

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096283.D
 Acq On : 29 Jun 2017 11:14
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:51:39 PM

Quant Time: Jun 29 17:51:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	201862	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	860994	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	369283	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	607042	20.00	ng	0.00
75) Chrysene-d12	13.92	240	449533	20.00	ng	0.00
86) Perylene-d12	15.34	264	425885	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1146169	81.80	ng	0.00
7) Phenol-d6	6.40	99	1422383	83.84	ng	0.01
23) Nitrobenzene-d5	7.34	82	1159353	93.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	316114	108.77	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1750100	86.79	ng	-0.02
78) Terphenyl-d14	12.87	244	1390728	77.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	277807	41.57	ng	# 79
3) Pyridine	3.19	79	779790	42.54	ng	# 70
4) n-Nitrosodimethylamine	3.14	42	377539	41.64	ng	92
6) Aniline	6.43	93	973094	41.60	ng	99
8) 2-Chlorophenol	6.56	128	572951	41.67	ng	92
9) Benzaldehyde	6.32	77	433321	42.91	ng	93
10) Phenol	6.42	94	781127	41.88	ng	92
11) bis(2-Chloroethyl)ether	6.51	93	630063	41.28	ng	92
12) 1,3-Dichlorobenzene	6.72	146	622287	41.07	ng	99
13) 1,4-Dichlorobenzene	6.79	146	616933	40.56	ng	96
14) 1,2-Dichlorobenzene	6.95	146	567064	40.92	ng	99
15) Benzyl Alcohol	6.92	79	492957	43.06	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1315529	40.80	ng	92
17) 2-Methylphenol	7.03	107	504816	42.34	ng	97
18) Hexachloroethane	7.29	117	232822	42.44	ng	# 83
19) n-Nitroso-di-n-propylamine	7.19	70	425056	41.82	ng	# 84
20) 3+4-Methylphenols	7.18	107	557281	40.98	ng	97
22) Acetophenone	7.19	105	728685	40.72	ng	# 93
24) Nitrobenzene	7.36	77	641073	46.55	ng	94
25) Isophorone	7.60	82	1171784	41.48	ng	97
26) 2-Nitrophenol	7.67	139	315381	49.55	ng	# 84
27) 2,4-Dimethylphenol	7.71	122	524570	41.10	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	771284	40.31	ng	99
29) 2,4-Dichlorophenol	7.91	162	469421	43.12	ng	94
30) 1,2,4-Trichlorobenzene	8.00	180	439700	40.70	ng	96
31) Naphthalene	8.08	128	1677110	40.41	ng	100
32) Benzoic acid	7.84	122	363678	41.68	ng	91
33) 4-Chloroaniline	8.12	127	716079	41.68	ng	99
34) Hexachlorobutadiene	8.20	225	222923	41.59	ng	96
35) Caprolactam	8.50	113	165028	43.87	ng	# 60
36) 4-Chloro-3-methylphenol	8.60	107	498624	42.10	ng	89
37) 2-Methylnaphthalene	8.77	142	1084323	40.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	366436	40.99	ng	99
40) Hexachlorocyclopentadiene	8.93	237	191330	47.75	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096283.D
 Acq On : 29 Jun 2017 11:14
 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:51:39 PM

Quant Time: Jun 29 17:51:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	297121	44.09	nq	98
43) 2,4,5-Trichlorophenol	9.08	196	308345	43.41	nq	98
45) 1,1'-Biphenyl	9.23	154	1176939	41.54	nq	96
46) 2-Chloronaphthalene	9.26	162	951051	40.46	nq	93
47) 2-Nitroaniline	9.35	65	368636	49.66	nq	98
48) Acenaphthylene	9.67	152	1570560	40.27	nq	100
49) Dimethylphthalate	9.53	163	1085900	41.09	nq	99
50) 2,6-Dinitrotoluene	9.59	165	253393	46.09	nq	# 86
51) Acenaphthene	9.85	154	938740	40.90	nq	99
52) 3-Nitroaniline	9.76	138	325675	46.26	nq	95
53) 2,4-Dinitrophenol	9.86	184	121065	58.59	nq	# 74
54) Dibenzofuran	10.02	168	1247459	41.62	nq	100
55) 4-Nitrophenol	9.91	139	265220	46.59	nq	# 63
56) 2,4-Dinitrotoluene	9.99	165	333057	48.07	nq	# 79
57) Fluorene	10.36	166	900629	44.65	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	213094	42.94	nq	98
59) Diethylphthalate	10.23	149	1047272	39.47	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	375381	43.87	nq	94
61) 4-Nitroaniline	10.37	138	282378	46.11	nq	88
62) Azobenzene	10.51	77	1082209	40.44	nq	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	169166	52.17	nq	79
65) n-Nitrosodiphenylamine	10.47	169	862029	39.48	nq	98
66) 4-Bromophenyl-phenylether	10.84	248	259663	41.57	nq	93
67) Hexachlorobenzene	10.91	284	283932	44.22	nq	95
68) Atrazine	10.99	200	234296	40.68	nq	93
69) Pentachlorophenol	11.09	266	181158	49.42	nq	99
70) Phenanthrene	11.32	178	1334751	43.61	nq	99
71) Anthracene	11.36	178	1383494	40.78	nq	99
72) Carbazole	11.52	167	1473653	39.35	nq	99
73) Di-n-butylphthalate	11.86	149	1580082	39.96	nq	98
74) Fluoranthene	12.50	202	1348216	39.98	nq	96
76) Benzydine	12.62	184	628460	37.29	nq	# 93
77) Pyrene	12.73	202	1373951	37.19	nq	100
79) Butylbenzylphthalate	13.35	149	675651	39.91	nq	# 82
80) Benzo(a)anthracene	13.91	228	1013854	37.00	nq	97
81) 3,3'-Dichlorobenzidine	13.87	252	431965	41.40	nq	# 97
82) Chrysene	13.95	228	1057541	37.31	nq	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	697880	37.93	nq	# 99
84) Di-n-octyl phthalate	14.52	149	1465232	38.66	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.74	276	940948	40.00	nq	100
87) Benzo(b)fluoranthene	14.94	252	1017710m	36.38	nq	
88) Benzo(k)fluoranthene	14.97	252	979542	38.35	nq	98
89) Benzo(a)pyrene	15.29	252	943150	38.17	nq	97
90) Dibenzo(a,h)anthracene	16.76	278	782139	40.42	nq	97
91) Benzo(g,h,i)perylene	17.16	276	806184	40.08	nq	98

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

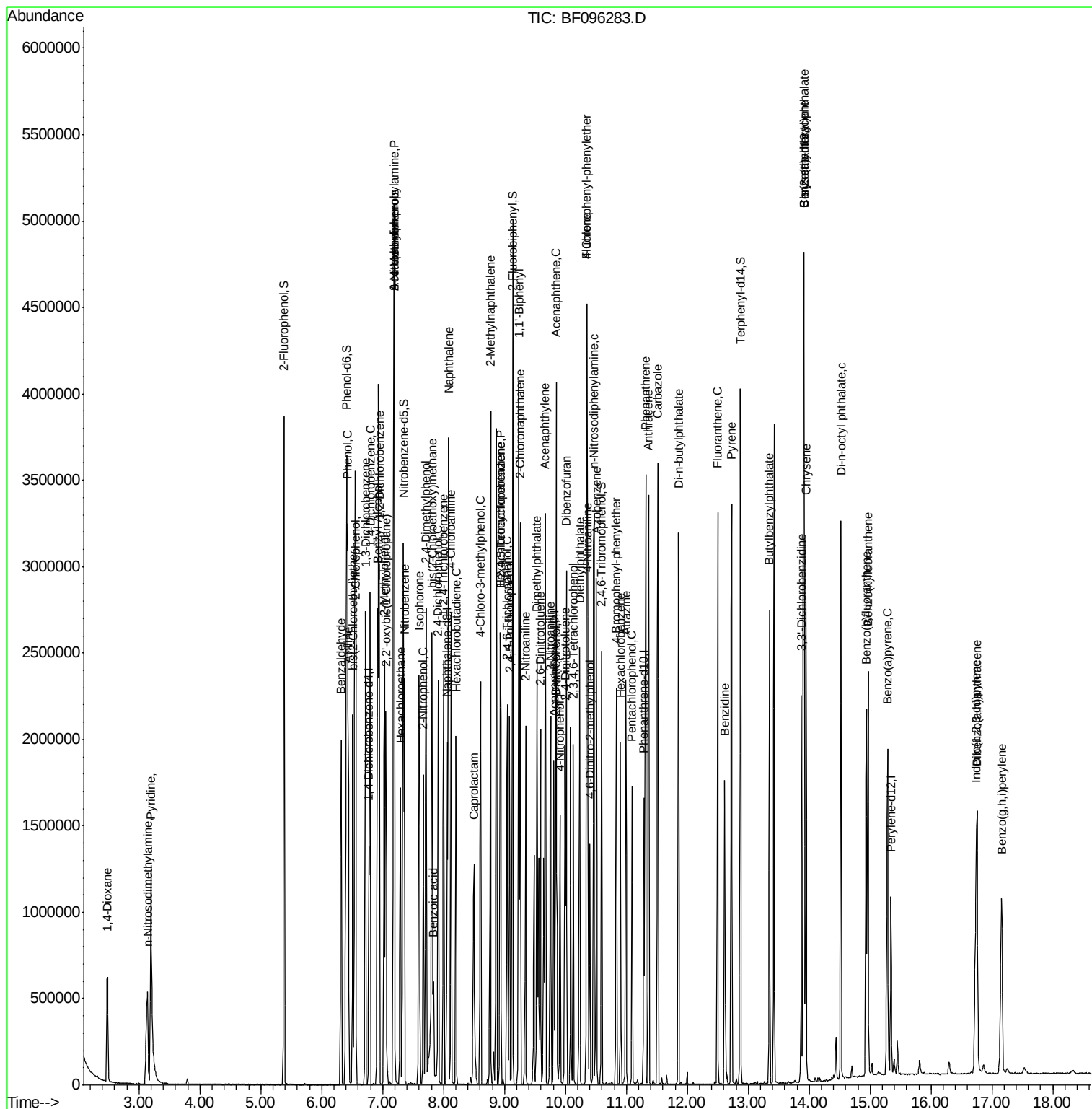
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\  
Data File : BF096283.D  
Acq On    : 29 Jun 2017  11:14  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

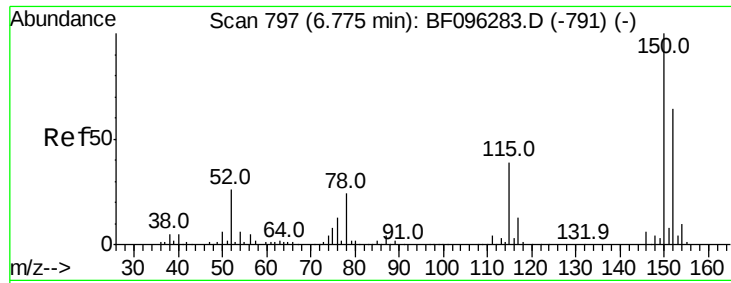
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
6/30/2017 2:51:39 PM

Quant Time: Jun 29 17:51:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration





#1

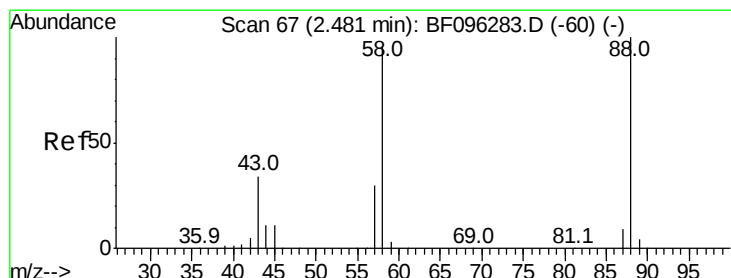
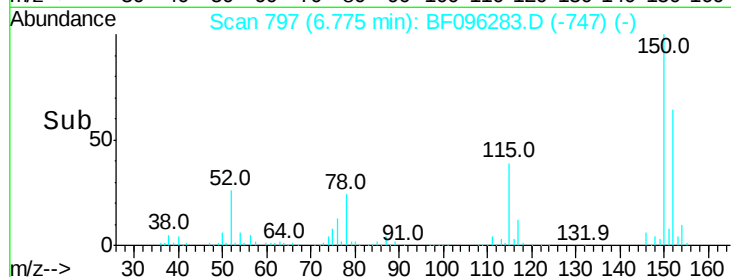
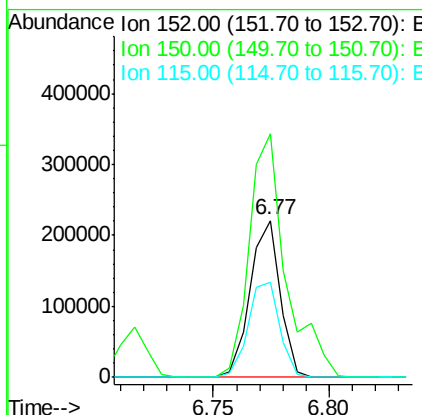
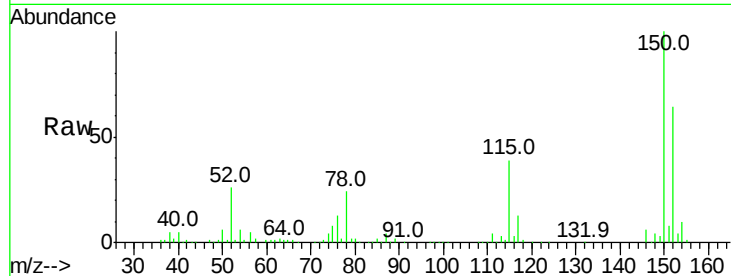
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	60.4	52.2	78.2

Manual Integrations
APPROVED

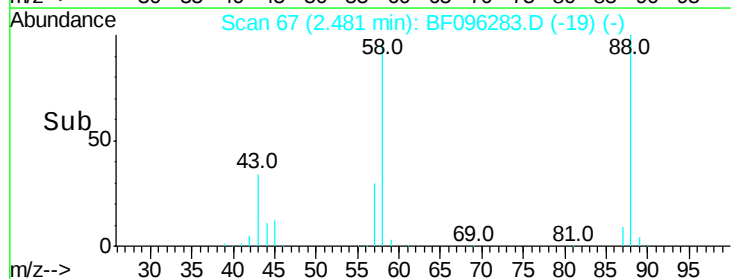
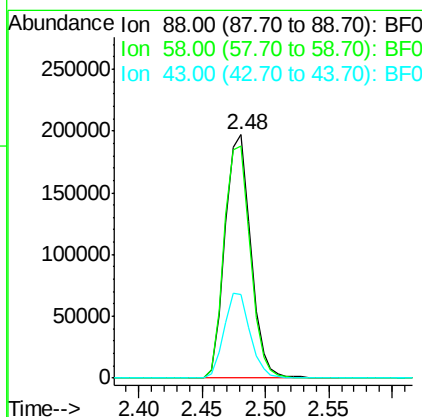
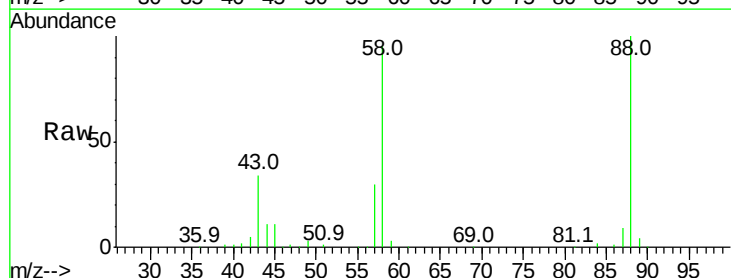
mohammad
6/30/2017 2:51:39 PM

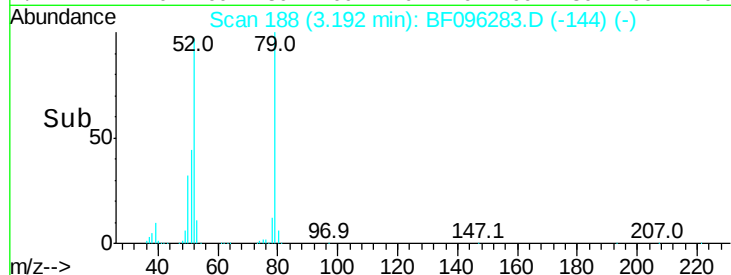
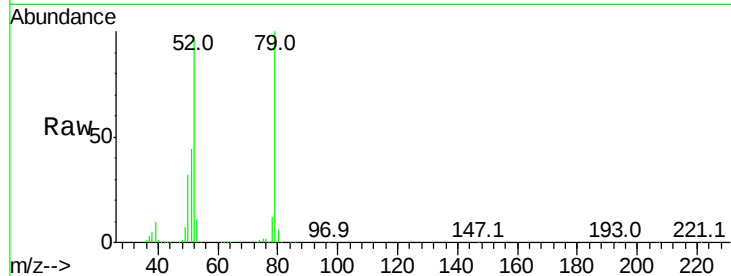
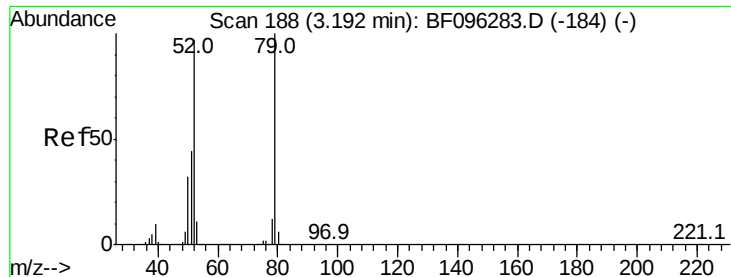


#2

1,4-Dioxane
Concen: 41.57 ng
RT: 2.48 min Scan# 67
Delta R.T. -0.02 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.2	61.4	92.0#
43	35.6	23.4	35.0#





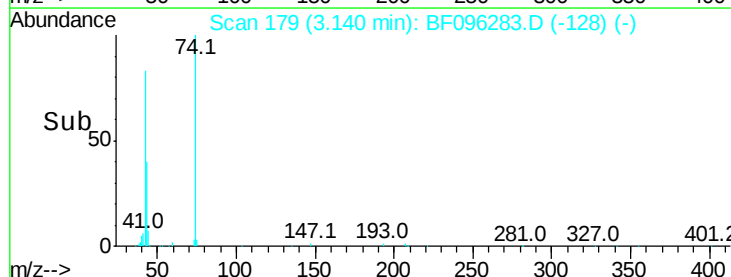
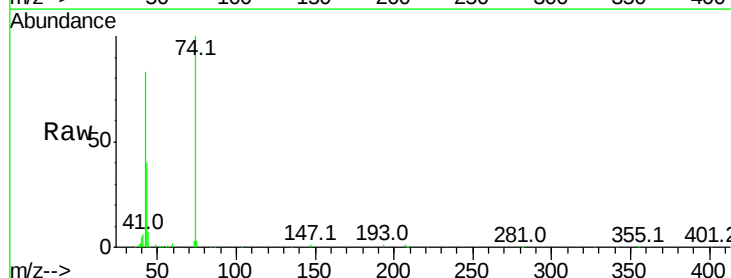
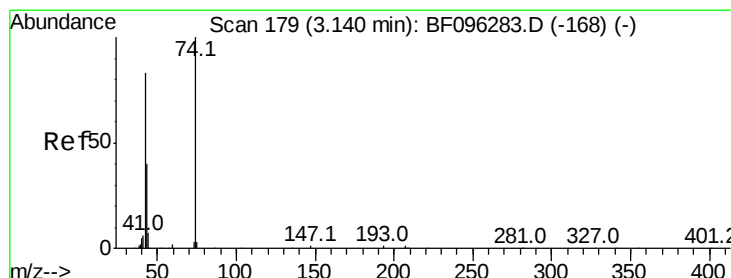
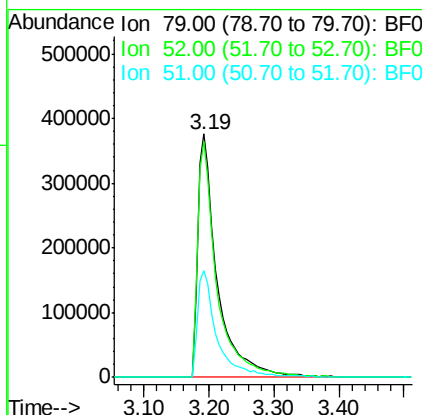
#3
 Pvridine
 Concen: 42.54 ng
 RT: 3.19 min Scan# 188
 Delta R.T. -0.04 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	97.1	54.8	82.2#	
51	43.9	27.0	40.4#	

