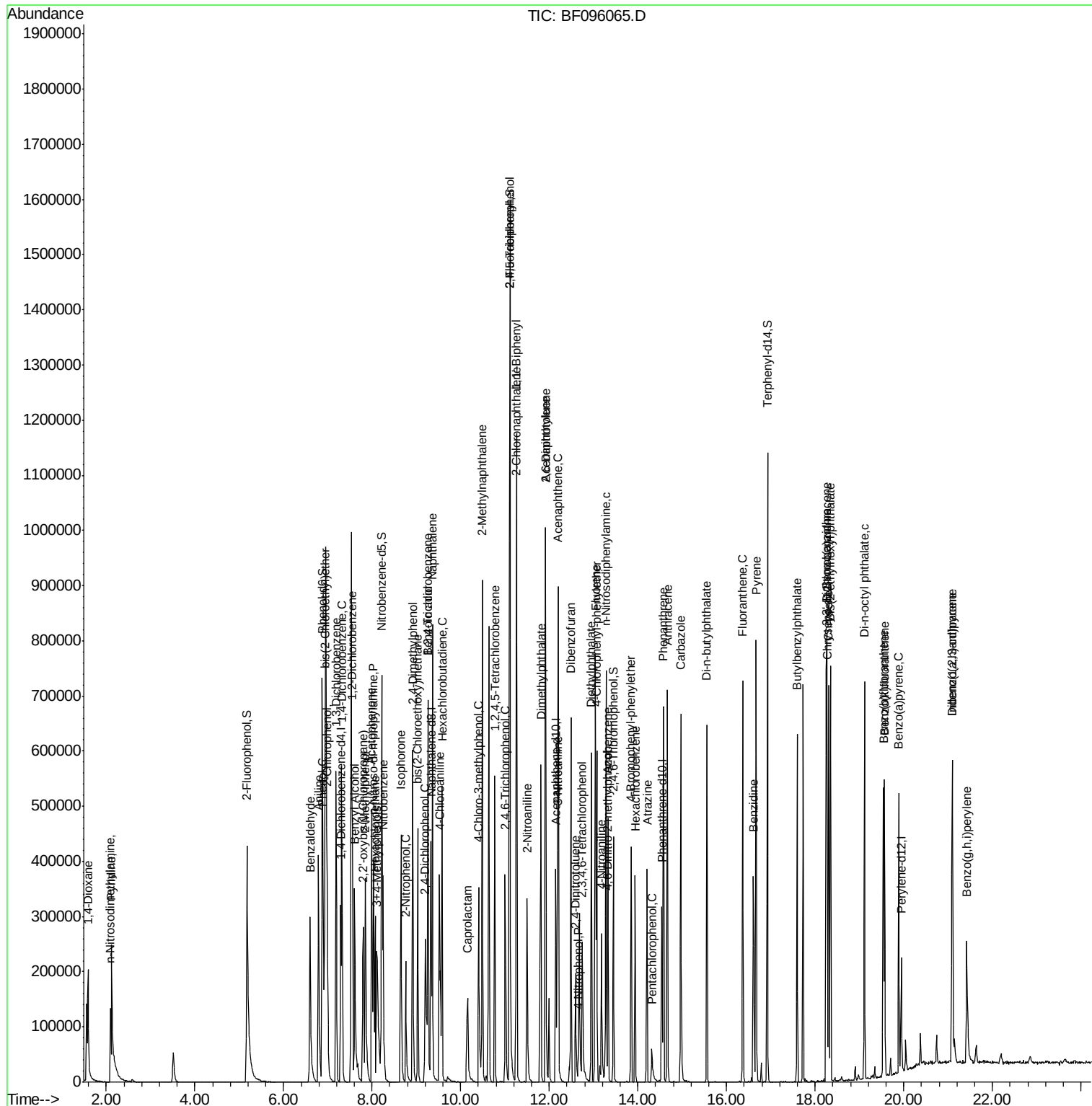
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

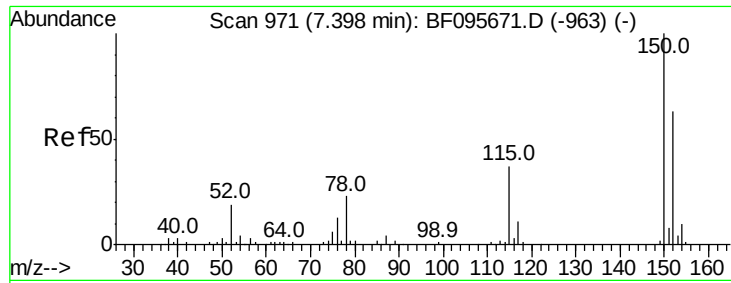
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#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

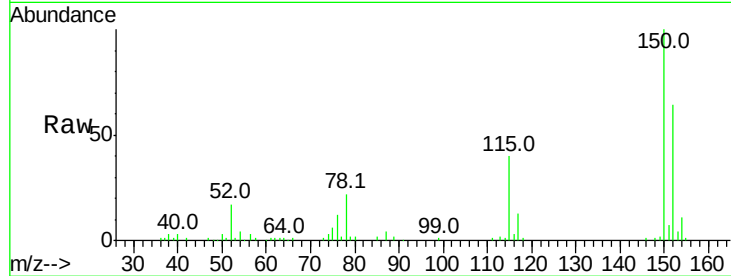
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	63.7	52.2	78.2

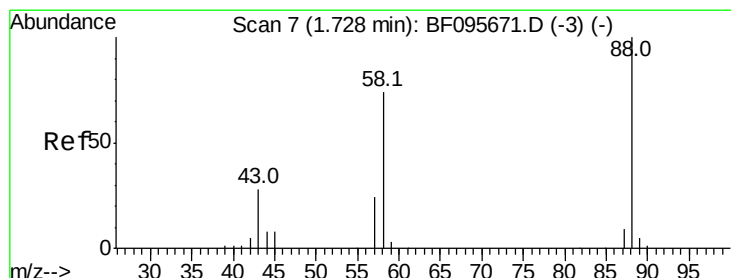
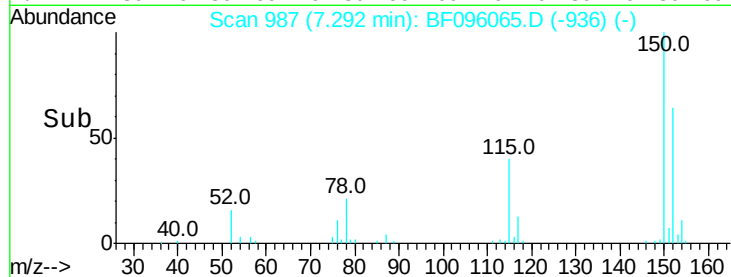
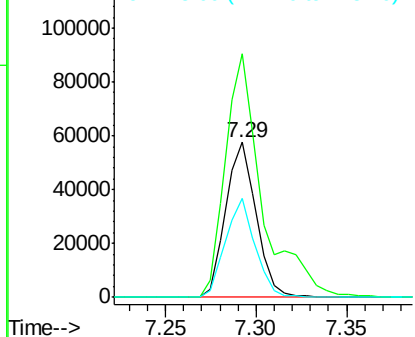
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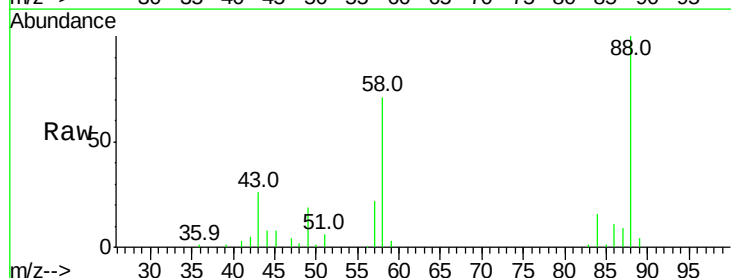
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



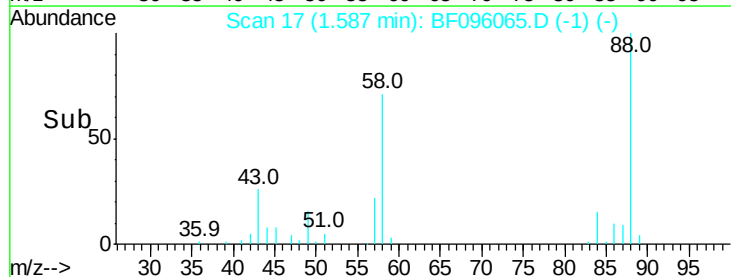
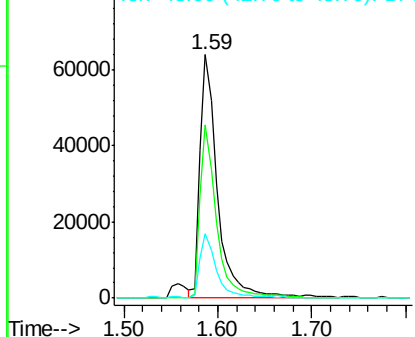
#2

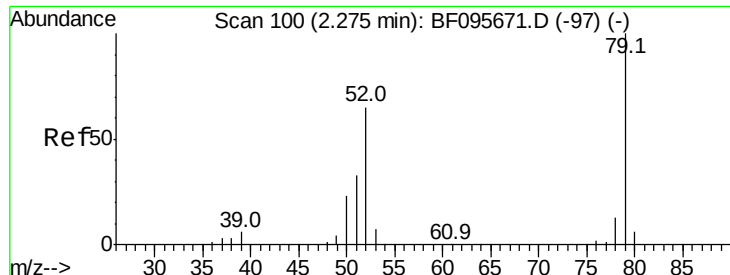
1,4-Dioxane
Concen: 42.09 ng
RT: 1.59 min Scan# 17
Delta R.T. -0.02 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	61.4	92.0
43	25.0	23.4	35.0



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





#3
 Pvridine
 Concen: 39.59 ng
 RT: 2.12 min Scan# 107
 Delta R.T. -0.02 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

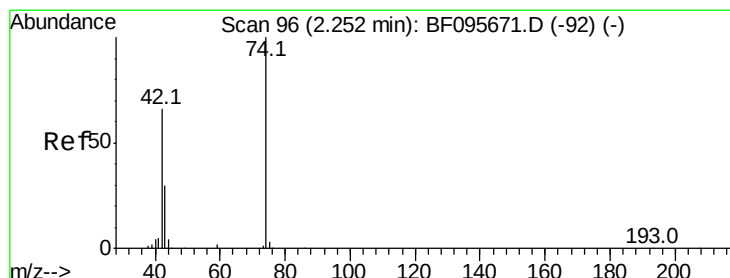
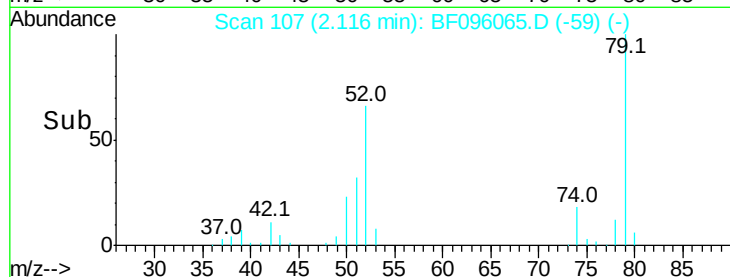
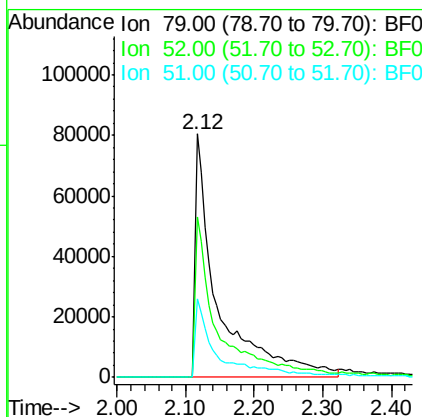
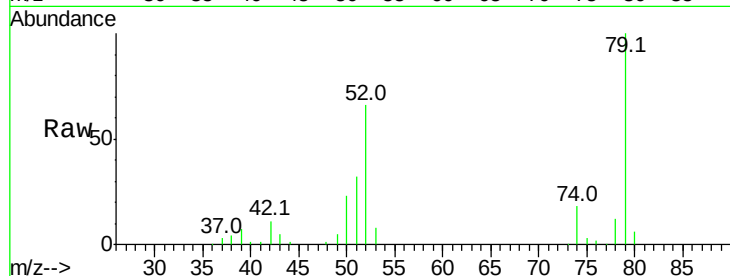
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 186220
 Ion Ratio Lower Upper
 79 100
 52 65.8 54.8 82.2
 51 32.4 27.0 40.4

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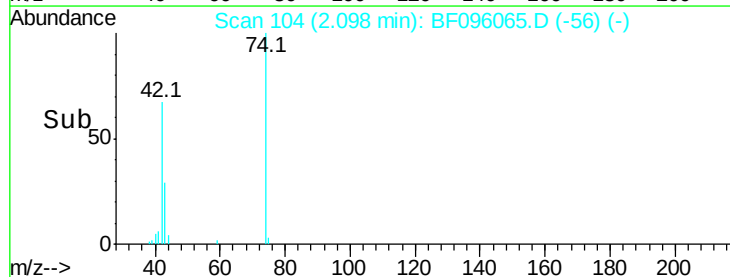
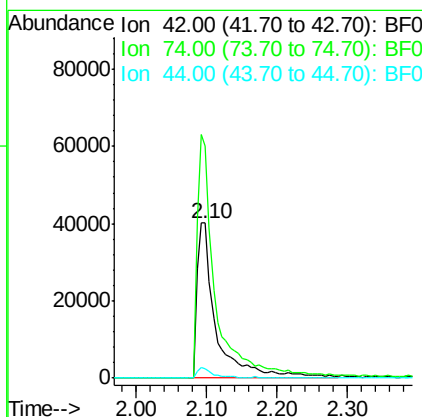
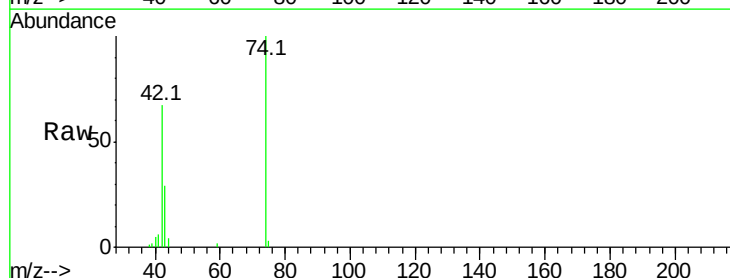
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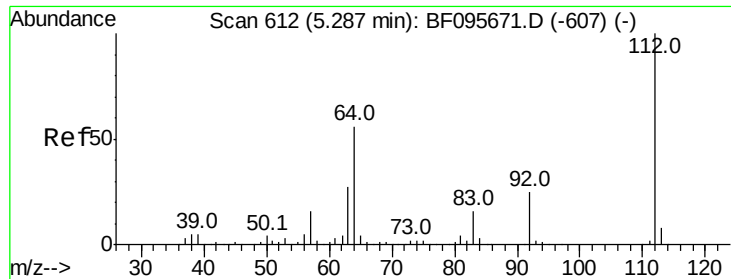
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#4
 n-Nitrosodimethylamine
 Concen: 42.92 ng
 RT: 2.10 min Scan# 104
 Delta R.T. -0.02 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

Tgt Ion: 42 Resp: 76739
 Ion Ratio Lower Upper
 42 100
 74 150.0 103.9 155.9
 44 6.2 5.7 8.5





#5

2-Fluorophenol

Concen: 88.95 ng

RT: 5.17 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

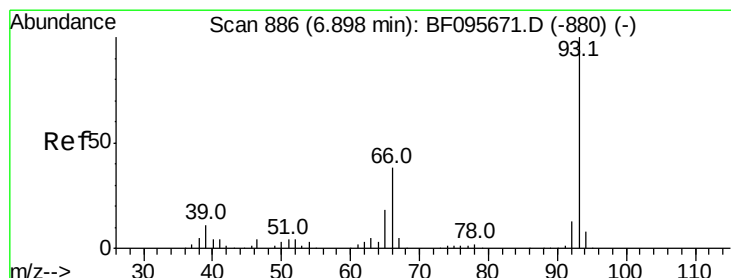
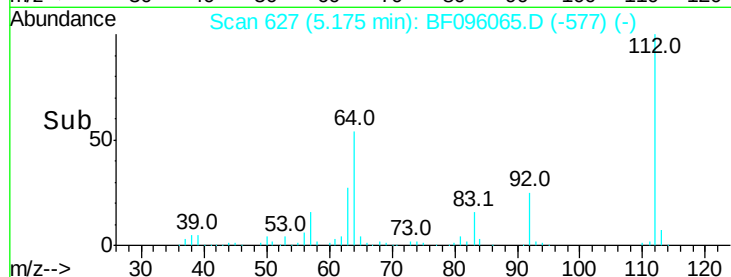
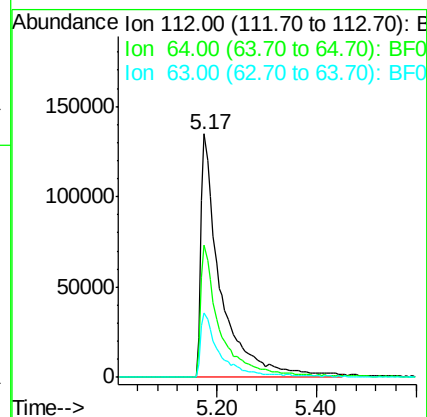
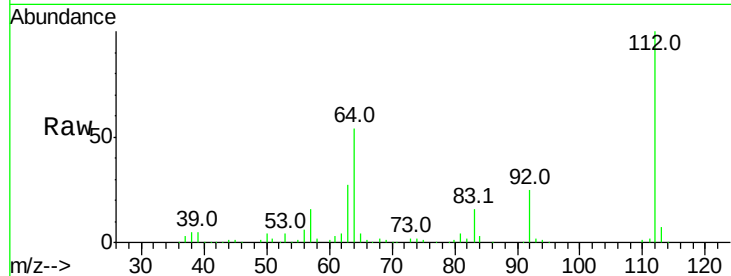
SSTDCCC040

Tot Ion:	112	Resp:	374209
Ion Ratio	Lower	Upper	
112	100		
64	54.3	46.0	69.0
63	26.6	23.4	35.0

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#6

Aniline

Concen: 41.14 ng

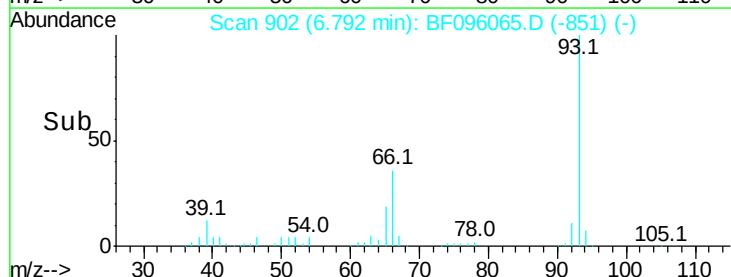
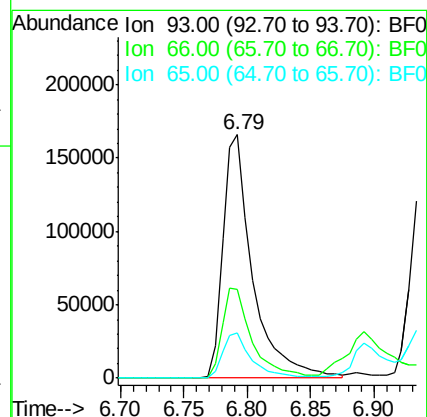
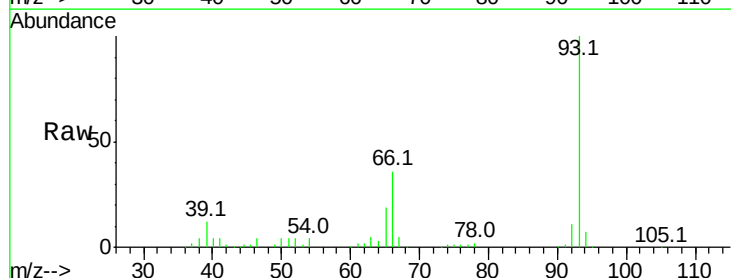
RT: 6.79 min Scan# 902

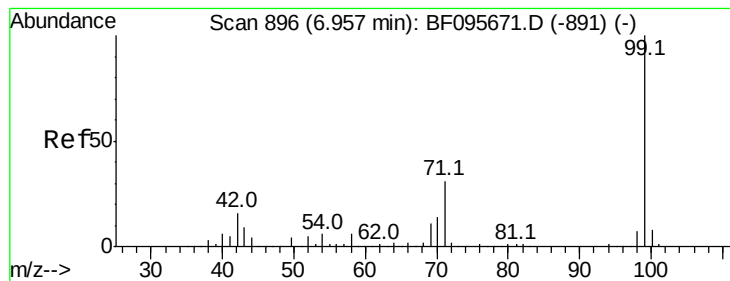
Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion:	93	Resp:	271088
Ion Ratio	Lower	Upper	
93	100		
66	36.5	32.9	49.3
65	18.8	16.0	24.0





#7

Phenol-d6

Concen: 83.46 ng

RT: 6.87 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

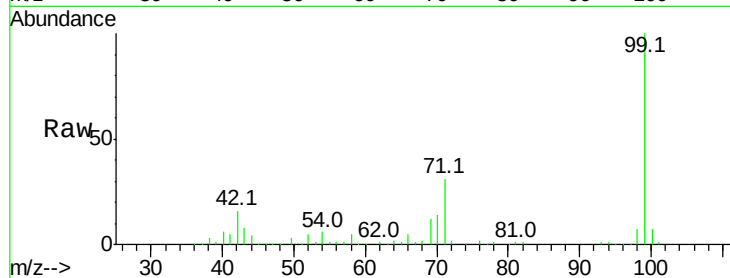
SSTDCCC040

Tot Ion:	99	Resp:	420348
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	30.7	24.5	36.7

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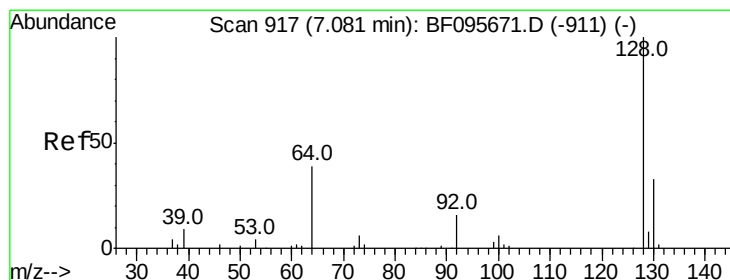
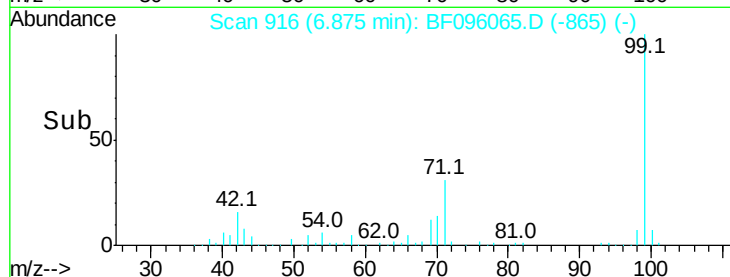
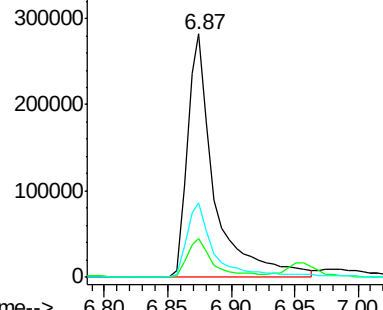
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.63 ng

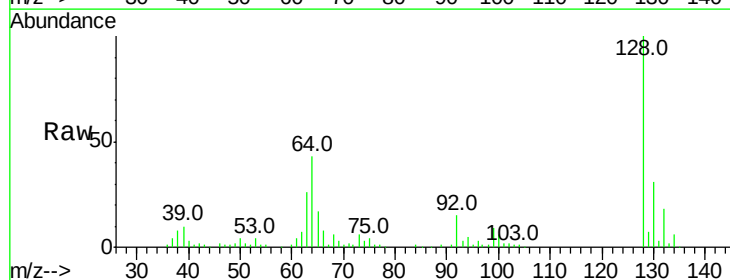
RT: 6.99 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

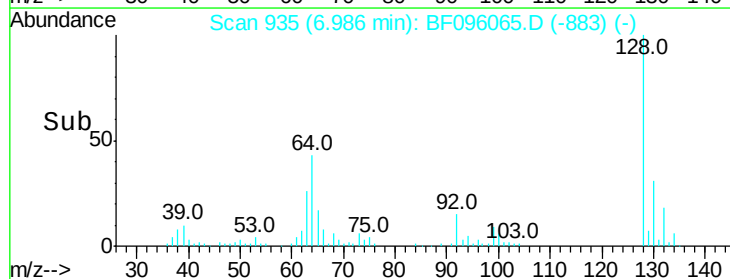
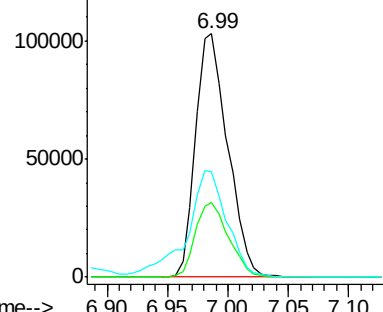
Tgt Ion:	128	Resp:	190697
Ion Ratio	Lower	Upper	
128	100		
130	30.6	12.9	52.9
64	43.3	28.4	68.4

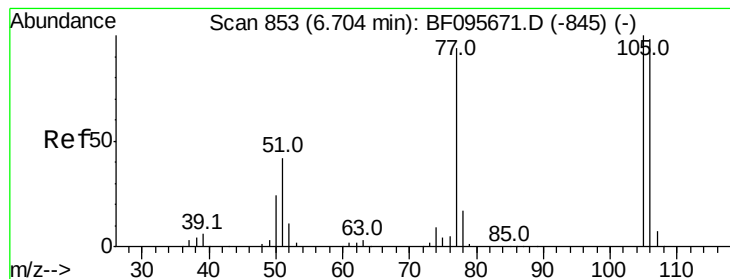


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.03 ng

RT: 6.60 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

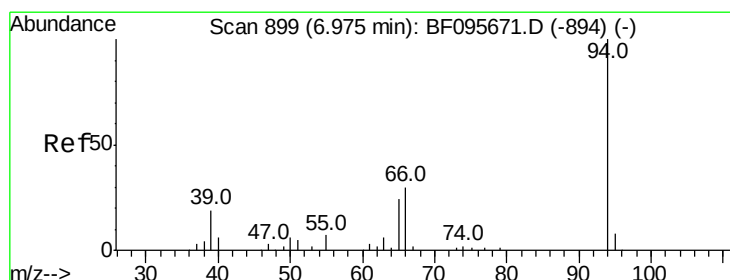
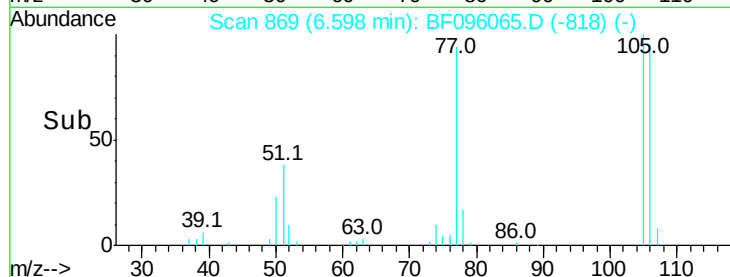
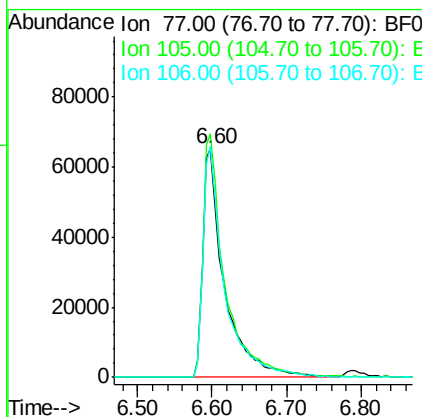
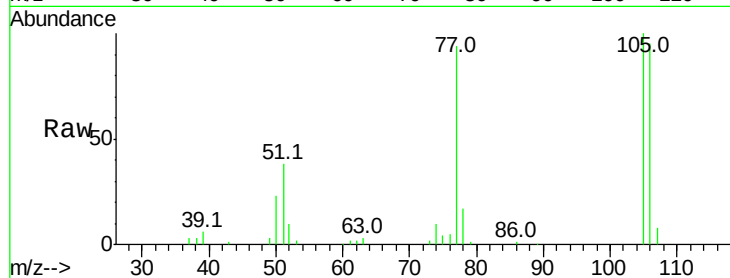
SSTDCCC040

Tot Ion:	77	Resp:	132607
Ion	Ratio	Lower	Upper
77	100		
105	106.6	83.8	123.8
106	101.0	79.1	119.1

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#10

Phenol

Concen: 44.21 ng

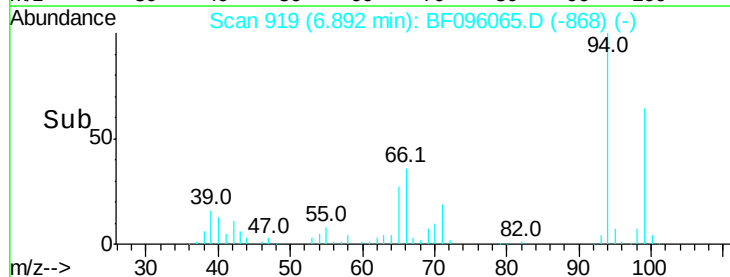
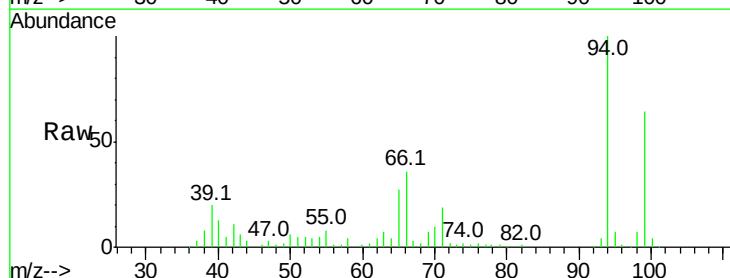
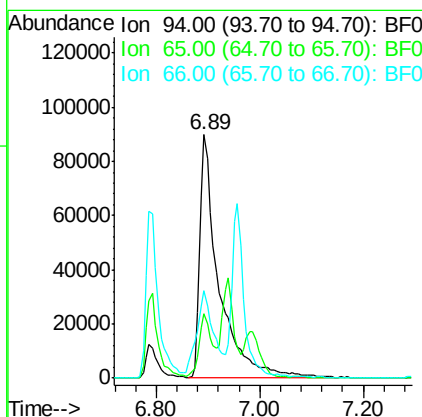
RT: 6.89 min Scan# 919