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

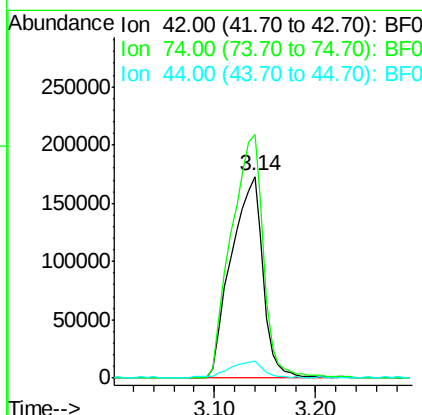
Manual Integrations
 APPROVED

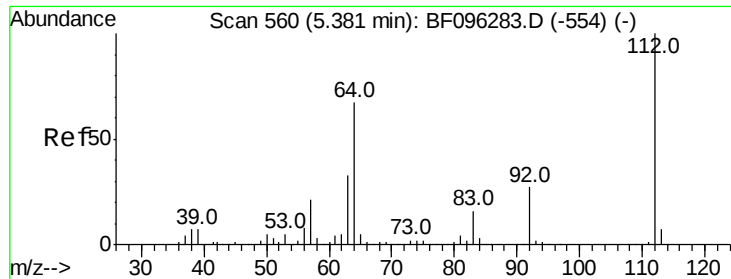
mohammad
 6/30/2017 2:51:39 PM



#4
 n-Nitrosodimethylamine
 Concen: 41.64 ng
 RT: 3.14 min Scan# 179
 Delta R.T. -0.00 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	120.8	103.9	155.9	
44	8.3	5.7	8.5	





#5

2-Fluorophenol

Concen: 81.80 ng

RT: 5.38 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

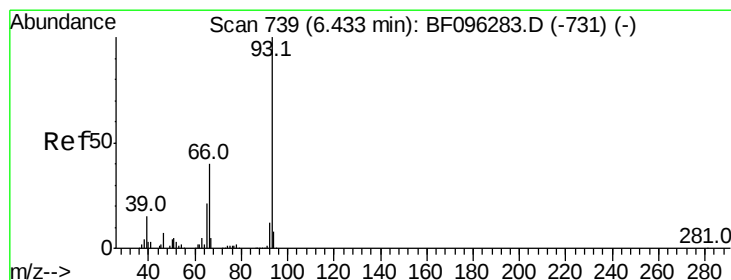
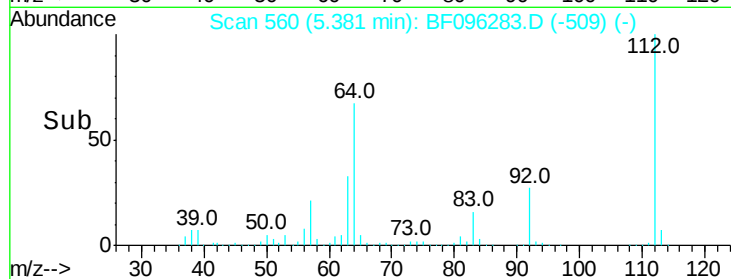
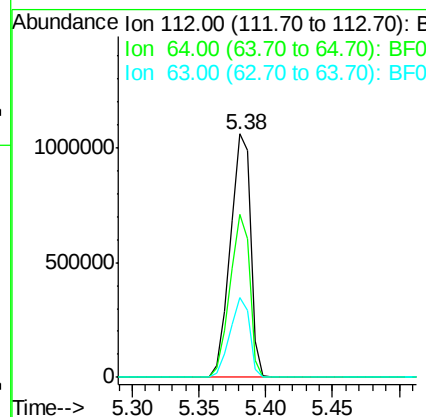
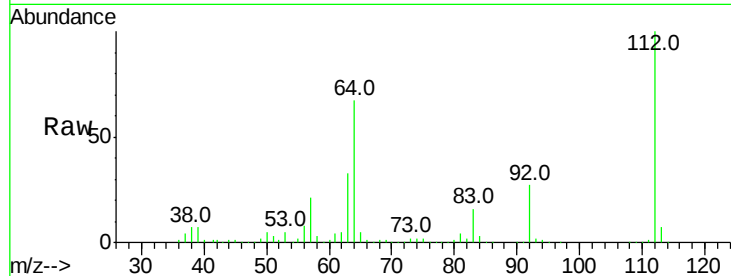
ClientSampled :

SSTDCCC040

Tot Ion:	112	Resp:	1146169
Ion Ratio	Lower	Upper	
112	100		
64	67.0	46.0	69.0
63	32.6	23.4	35.0

Manual Integrations
APPROVED

mohammad
6/30/2017 2:51:39 PM



#6

Aniline

Concen: 41.60 ng

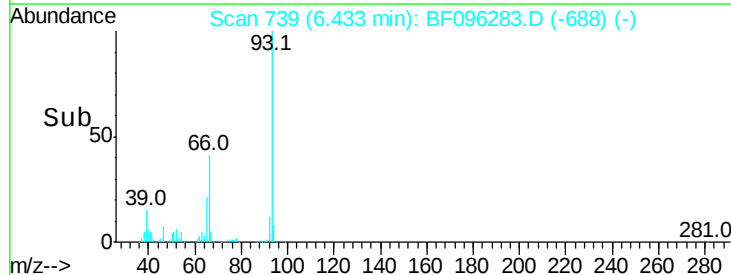
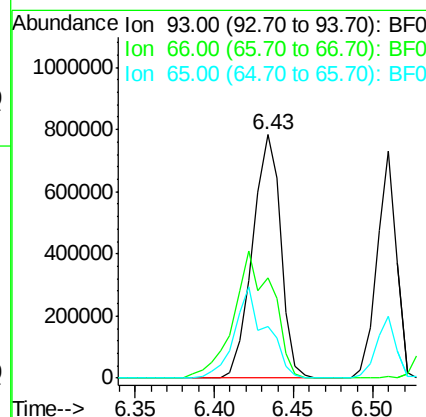
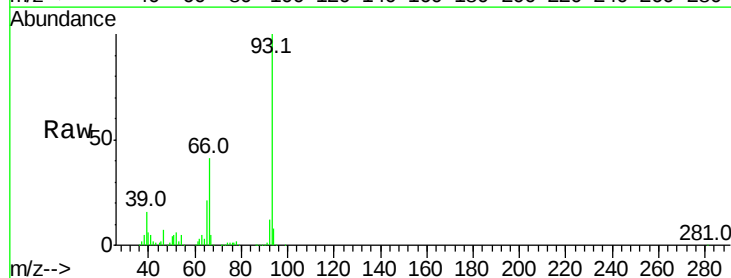
RT: 6.43 min Scan# 739

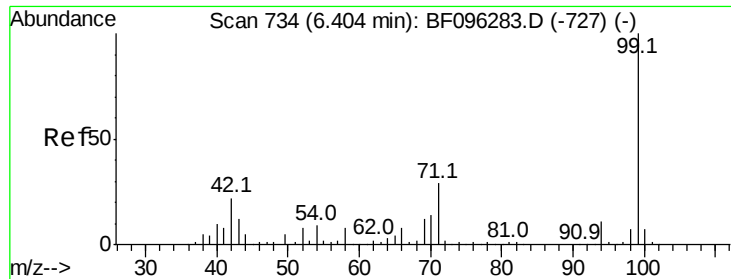
Delta R.T. -0.00 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Tgt Ion:	93	Resp:	973094
Ion Ratio	Lower	Upper	
93	100		
66	41.1	32.9	49.3
65	21.2	16.0	24.0





#7

Phenol-d6

Concen: 83.84 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1422383

Ion Ratio Lower Upper

99 100

42 21.6 13.5 20.3#

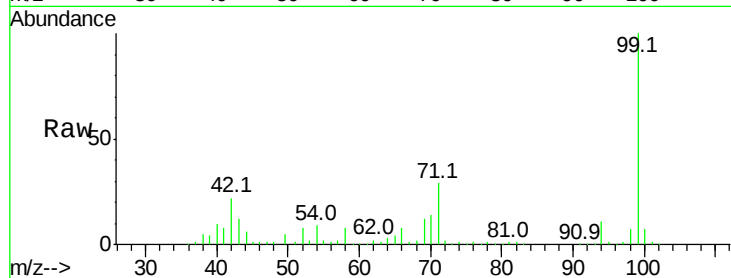
71 29.4 24.5 36.7

Manual Integrations

APPROVED

mohammad

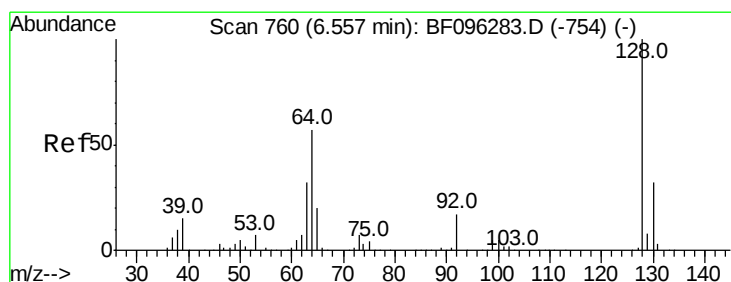
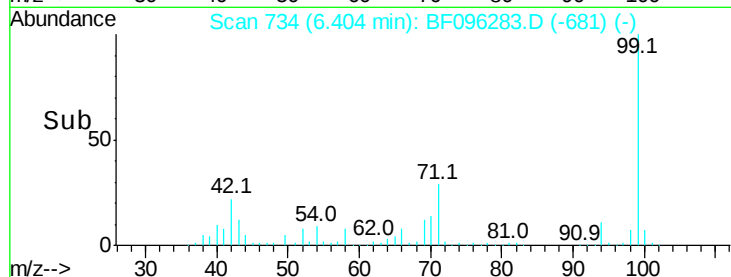
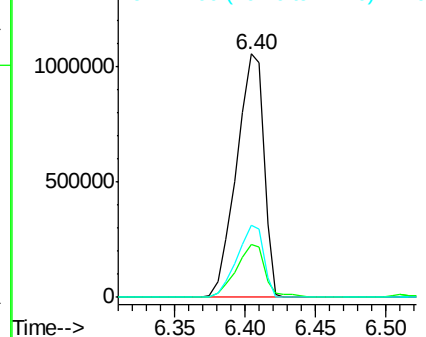
6/30/2017 2:51:39 PM



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: 41.67 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

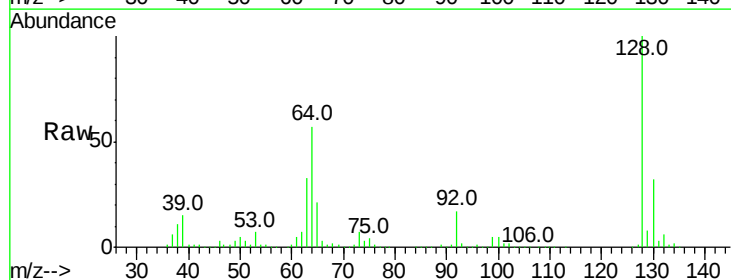
Tgt Ion:128 Resp: 572951

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

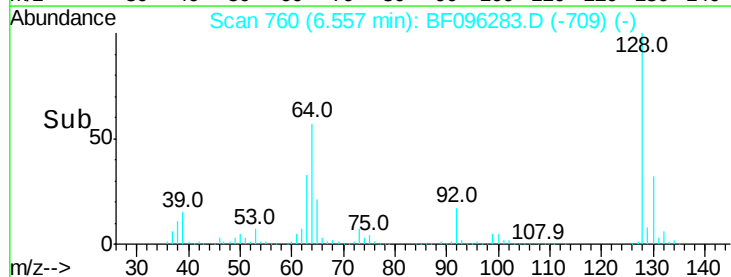
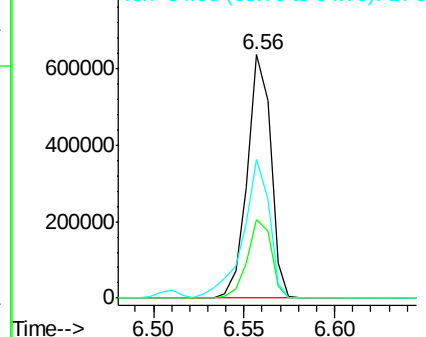
64 56.9 28.4 68.4

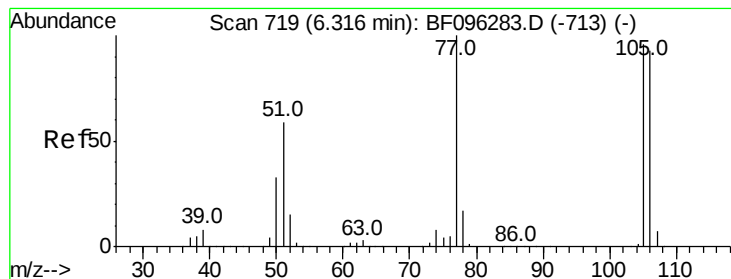


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.91 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

Tot Ion: 77 Resp: 433321

Ion Ratio Lower Upper

77 100

105 95.6 83.8 123.8

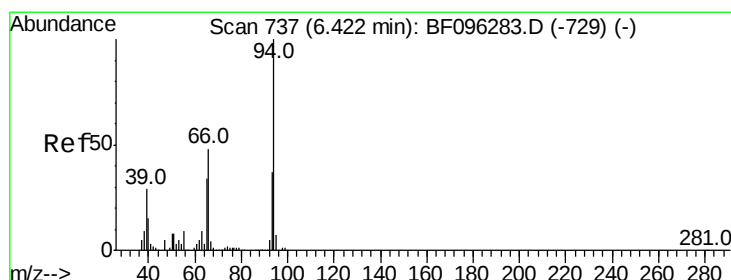
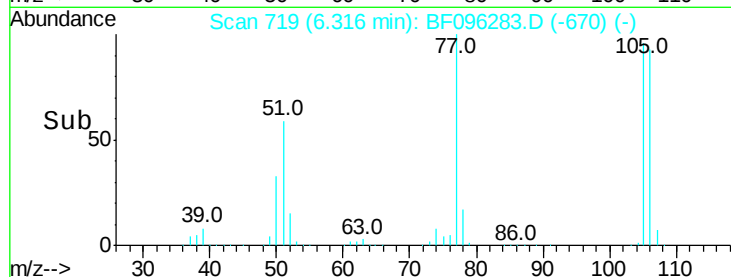
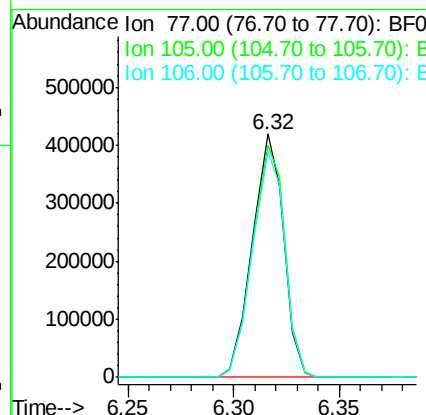
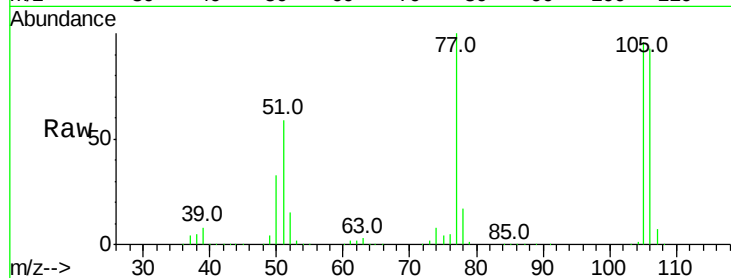
106 92.7 79.1 119.1

Manual Integrations

APPROVED

mohammad

6/30/2017 2:51:39 PM



#10

Phenol

Concen: 41.88 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

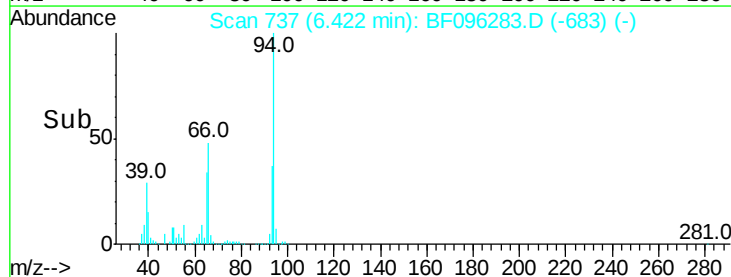
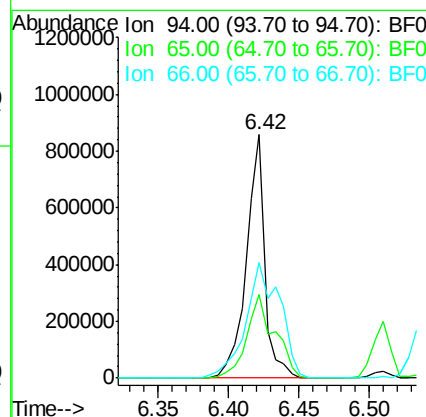
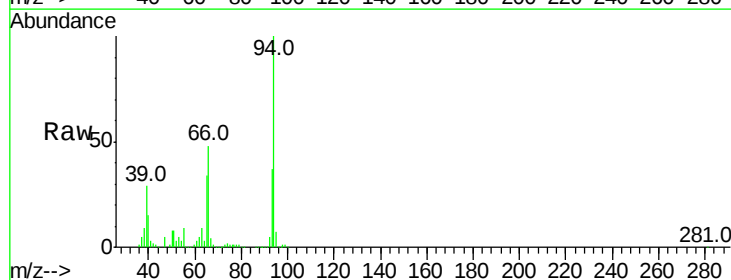
Tgt Ion: 94 Resp: 781127

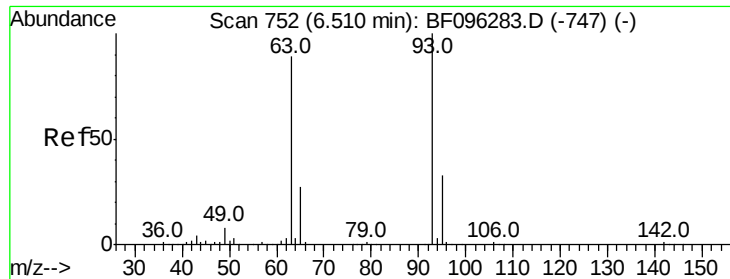
Ion Ratio Lower Upper

94 100

65 34.4 9.9 49.9

66 47.7 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.28 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