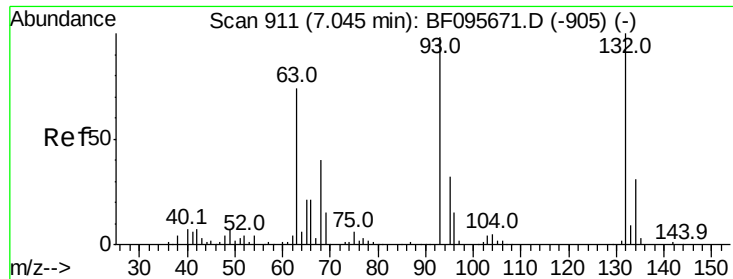
Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion:	94	Resp:	230974
Ion	Ratio	Lower	Upper
94	100		
65	26.6	9.9	49.9
66	35.7	23.1	63.1





#11
bis(2-Chloroethyl)ether
Concen: 44.26 ng
RT: 6.94 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

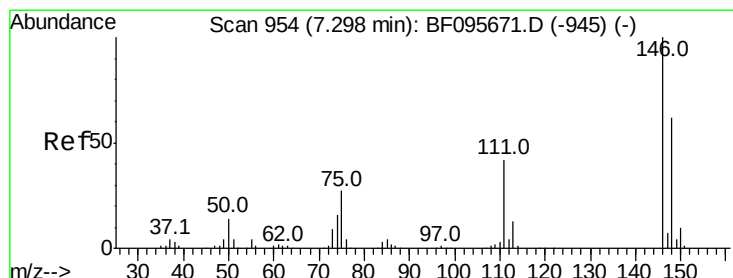
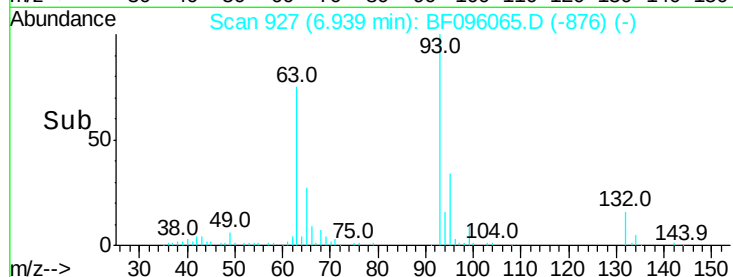
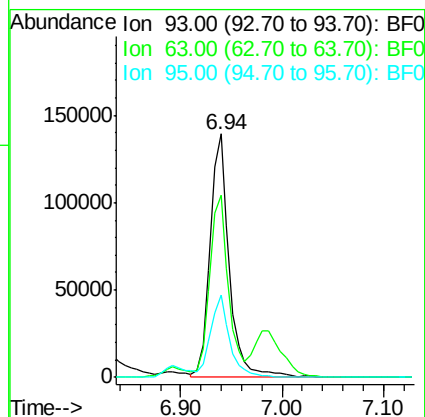
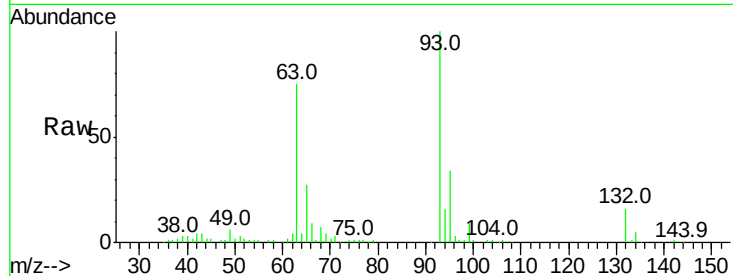
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	59.2	99.2
95	33.7	12.8	52.8

Manual Integrations
APPROVED

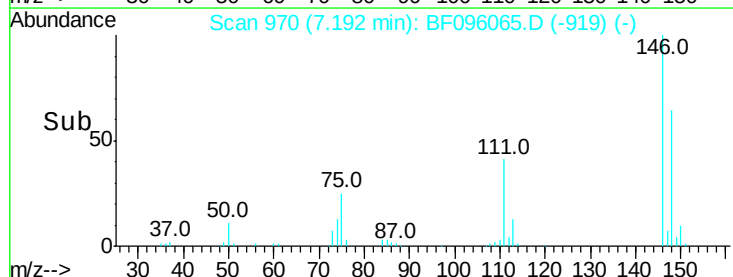
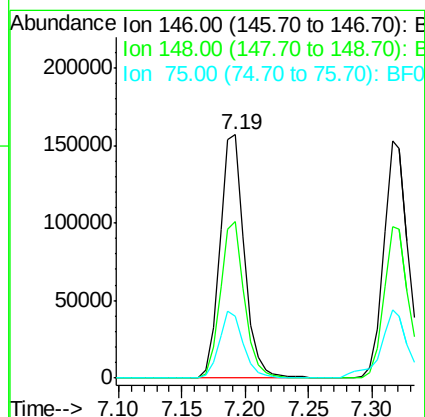
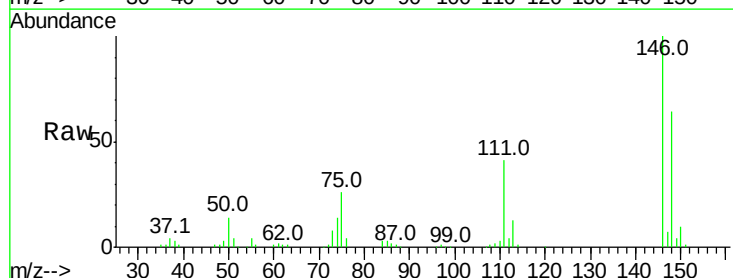
mohammad

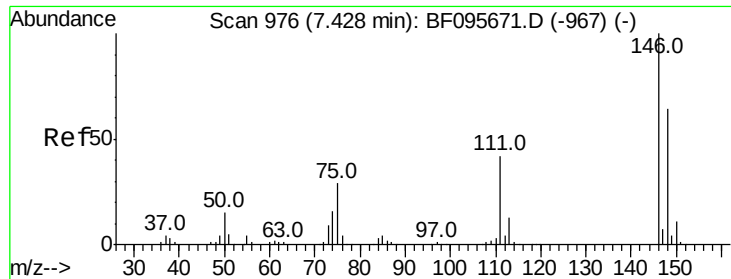
6/21/2017 2:17:37 PM



#12
1,3-Dichlorobenzene
Concen: 41.56 ng
RT: 7.19 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	25.6	23.1	34.7





#13
1,4-Dichlorobenzene
Concen: 42.04 ng
RT: 7.32 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

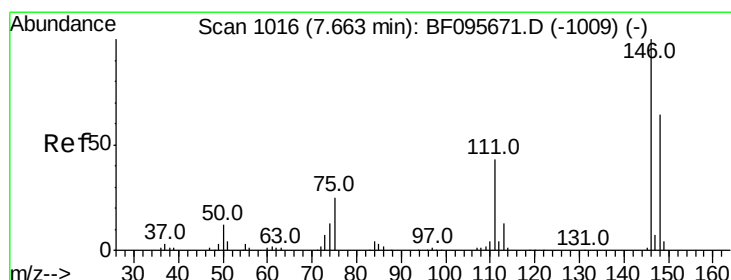
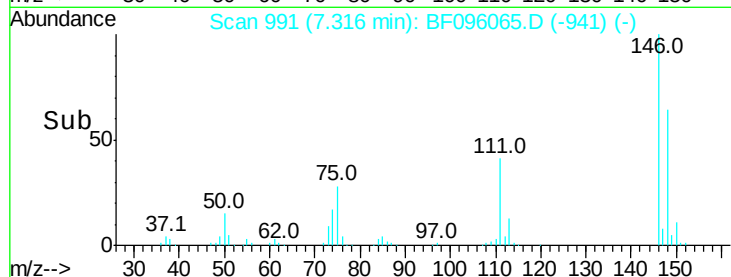
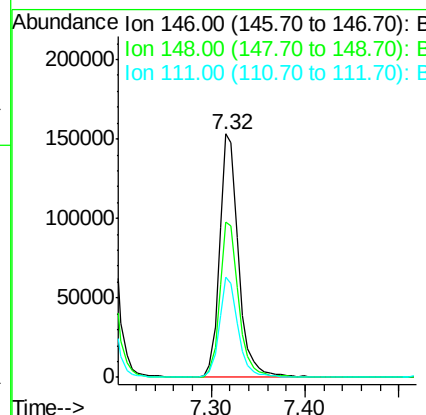
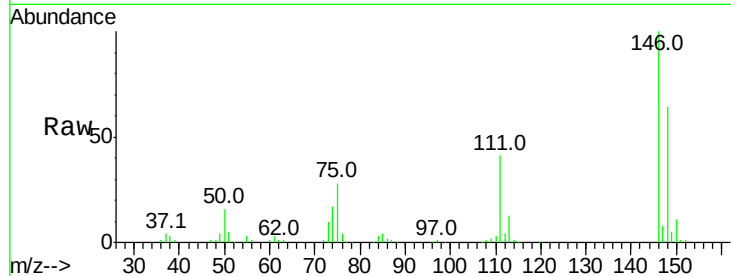
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	41.2	30.3	45.5

Manual Integrations
APPROVED

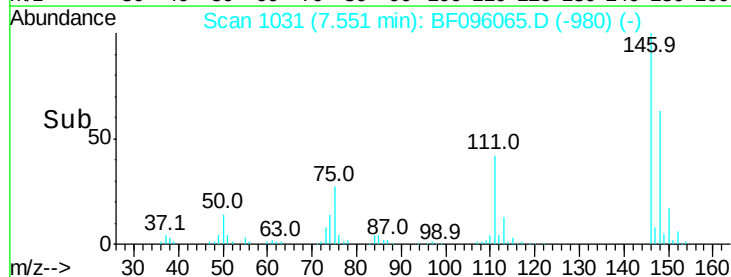
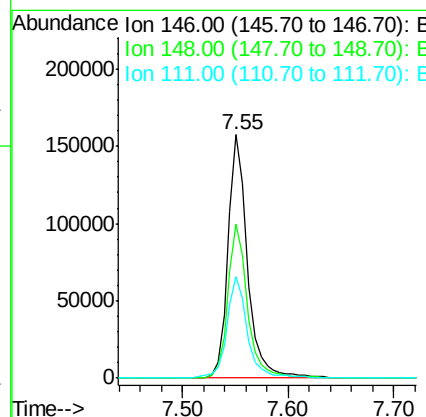
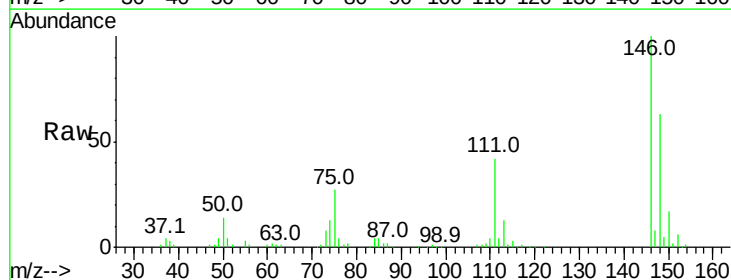
mohammad

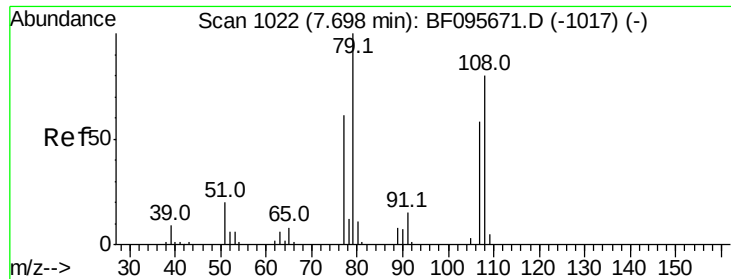
6/21/2017 2:17:37 PM



#14
1,2-Dichlorobenzene
Concen: 42.74 ng
RT: 7.55 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	41.8	38.2	57.4





#15
Benzyl Alcohol
Concen: 40.24 ng
RT: 7.60 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

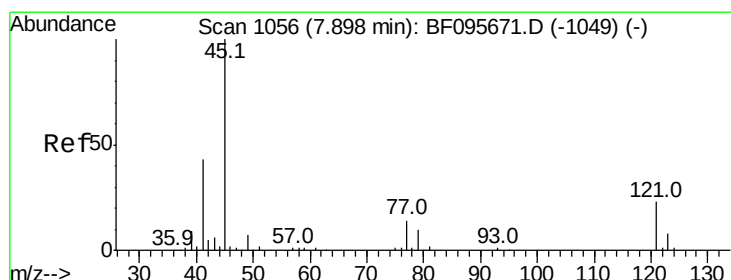
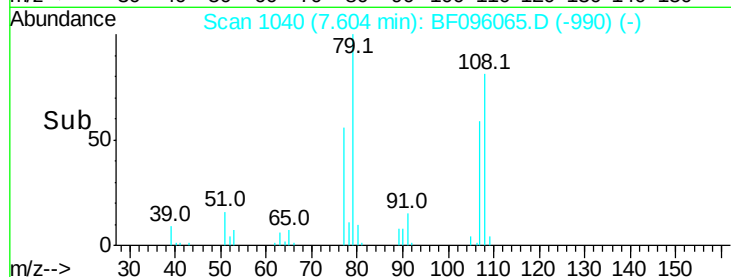
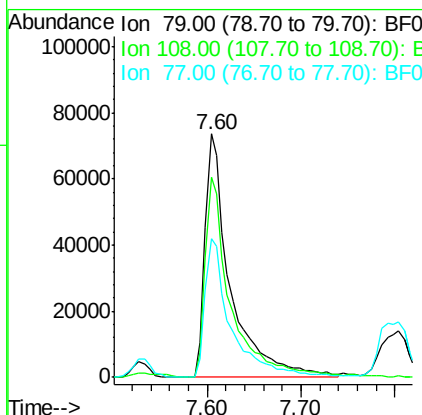
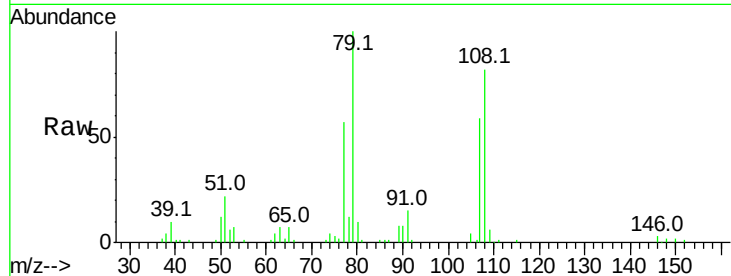
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	63.4	95.0
77	57.0	49.2	73.8

Manual Integrations
APPROVED

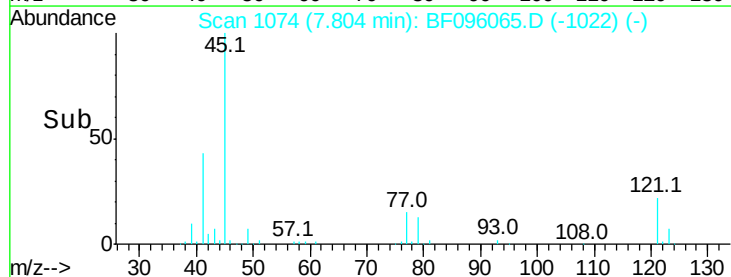
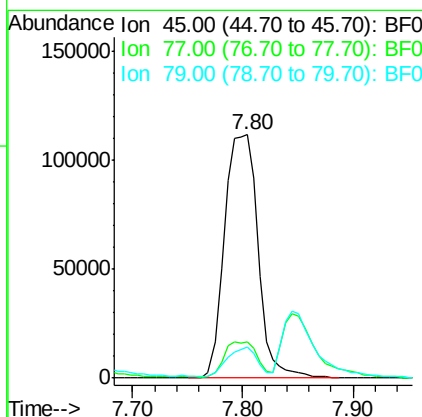
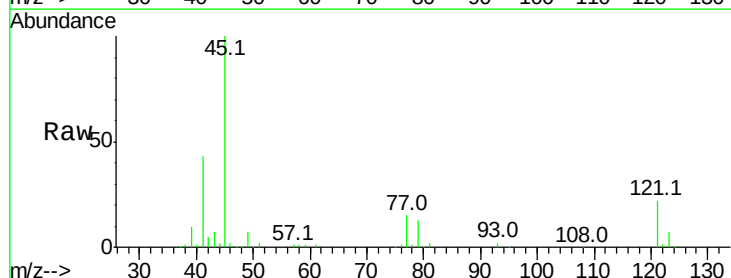
mohammad

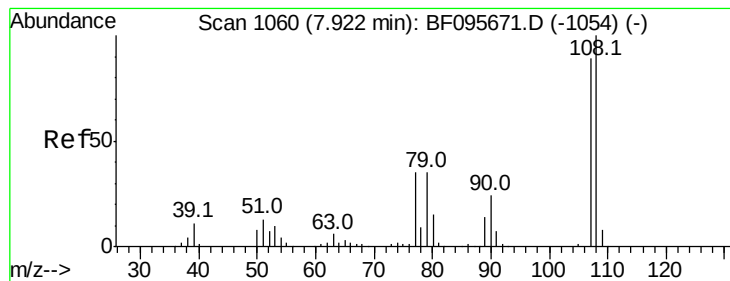
6/21/2017 2:17:37 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.99 ng
RT: 7.80 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	33.2
79	12.6	0.0	30.0





#17
2-Methylphenol
Concen: 41.60 ng
RT: 7.85 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

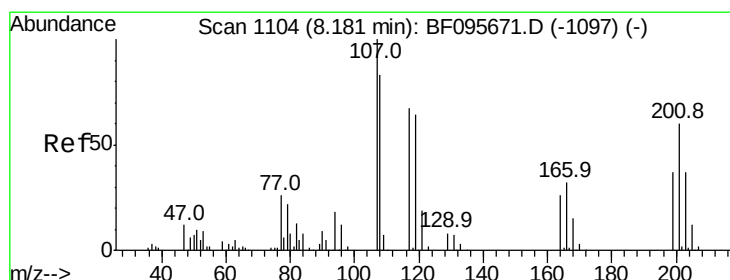
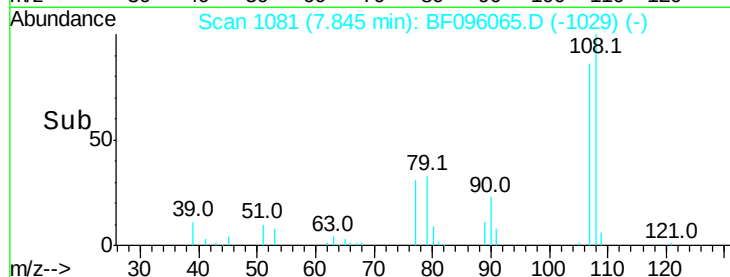
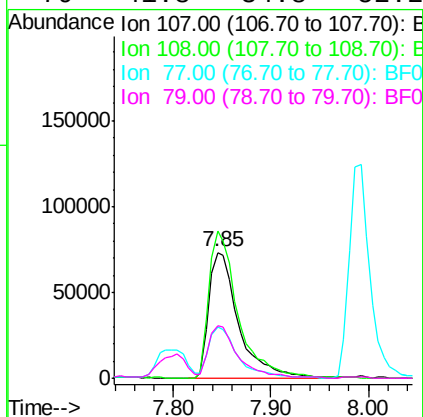
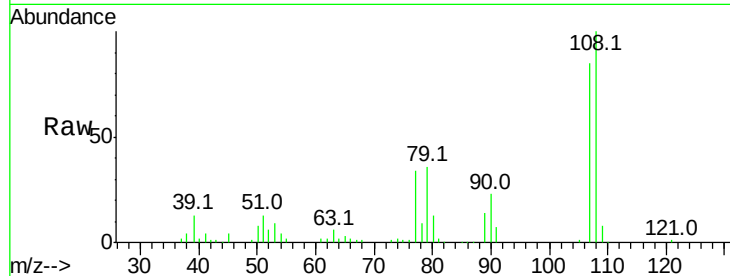
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	156173		
108	117.2	93.4	140.0	
77	40.2	35.8	53.6	
79	41.8	34.8	52.2	

Manual Integrations
APPROVED

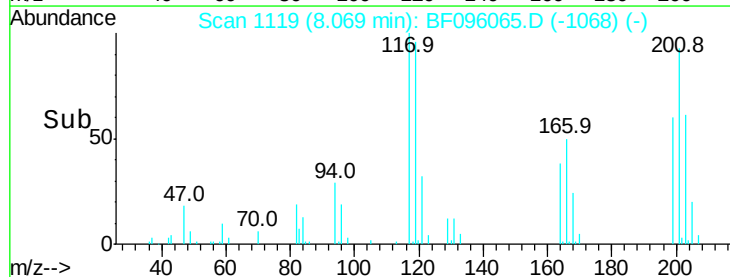
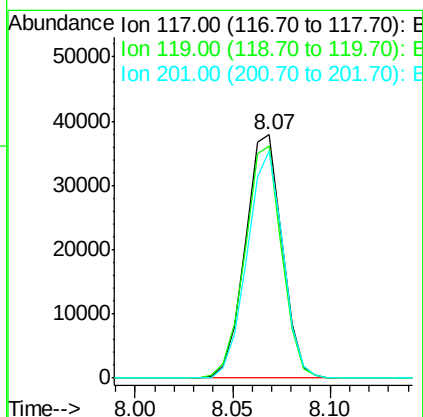
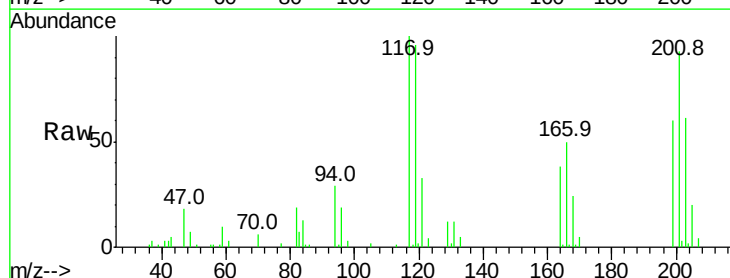
mohammad

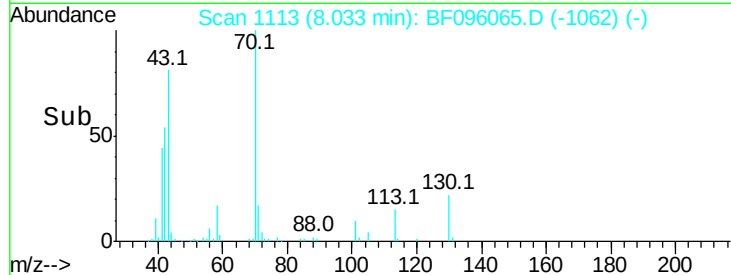
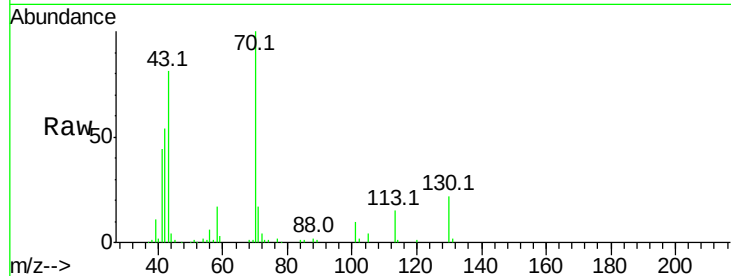
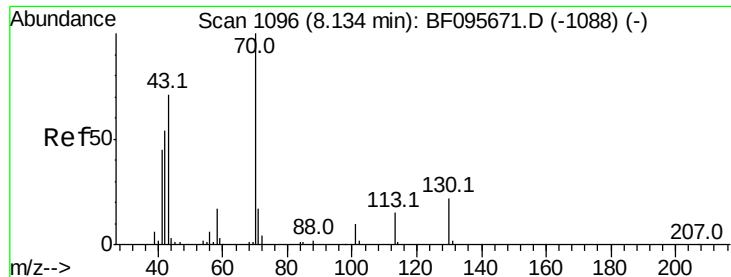
6/21/2017 2:17:37 PM



#18
Hexachloroethane
Concen: 29.22 ng
RT: 8.07 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49547		
119	95.6	77.4	116.0	
201	93.0	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 41.57 ng
RT: 8.03 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

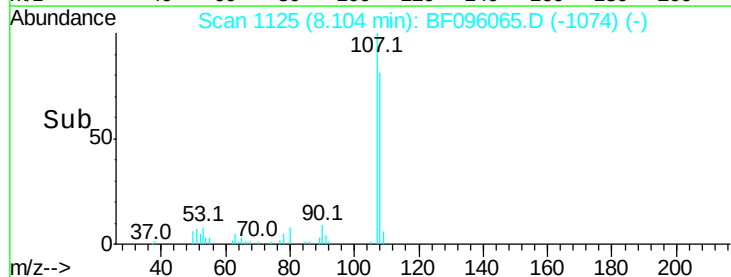
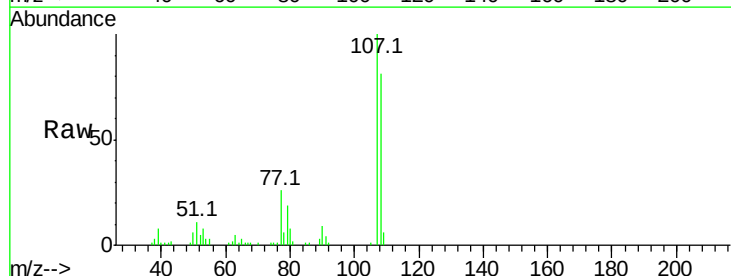
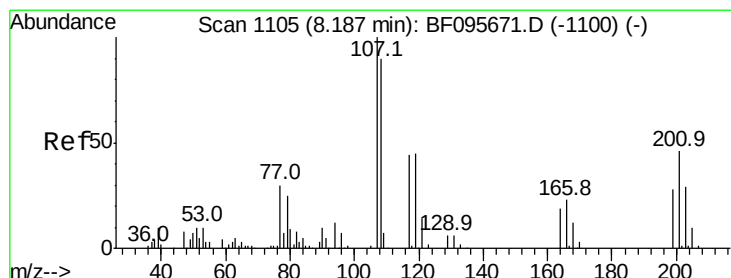
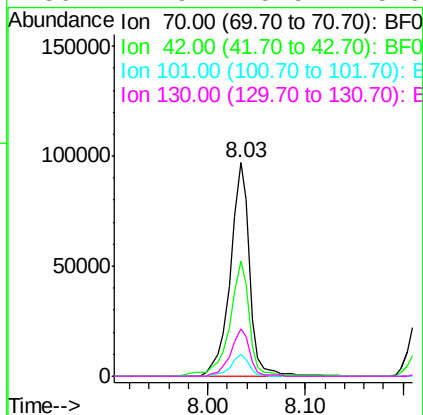
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.2	70.8
101	10.3	7.2	10.8
130	21.9	15.9	23.9

Manual Integrations
APPROVED

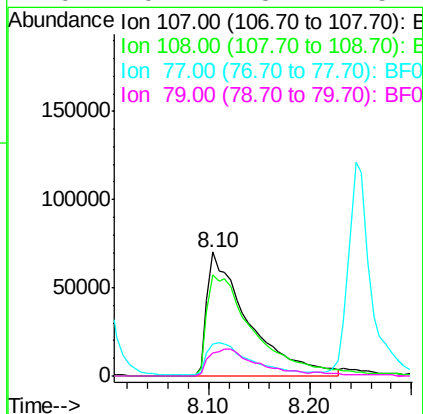
mohammad

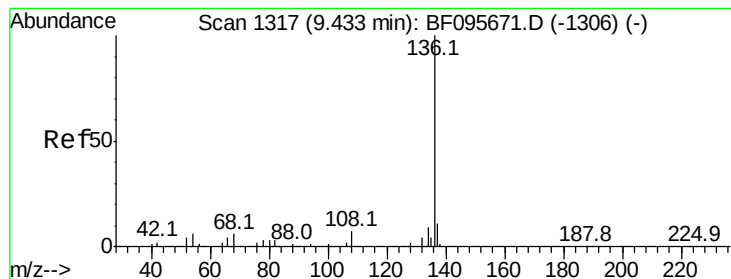
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#20
3+4-Methylphenols
Concen: 41.82 ng
RT: 8.10 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.1	71.0	111.0
77	26.0	90.5	130.5#
79	19.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

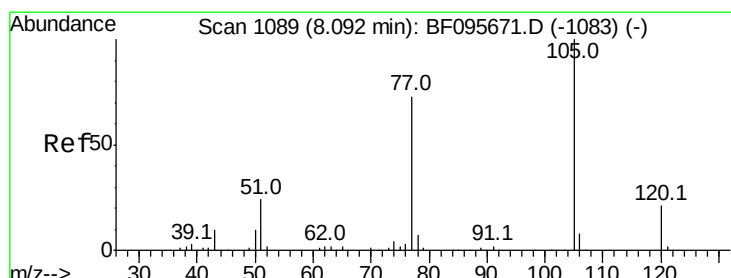
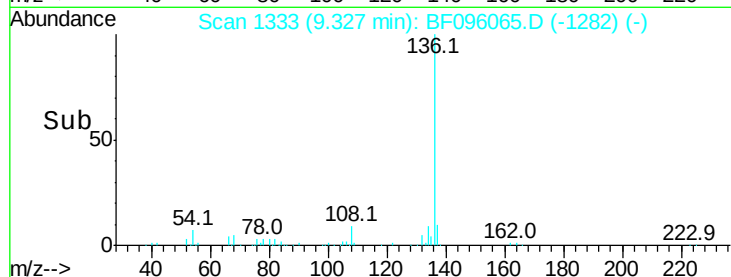
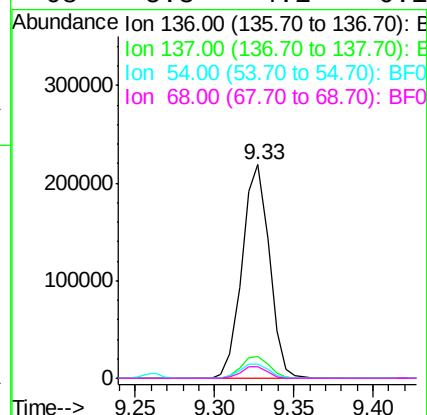
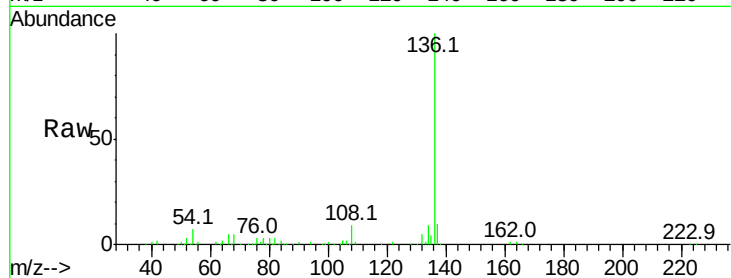
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	260927		
137	10.4		8.5	12.7
54	6.9		4.9	7.3
68	5.3		4.1	6.1