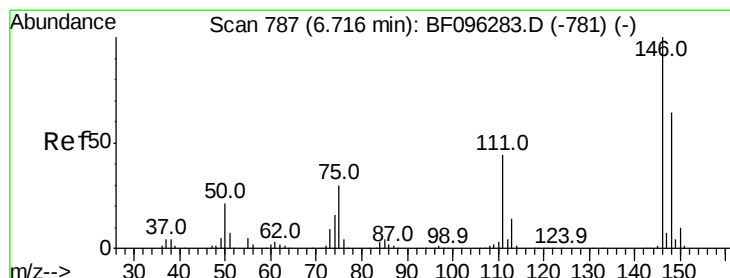
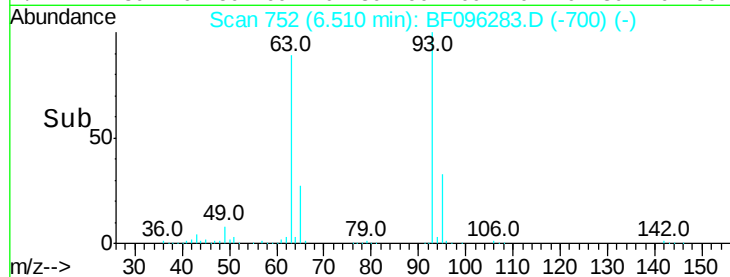
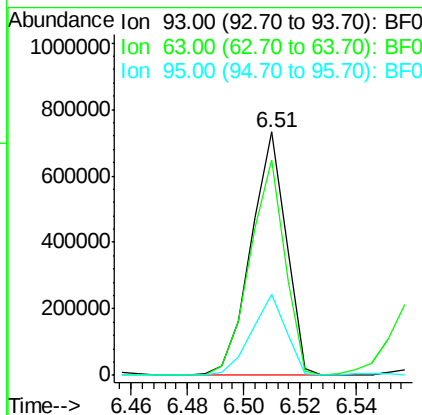
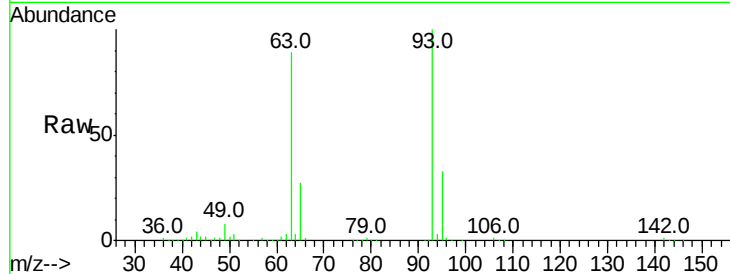
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	630063
Ion Ratio	Lower	Upper	
93	100		
63	88.7	59.2	99.2
95	33.1	12.8	52.8

Manual Integrations
APPROVED

mohammad
6/30/2017 2:51:39 PM



#12

1,3-Dichlorobenzene

Concen: 41.07 ng

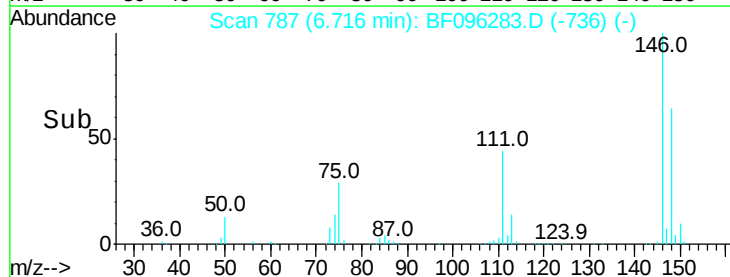
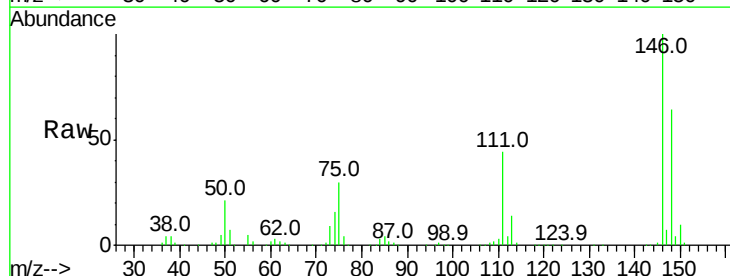
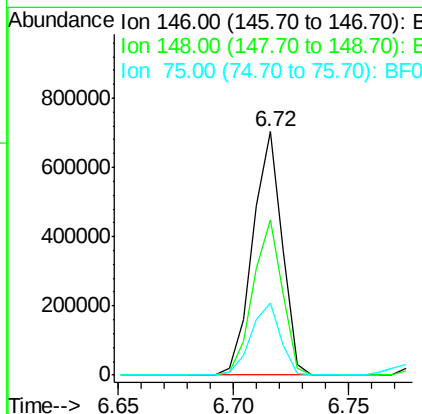
RT: 6.72 min Scan# 787

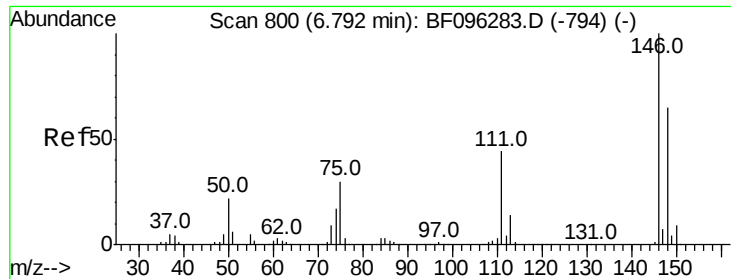
Delta R.T. -0.00 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Tgt Ion:	146	Resp:	622287
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.6
75	29.9	23.1	34.7





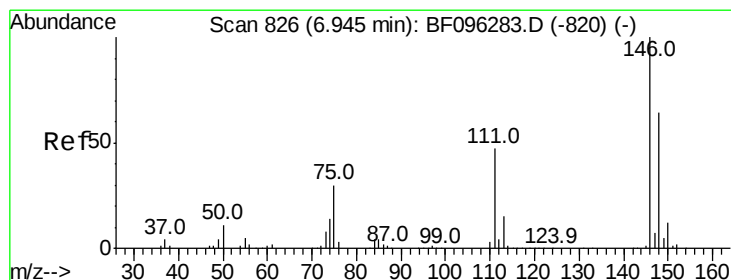
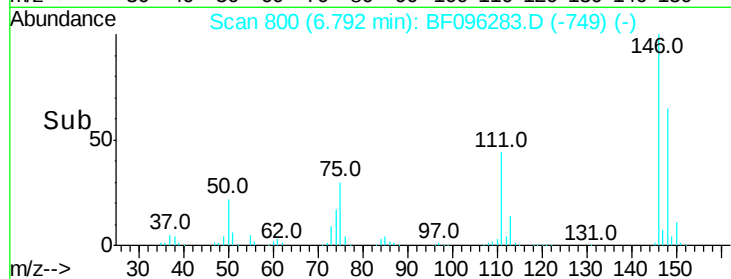
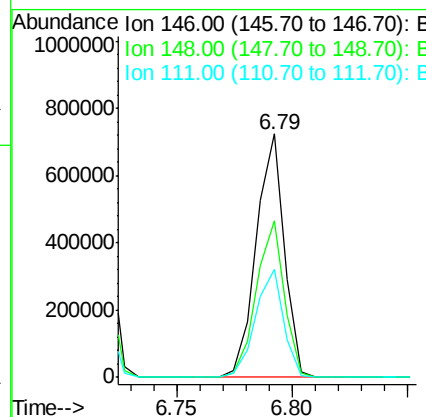
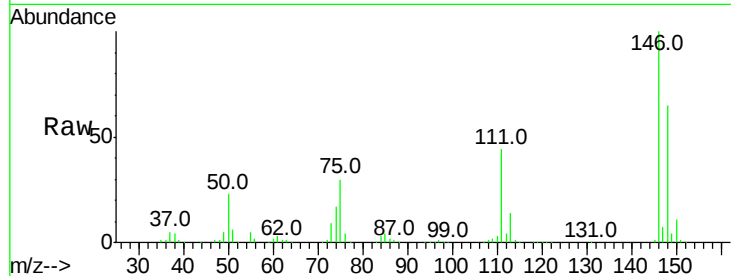
#13
 1,4-Dichlorobenzene
 Concen: 40.56 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	44.1	30.3	45.5

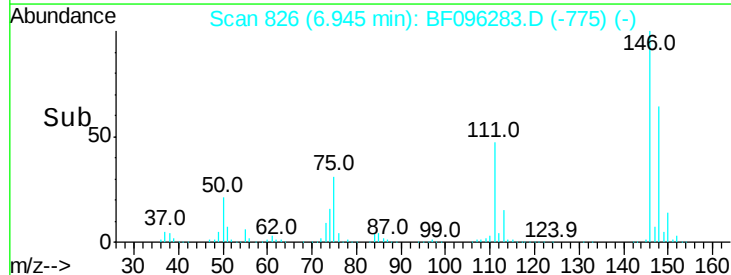
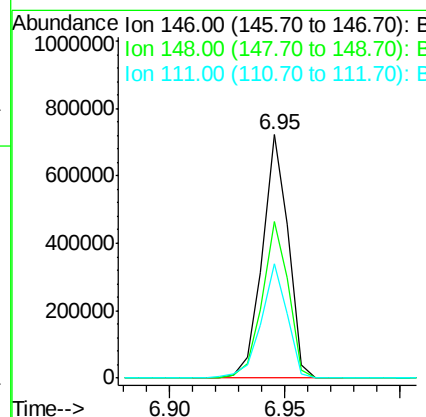
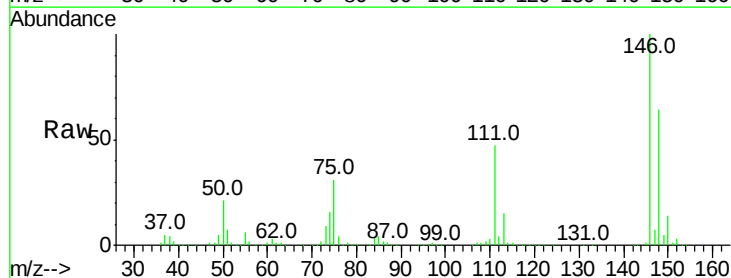
Manual Integrations
 APPROVED

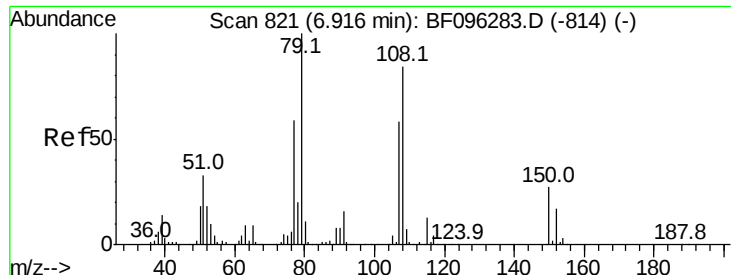
mohammad
 6/30/2017 2:51:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.92 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	47.2	38.2	57.4





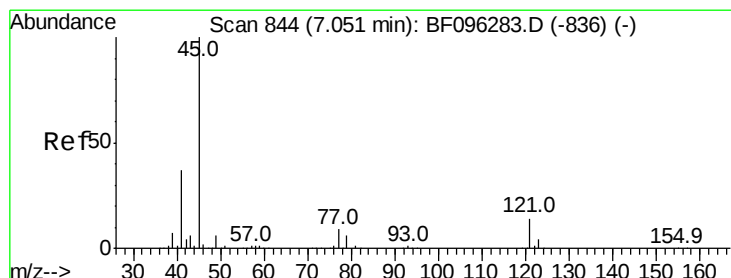
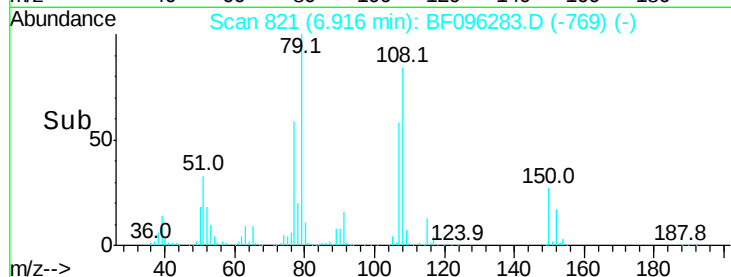
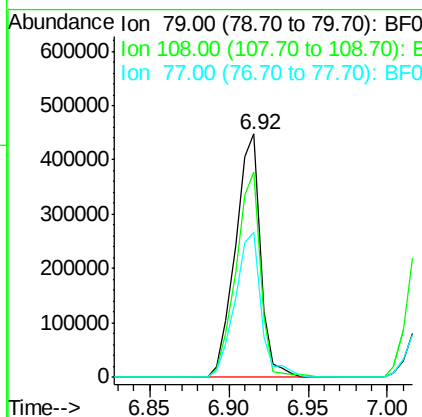
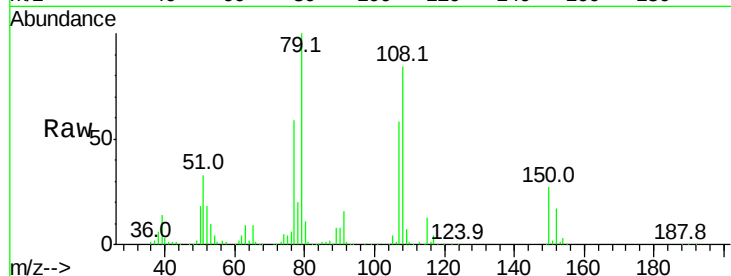
#15
Benzyl Alcohol
Concen: 43.06 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.1	63.4	95.0
77	59.4	49.2	73.8

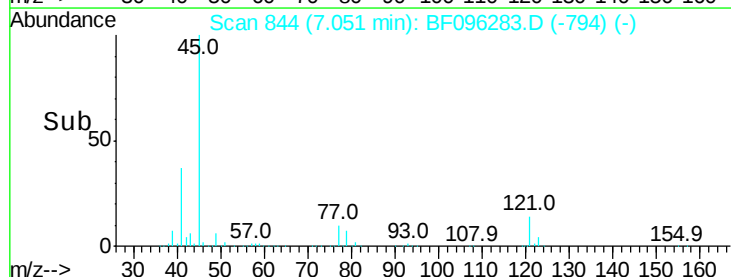
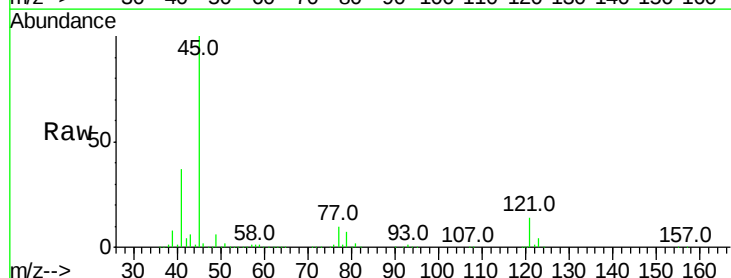
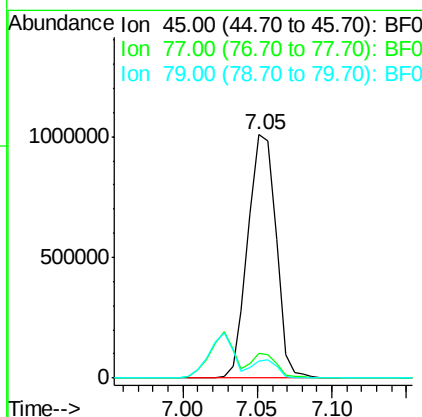
Manual Integrations
APPROVED

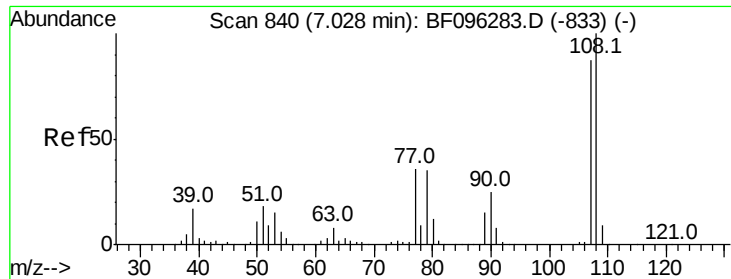
mohammad
6/30/2017 2:51:39 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.80 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.1	0.0	33.2
79	7.2	0.0	30.0





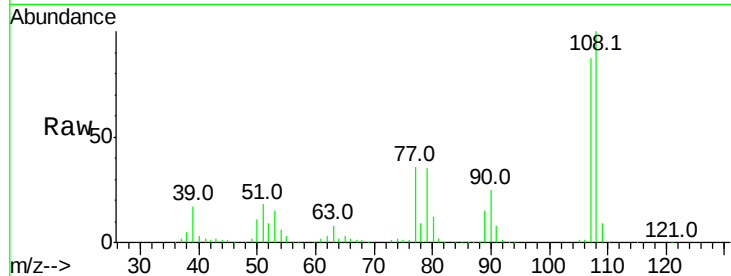
#17
2-Methylphenol
Concen: 42.34 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

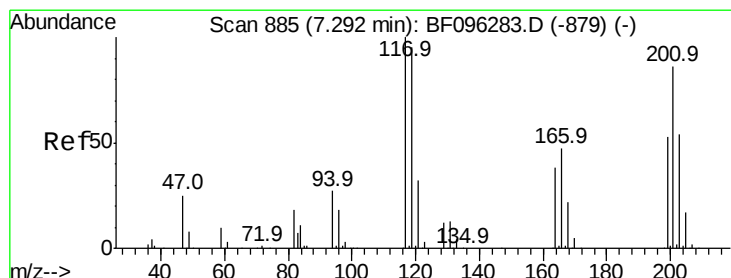
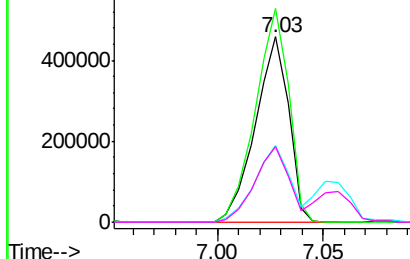
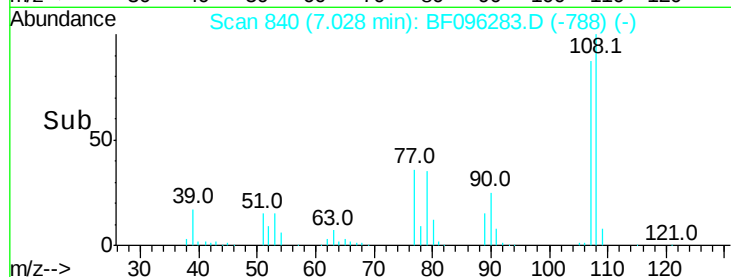
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	93.4	140.0
77	41.6	35.8	53.6
79	40.6	34.8	52.2

Manual Integrations
APPROVED

mohammad
6/30/2017 2:51:39 PM

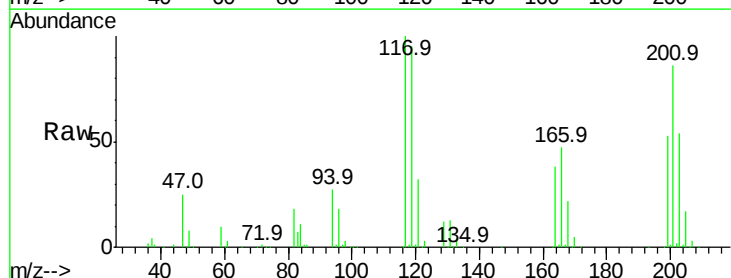


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

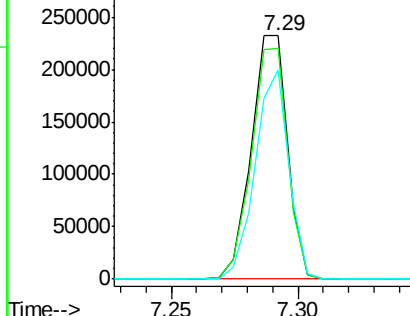
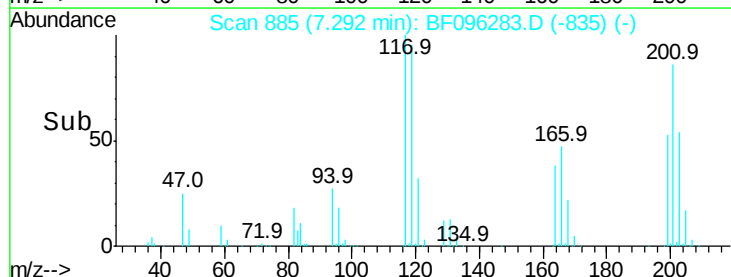


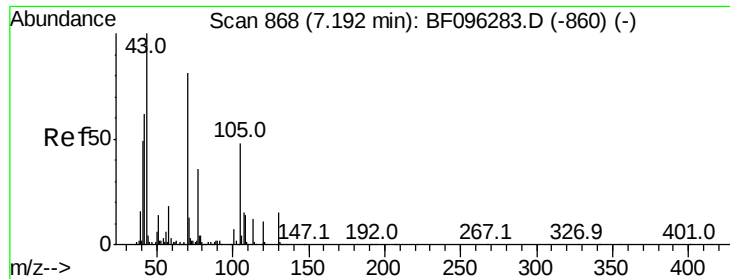
#18
Hexachloroethane
Concen: 42.44 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
201	86.1	94.6	141.8#



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





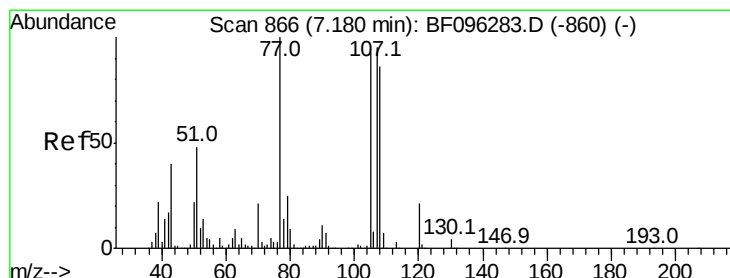
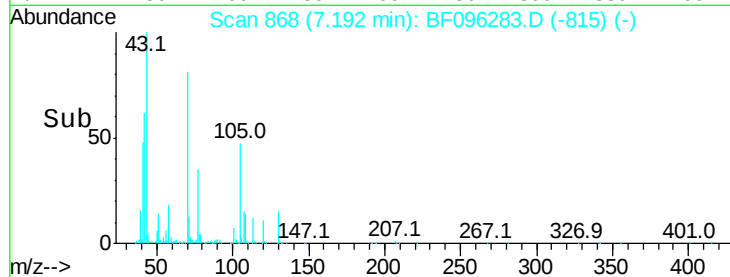
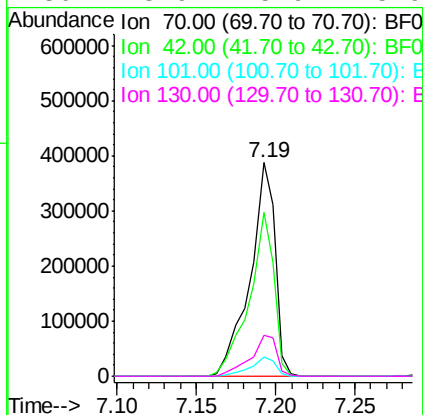
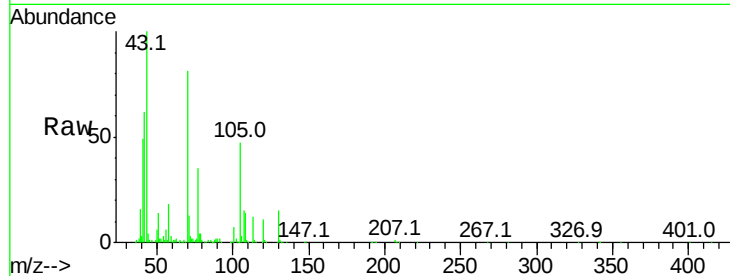
#19
n-Nitroso-di-n-propylamine
Concen: 41.82 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	76.5	47.2	70.8#
101	8.9	7.2	10.8
130	18.9	15.9	23.9

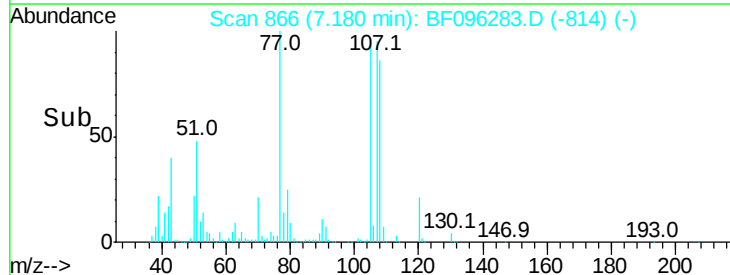
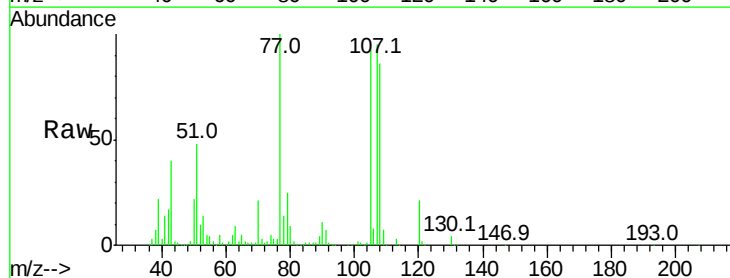
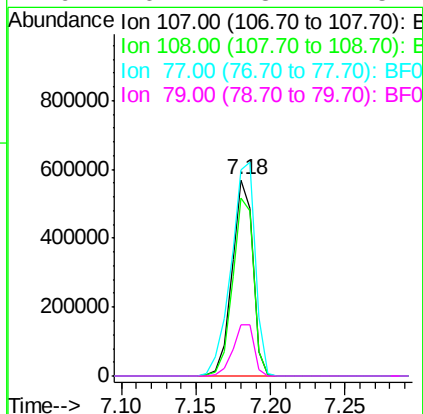
Manual Integrations
APPROVED

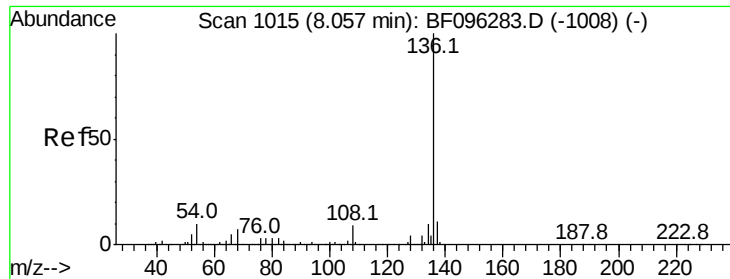
mohammad
6/30/2017 2:51:39 PM



#20
3+4-Methylphenols
Concen: 40.98 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.0	111.0
77	105.3	90.5	130.5
79	26.4	8.4	48.4





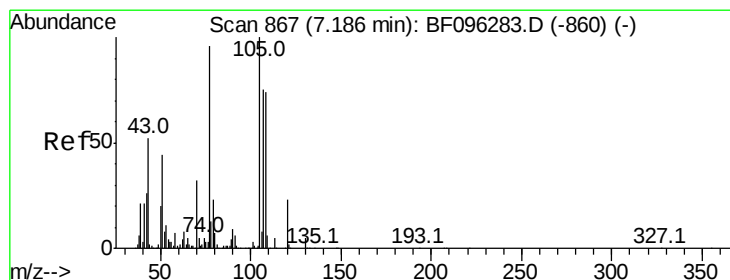
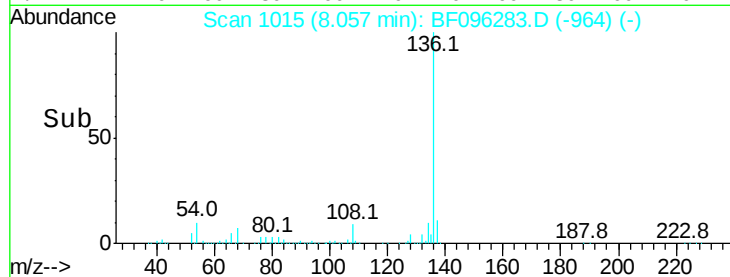
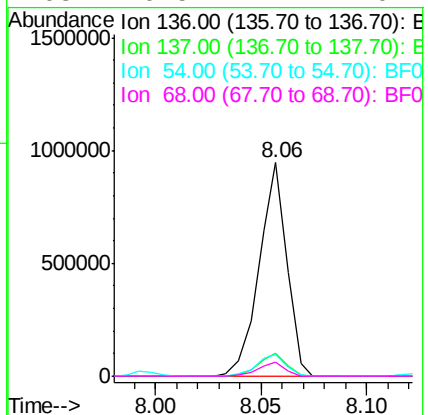
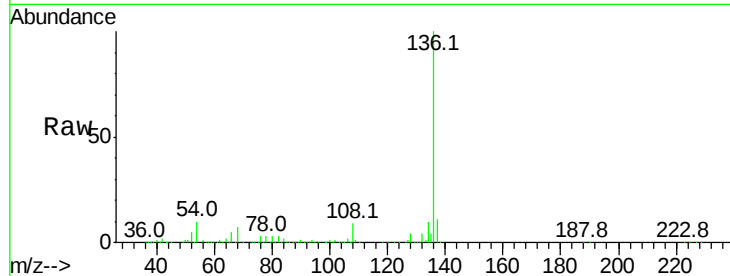
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	860994		
137	11.0		8.5	12.7
54	10.3		4.9	7.3#
68	6.5		4.1	6.1#

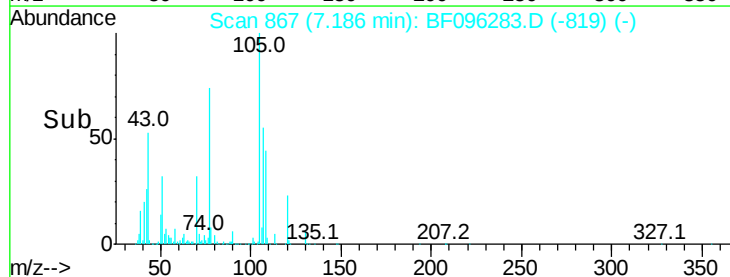
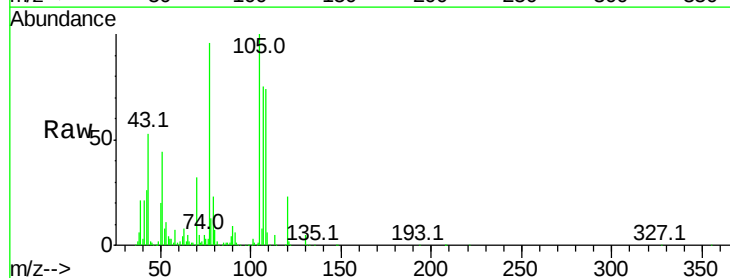
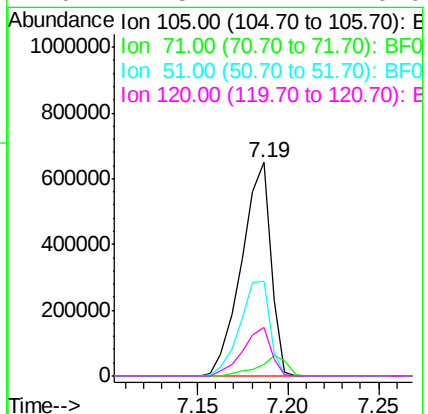
Manual Integrations
APPROVED

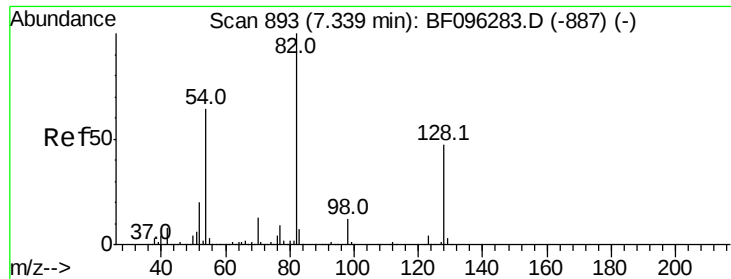
mohammad
6/30/2017 2:51:39 PM



#22
Acetophenone
Concen: 40.72 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	728685		
71	5.3		2.8	4.2#
51	44.1		30.7	46.1
120	22.5		17.4	26.0





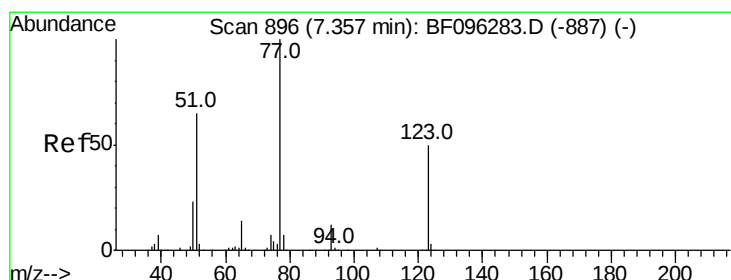
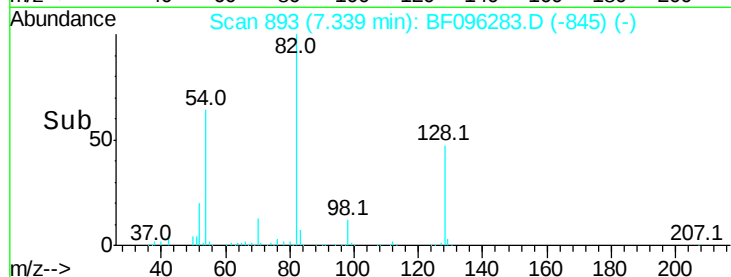
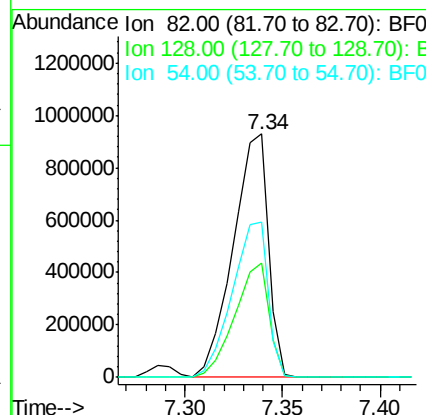
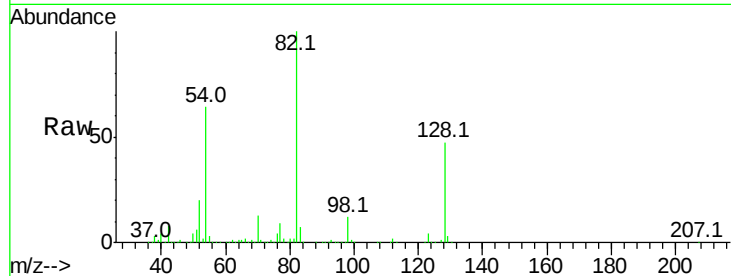
#23
Nitrobenzene-d5
Concen: 93.21 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	63.6	42.2	63.2#

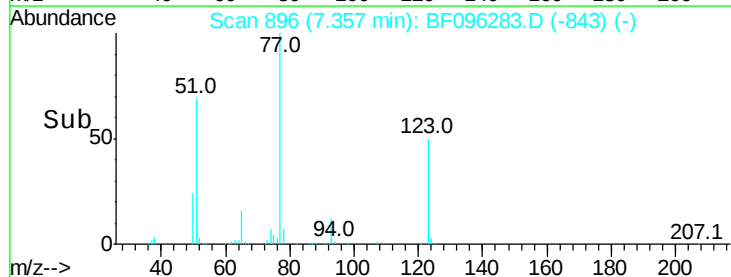
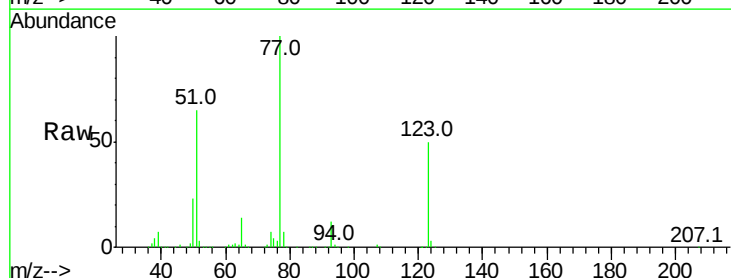
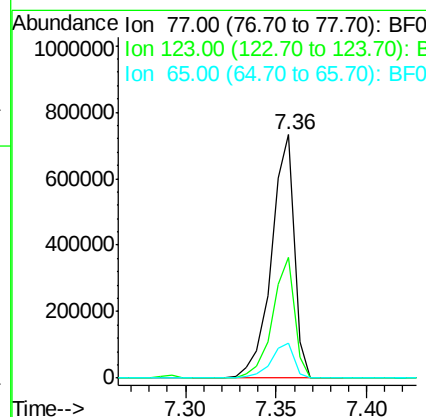
Manual Integrations
APPROVED

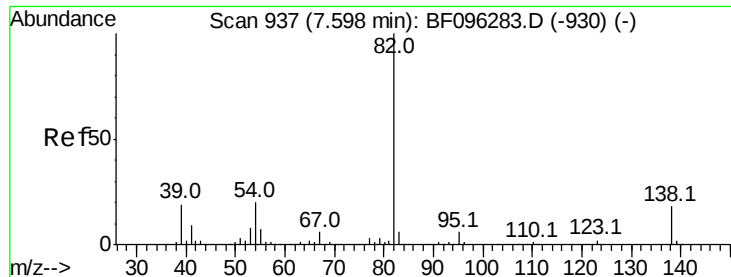
mohammad
6/30/2017 2:51:39 PM



#24
Nitrobenzene
Concen: 46.55 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	35.8	53.8
65	14.4	10.6	15.8





#25

Isophorone

Concen: 41.48 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 82 Resp: 1171784

Ion Ratio Lower Upper

82 100

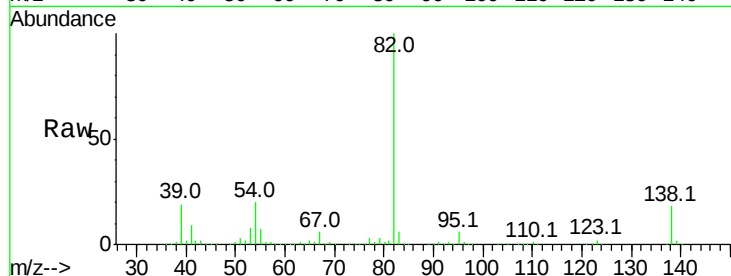
95 6.3 5.3 7.9

138 17.8 13.1 19.7

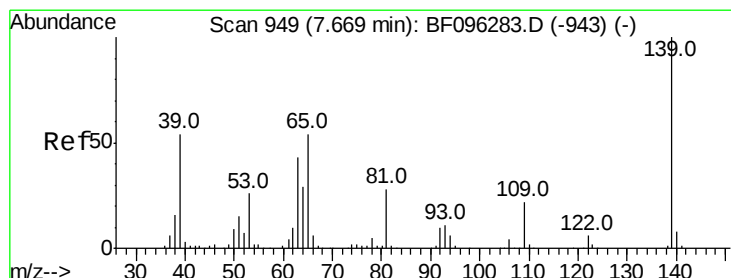
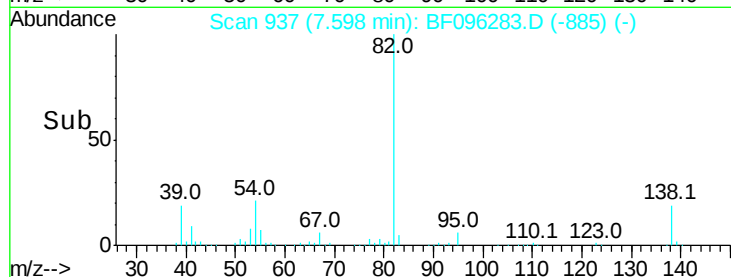
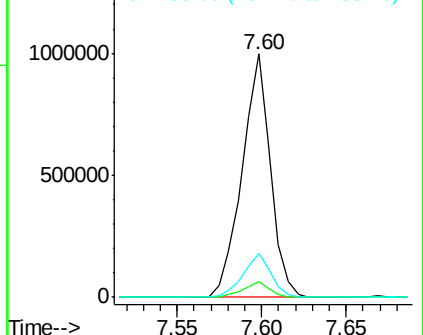
Manual Integrations
APPROVED

mohammad

6/30/2017 2:51:39 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 49.55 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