Manual Integrations
APPROVED

mohammad

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#22

Acetophenone

Concen: 42.62 ng

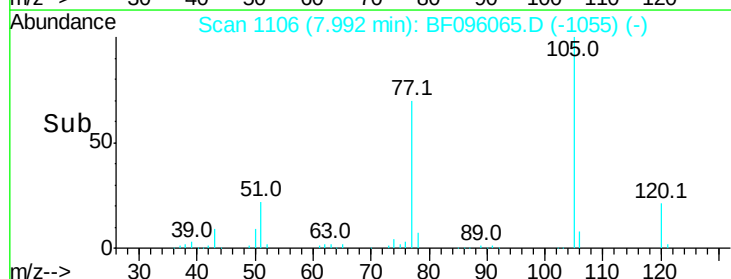
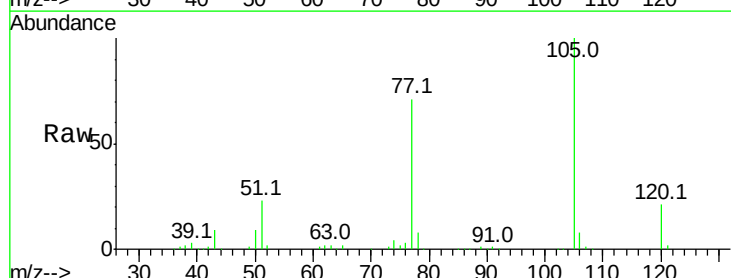
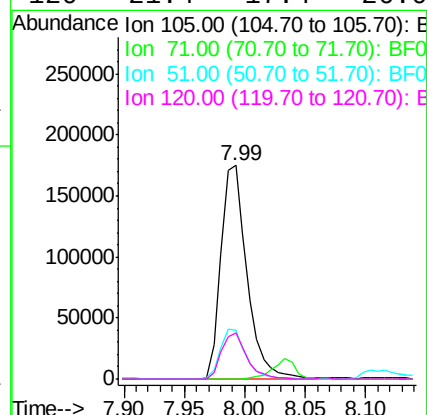
RT: 7.99 min Scan# 1106

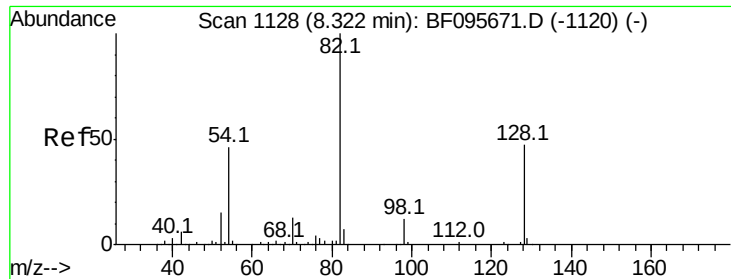
Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	260294		
71	0.0		2.8	4.2#
51	22.8		30.7	46.1#
120	21.4		17.4	26.0





#23
Nitrobenzene-d5
Concen: 84.18 ng
RT: 8.22 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

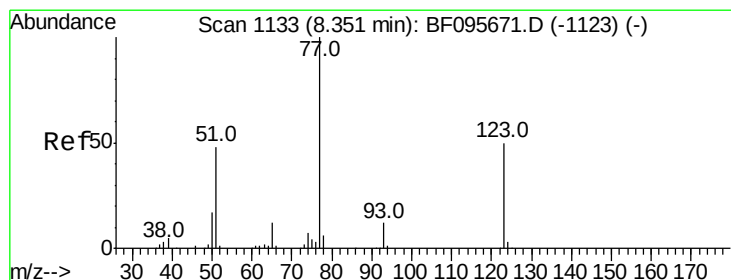
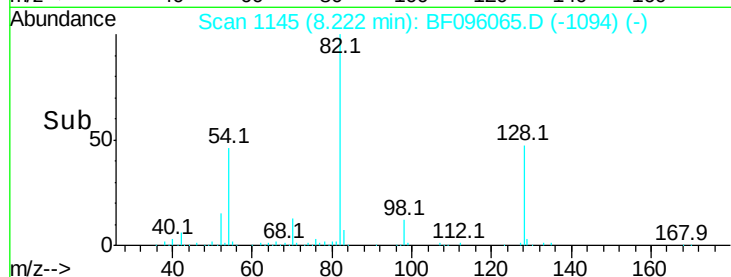
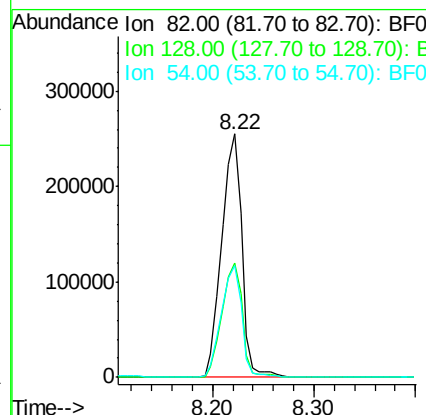
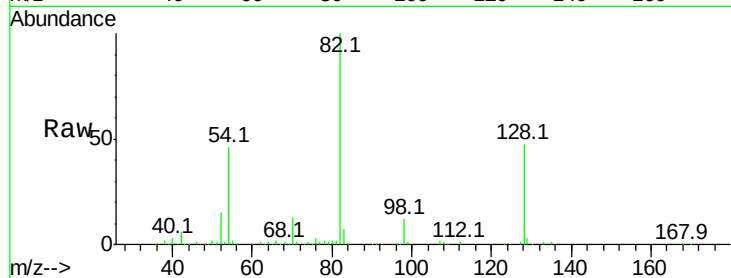
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	45.7	42.2	63.2

Manual Integrations
APPROVED

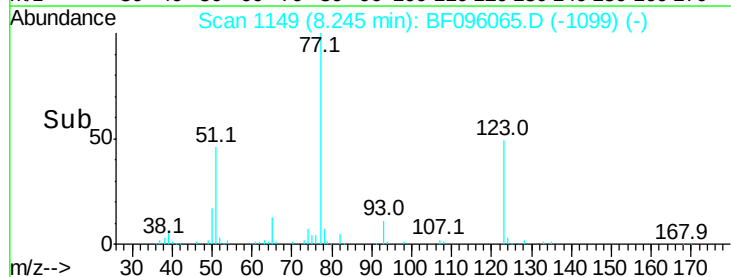
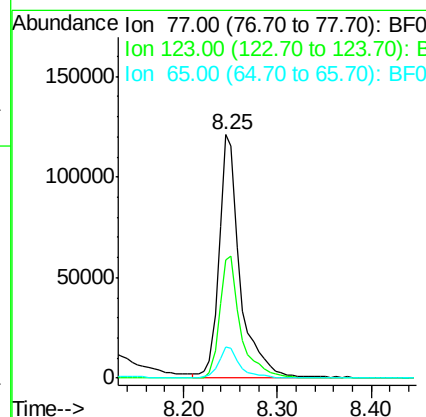
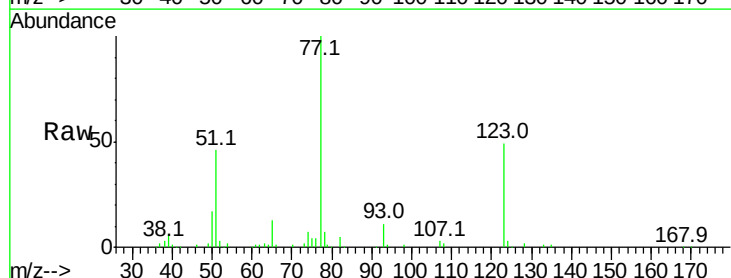
mohammad

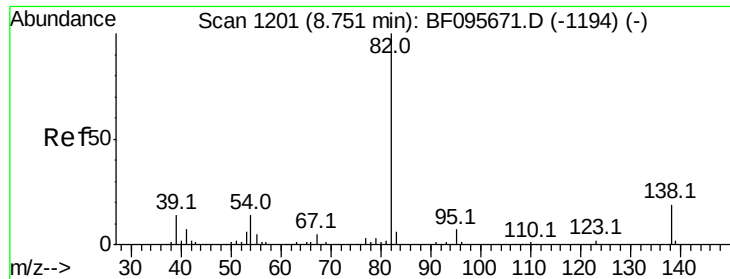
6/21/2017 2:17:37 PM



#24
Nitrobenzene
Concen: 42.36 ng
RT: 8.25 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	35.8	53.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 40.40 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampled :

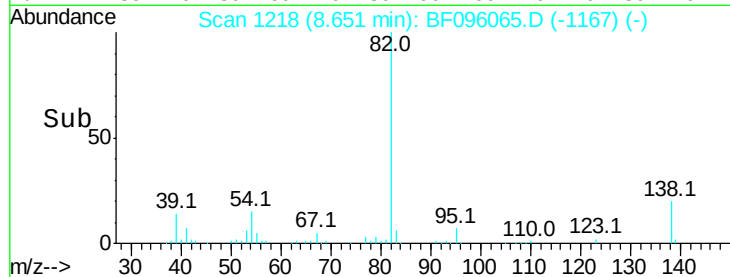
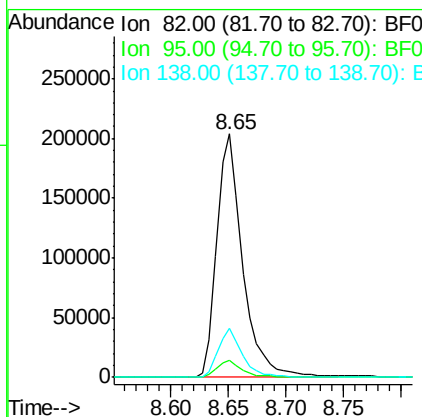
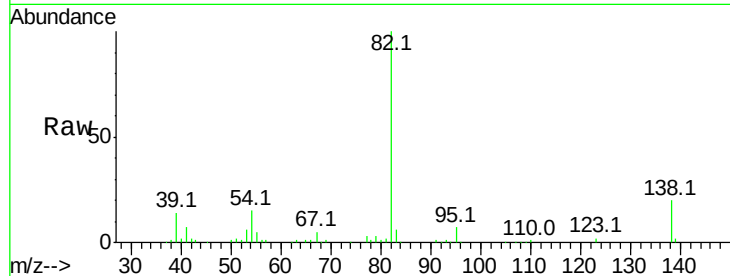
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.3	7.9
138	19.9	13.1	19.7

Manual Integrations
APPROVED

mohammad

6/21/2017 2:17:37 PM



#26

2-Nitrophenol

Concen: 33.28 ng

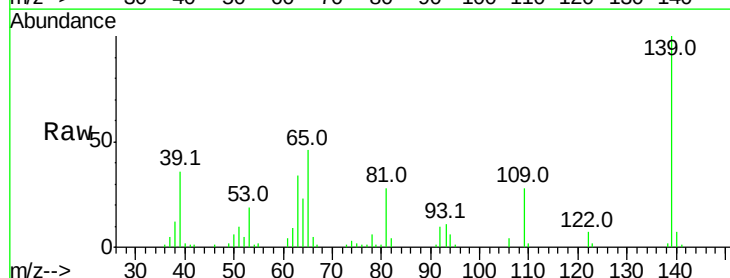
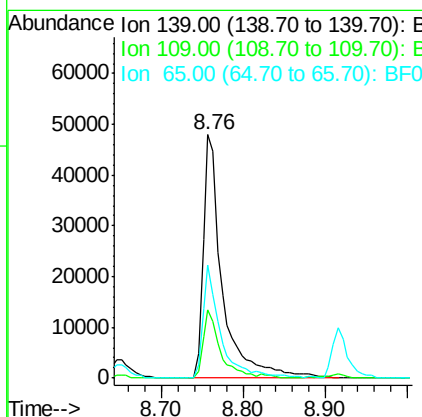
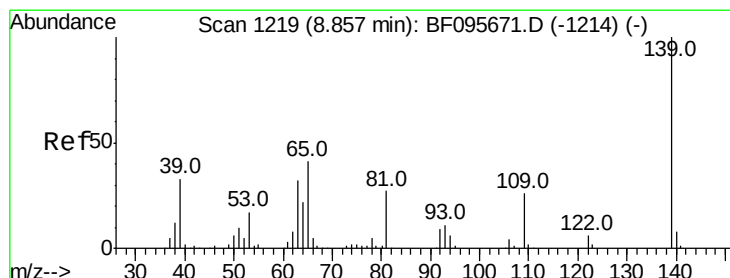
RT: 8.76 min Scan# 1236

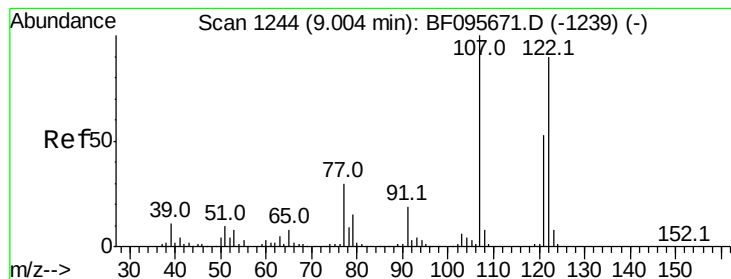
Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.0	21.0	31.6
65	46.3	33.0	49.6





#27
2,4-Dimethylphenol
Concen: 42.84 ng
RT: 8.92 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

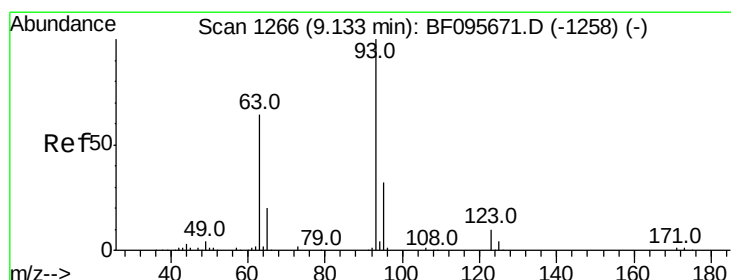
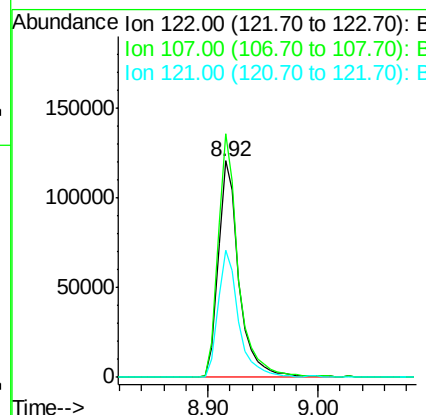
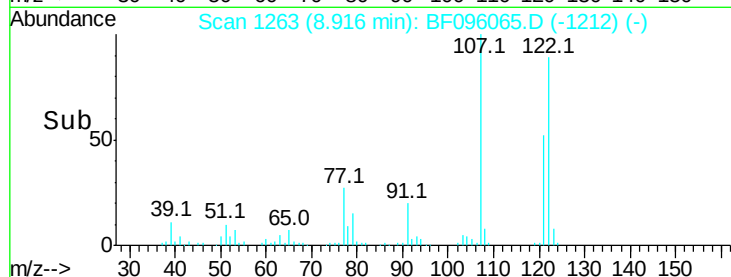
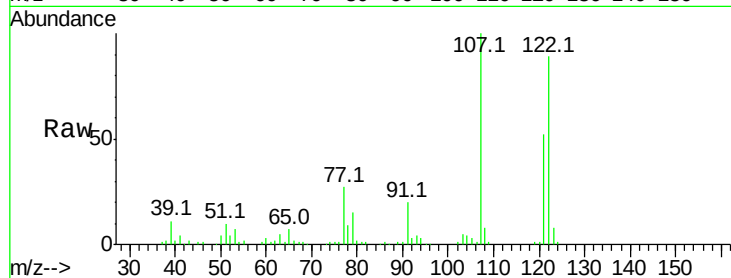
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	156241		
107	112.4	89.2	133.8	
121	58.5	45.2	67.8	

Manual Integrations
APPROVED

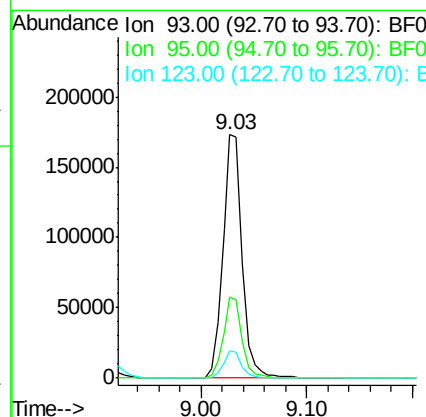
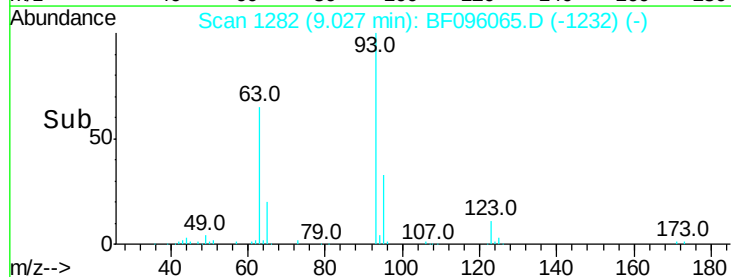
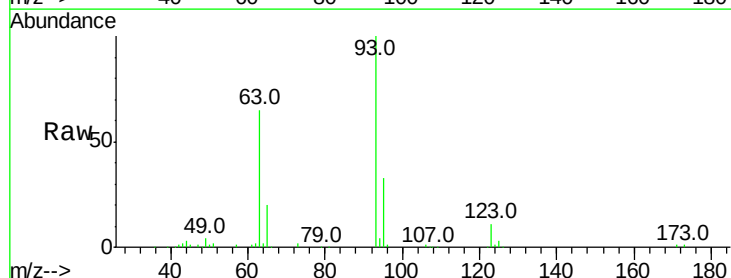
mohammad

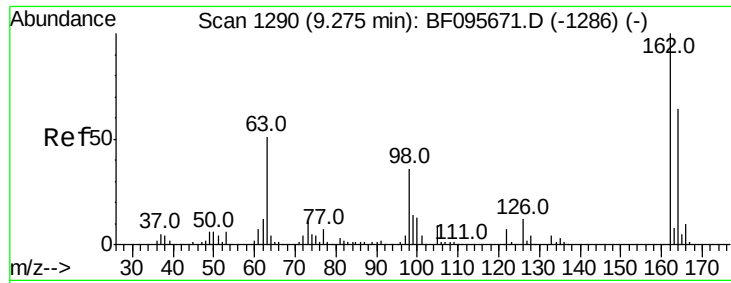
6/21/2017 2:17:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.57 ng
RT: 9.03 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	220155		
95	33.5	26.5	39.7	
123	11.1	9.0	13.4	





#29
 2,4-Dichlorophenol
 Concen: 41.49 ng
 RT: 9.20 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

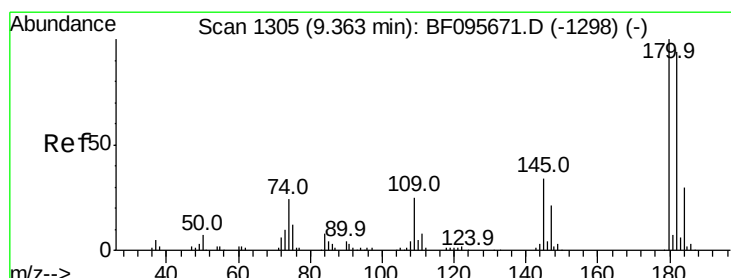
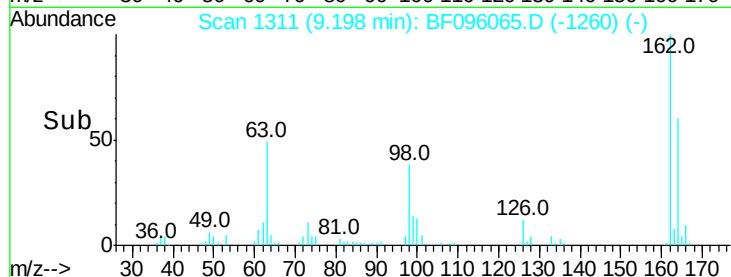
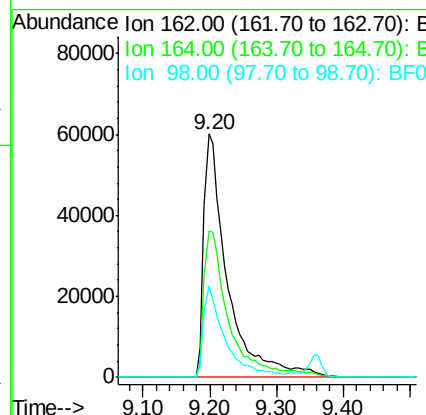
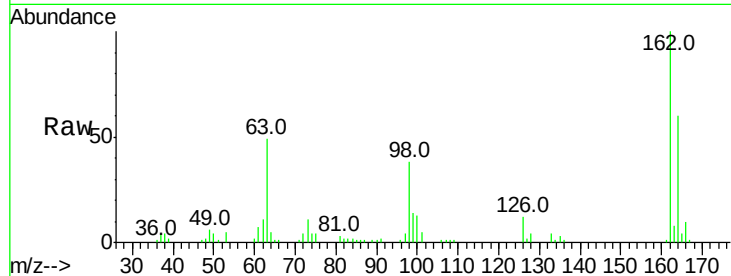
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	145723		
164	60.2		44.6	84.6
98	37.5		14.8	54.8

Manual Integrations
 APPROVED

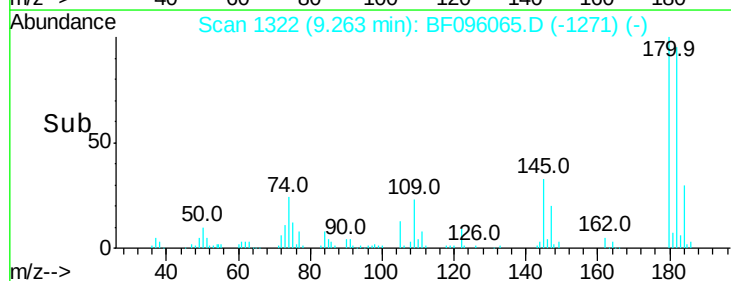
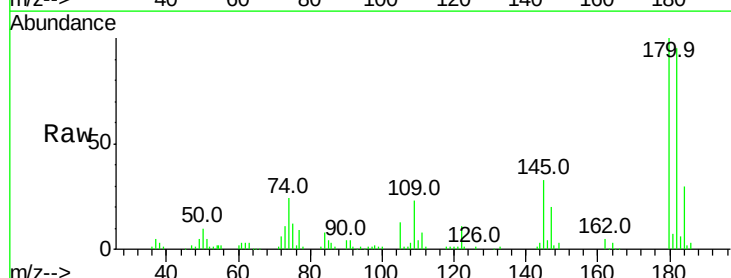
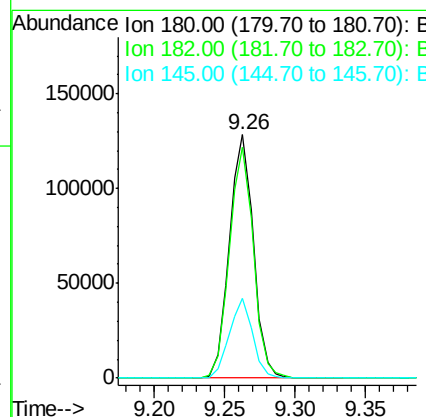
mohammad

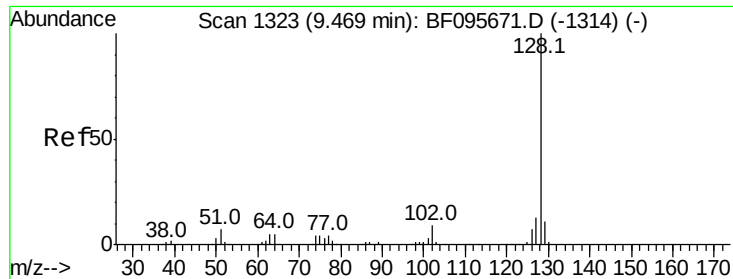
6/21/2017 2:17:37 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.46 ng
 RT: 9.26 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	151531		
182	94.8		75.8	113.6
145	32.7		25.3	37.9





#31
Naphthalene
Concen: 40.45 ng
RT: 9.36 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

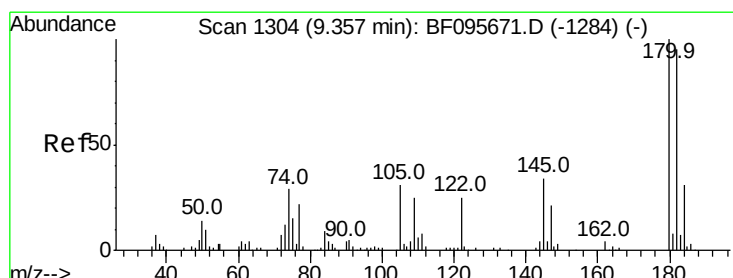
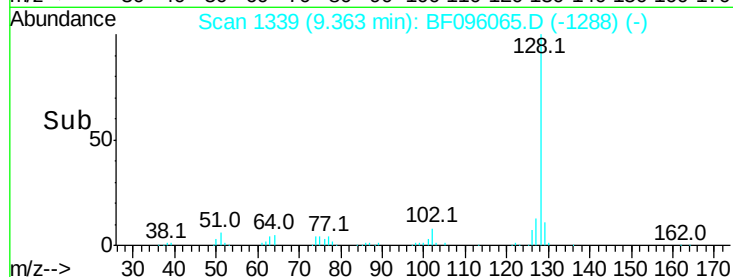
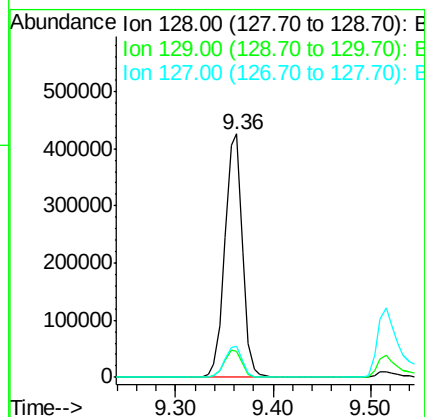
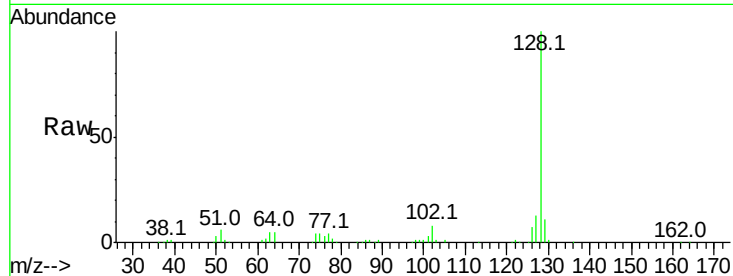
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	12.9	10.8	16.2

Manual Integrations
APPROVED

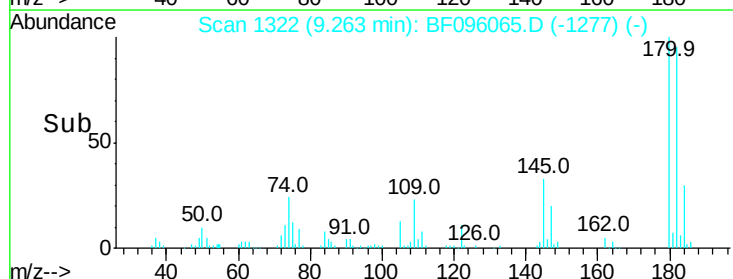
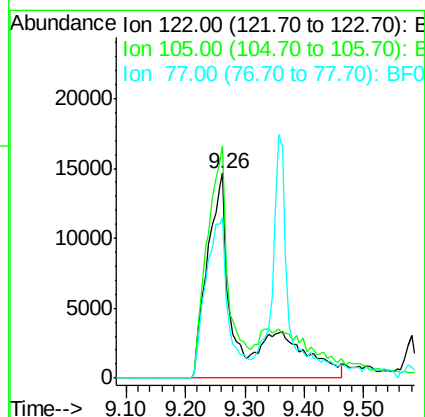
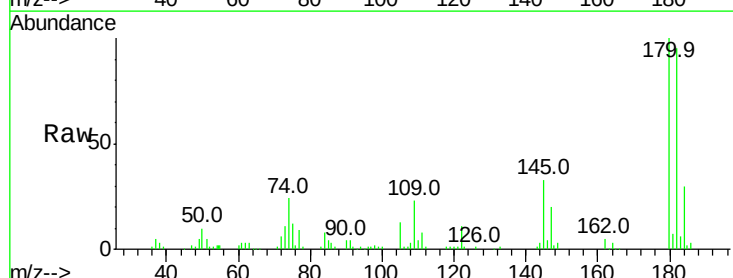
mohammad

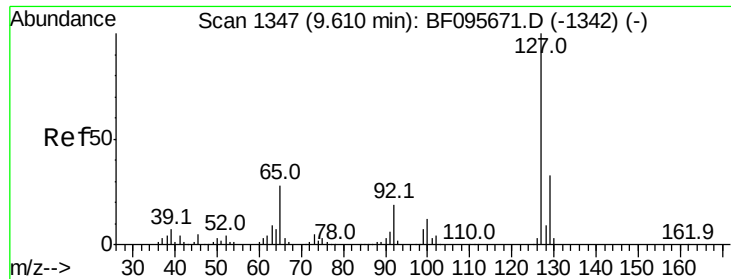
6/21/2017 2:17:37 PM



#32
Benzoic acid
Concen: 26.51 ng m
RT: 9.26 min Scan# 1322
Delta R.T. -0.04 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.5	103.3	143.3
77	78.1	73.7	113.7





#33
 4-Chloroaniline
 Concen: 41.35 ng
 RT: 9.52 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