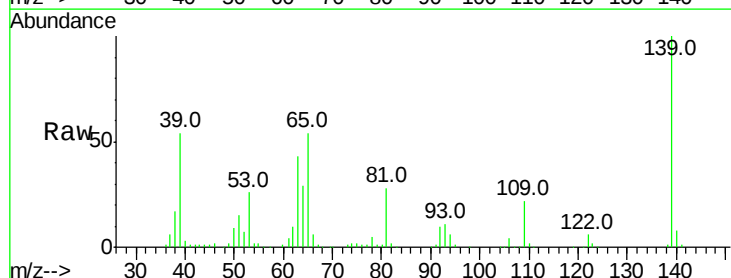
Tgt Ion:139 Resp: 315381

Ion Ratio Lower Upper

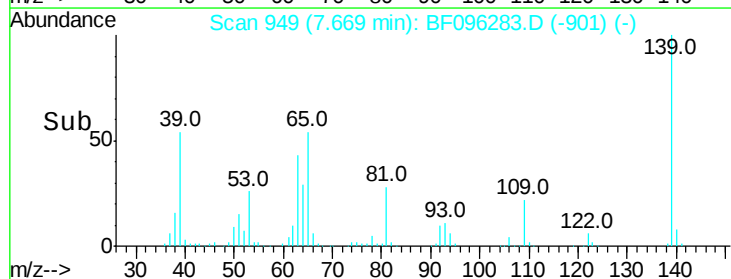
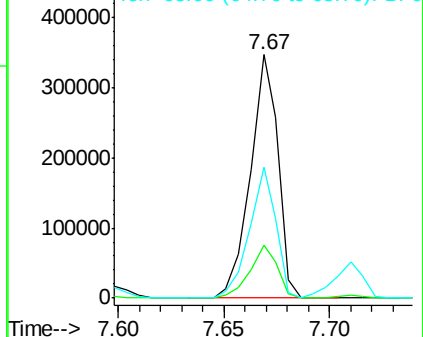
139 100

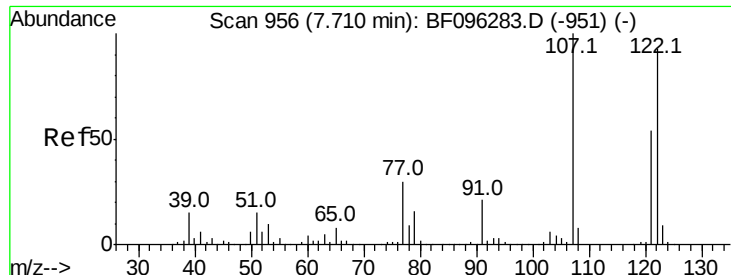
109 21.7 21.0 31.6

65 53.9 33.0 49.6#



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





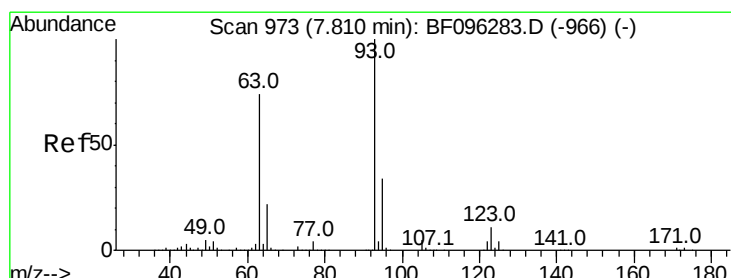
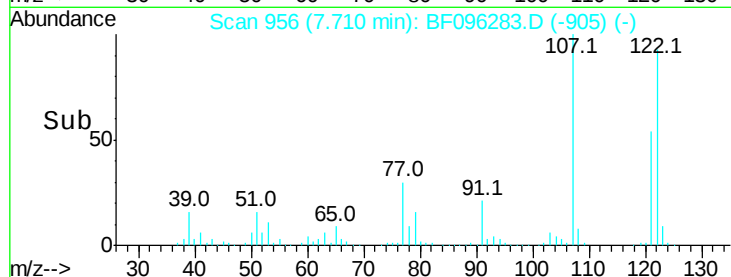
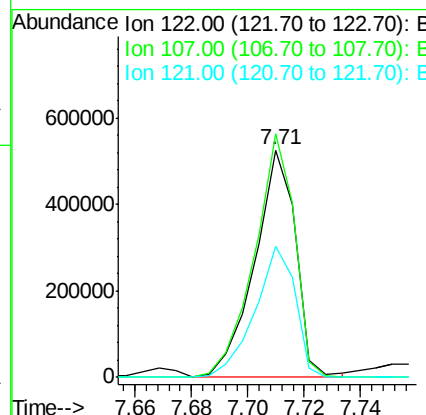
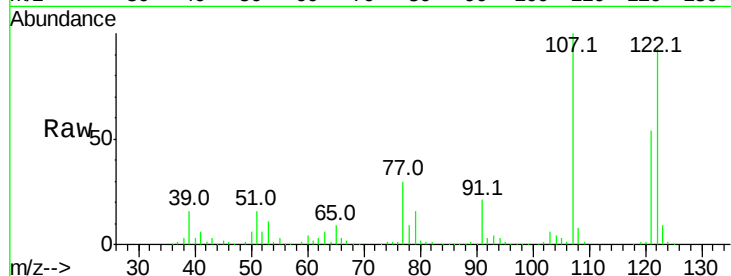
#27
2,4-Dimethylphenol
Concen: 41.10 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	524570		
107	107.2	89.2	133.8	
121	57.7	45.2	67.8	

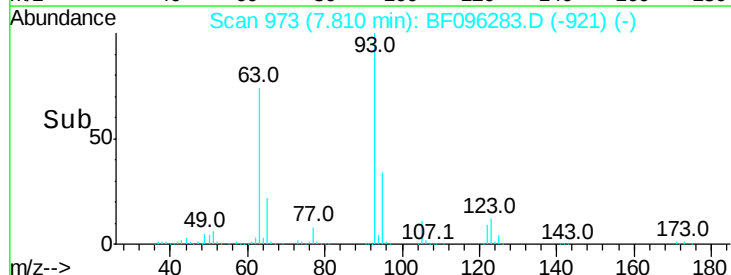
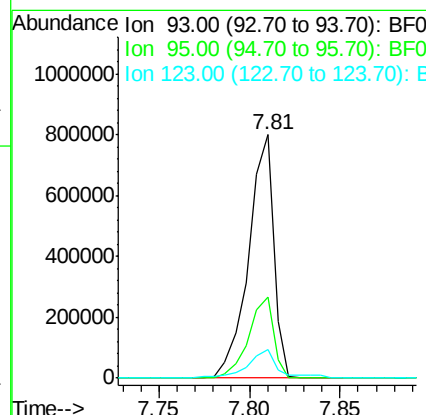
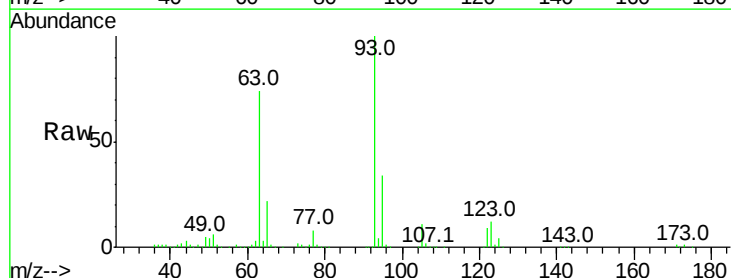
Manual Integrations
APPROVED

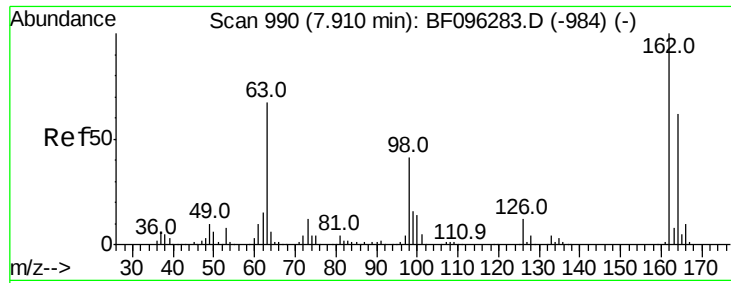
mohammad
6/30/2017 2:51:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.31 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	771284		
95	33.5	26.5	39.7	
123	11.7	9.0	13.4	





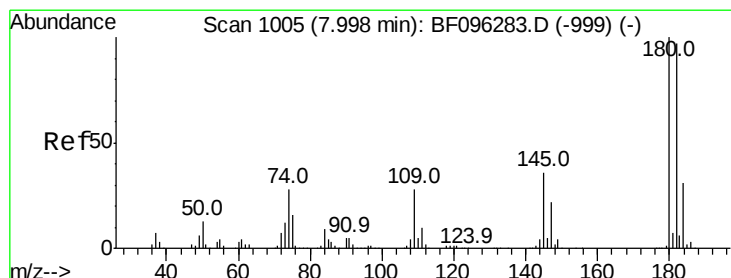
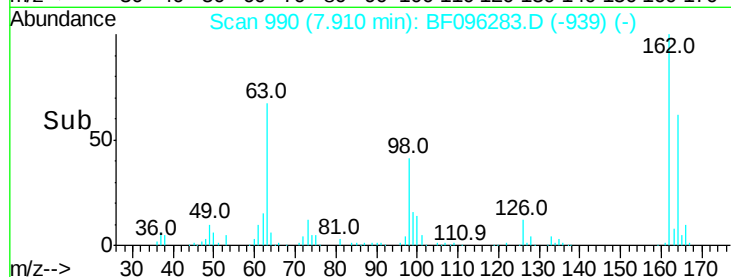
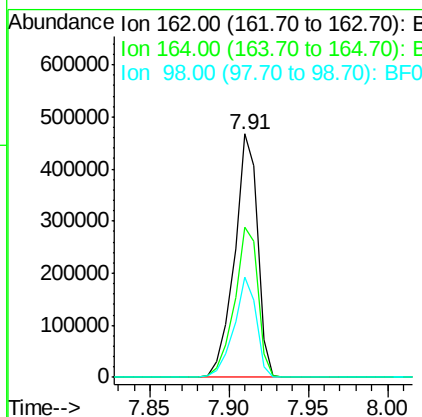
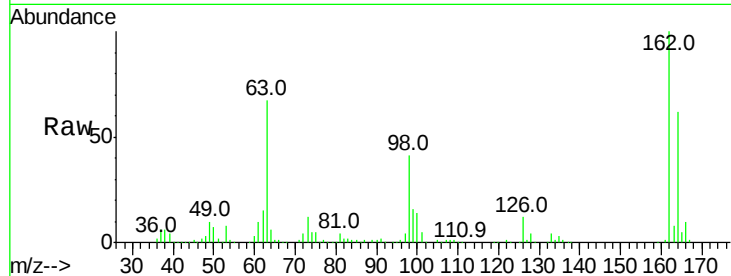
#29
 2,4-Dichlorophenol
 Concen: 43.12 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	469421		
164	61.9	44.6	84.6	
98	41.3	14.8	54.8	

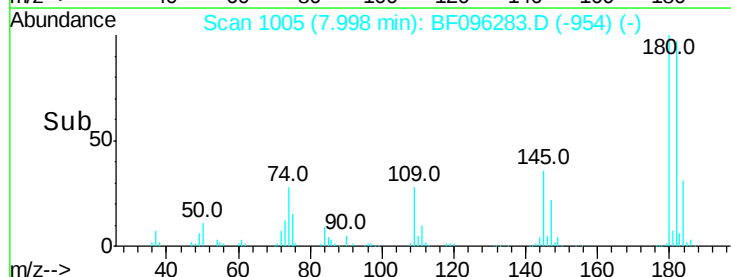
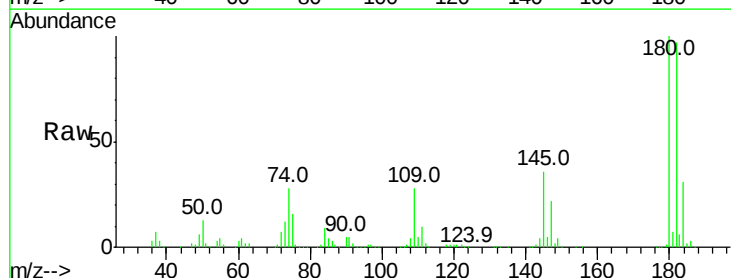
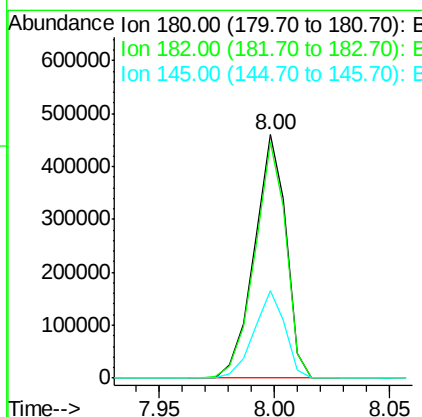
Manual Integrations
 APPROVED

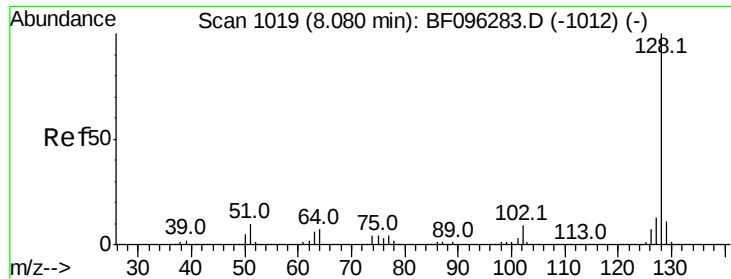
mohammad
 6/30/2017 2:51:39 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.70 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	439700		
182	97.0	75.8	113.6	
145	35.8	25.3	37.9	





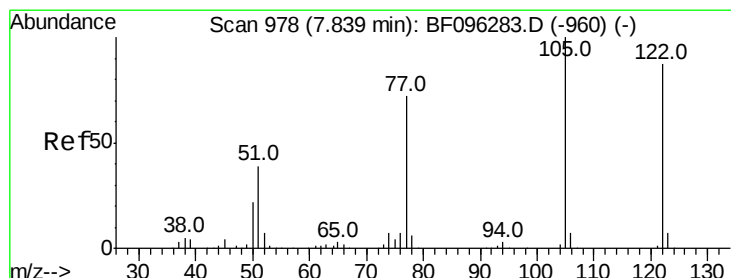
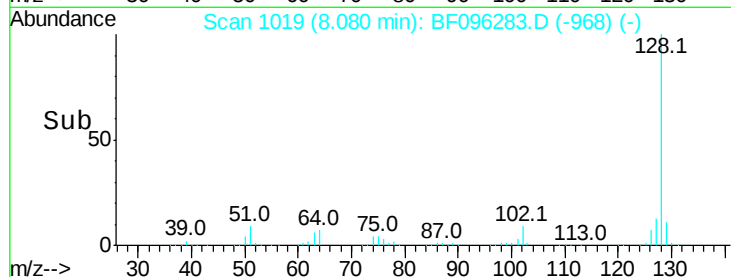
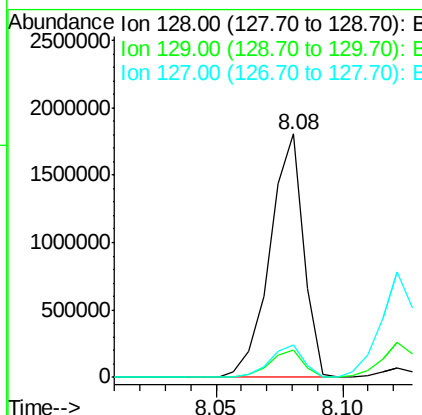
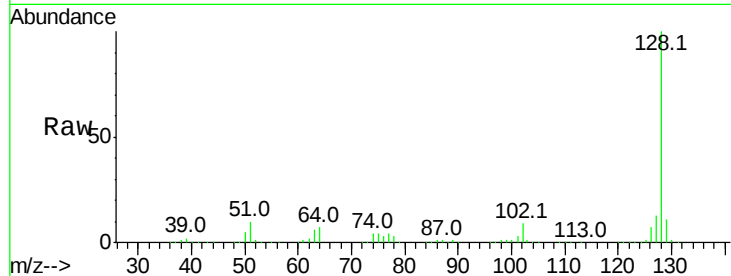
#31
Naphthalene
Concen: 40.41 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.5	10.8	16.2

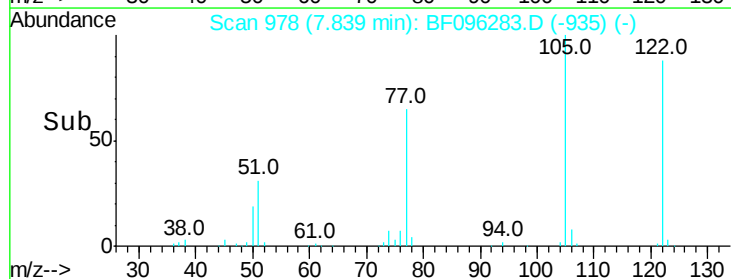
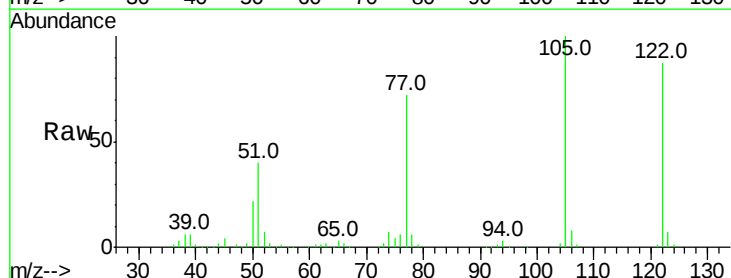
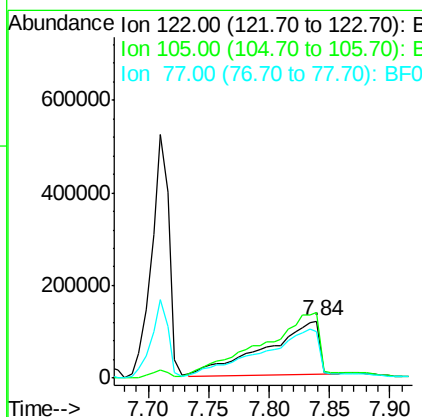
Manual Integrations
APPROVED

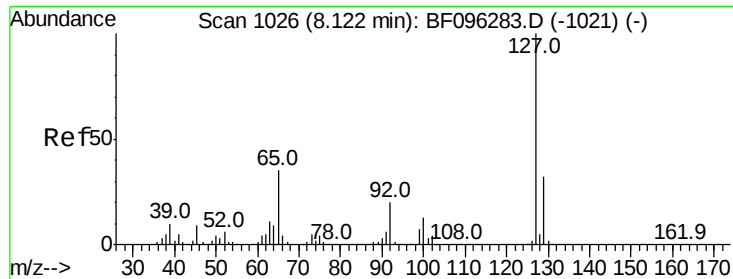
mohammad
6/30/2017 2:51:39 PM



#32
Benzoic acid
Concen: 41.68 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.05 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.8	103.3	143.3
77	82.7	73.7	113.7





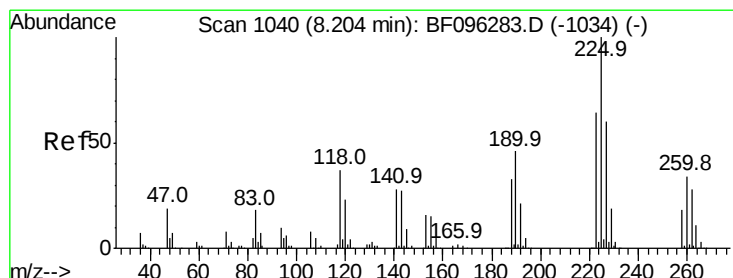
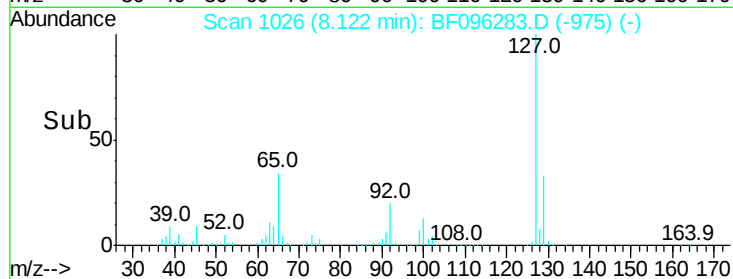
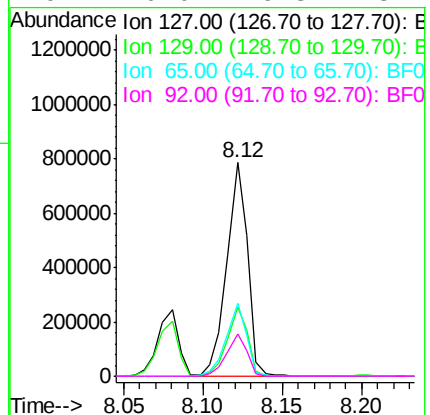
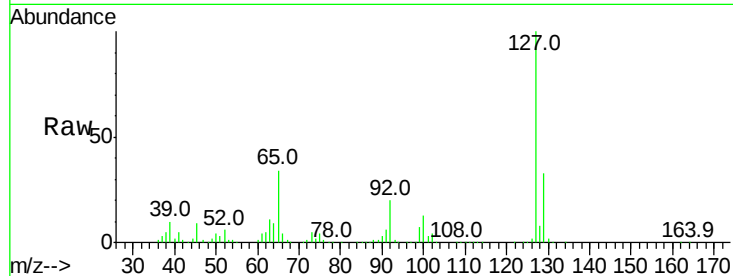
#33
4-Chloroaniline
Concen: 41.68 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.6	26.2	39.2
65	34.4	27.8	41.8
92	20.0	16.8	25.2

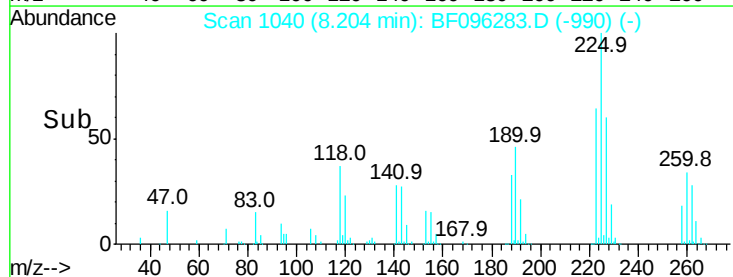
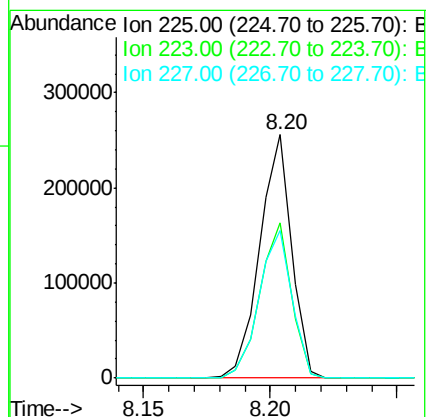
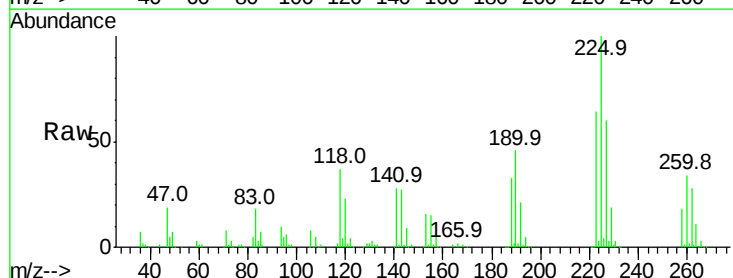
Manual Integrations
APPROVED

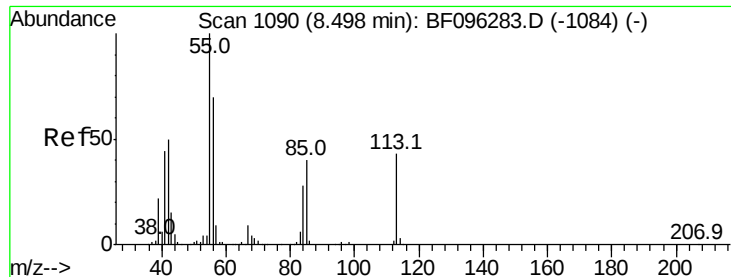
mohammad
6/30/2017 2:51:39 PM



#34
Hexachlorobutadiene
Concen: 41.59 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.9	48.8	73.2
227	60.4	51.1	76.7





#35

Caprolactam

Concen: 43.87 ng

RT: 8.50 min Scan# 1090

Delta R.T. 0.06 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 165028
Ion Ratio Lower Upper

113 100

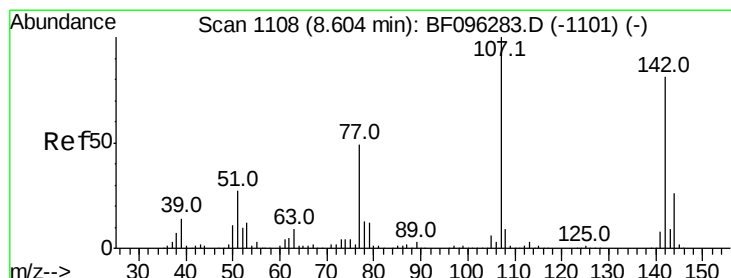
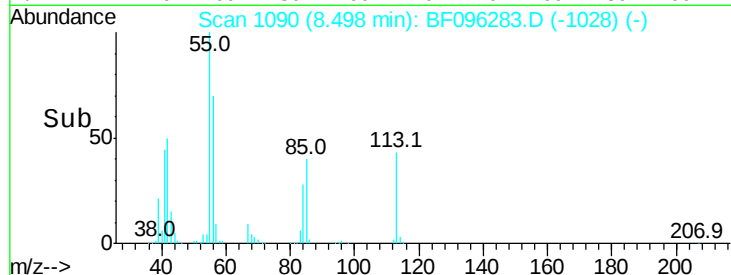
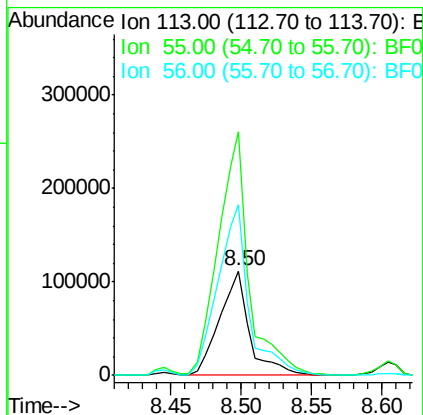
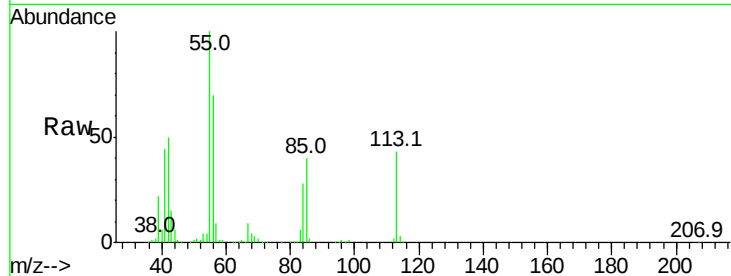
55 233.9 150.2 190.2#

56 164.4 107.8 147.8#

Manual Integrations
APPROVED

mohammad

6/30/2017 2:51:39 PM



#36

4-Chloro-3-methylphenol

Concen: 42.10 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF096283.D

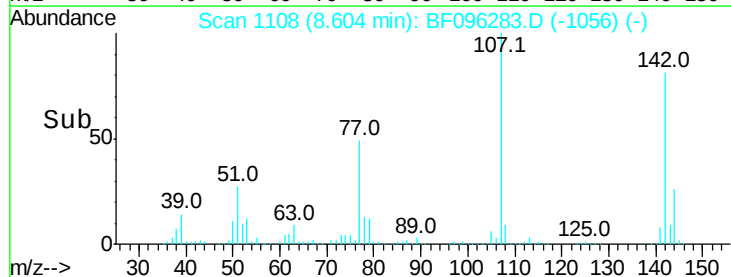
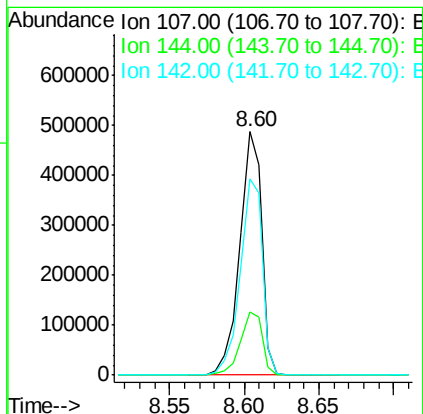
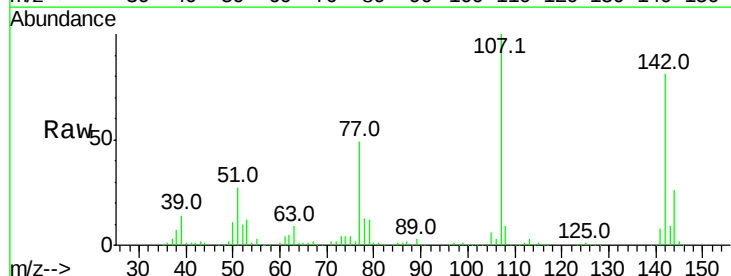
Acq: 29 Jun 2017 11:14

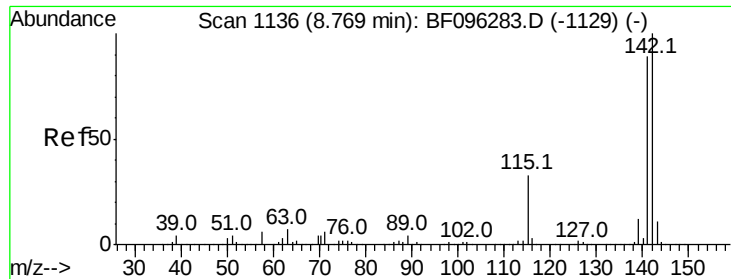
Tgt Ion:107 Resp: 498624
Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

142 80.6 73.4 110.0





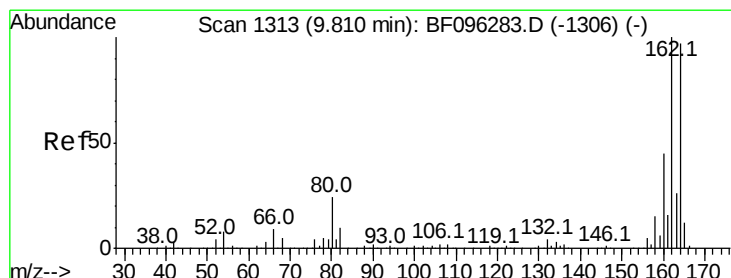
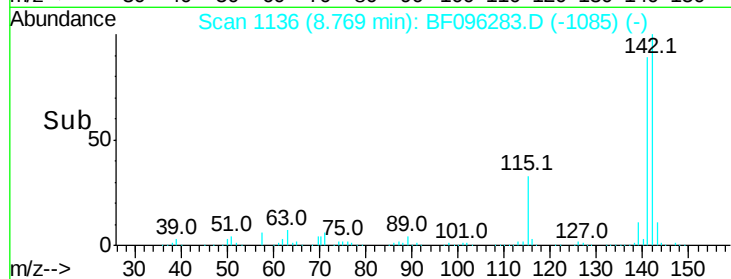
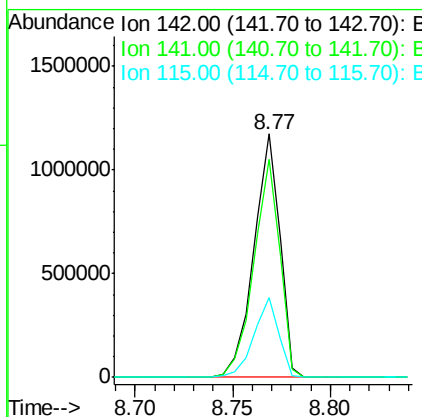
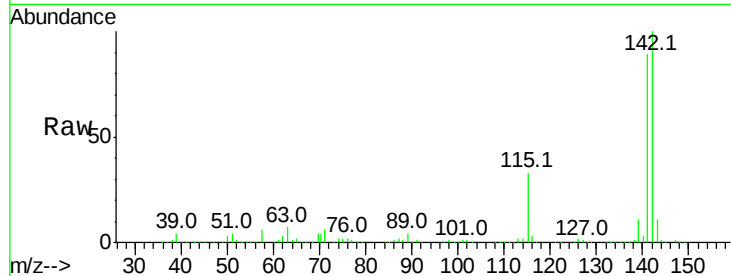
#37
2-Methylnaphthalene
Concen: 40.22 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	32.8	27.1	40.7

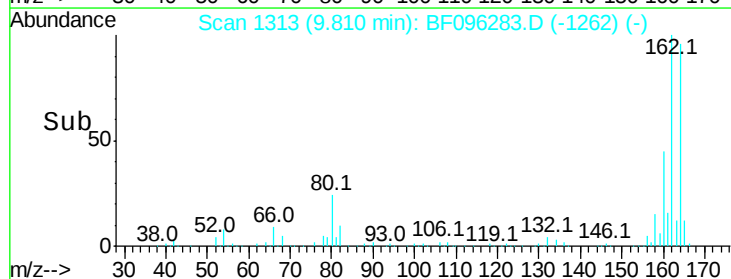
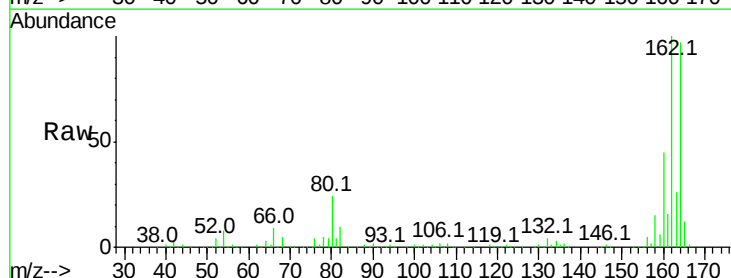
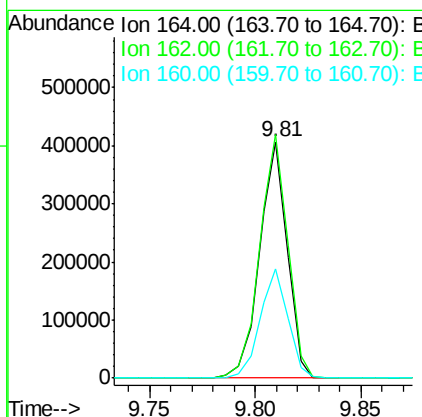
Manual Integrations
APPROVED

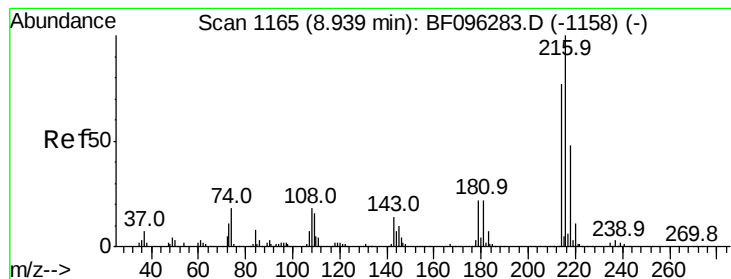
mohammad
6/30/2017 2:51:39 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	46.4	36.2	54.2





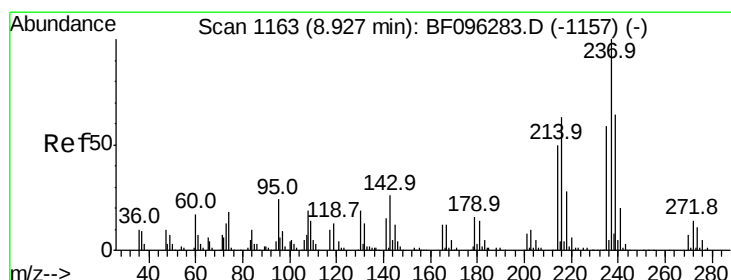
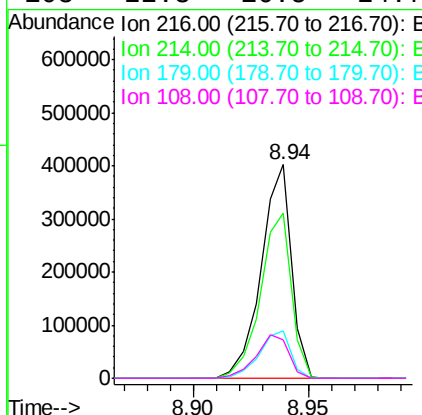
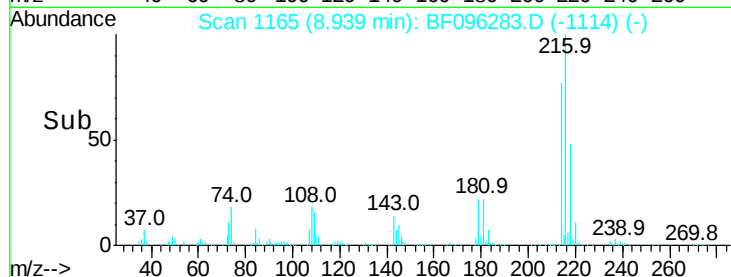
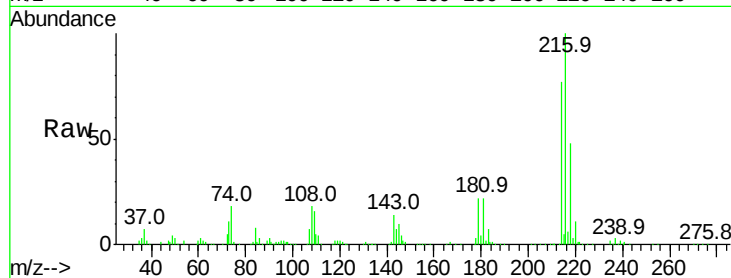
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.99 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	366436		
214	79.2	63.4	95.2	
179	22.8	17.9	26.9	
108	22.3	16.5	24.7	

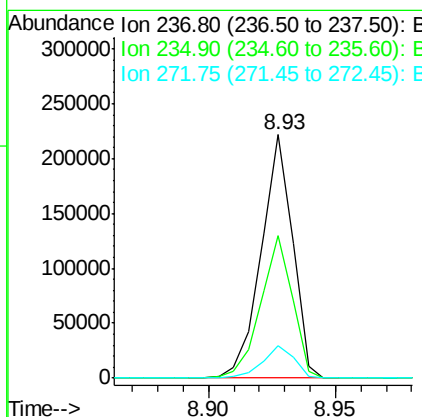
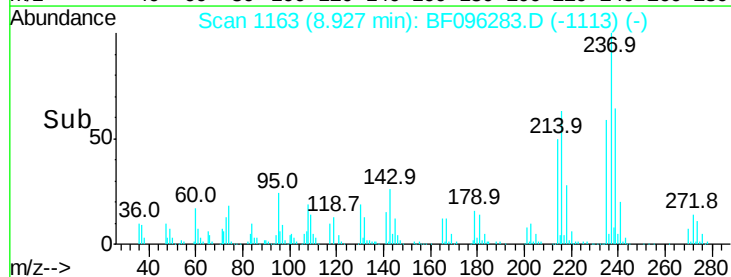
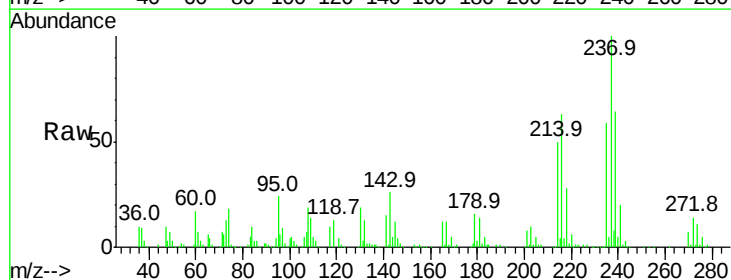
Manual Integrations
 APPROVED