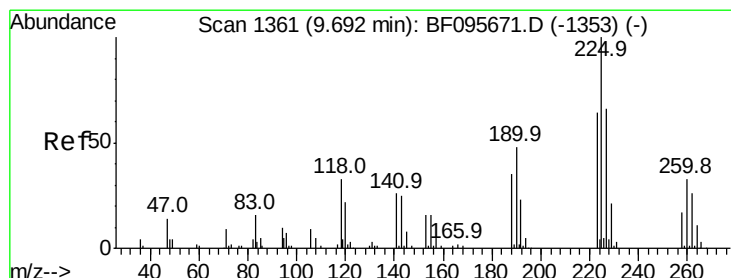
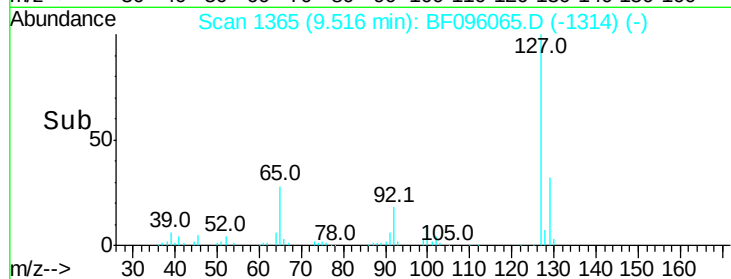
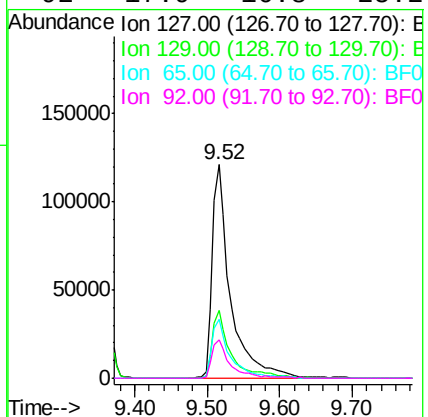
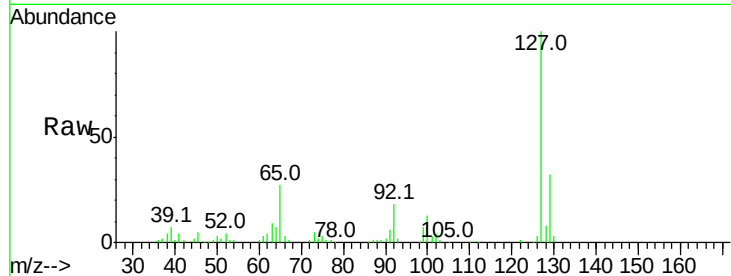
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.5	26.2	39.2
65	27.5	27.8	41.8
92	17.9	16.8	25.2

Manual Integrations
 APPROVED

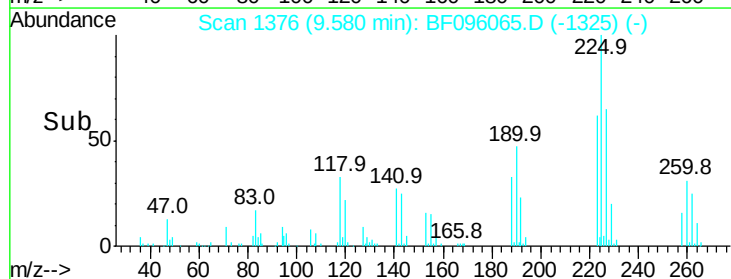
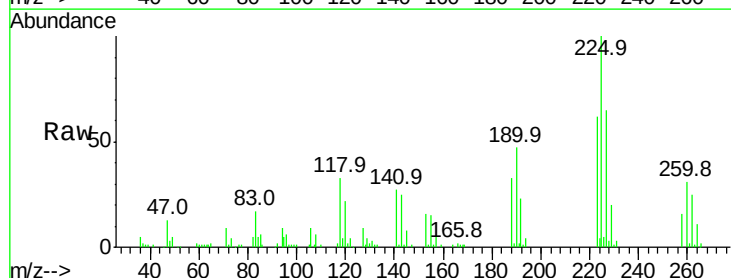
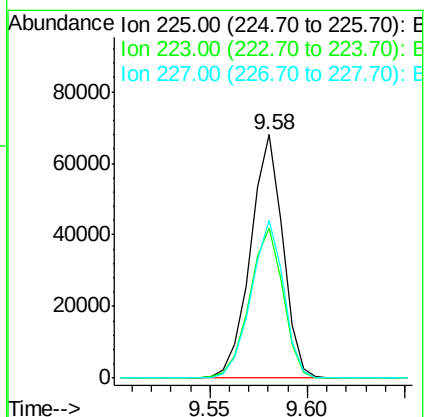
mohammad

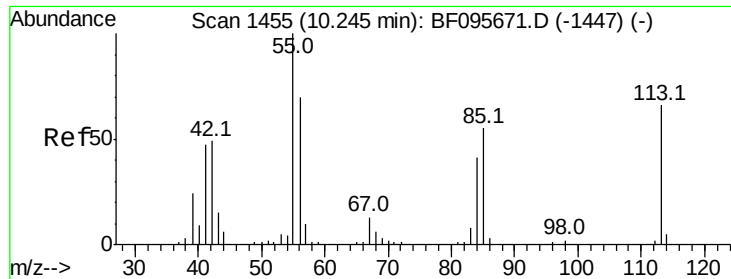
6/21/2017 2:17:37 PM



#34
 Hexachlorobutadiene
 Concen: 41.33 ng
 RT: 9.58 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.7	48.8	73.2
227	64.9	51.1	76.7





#35

Caprolactam

Concen: 39.68 ng

RT: 10.16 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 41477

Ion Ratio Lower Upper

113 100

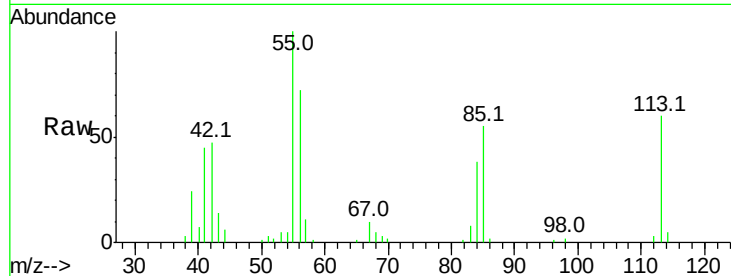
55 166.2 150.2 190.2

56 119.0 107.8 147.8

Manual Integrations
APPROVED

mohammad

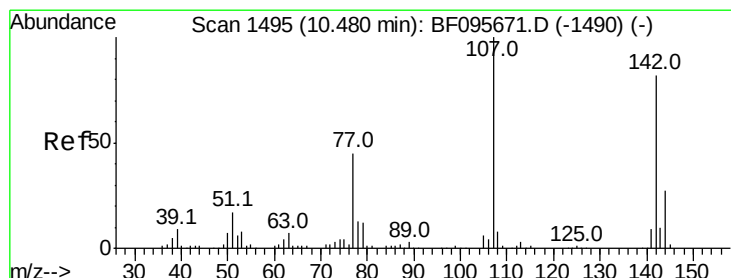
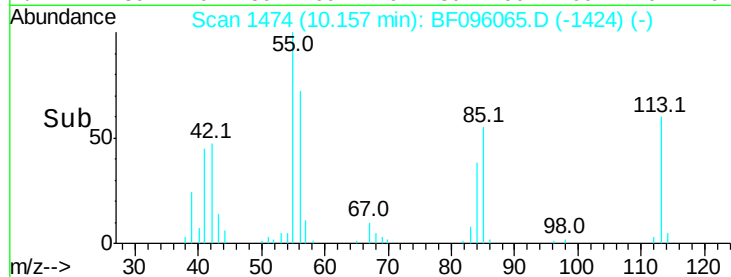
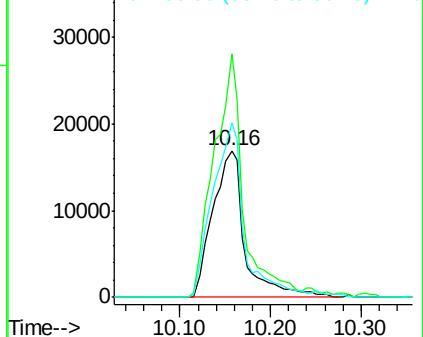
6/21/2017 2:17:37 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.32 ng

RT: 10.40 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

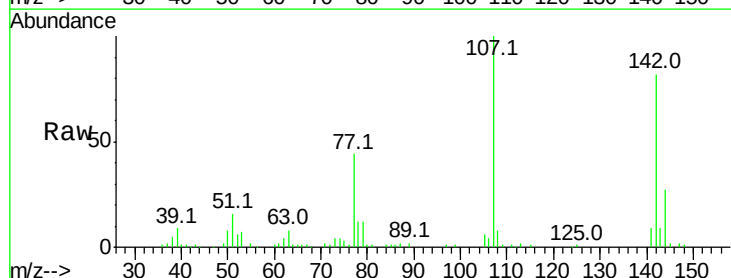
Tgt Ion:107 Resp: 144585

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

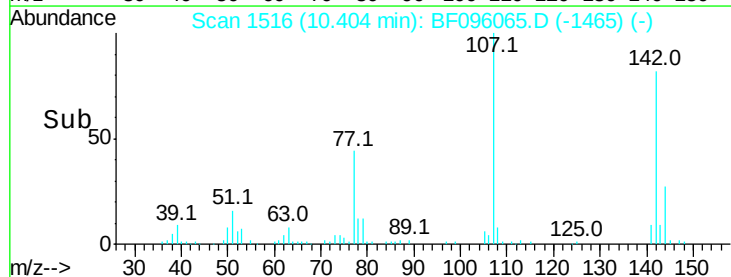
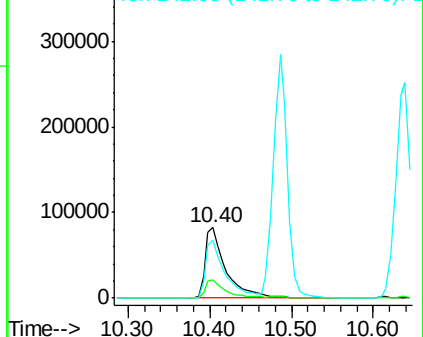
142 82.1 73.4 110.0

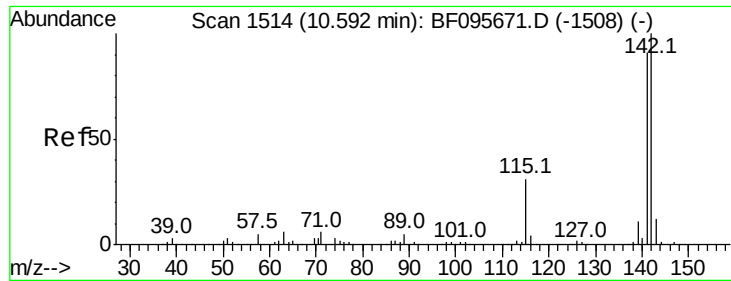


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37
2-Methylnaphthalene
Concen: 38.95 ng
RT: 10.49 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

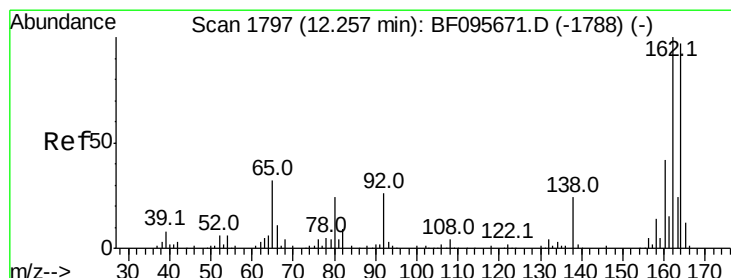
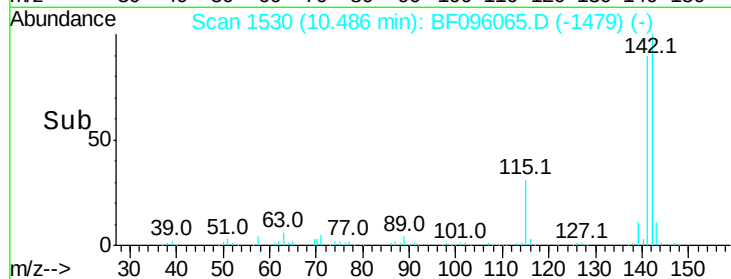
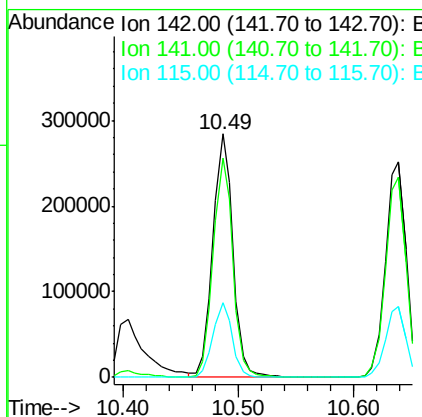
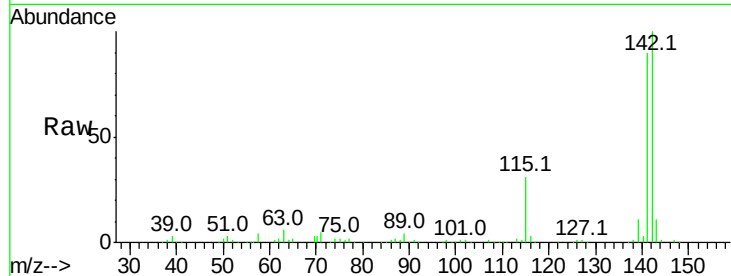
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	30.5	27.1	40.7

Manual Integrations
APPROVED

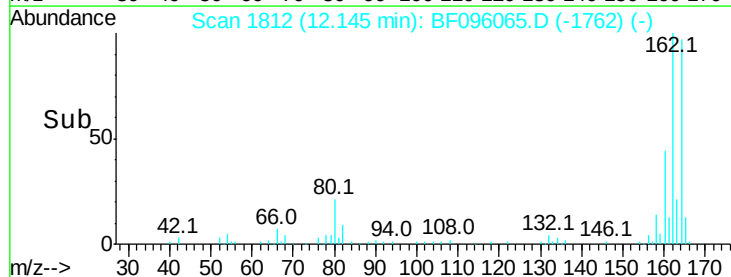
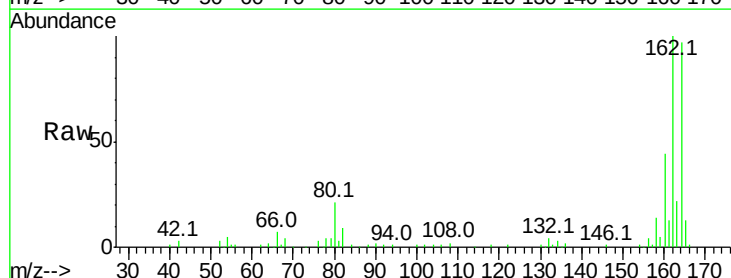
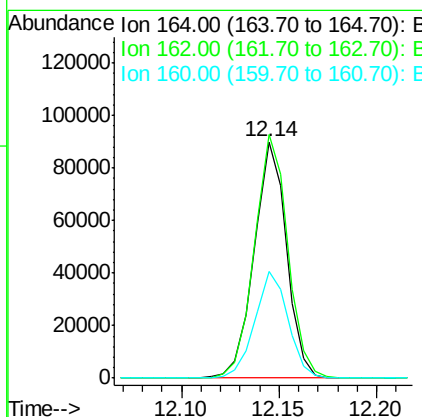
mohammad

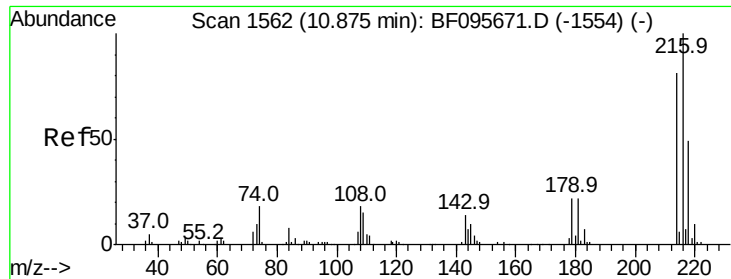
6/21/2017 2:17:37 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	45.1	36.2	54.2





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.78 ng
 RT: 10.77 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

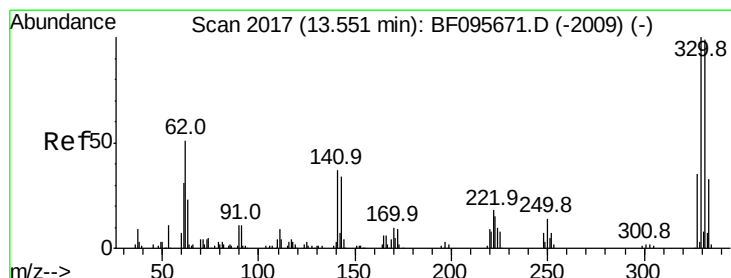
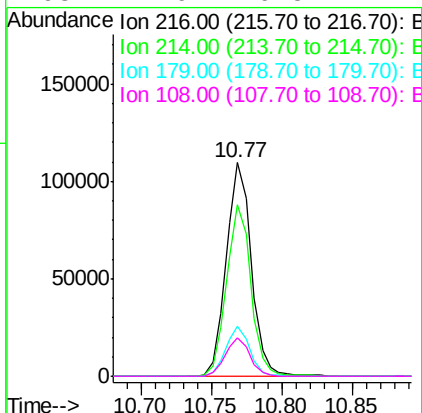
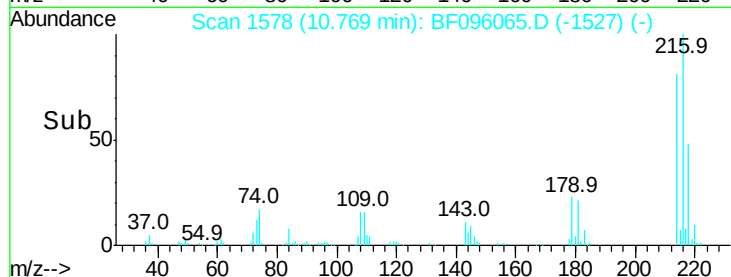
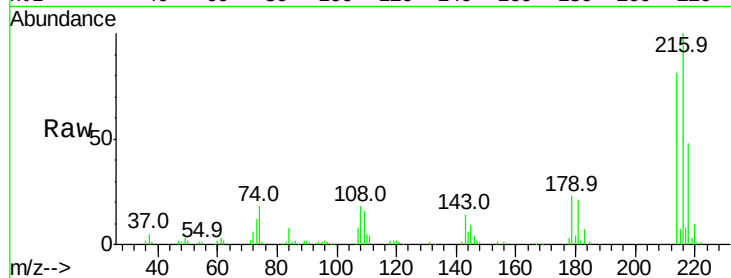
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.4	95.2
179	22.1	17.9	26.9
108	17.6	16.5	24.7

Manual Integrations
 APPROVED

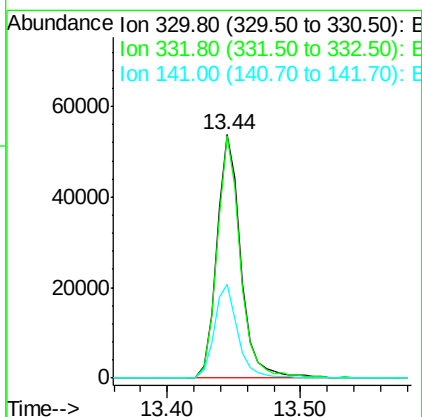
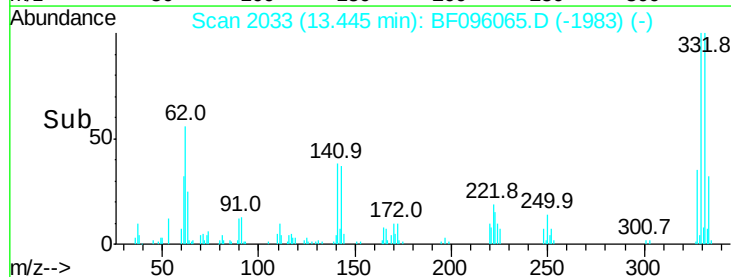
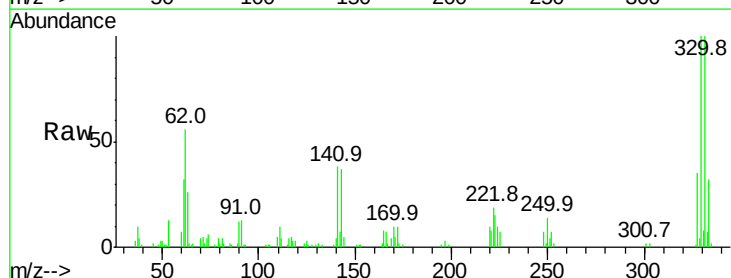
mohammad

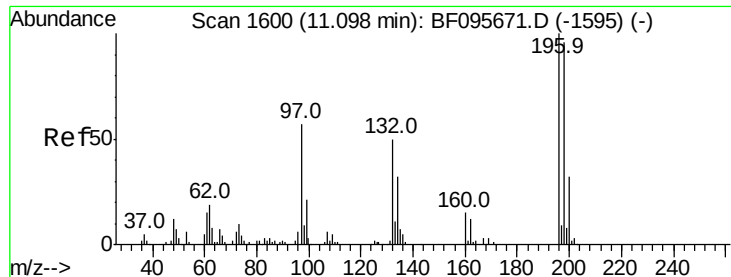
6/21/2017 2:17:37 PM



#41
 2,4,6-Tribromophenol
 Concen: 74.10 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	37.6	31.4	47.2





#42

2,4,6-Trichlorophenol

Concen: 43.12 ng

RT: 11.00 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

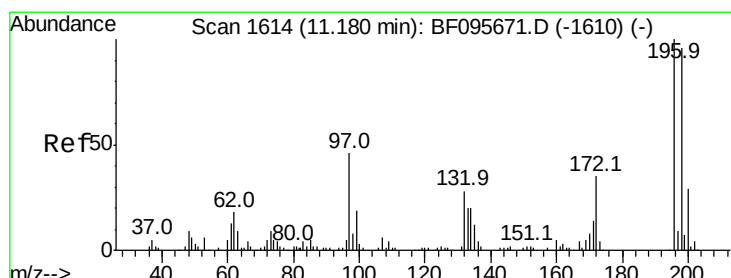
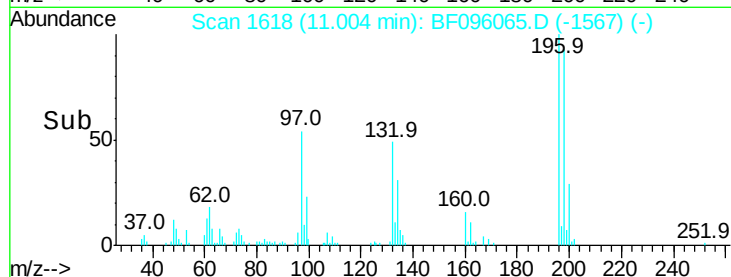
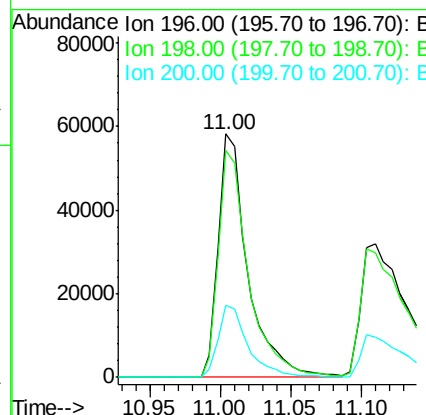
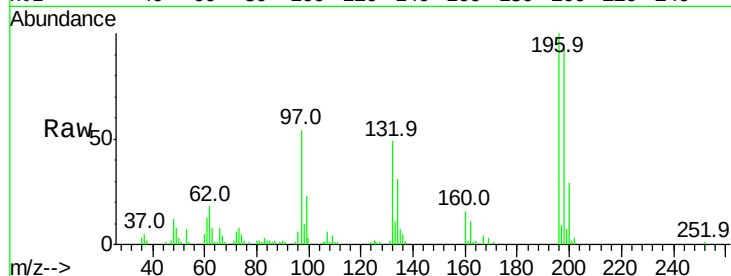
SSTDCCC040

Tot Ion:	196	Resp:	85513
Ion Ratio	Lower	Upper	
196	100		
198	93.3	74.2	111.4
200	29.5	24.0	36.0

Manual Integrations
APPROVED

mohammad

6/21/2017 2:17:37 PM



#43

2,4,5-Trichlorophenol

Concen: 39.97 ng

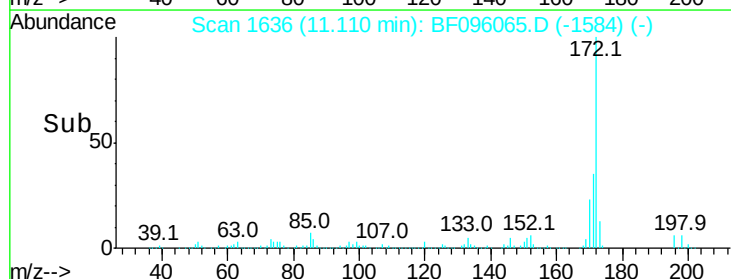
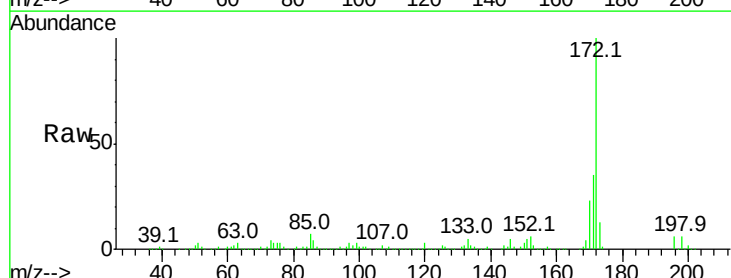
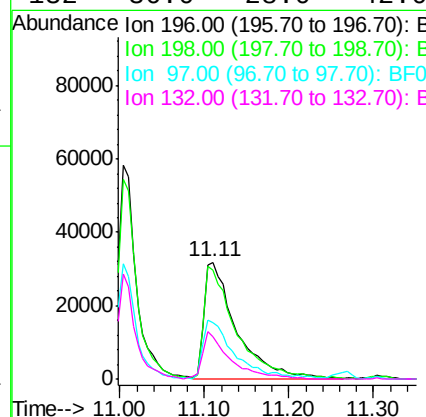
RT: 11.11 min Scan# 1636

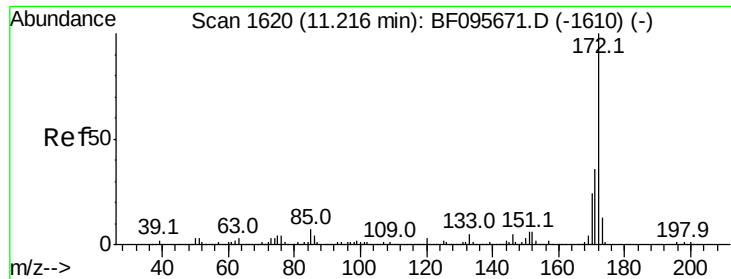
Delta R.T. 0.01 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion:	196	Resp:	84300
Ion Ratio	Lower	Upper	
196	100		
198	93.5	75.7	113.5
97	47.9	47.7	71.5
132	36.0	28.0	42.0





#44
2-Fluorobiphenyl
Concen: 86.73 ng
RT: 11.11 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

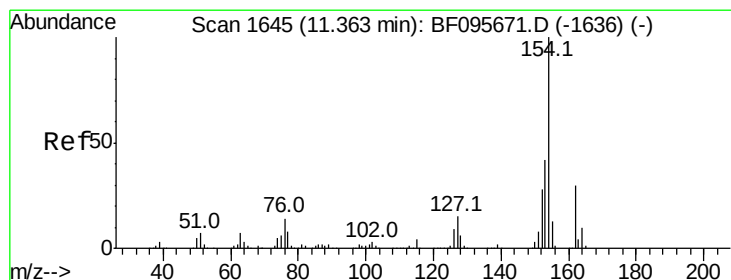
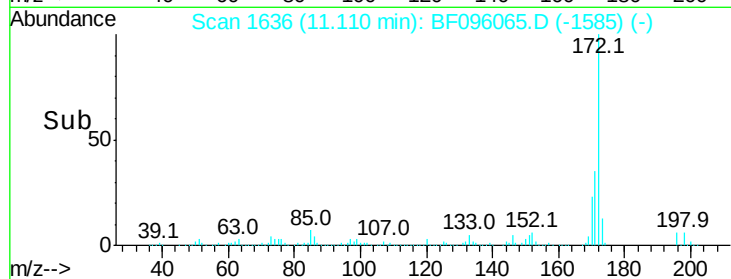
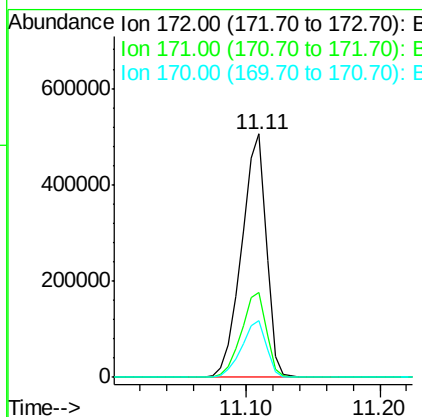
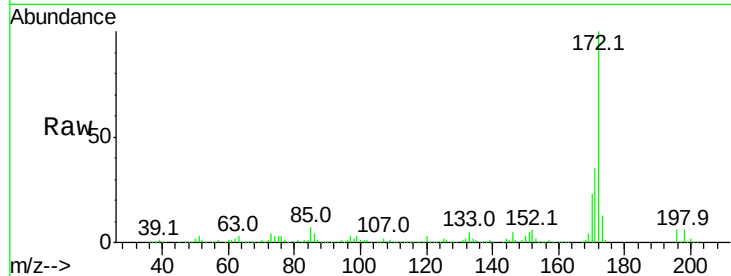
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
172	100	642337		
171	35.1		29.6	44.4
170	23.3		19.8	29.8

Manual Integrations
APPROVED

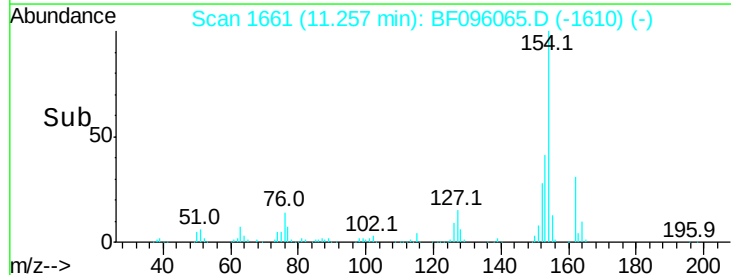
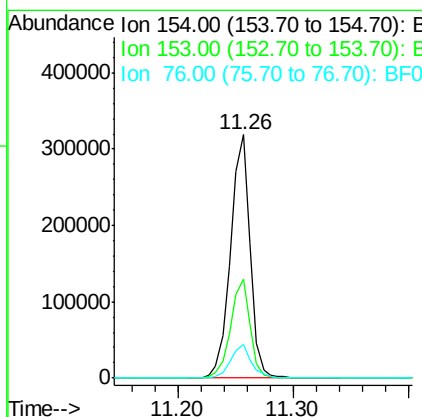
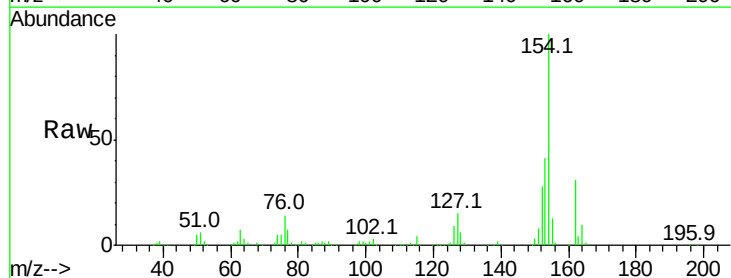
mohammad

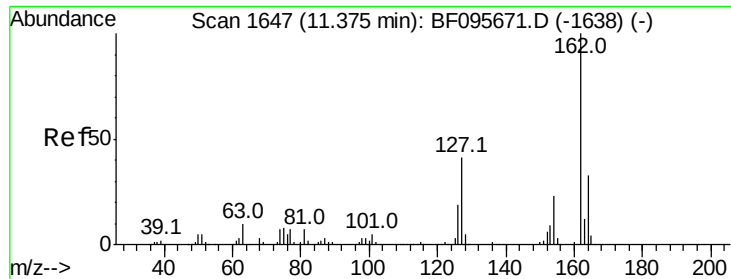
6/21/2017 2:17:37 PM



#45
1,1'-Biphenyl
Concen: 43.83 ng
RT: 11.26 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	372262		
153	40.7		21.2	61.2
76	13.8		0.0	29.9





#46
 2-Chloronaphthalene
 Concen: 42.39 ng
 RT: 11.27 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

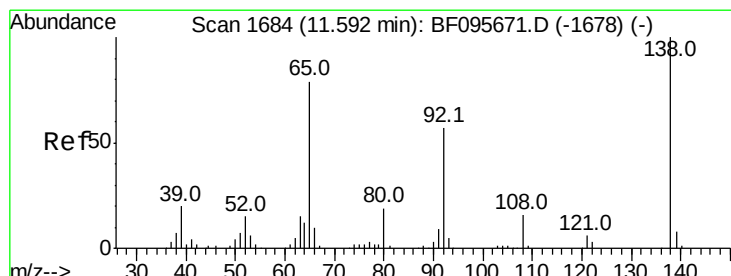
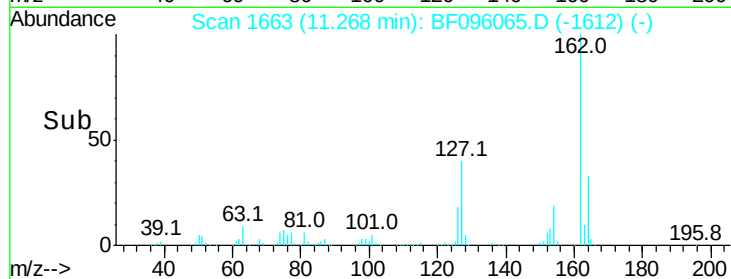
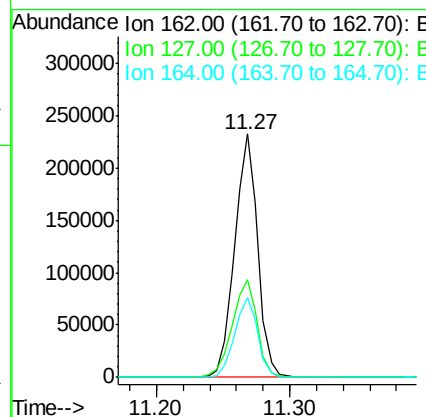
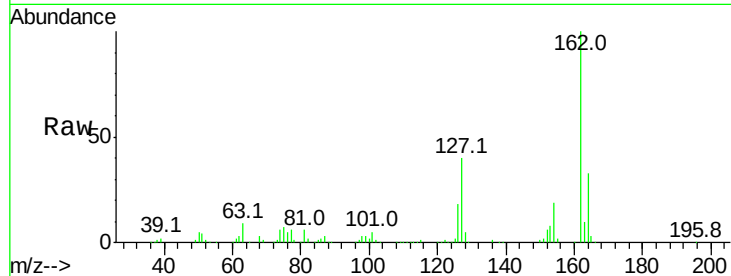
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.1	28.3	42.5
164	32.8	27.0	40.4

Manual Integrations
 APPROVED

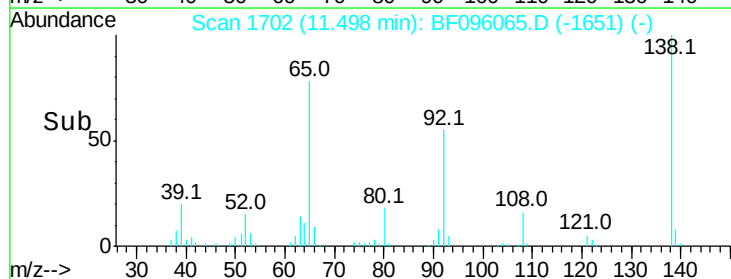
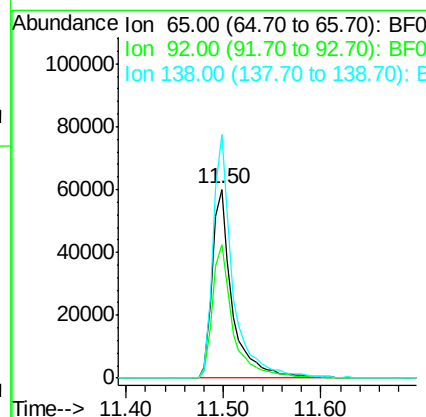
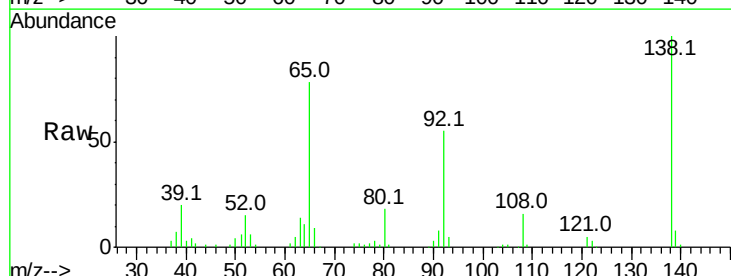
mohammad

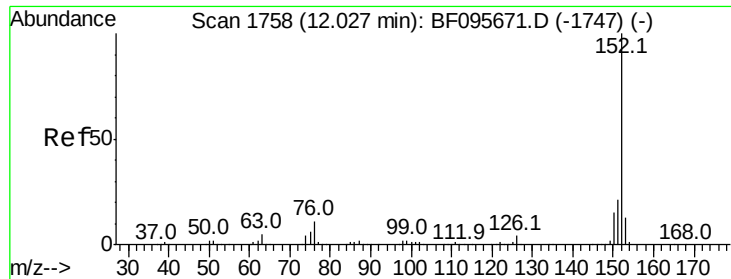
6/21/2017 2:17:37 PM



#47
 2-Nitroaniline
 Concen: 44.20 ng
 RT: 11.50 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.3	53.9	80.9
138	128.7	78.8	118.2#





#48

Acenaphthylene

Concen: 39.10 ng

RT: 11.92 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

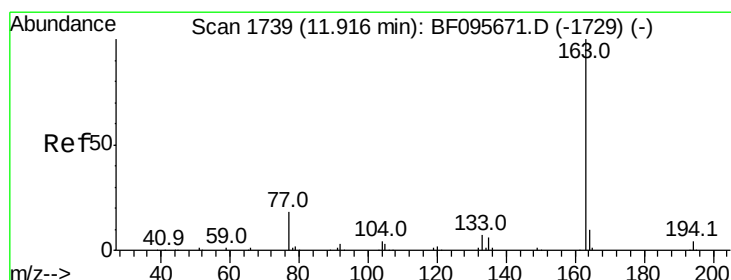
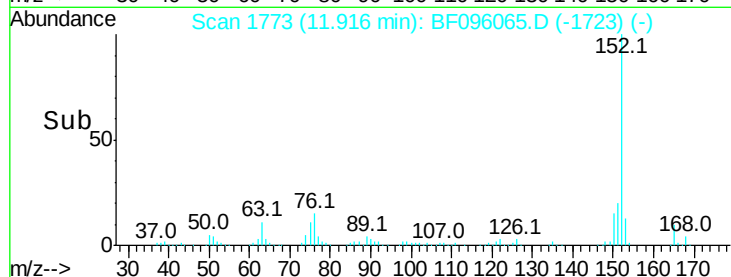
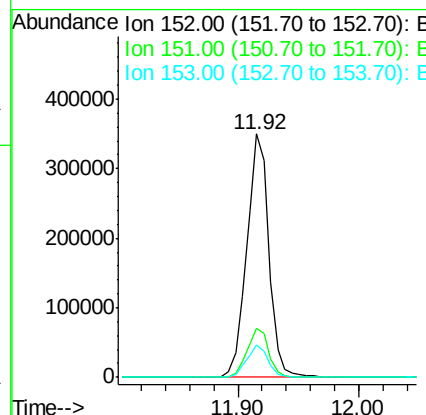
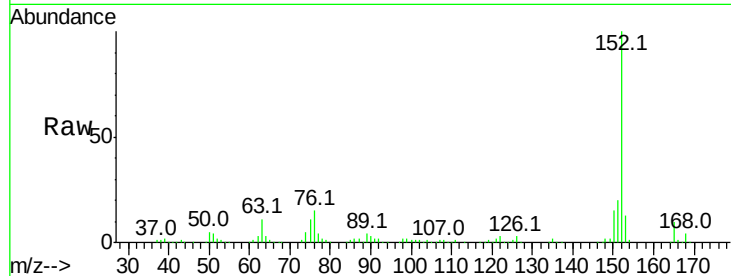
SSTDCCC040

Tot Ion:	152	Resp:	443682
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	13.2	10.8	16.2

Manual Integrations
APPROVED

mohammad

6/21/2017 2:17:37 PM



#49

Dimethylphthalate

Concen: 42.60 ng

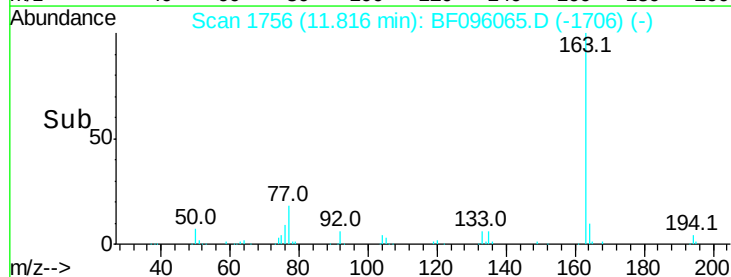
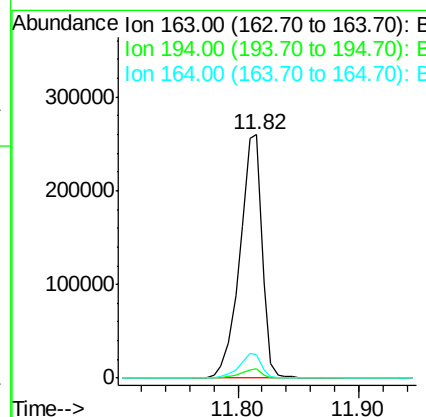
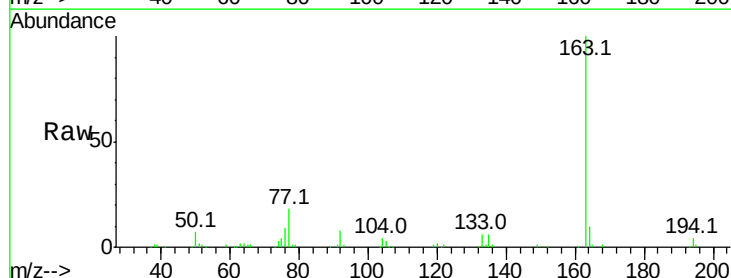
RT: 11.82 min Scan# 1756

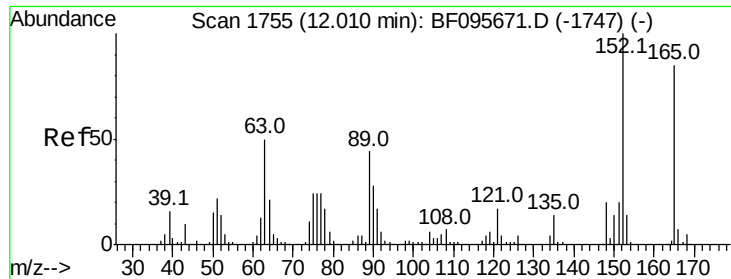
Delta R.T. -0.01 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion:	163	Resp:	333303
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.6	4.0
164	9.7	8.4	12.6





#50
2,6-Dinitrotoluene
Concen: 34.78 ng
RT: 11.91 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

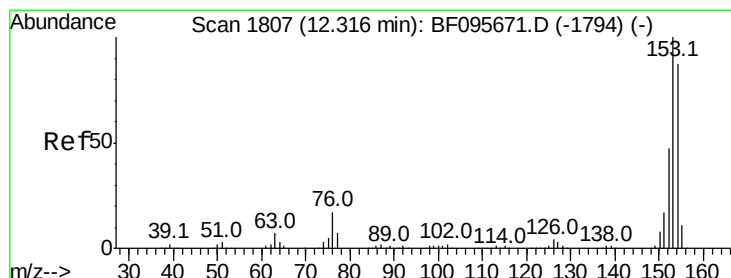
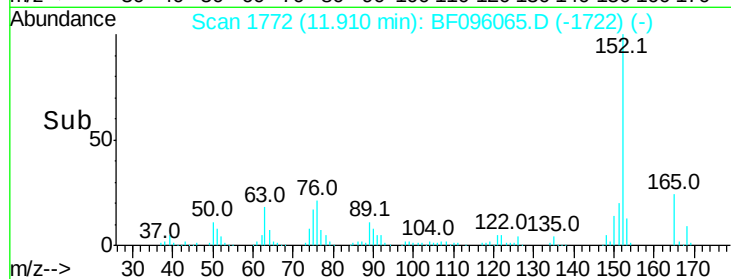
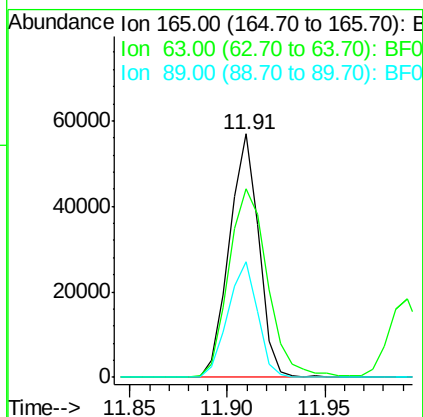
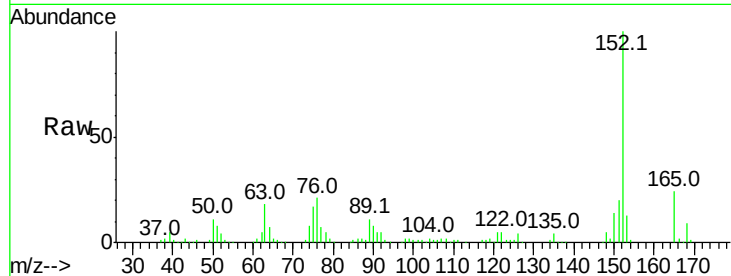
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	77.6	34.3	51.5#
89	47.3	37.1	55.7

Manual Integrations
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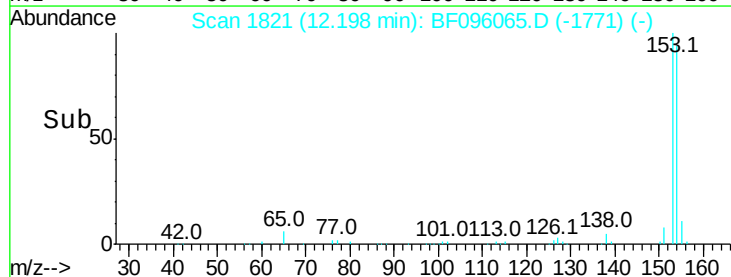
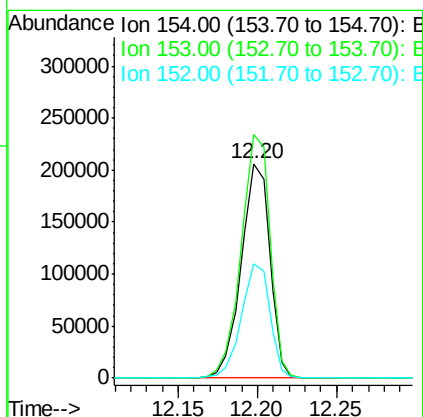
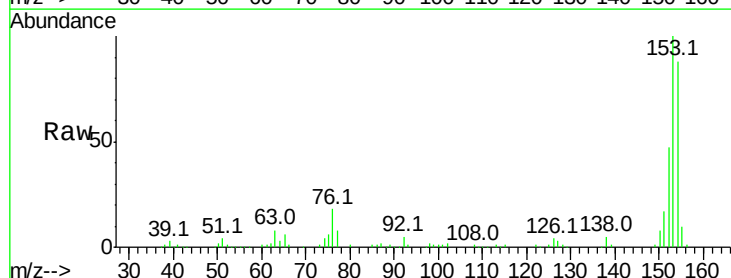
mohammad

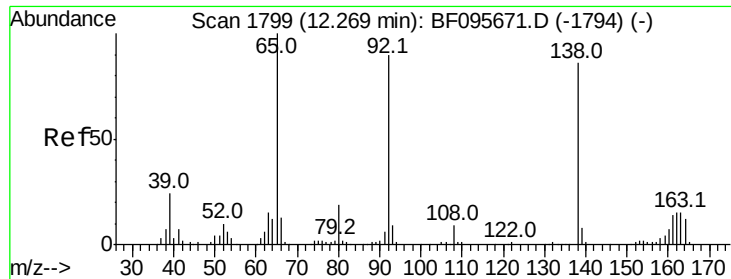
6/21/2017 2:17:37 PM



#51
Acenaphthene
Concen: 39.70 ng
RT: 12.20 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.6	90.5	135.7
152	53.2	43.6	65.4





#52

3-Nitroaniline

Concen: 44.39 ng

RT: 12.18 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

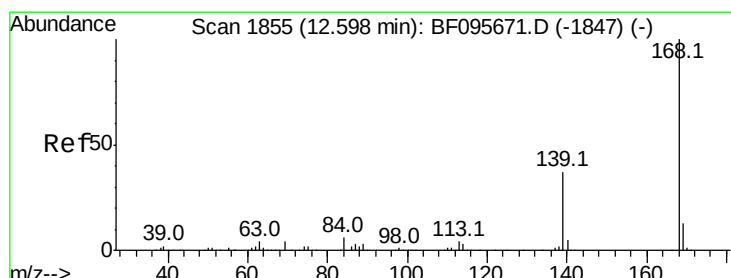
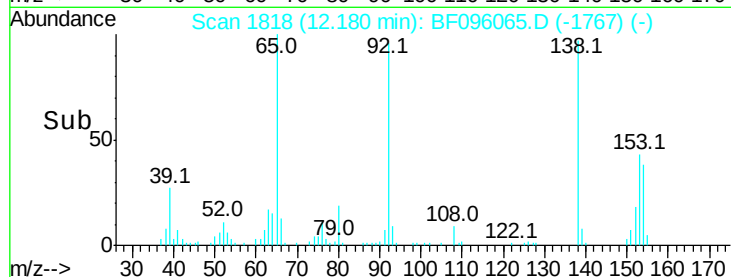
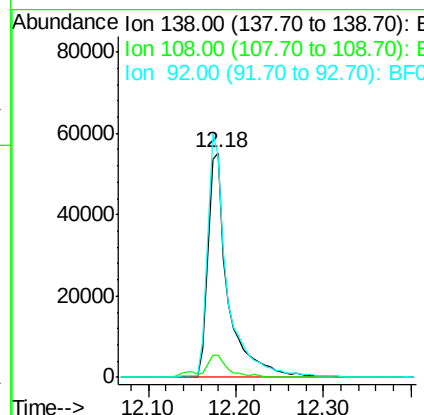
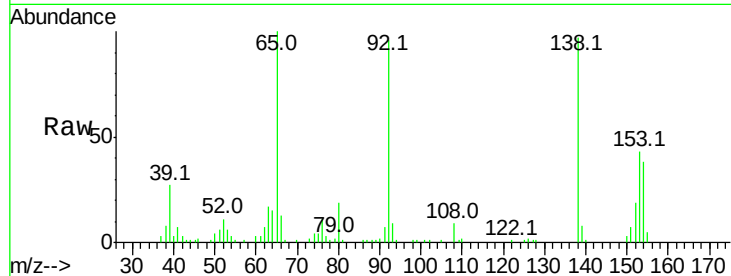
SSTDCCC040

Tot Ion:	138	Resp:	88261
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.1	13.7
92	99.0	93.8	140.6

Manual Integrations
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6/21/2017 2:17:37 PM



#54

Dibenzofuran

Concen: 39.48 ng

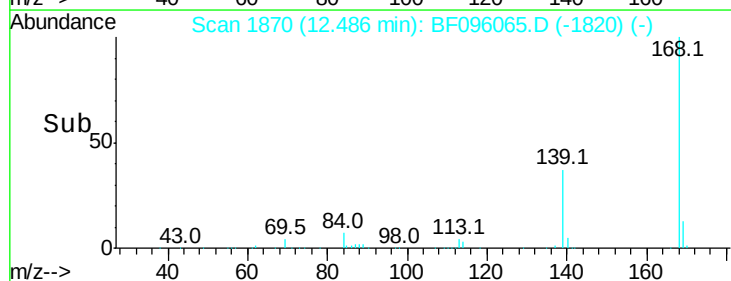
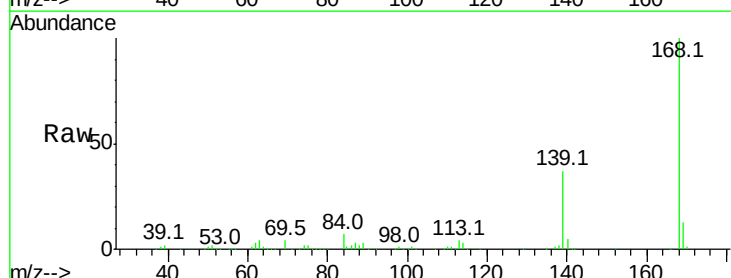
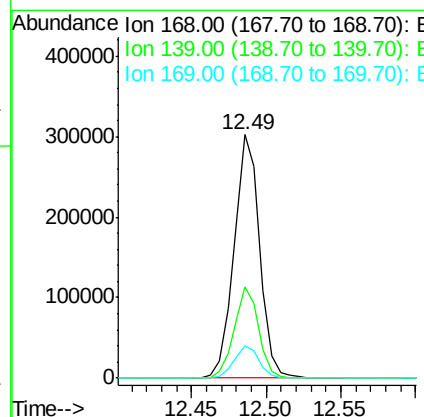
RT: 12.49 min Scan# 1870

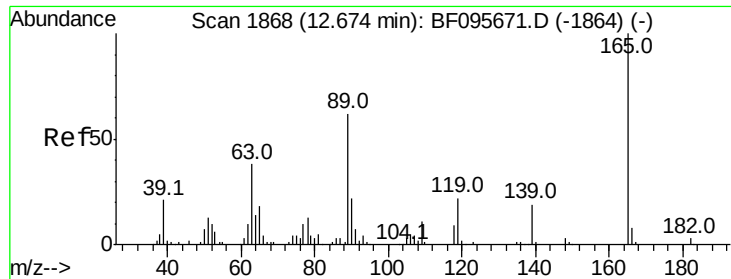
Delta R.T. -0.01 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion:	168	Resp:	364224
Ion Ratio	Lower	Upper	
168	100		
139	37.3	30.6	45.8
169	13.1	10.8	16.2





#55

4-Nitrophenol

Concen: 32.73 ng

RT: 12.65 min Scan# 1898

Delta R.T. 0.02 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 34633

Ion Ratio Lower Upper

139 100

109 55.9 34.1 74.1

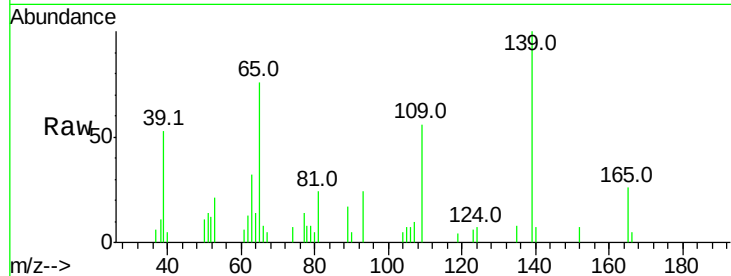
65 75.8 31.4 71.4#

Manual Integrations

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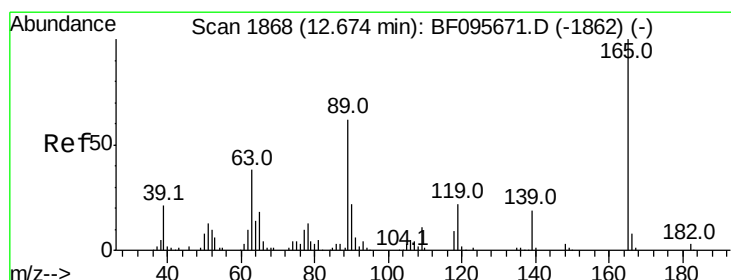
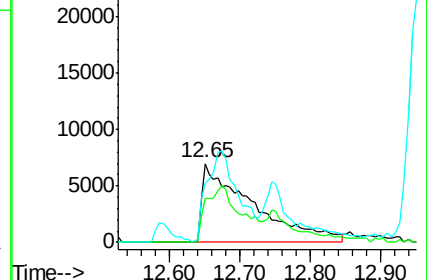
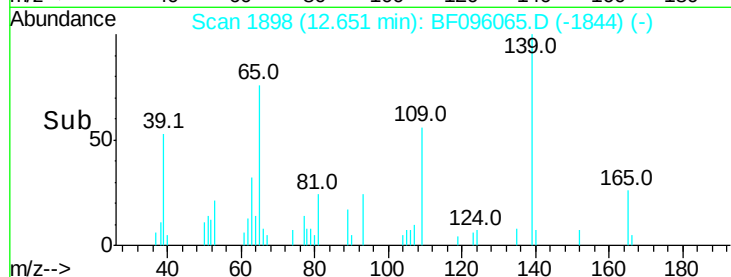
6/21/2017 2:17:37 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 31.31 ng

RT: 12.59 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion:165 Resp: 72180

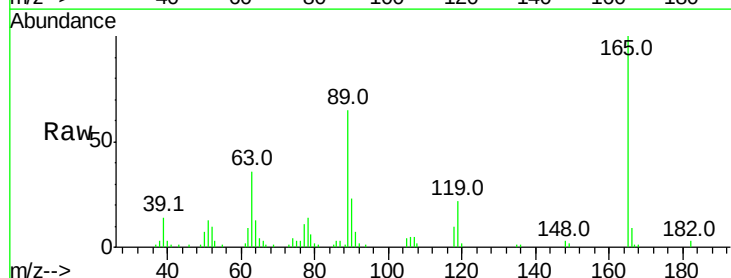
Ion Ratio Lower Upper

165 100

63 35.6 25.4 38.0

89 65.0 46.4 69.6

182 2.7 1.8 2.6#

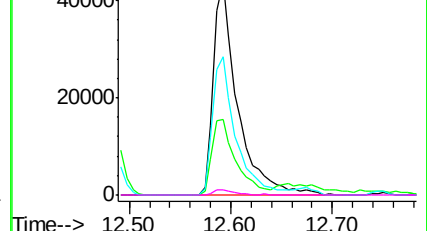
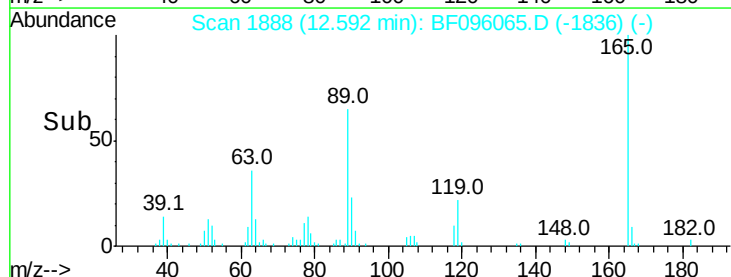


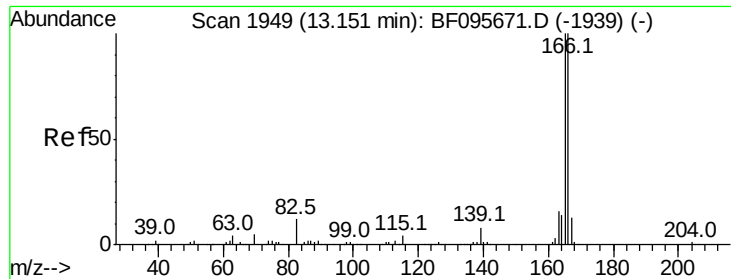
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57
 Fluorene
 Concen: 38.25 ng
 RT: 13.04 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