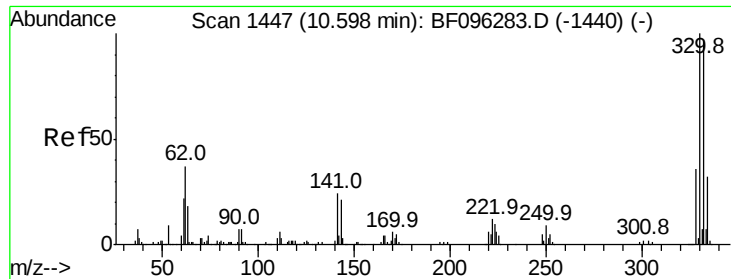
mohammad
 6/30/2017 2:51:39 PM



#40
 Hexachlorocyclopentadiene
 Concen: 47.75 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	191330		
235	58.6	42.6	82.6	
272	13.5	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 108.77 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

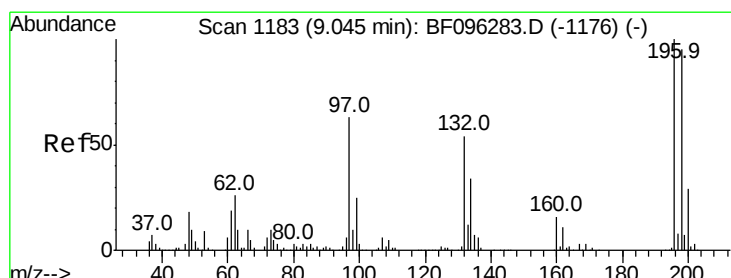
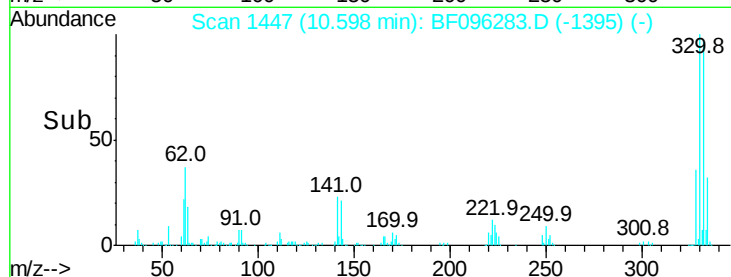
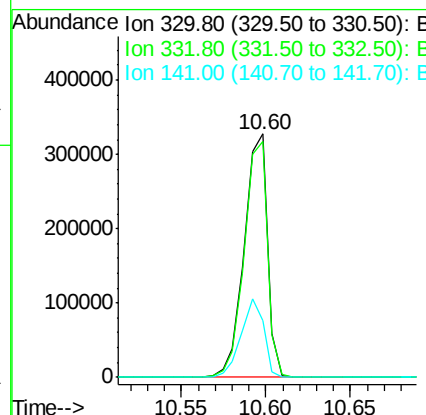
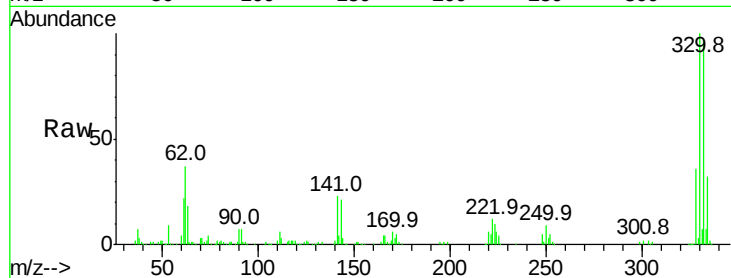
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	316114		
332	97.2	76.6	115.0	
141	31.4	31.4	47.2#	

Manual Integrations
APPROVED

mohammad
6/30/2017 2:51:39 PM



#42

2,4,6-Trichlorophenol

Concen: 44.09 ng

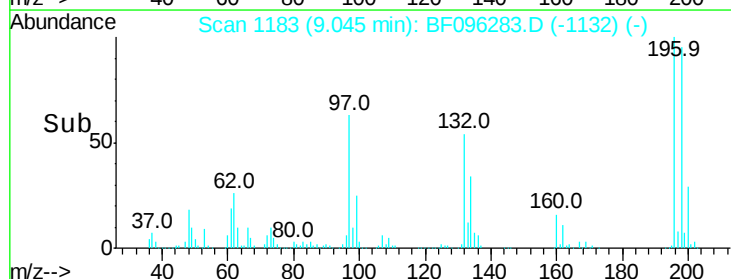
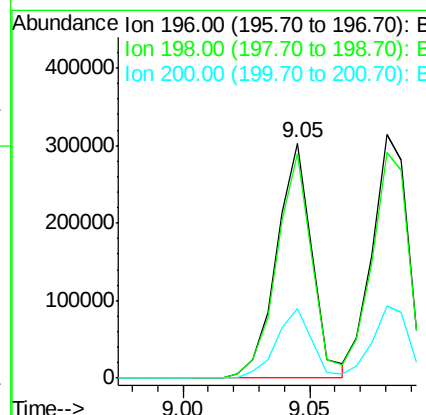
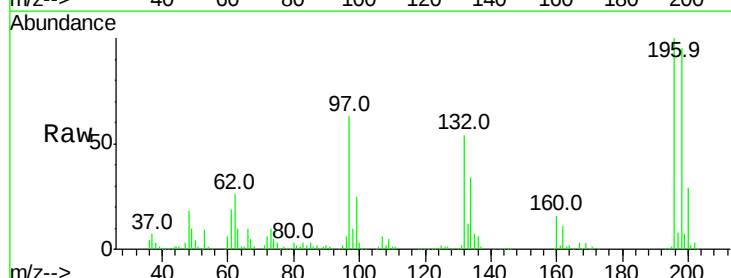
RT: 9.05 min Scan# 1183

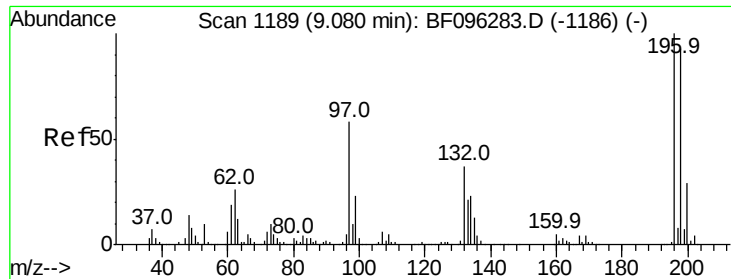
Delta R.T. -0.00 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297121		
198	95.5	74.2	111.4	
200	29.4	24.0	36.0	





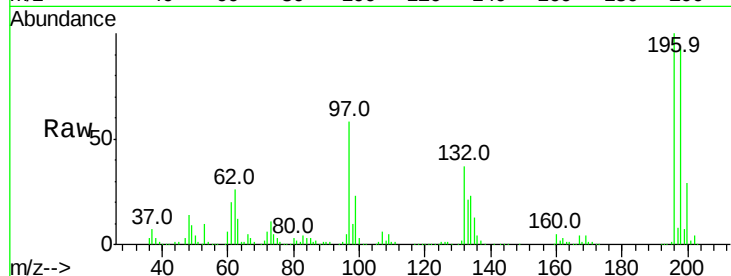
#43
 2,4,5-Trichlorophenol
 Concen: 43.41 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

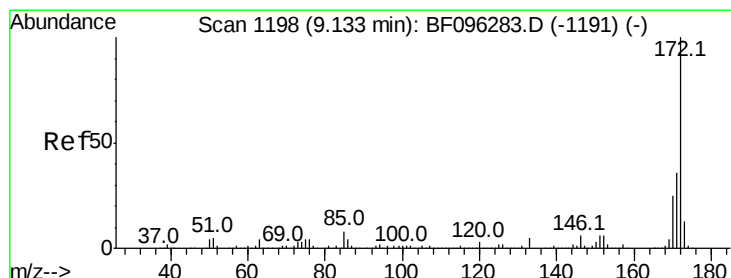
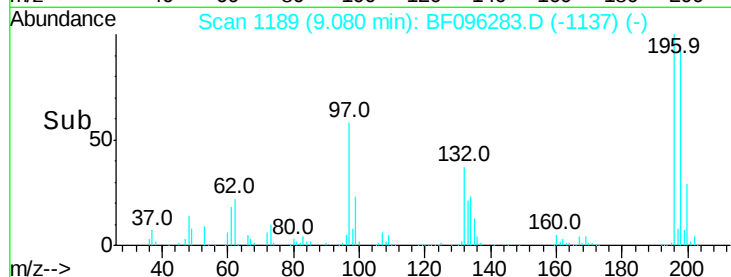
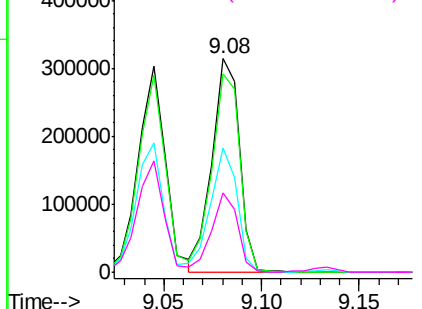
Tot Ion	196	Resp	308345
Ion	Ratio	Lower	Upper
196	100		
198	92.8	75.7	113.5
97	58.2	47.7	71.5
132	37.3	28.0	42.0

Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:51:39 PM



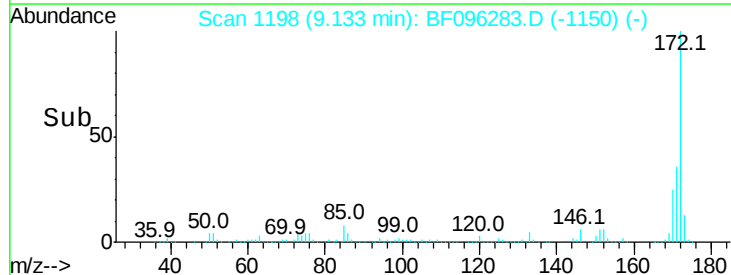
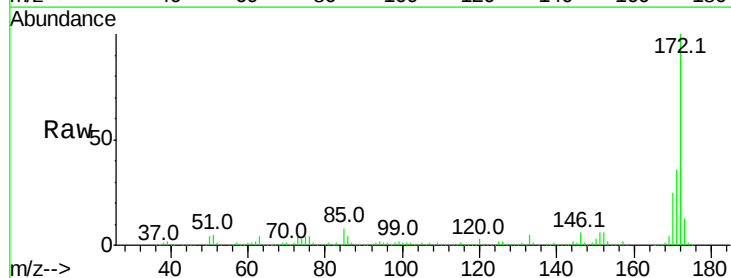
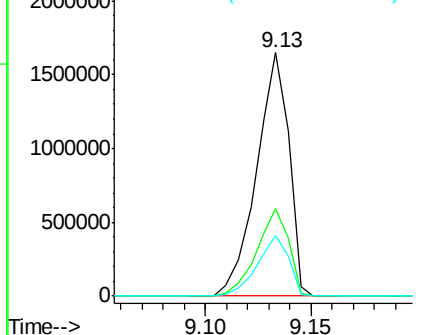
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

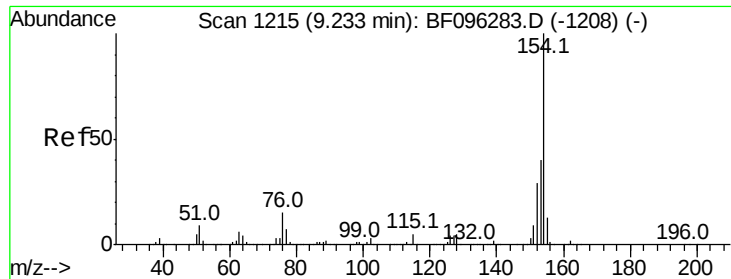


#44
 2-Fluorobiphenyl
 Concen: 86.79 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Tgt Ion	172	Resp	1750100
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.7	19.8	29.8

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





#45

1,1'-Biphenyl

Concen: 41.54 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1176939

Ion Ratio Lower Upper

154 100

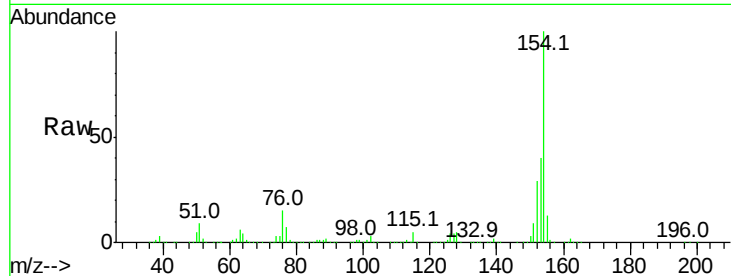
153 40.1 21.2 61.2

76 14.5 0.0 29.9

Manual Integrations
APPROVED

mohammad

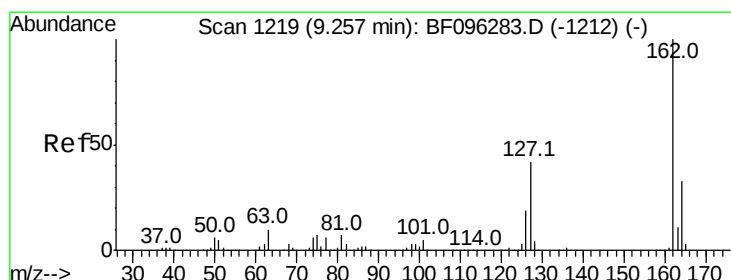
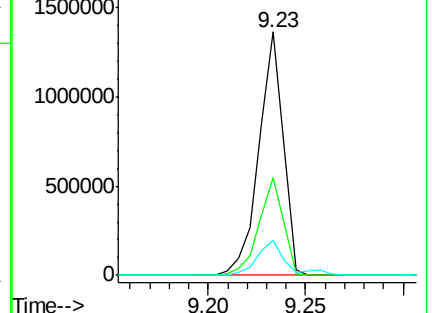
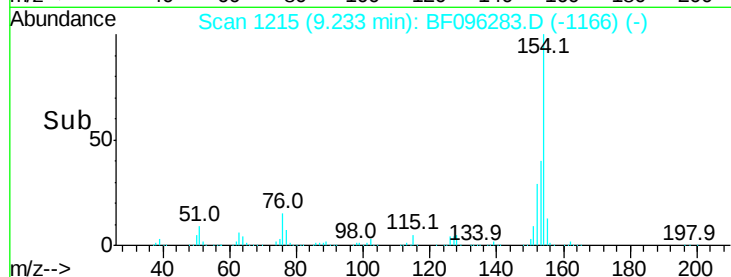
6/30/2017 2:51:39 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.46 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

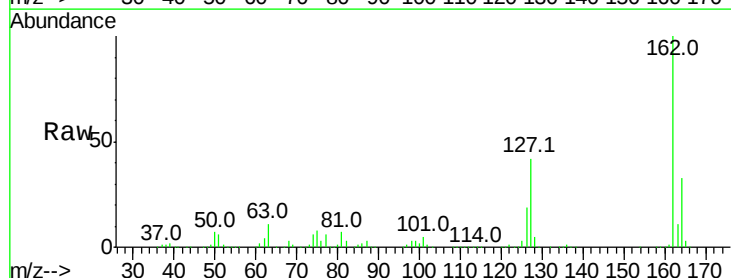
Tgt Ion:162 Resp: 951051

Ion Ratio Lower Upper

162 100

127 42.0 28.3 42.5

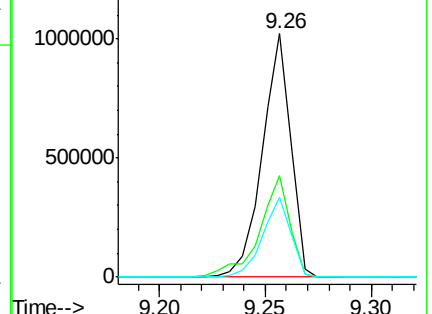
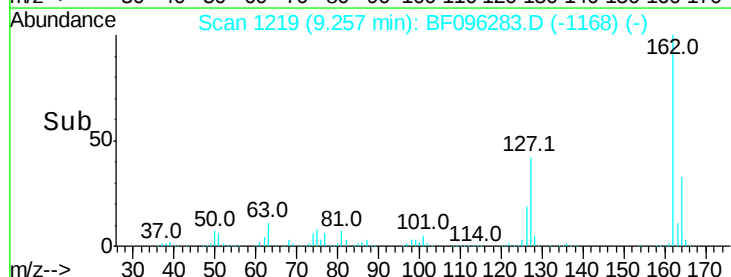
164 32.6 27.0 40.4

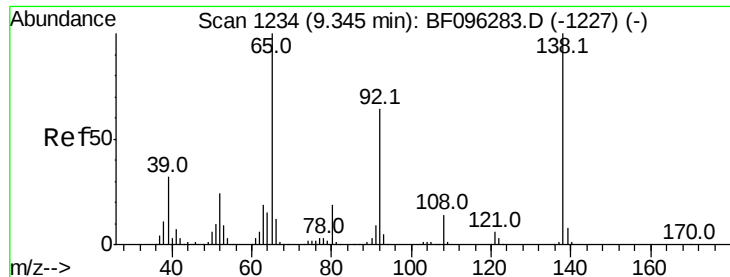


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.66 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.02 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 368636

Ion Ratio Lower Upper

65 100

92 64.3 53.9 80.9

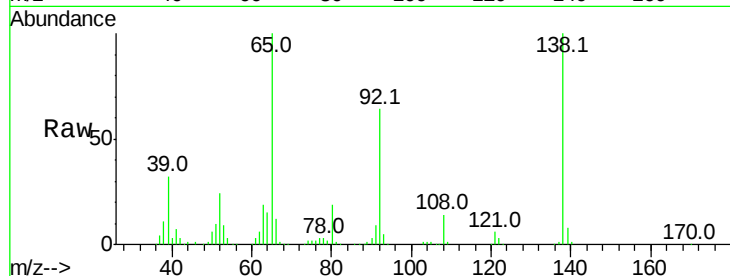
138 99.8 78.8 118.2

Manual Integrations

APPROVED

mohammad

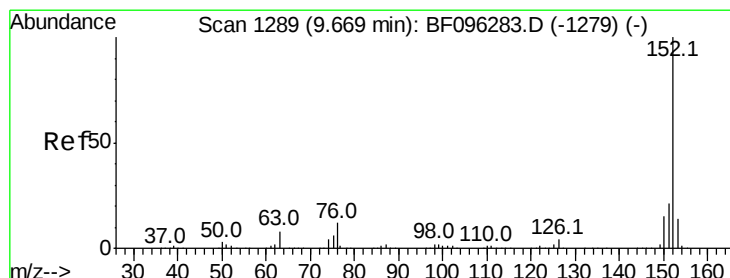
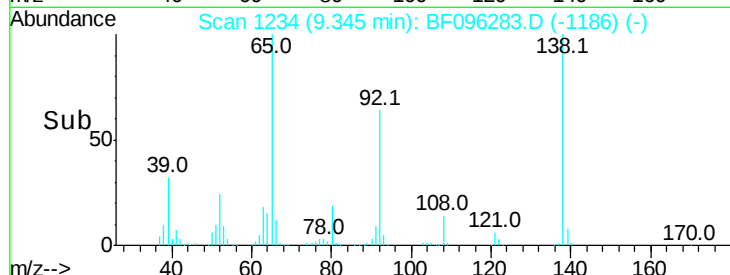
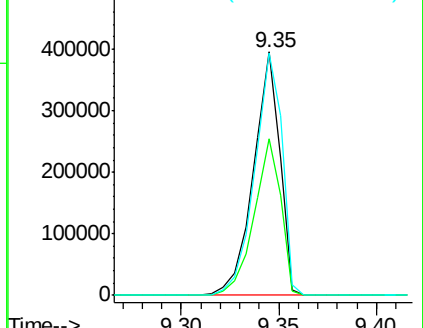
6/30/2017 2:51:39 PM