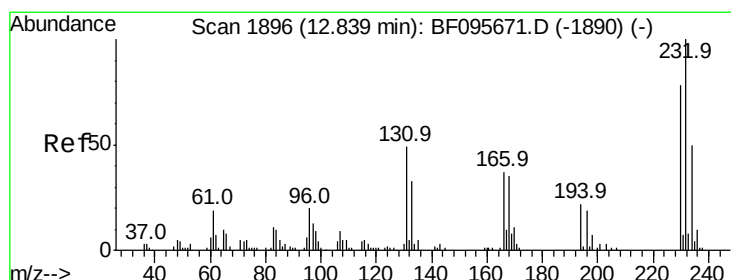
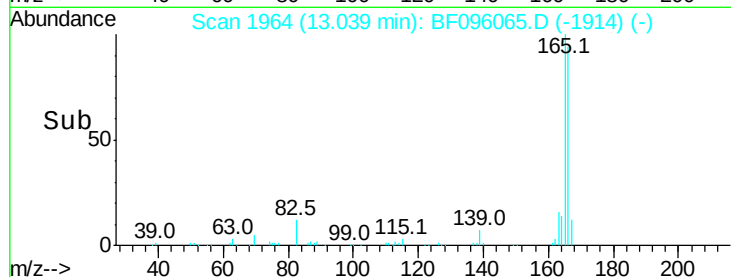
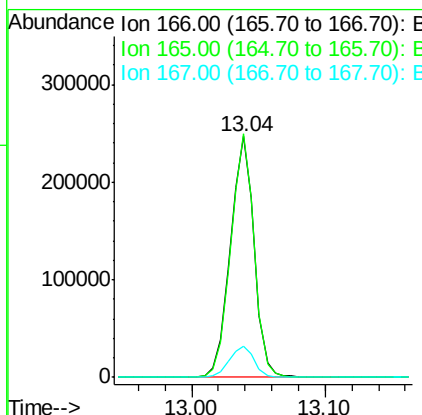
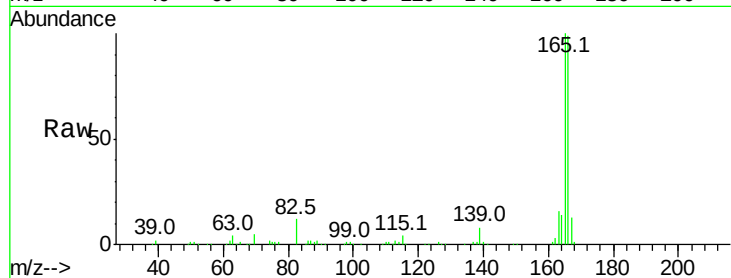
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.8	118.2
167	13.0	10.6	16.0

Manual Integrations
 APPROVED

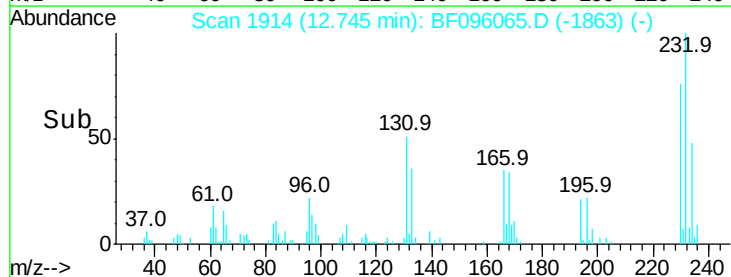
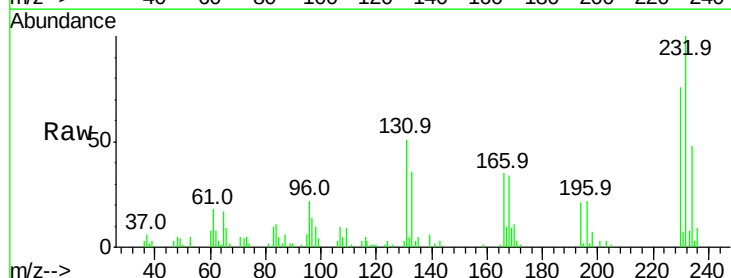
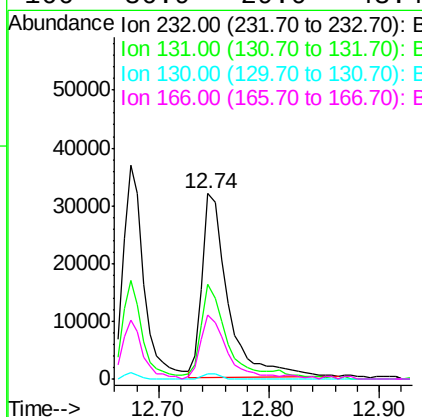
mohammad

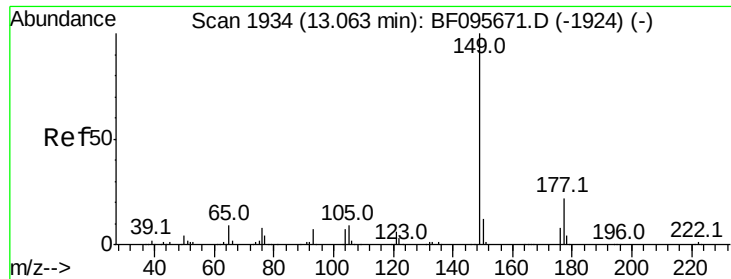
6/21/2017 2:17:37 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.57 ng
 RT: 12.74 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.8	44.8	67.2
130	1.8	2.3	3.5#
166	36.9	29.0	43.4





#59
Diethylphthalate
Concen: 42.44 ng
RT: 12.95 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

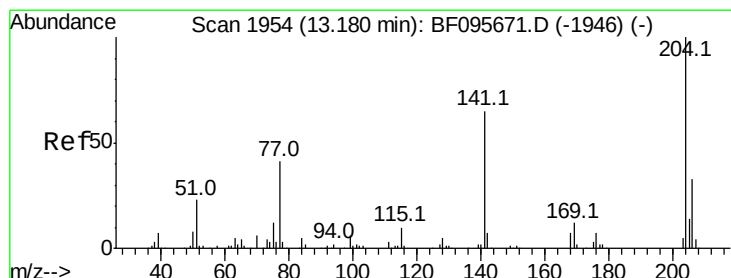
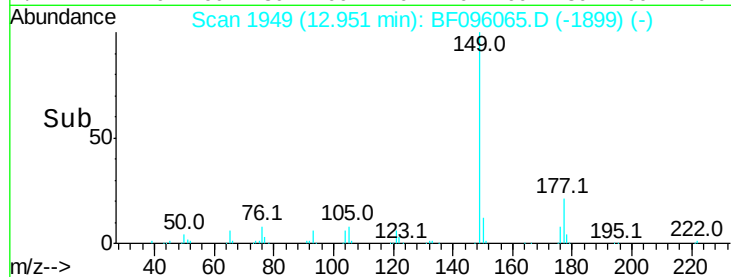
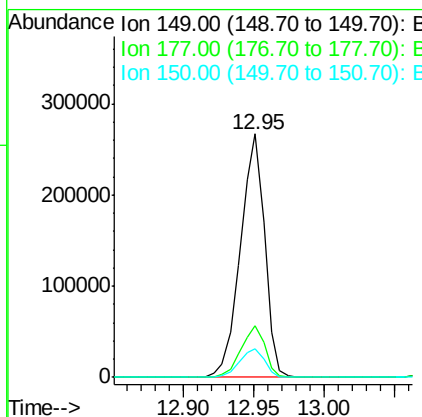
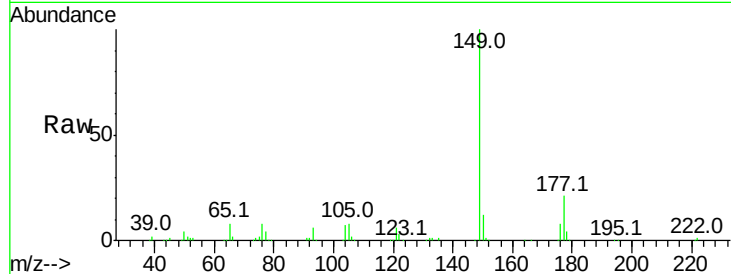
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	319603		
177	21.0	16.7	25.1	
150	12.0	10.2	15.2	

Manual Integrations
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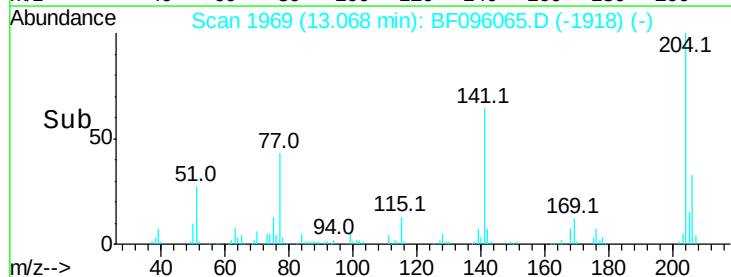
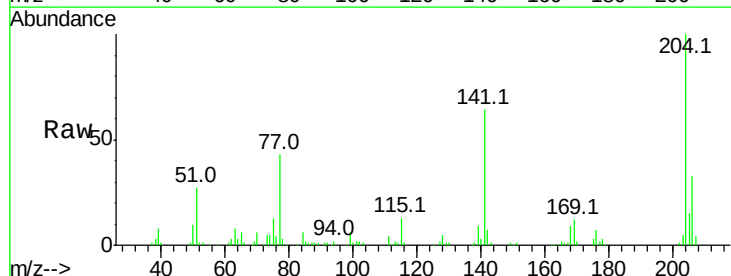
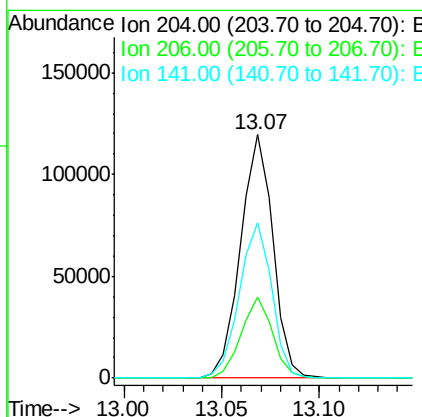
mohammad

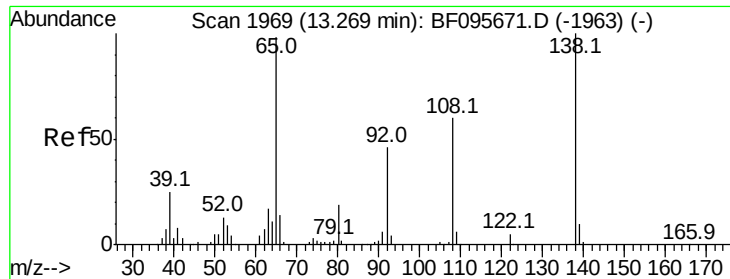
6/21/2017 2:17:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.45 ng
RT: 13.07 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	137721		
206	33.4	26.2	39.2	
141	64.0	60.8	91.2	





#61
4-Nitroaniline
Concen: 44.37 ng
RT: 13.18 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

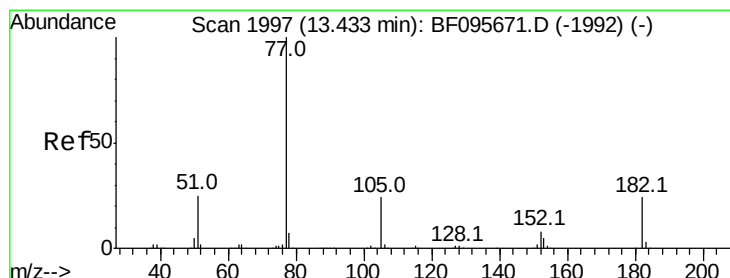
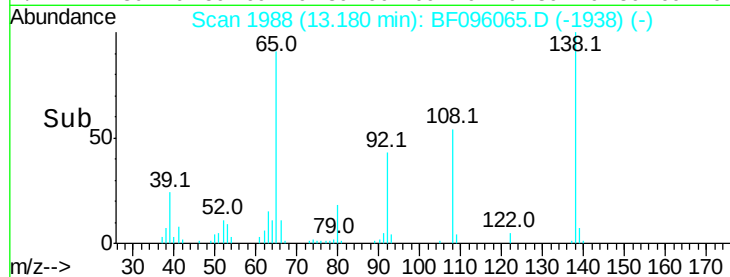
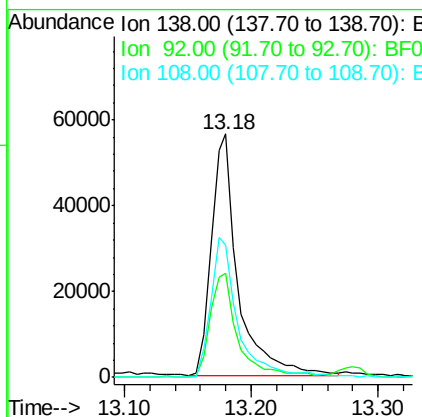
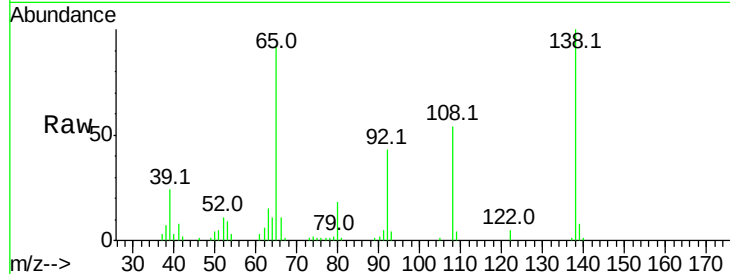
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	138	Resp:	82381
Ion Ratio	Lower	Upper	
138	100		
92	42.6	21.8	61.8
108	54.1	42.3	82.3

Manual Integrations
APPROVED

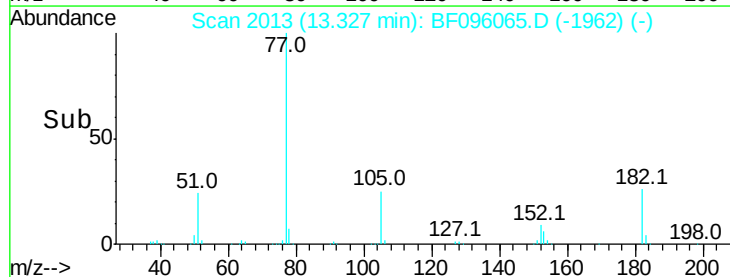
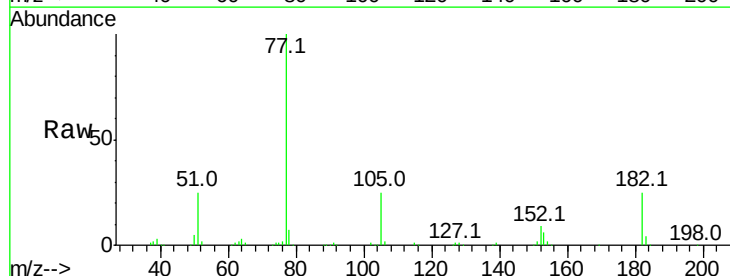
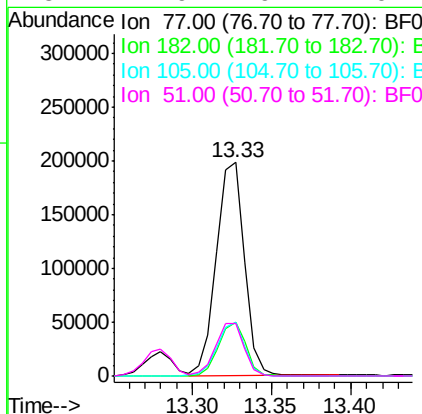
mohammad

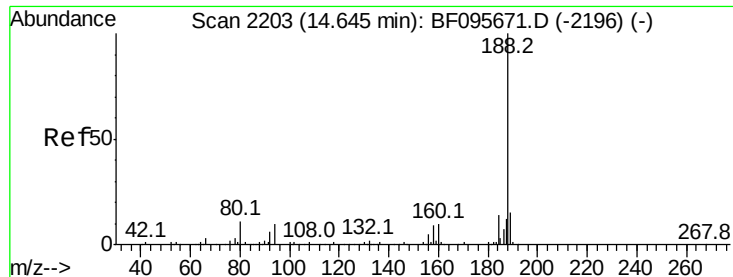
6/21/2017 2:17:37 PM



#62
Azobenzene
Concen: 35.89 ng
RT: 13.33 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion:	77	Resp:	244937
Ion Ratio	Lower	Upper	
77	100		
182	25.4	0.1	40.1
105	25.1	3.6	43.6
51	24.9	9.4	49.4





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

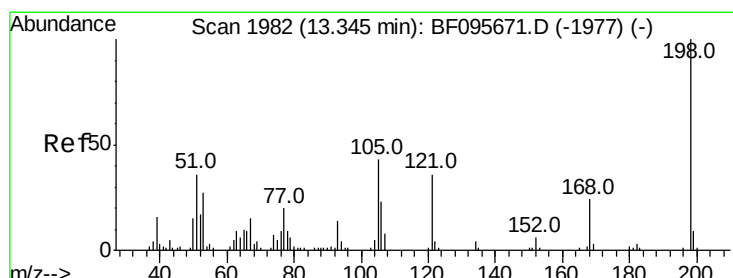
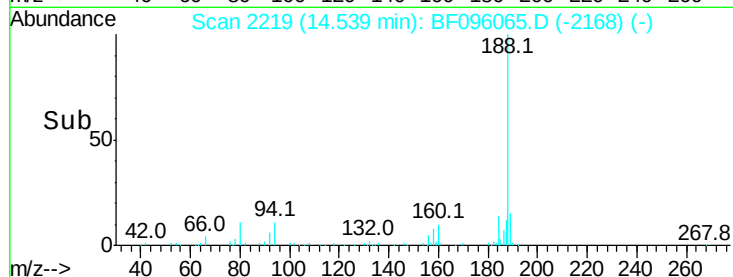
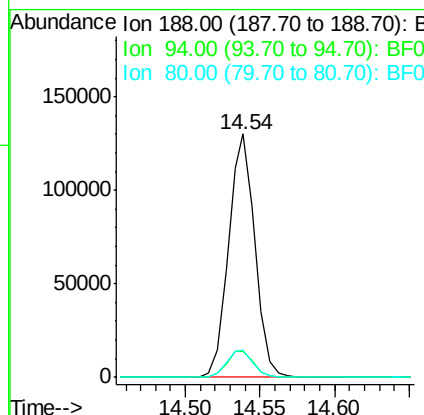
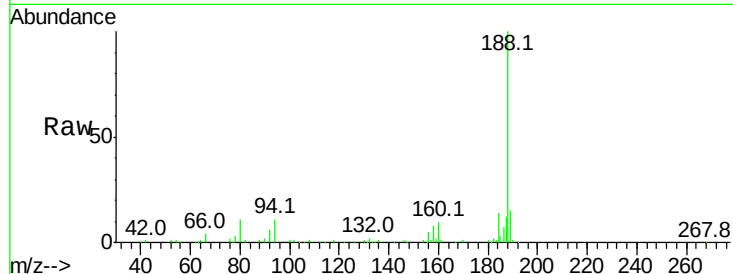
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	160759		
94	10.6		9.4	14.2
80	11.2		10.2	15.2

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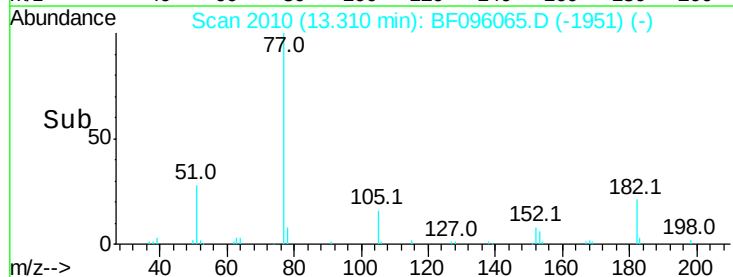
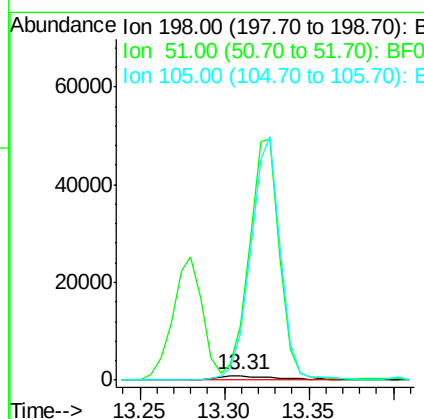
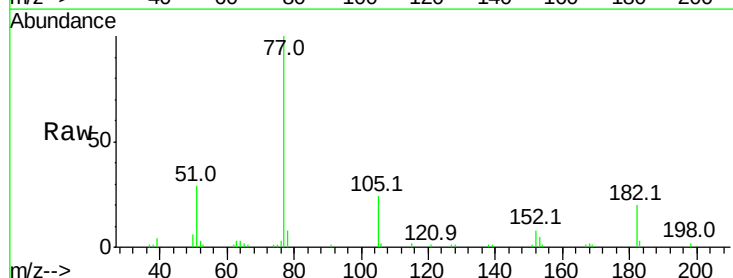
mohammad

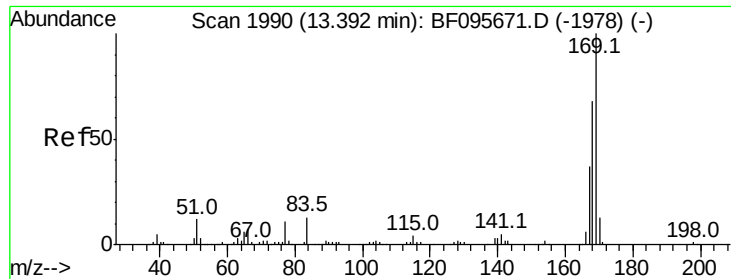
6/21/2017 2:17:37 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 2.05 ng
RT: 13.31 min Scan# 2010
Delta R.T. 0.05 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	2165		
51	1262.0		53.2	93.2#
105	1064.7		45.8	85.8#





#65
n-Nitrosodiphenylamine
Concen: 43.78 ng
RT: 13.28 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

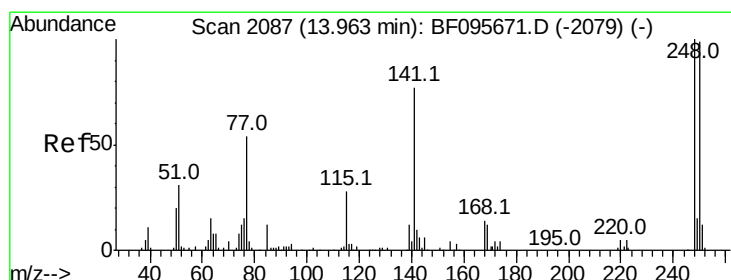
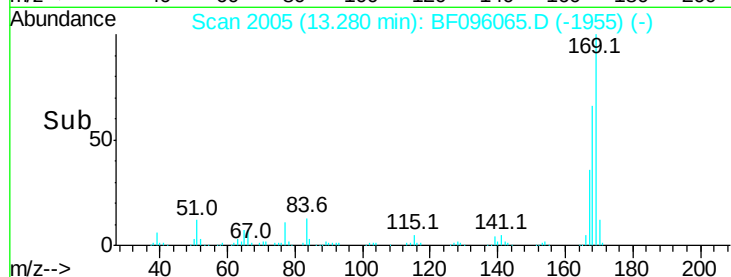
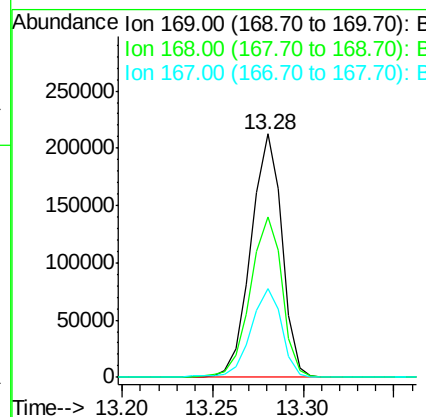
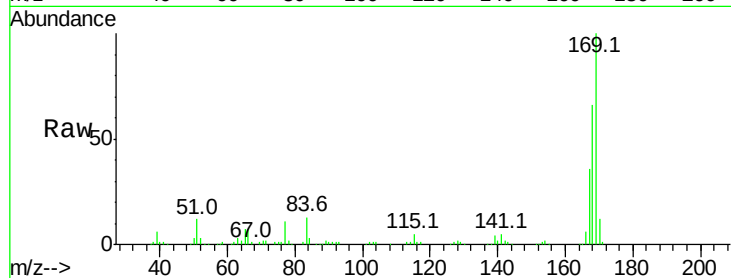
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.2	79.8
167	36.5	29.5	44.3

Manual Integrations
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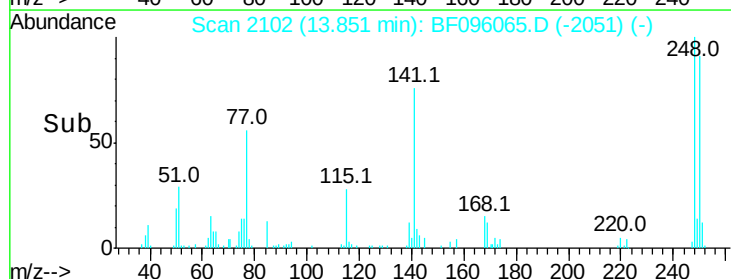
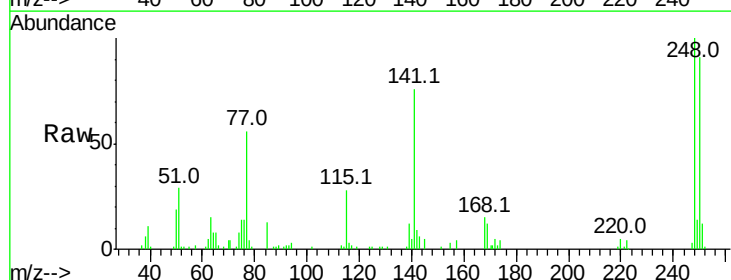
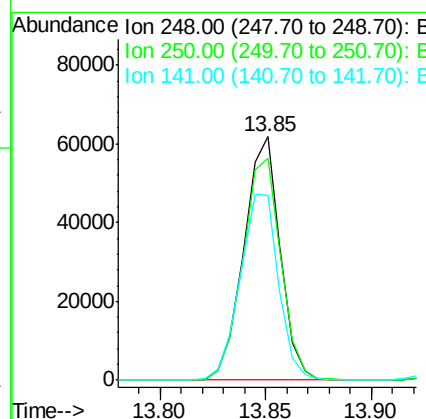
mohammad

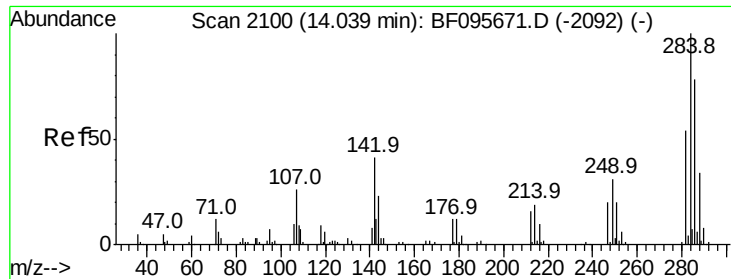
6/21/2017 2:17:37 PM



#66
4-Bromophenyl-phenylether
Concen: 44.02 ng
RT: 13.85 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	91.3	76.8	115.2
141	75.7	68.6	103.0





#67

Hexachlorobenzene

Concen: 42.34 ng

RT: 13.94 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

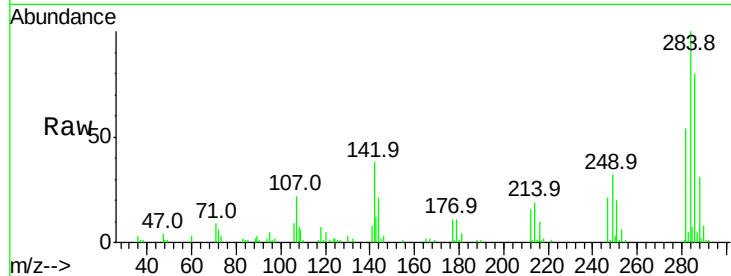
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	69713		
142	37.7		22.8	34.2#
249	31.8		24.0	36.0

Manual Integrations
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mohammad

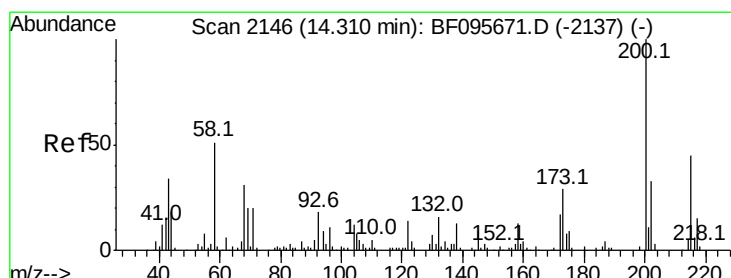
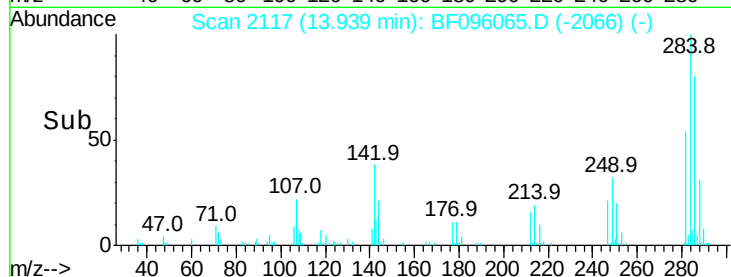
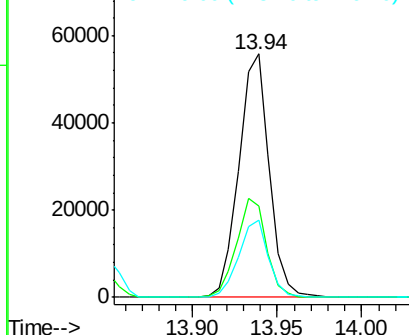
6/21/2017 2:17:37 PM



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: 40.99 ng

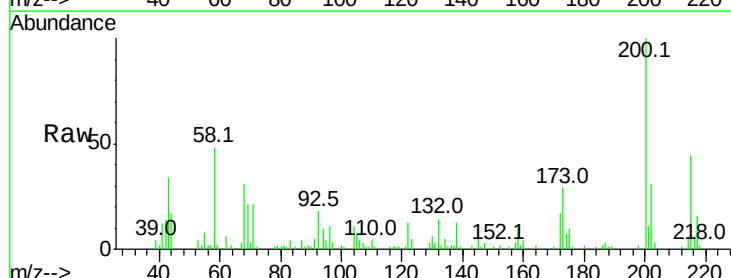
RT: 14.20 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

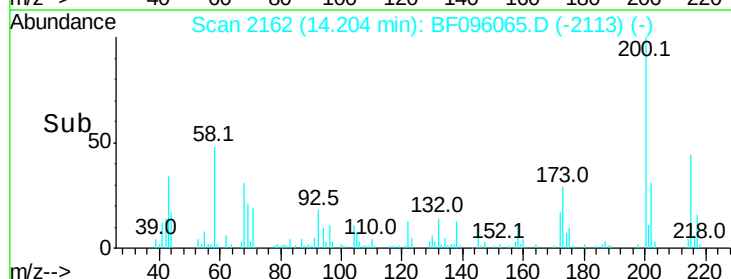
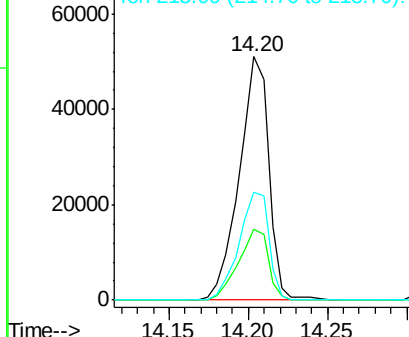
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	65903		
173	28.9		6.3	46.3
215	44.5		27.2	67.2

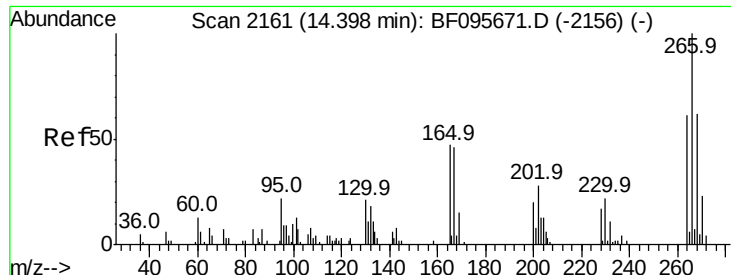


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69
 Pentachlorophenol
 Concen: 36.39 ng
 RT: 14.32 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

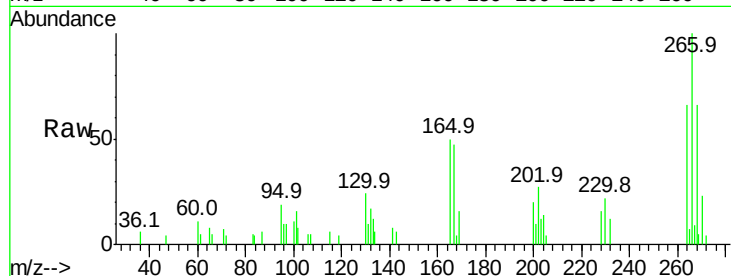
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	20268		
268	70.9	51.1	76.7	
264	65.7	51.7	77.5	

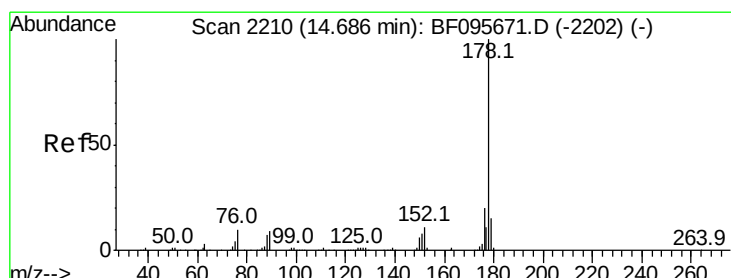
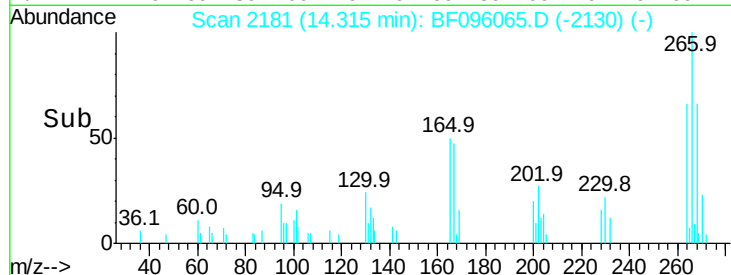
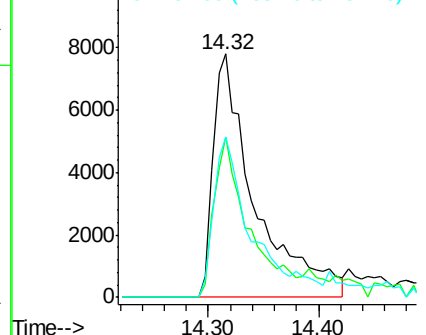
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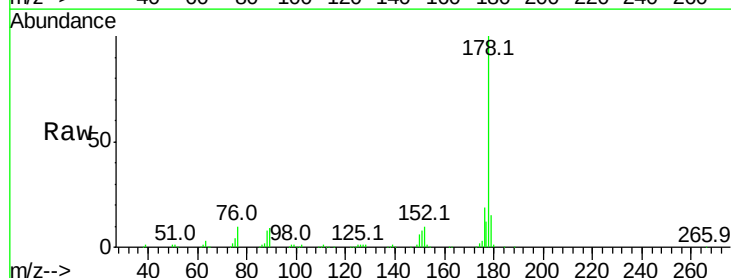


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

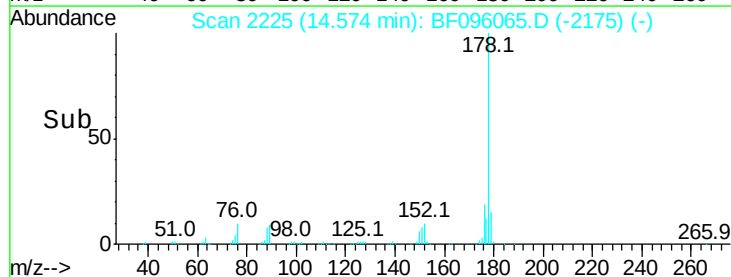
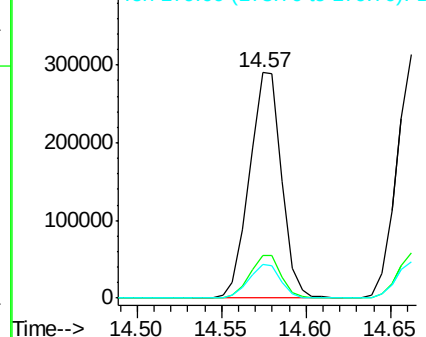


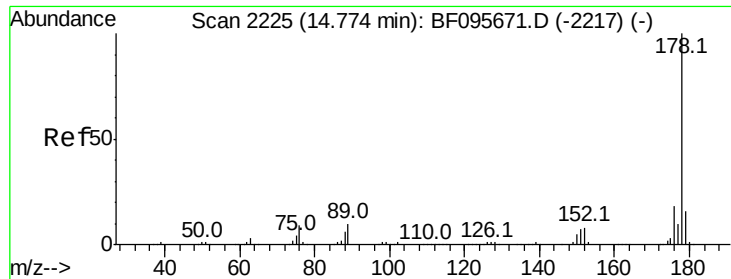
#70
 Phenanthrene
 Concen: 41.46 ng
 RT: 14.57 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	384589		
176	18.8	16.2	24.4	
179	15.1	12.6	19.0	



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





#71
 Anthracene
 Concen: 41.47 ng
 RT: 14.66 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

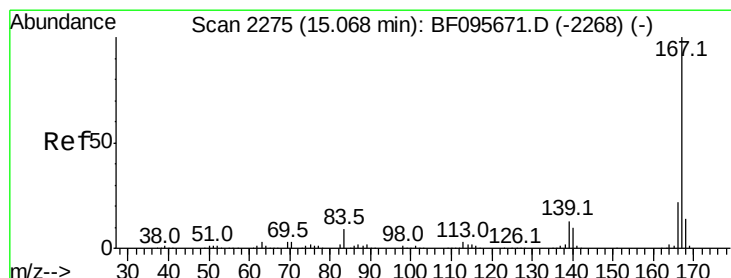
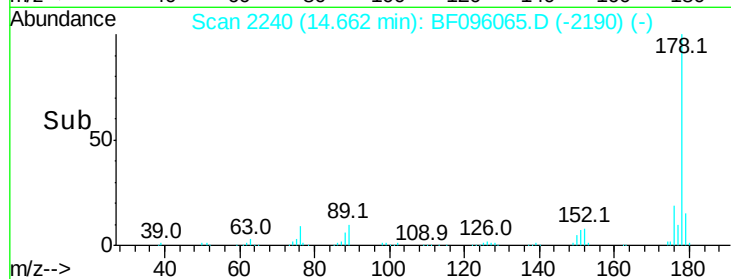
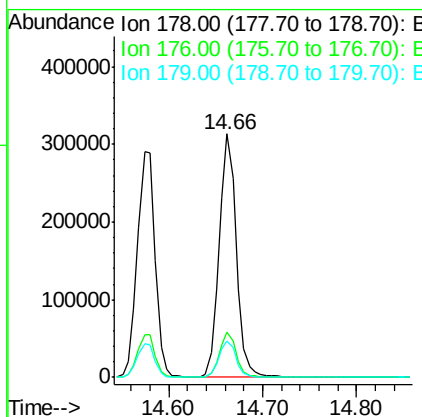
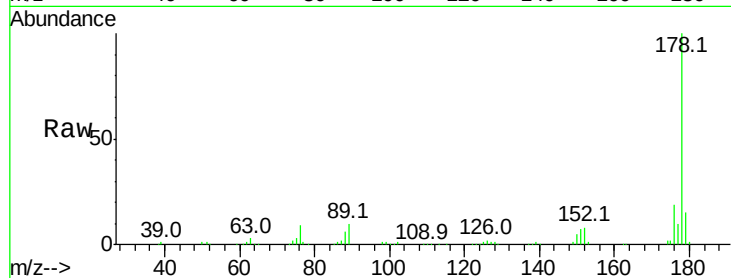
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.2	12.7	19.1

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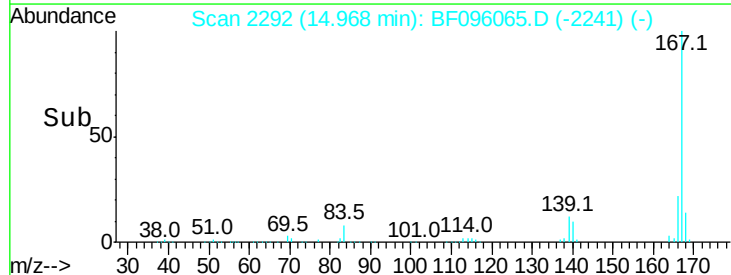
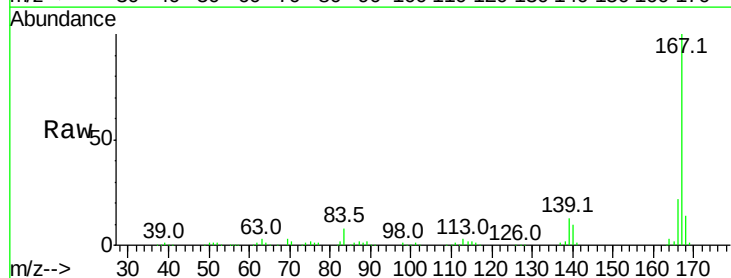
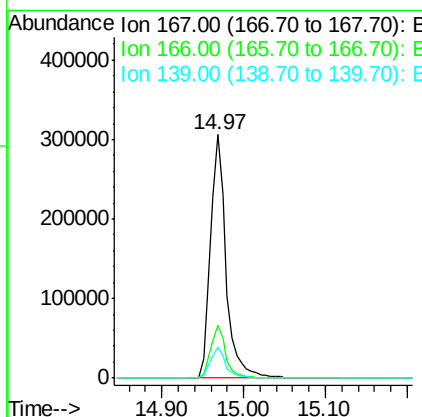
mohammad

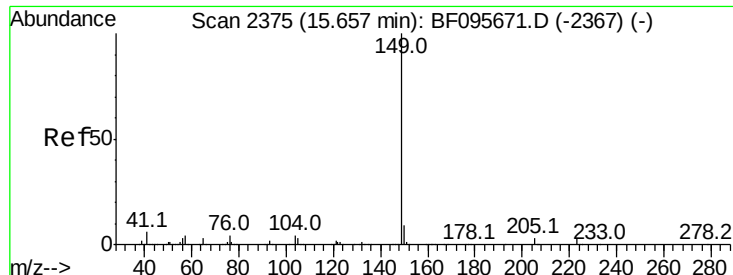
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#72
 Carbazole
 Concen: 42.84 ng
 RT: 14.97 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	12.7	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.20 ng

RT: 15.56 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

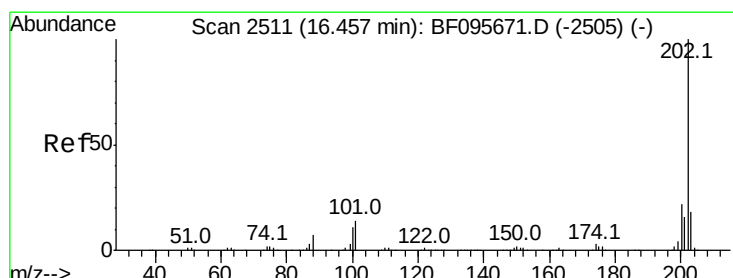
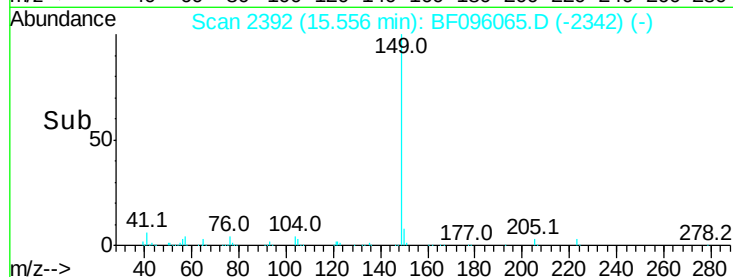
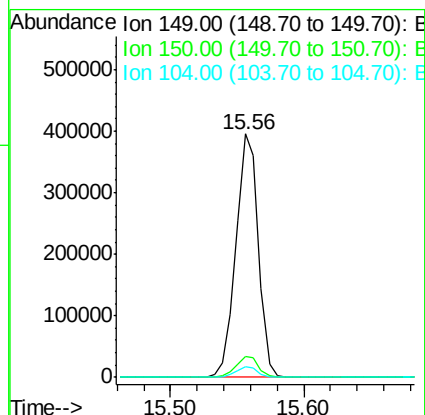
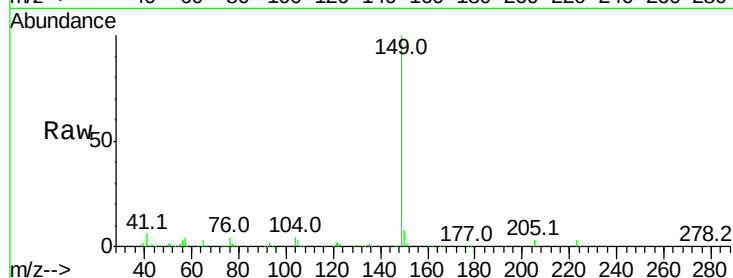
SSTDCCC040

Tot Ion:	149	Resp:	463849
Ion Ratio	Lower	Upper	
149	100		
150	8.5	7.7	11.5
104	4.2	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 42.55 ng

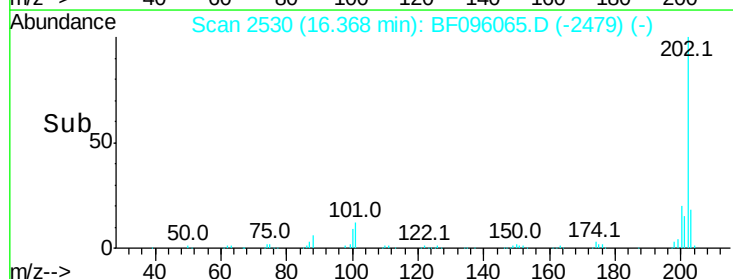
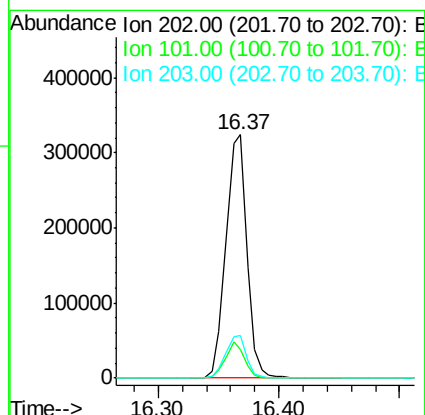
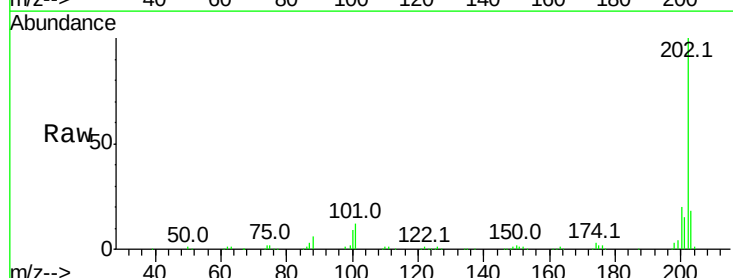
RT: 16.37 min Scan# 2530

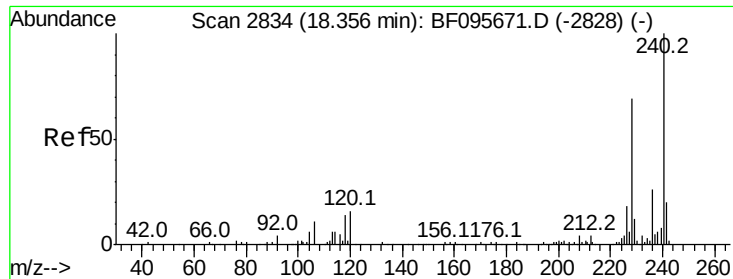
Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion:	202	Resp:	390681
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	33.2
203	17.6	0.0	38.1





#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

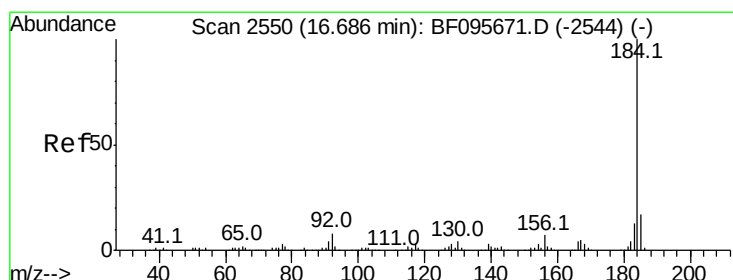
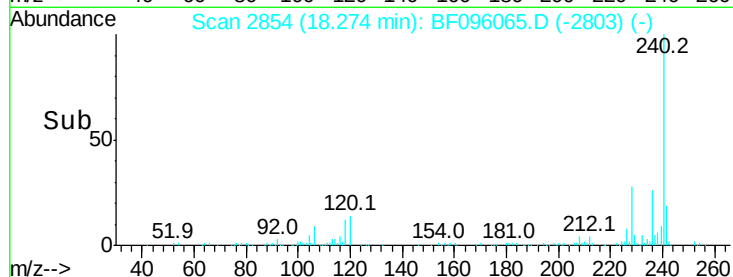
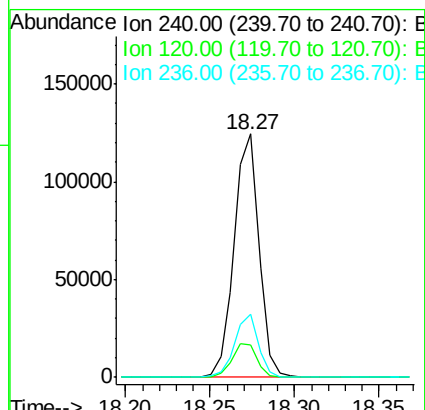
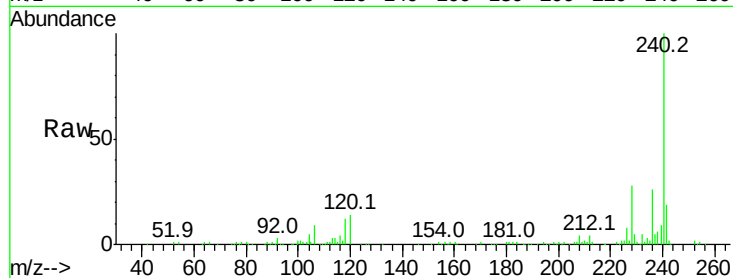
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.7	20.5	30.7

Manual Integrations
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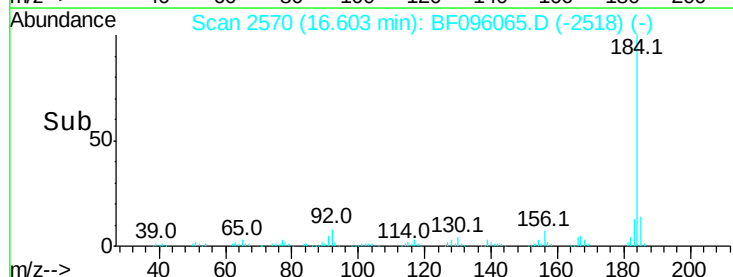
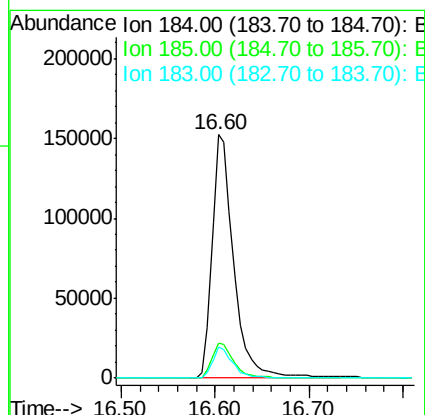
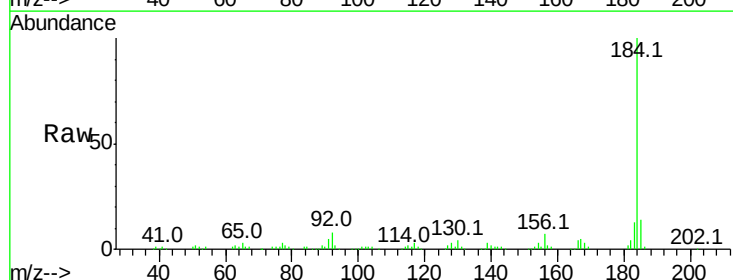
mohammad

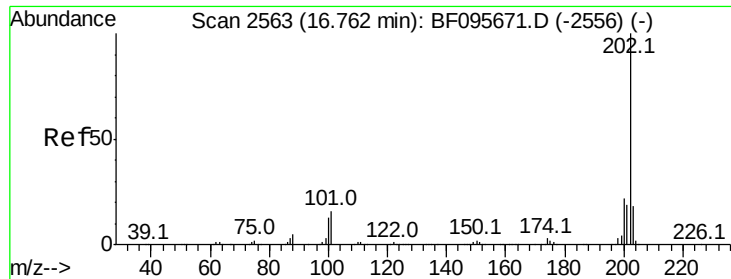
6/21/2017 2:17:37 PM



#76
Benzidine
Concen: 50.72 ng
RT: 16.60 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	15.5	23.3#
183	12.7	9.8	14.6





#77
Pvrene
Concen: 42.74 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

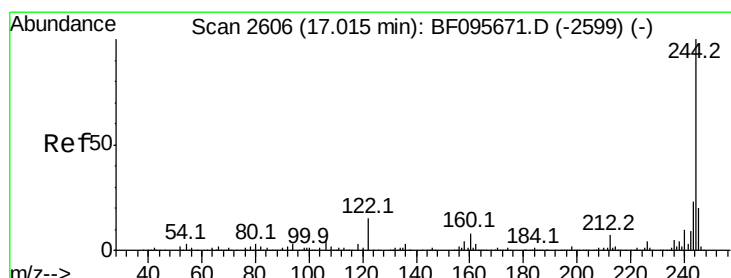
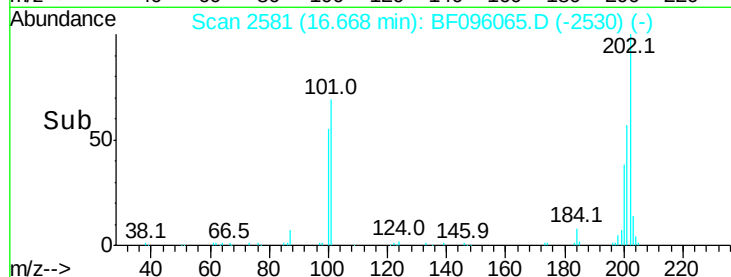
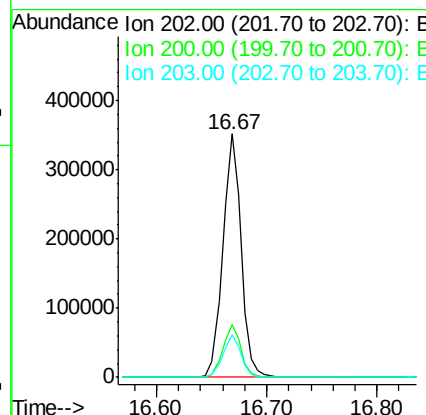
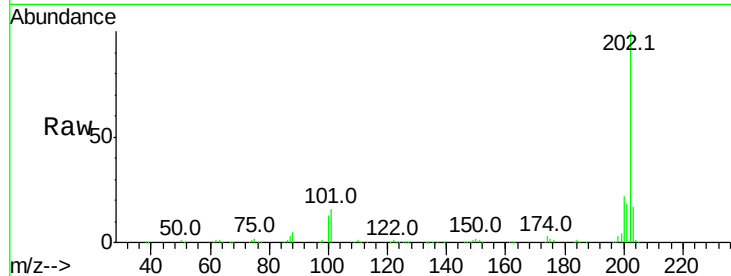
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.3	14.4	21.6

Manual Integrations
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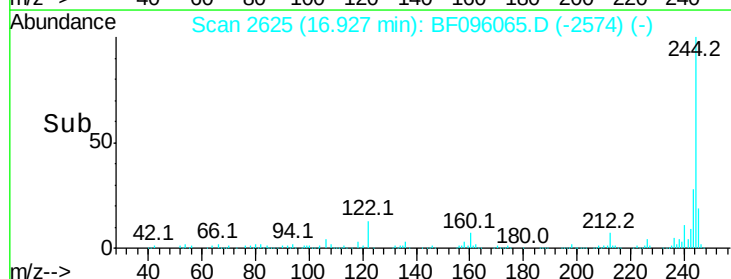
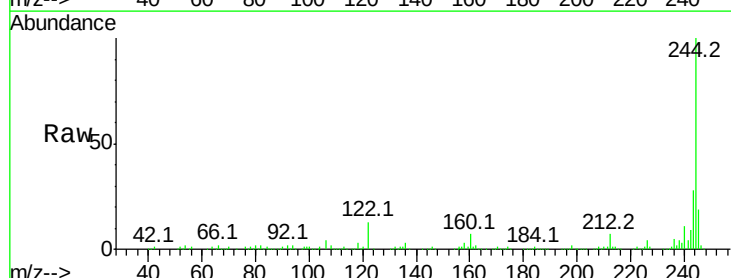
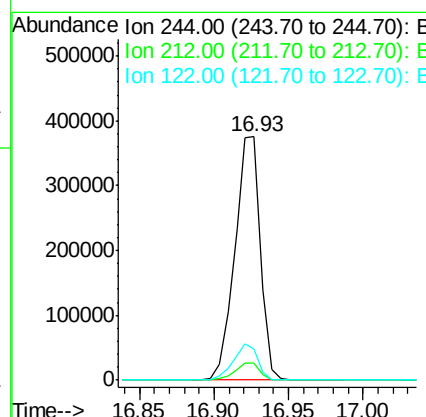
mohammad

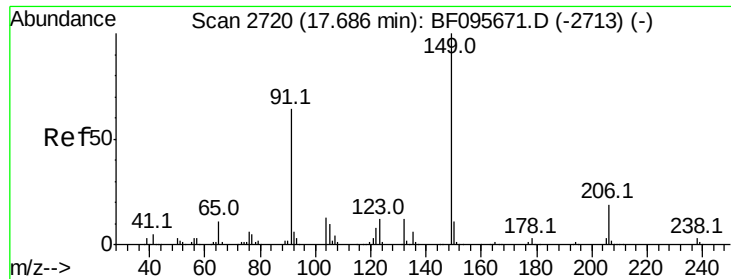
6/21/2017 2:17:37 PM



#78
Terphenyl-d14
Concen: 88.16 ng
RT: 16.93 min Scan# 2625
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.8	10.3	15.5





#79
Butylbenzylphthalate
Concen: 44.48 ng
RT: 17.59 min Scan# 2738
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

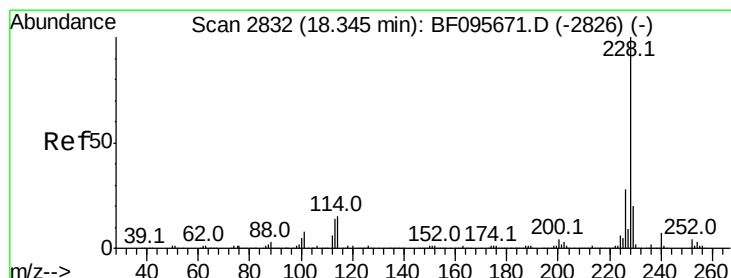
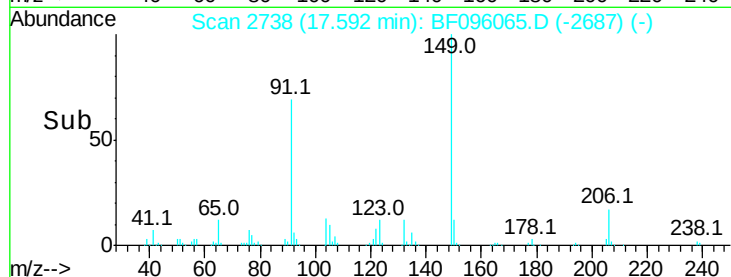
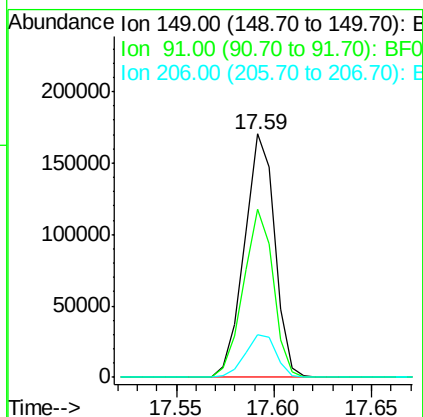
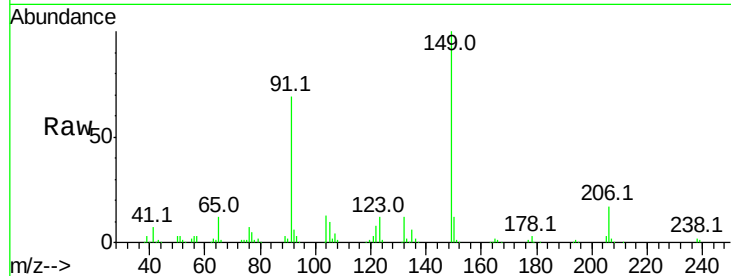
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	183992		
91	68.9	45.0	67.4#	
206	17.4	17.0	25.6	

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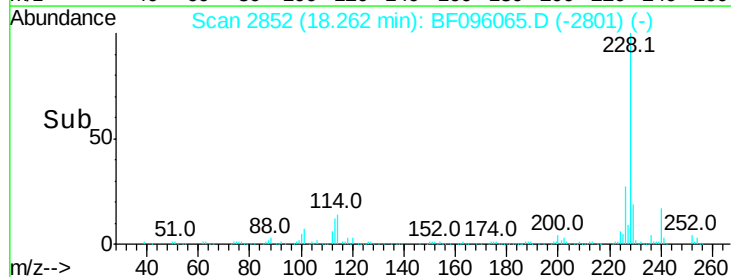
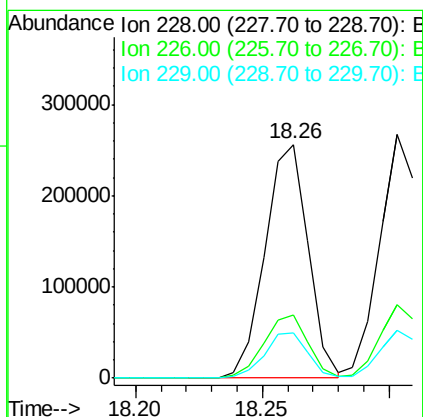
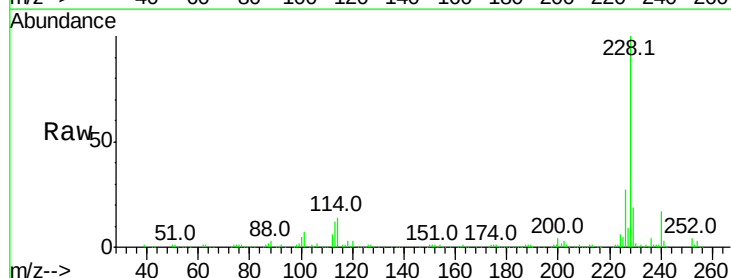
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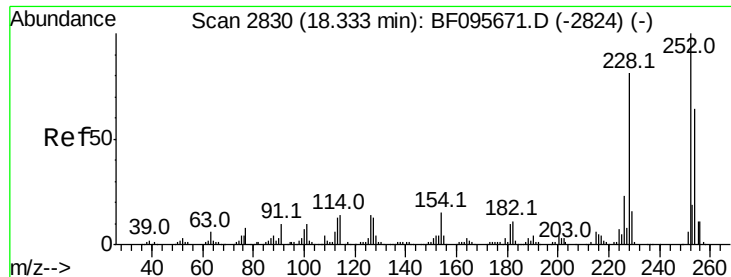
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#80
Benzo(a)anthracene
Concen: 41.26 ng
RT: 18.26 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	304489		
226	27.1	22.6	33.8	
229	19.4	16.3	24.5	





#81
 3,3'-Dichlorobenzidine
 Concen: 45.44 ng
 RT: 18.24 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

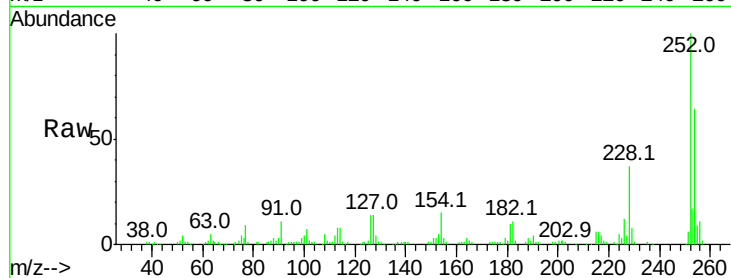
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	14.1	15.8	23.8

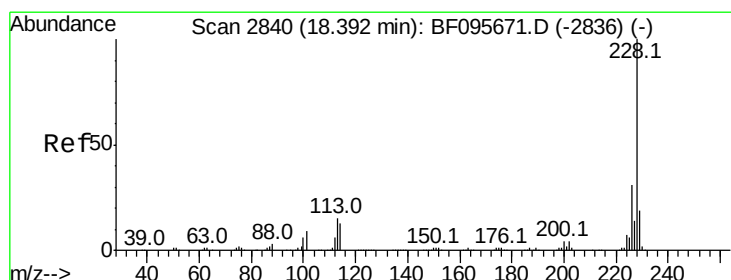
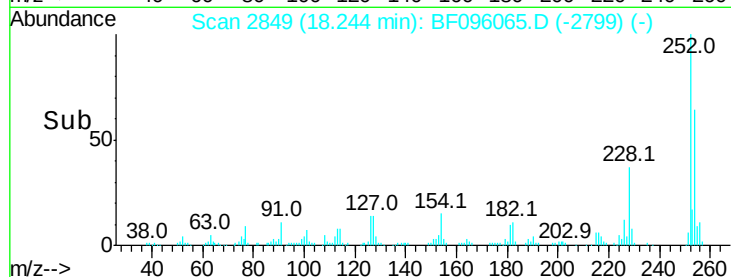
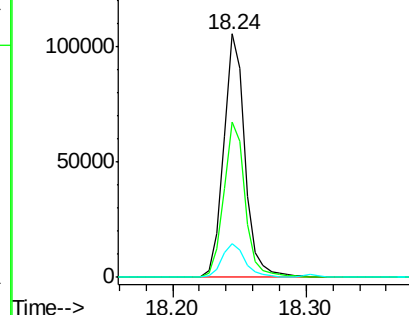
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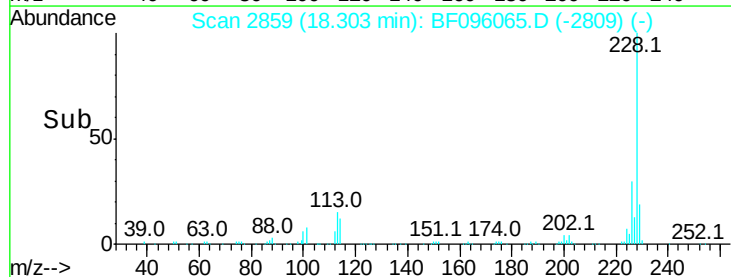
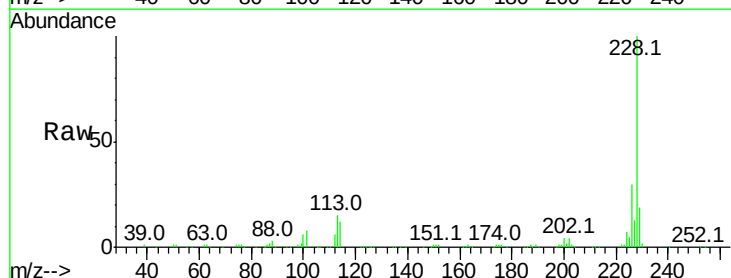
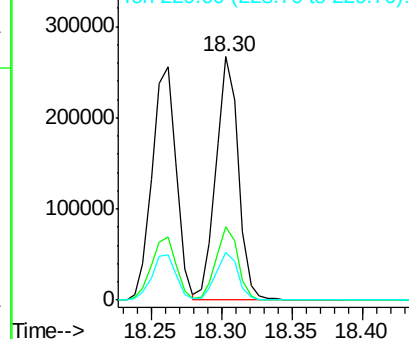
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

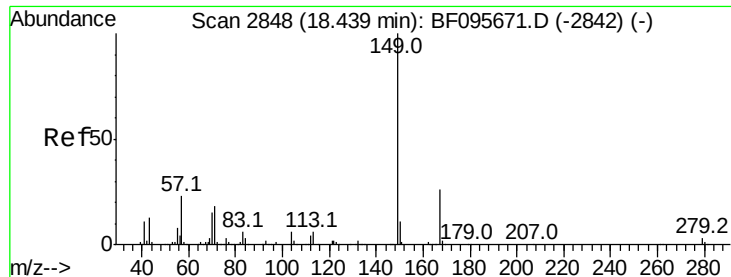


#82
 Chrysene
 Concen: 39.76 ng
 RT: 18.30 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

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

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.00 ng

RT: 18.34 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

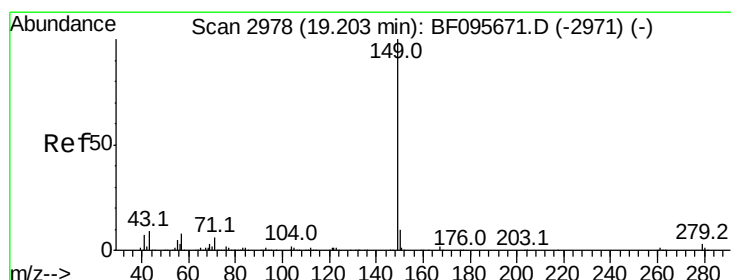
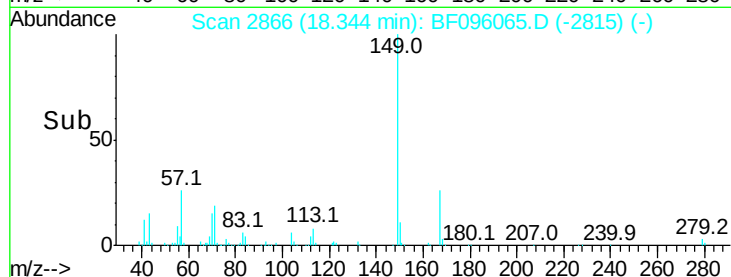
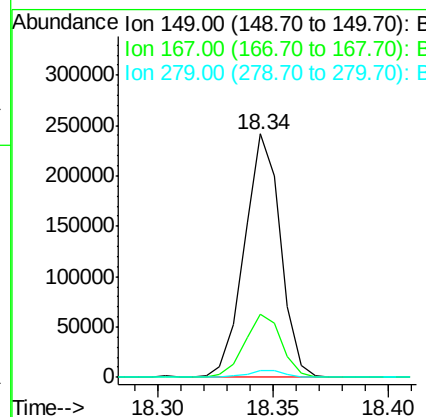
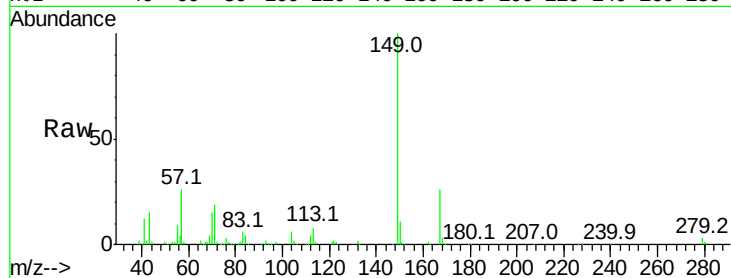
SSTDCCC040

Tot Ion:	149	Resp:	262606
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.0	31.4
279	2.9	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 44.26 ng

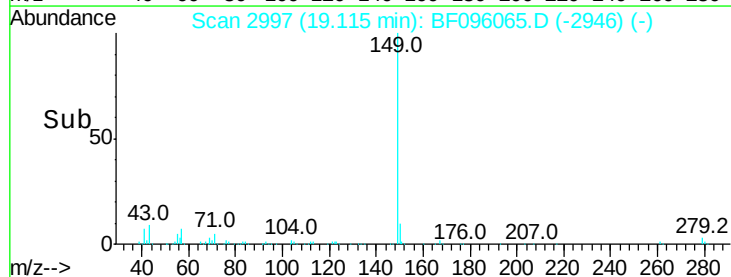
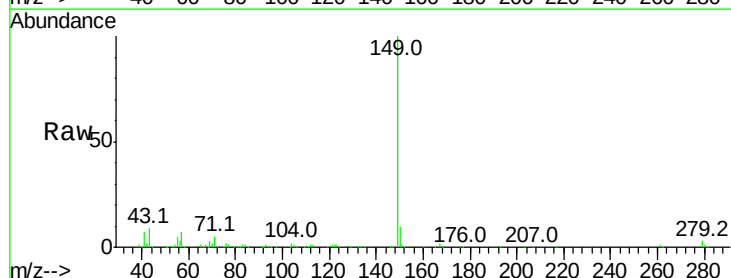
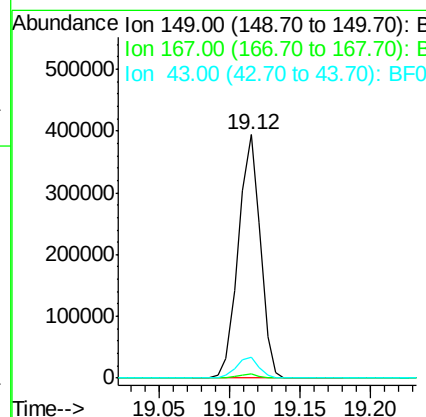
RT: 19.12 min Scan# 2997

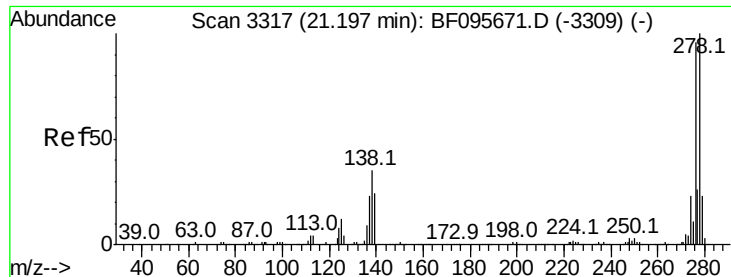
Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion:	149	Resp:	425561
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	8.7	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.13 ng

RT: 21.10 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampleId :

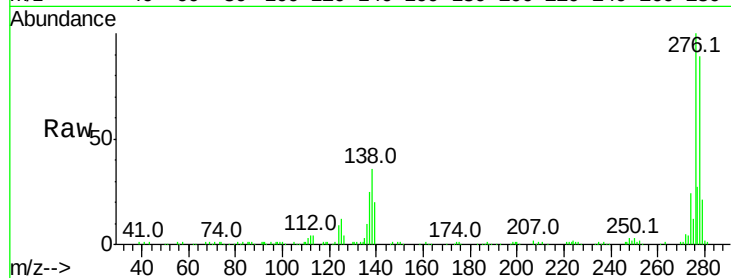
SSTDCCC040

Tot Ion:	276	Resp:	209047
Ion Ratio	Lower	Upper	
276	100		
138	35.1	27.8	41.6
277	25.9	20.2	30.4

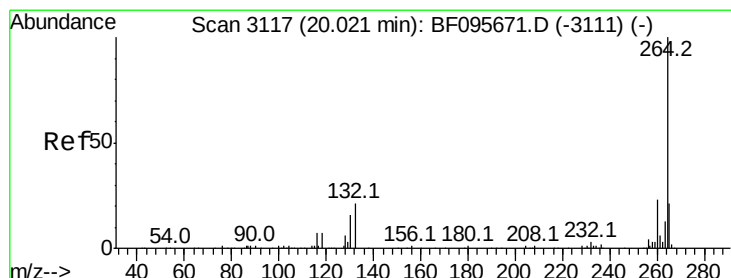
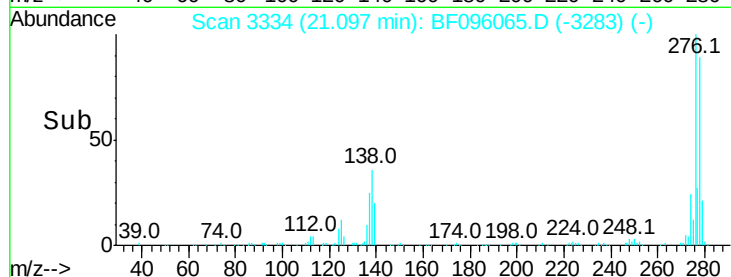
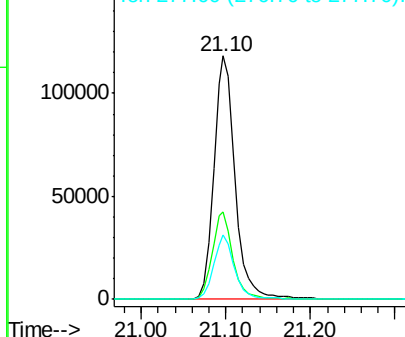
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.94 min Scan# 3138

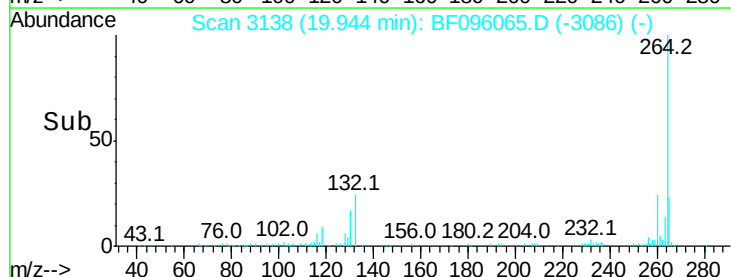
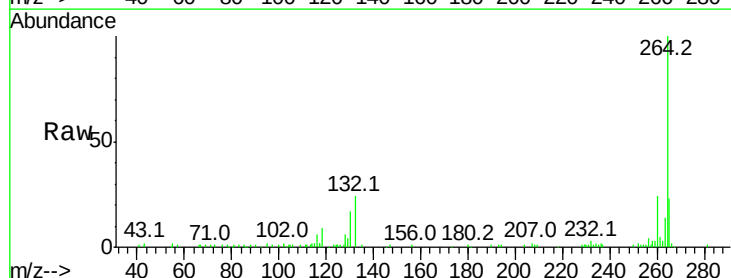
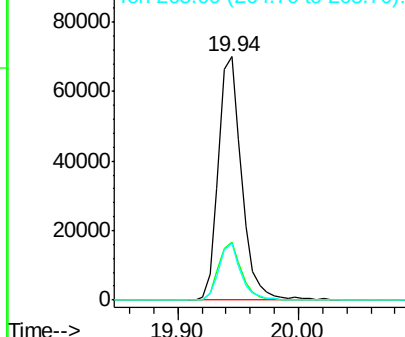
Delta R.T. 0.01 min

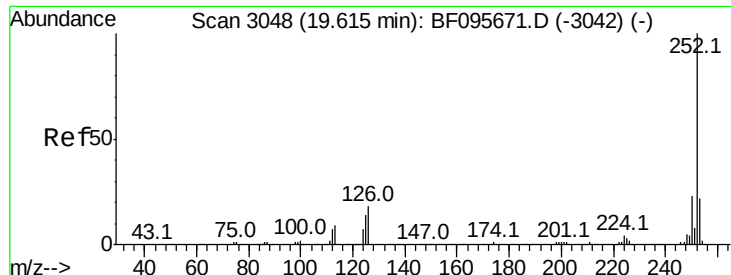
Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion:	264	Resp:	93105
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	23.2	17.2	25.8

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.34 ng

RT: 19.54 min Scan# 3069

Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Instrument :

BNA_F

ClientSampled :

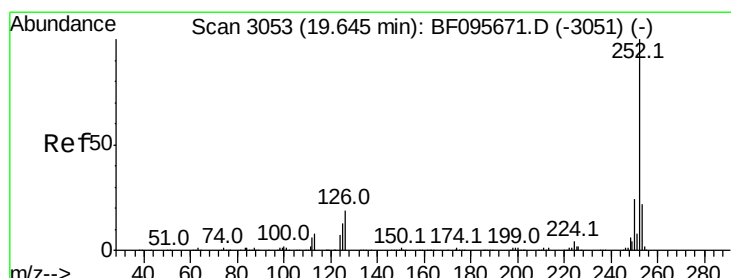
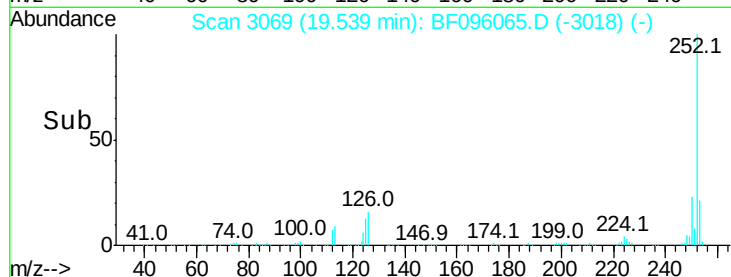
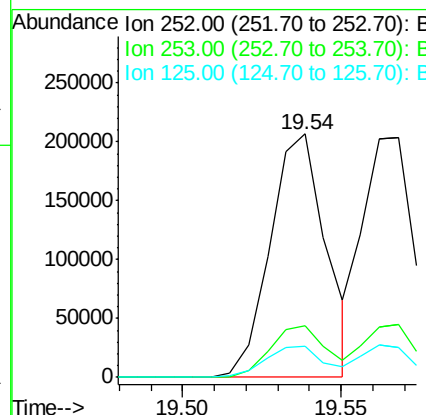
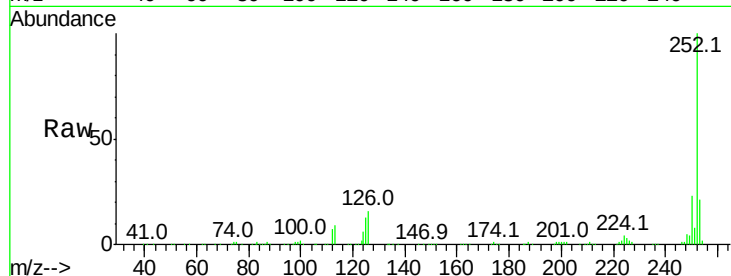
SSTDCCC040

Tot Ion:	252	Resp:	252675
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.1	27.1
125	12.7	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 42.64 ng

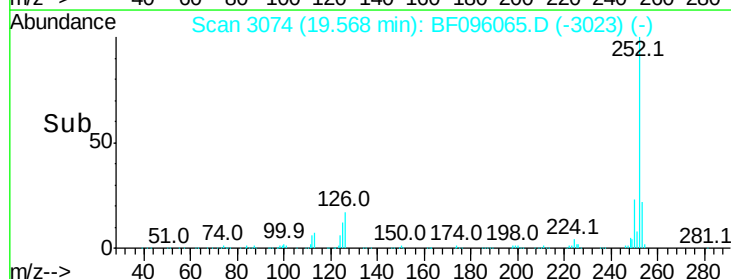
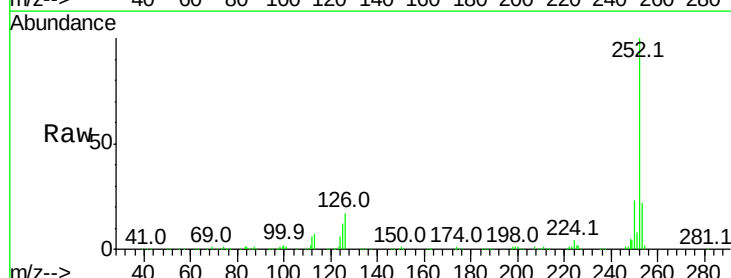
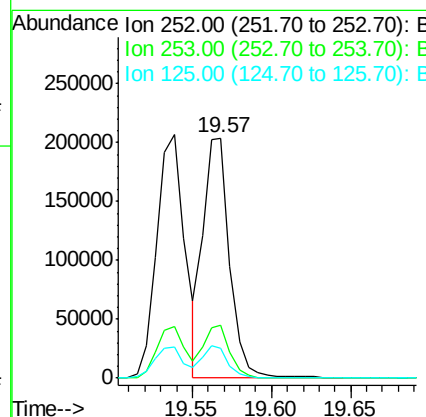
RT: 19.57 min Scan# 3074

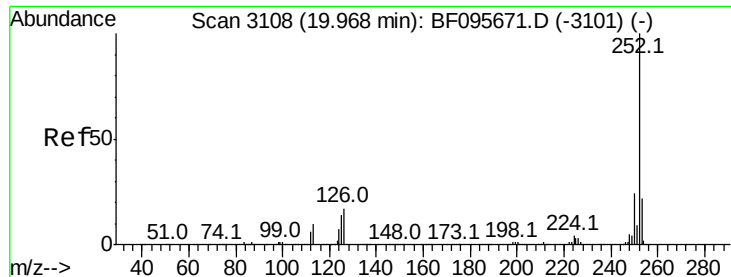
Delta R.T. 0.00 min

Lab File: BF096065.D

Acq: 21 Jun 2017 3:45

Tgt Ion:	252	Resp:	237613
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	12.2	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 41.05 ng
RT: 19.89 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

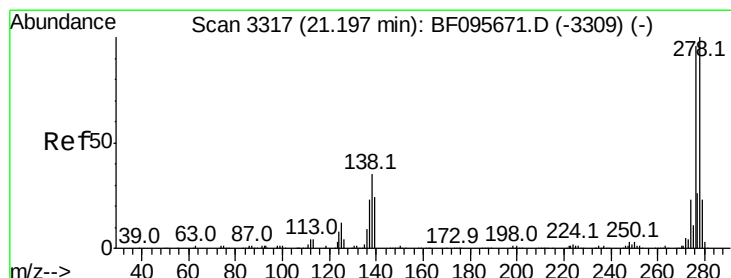
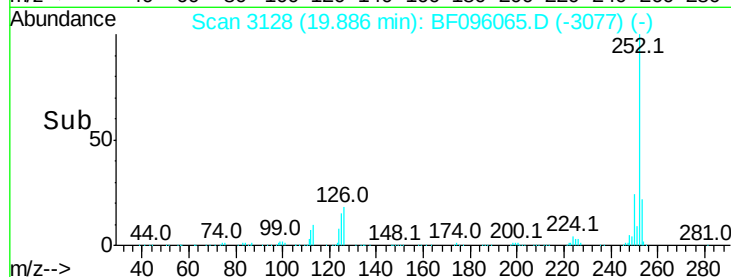
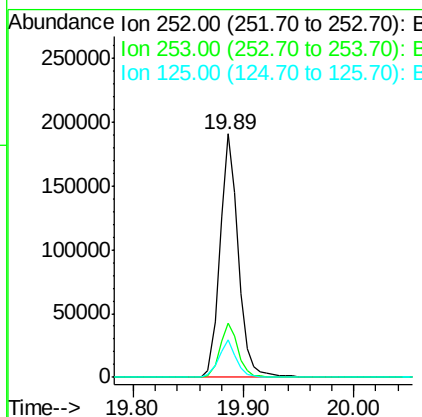
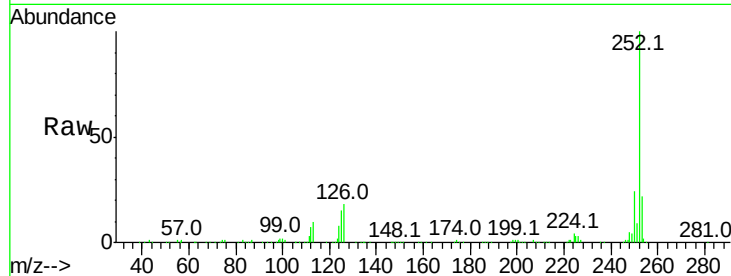
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	15.3	11.0	16.4

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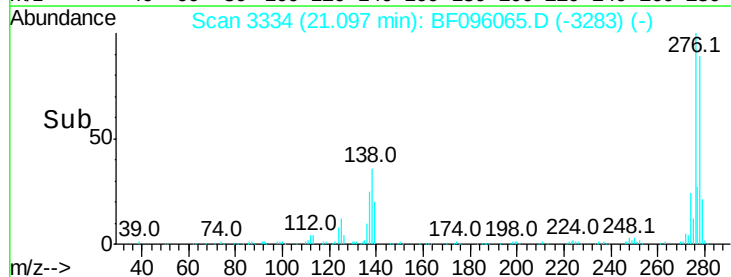
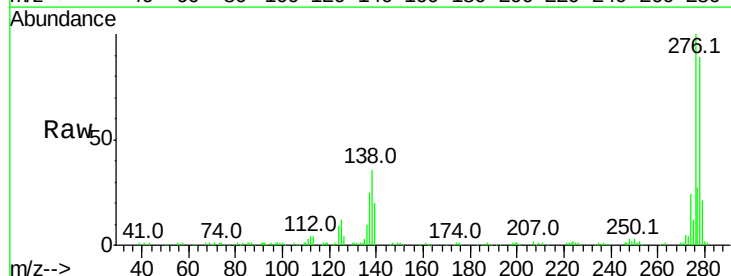
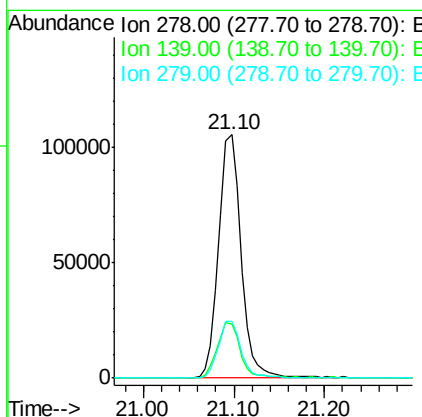
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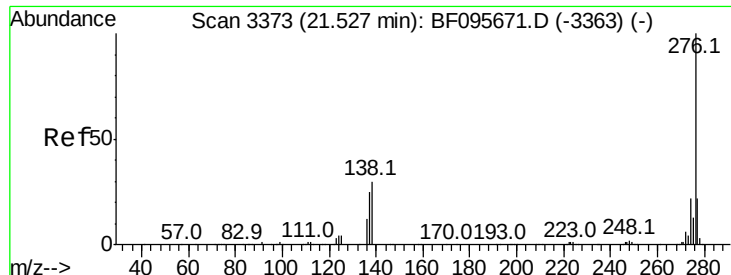
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#90
Dibenzo(a,h)anthracene
Concen: 40.16 ng
RT: 21.10 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BF096065.D
Acq: 21 Jun 2017 3:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	16.6	24.8
279	23.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.67 ng
 RT: 21.43 min Scan# 3390
 Delta R.T. 0.01 min
 Lab File: BF096065.D
 Acq: 21 Jun 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	29.0	25.4	38.0

Manual Integrations
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