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.27 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

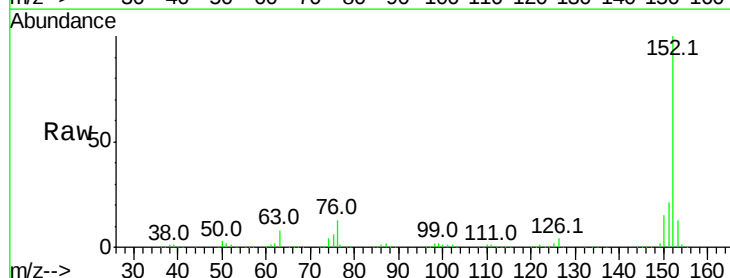
Tgt Ion: 152 Resp: 1570560

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

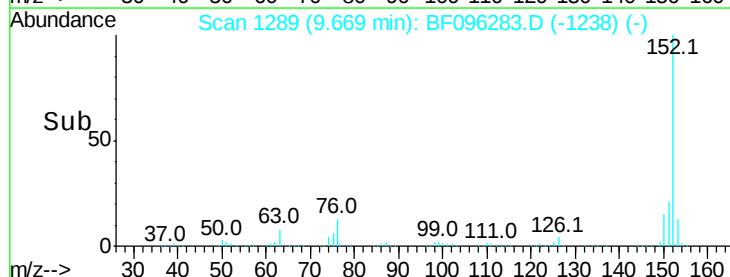
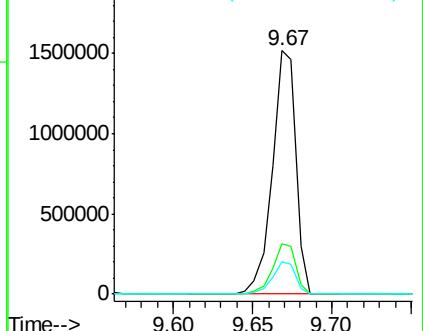
153 13.5 10.8 16.2

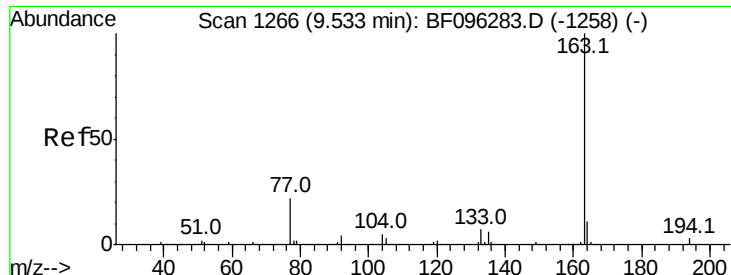


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





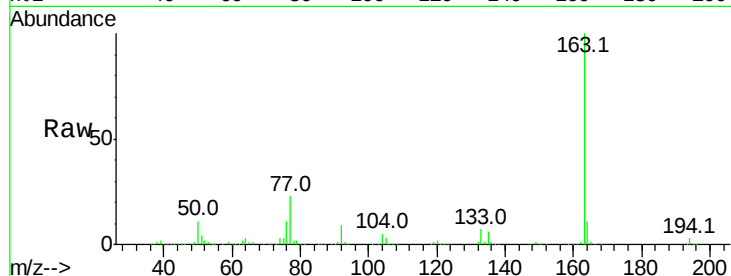
#49
Dimethylphthalate
Concen: 41.09 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

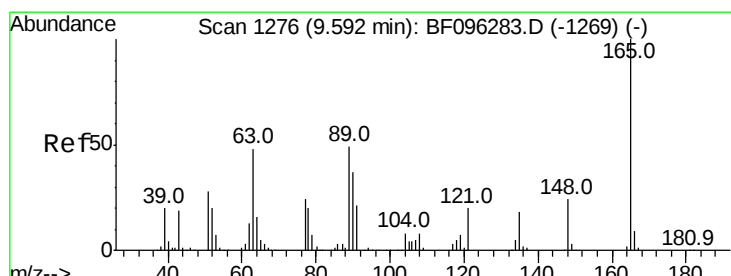
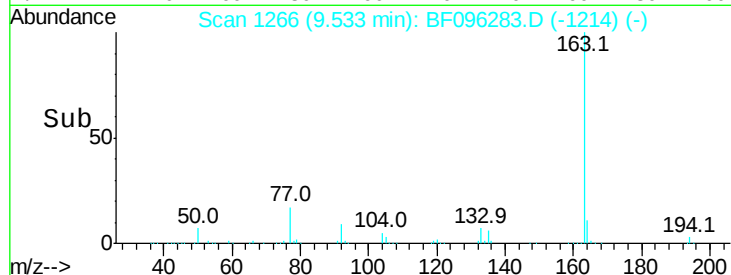
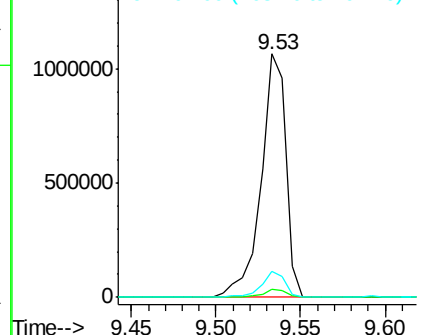
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.8	8.4	12.6

Manual Integrations
APPROVED

mohammad
6/30/2017 2:51:39 PM



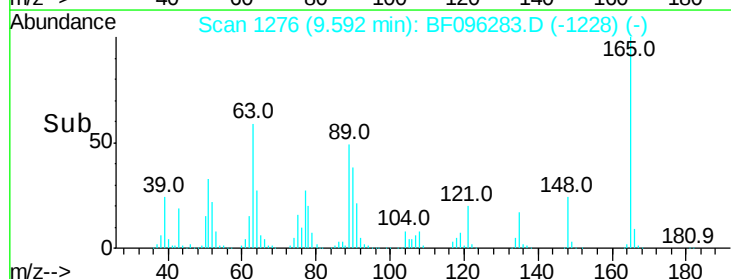
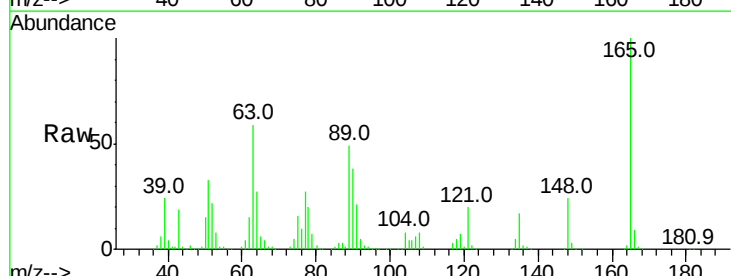
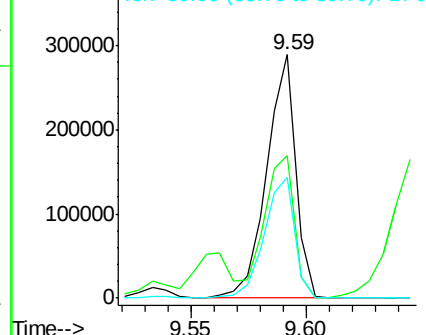
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

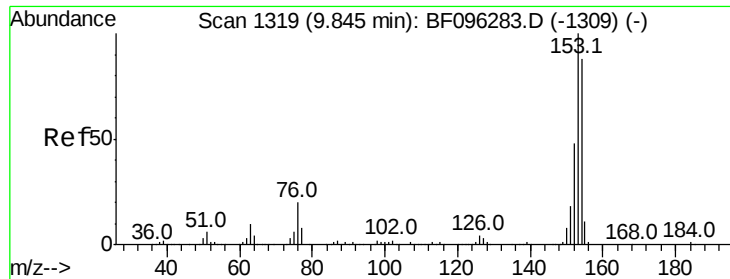


#50
2,6-Dinitrotoluene
Concen: 46.09 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.7	34.3	51.5#
89	49.5	37.1	55.7

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





#51

Acenaphthene

Concen: 40.90 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

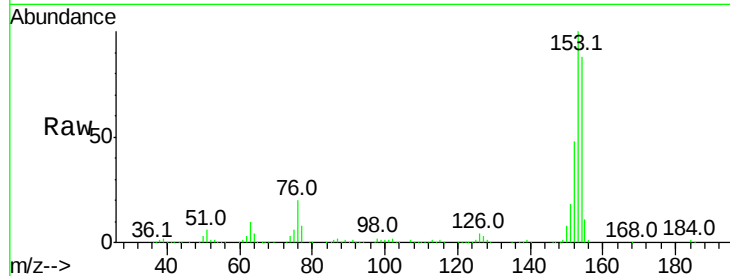
ClientSampleId :

SSTDCCC040

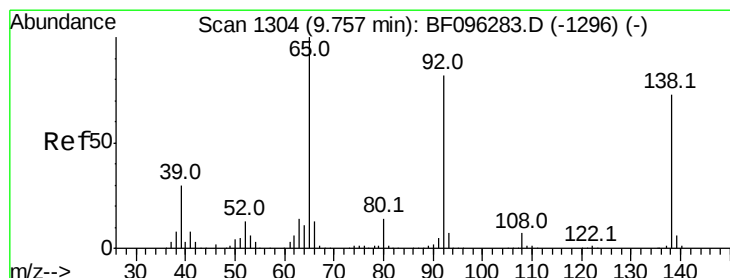
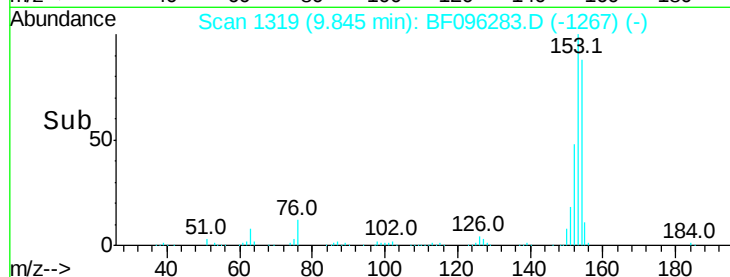
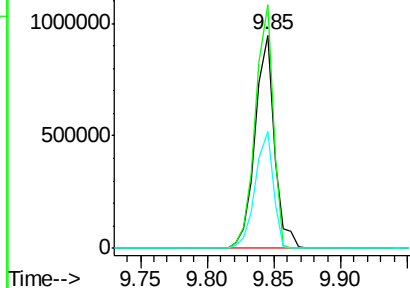
Tot Ion:	154	Resp:	938740
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.5	135.7
152	54.8	43.6	65.4

Manual Integrations
APPROVED

mohammad
6/30/2017 2:51:39 PM



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



#52

3-Nitroaniline

Concen: 46.26 ng

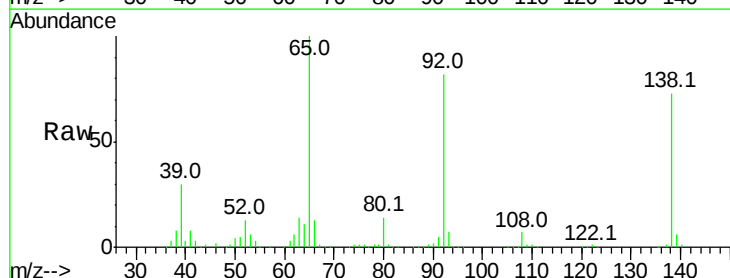
RT: 9.76 min Scan# 1304

Delta R.T. -0.02 min

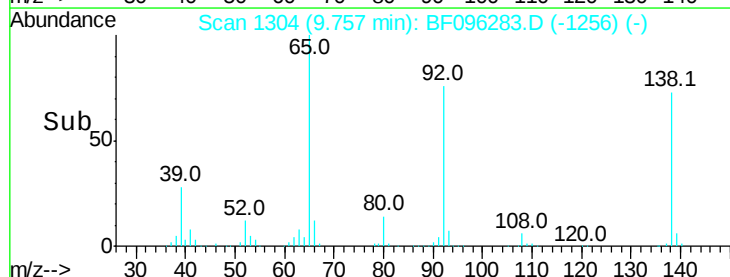
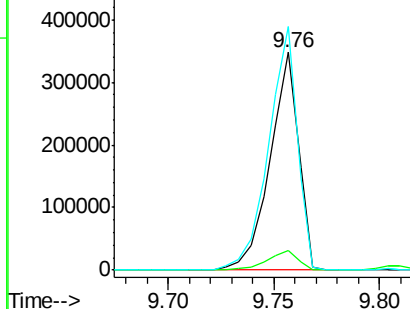
Lab File: BF096283.D

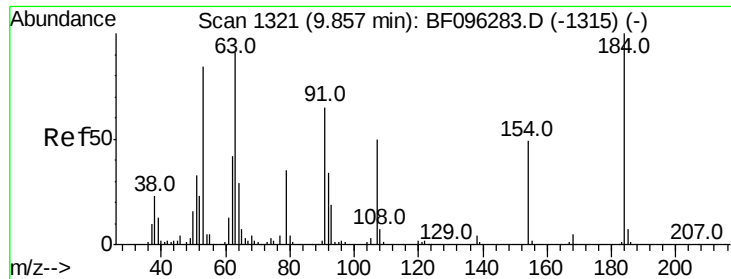
Acq: 29 Jun 2017 11:14

Tgt Ion:	138	Resp:	325675
Ion Ratio	Lower	Upper	
138	100		
108	9.3	9.1	13.7
92	111.8	93.8	140.6



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





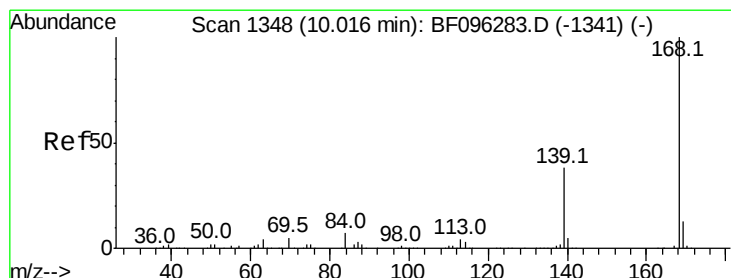
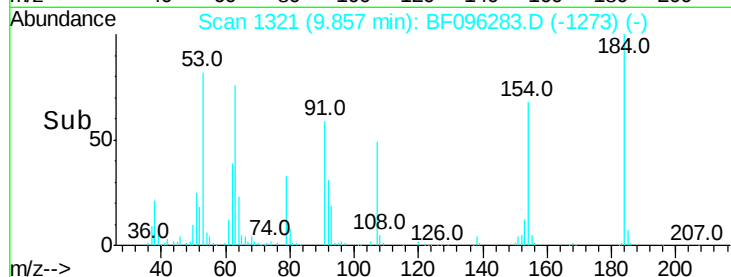
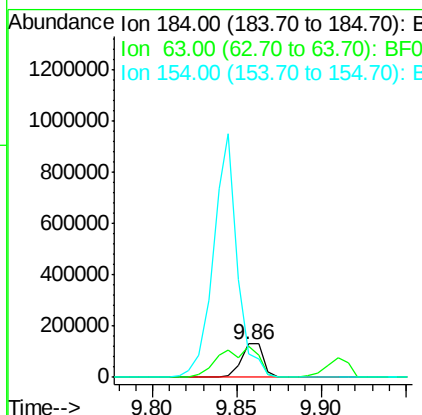
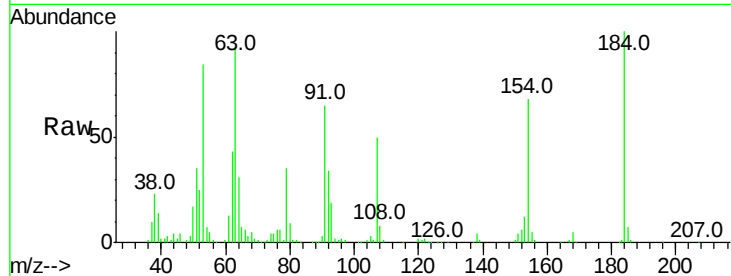
#53
2,4-Dinitrophenol
Concen: 58.59 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	92.9	62.7	94.1
154	68.4	81.1	121.7#

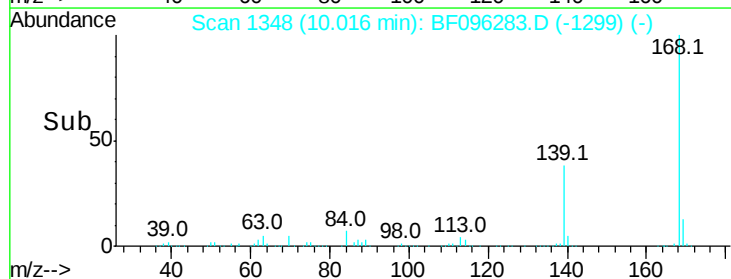
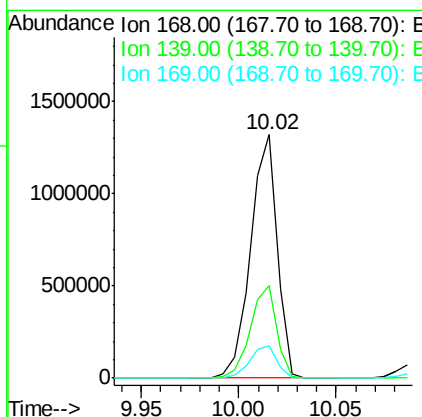
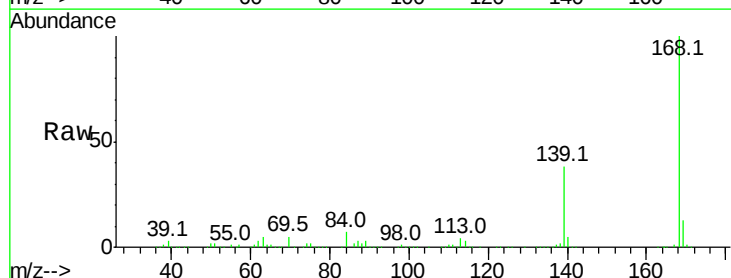
Manual Integrations
APPROVED

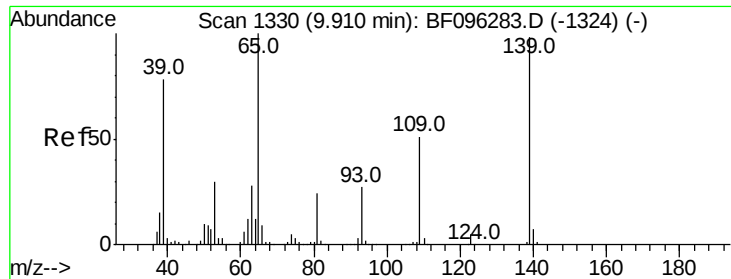
mohammad
6/30/2017 2:51:39 PM



#54
Dibenzofuran
Concen: 41.62 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.6	45.8
169	13.4	10.8	16.2





#55

4-Nitrophenol

Concen: 46.59 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

ClientSampleId :

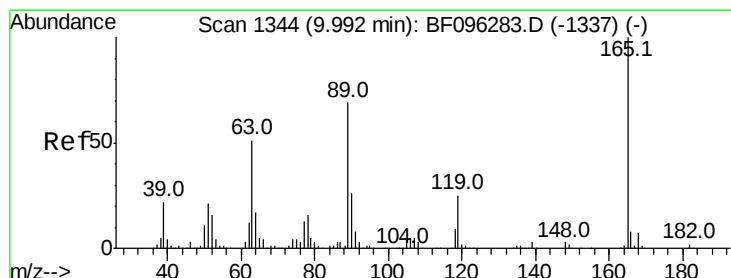
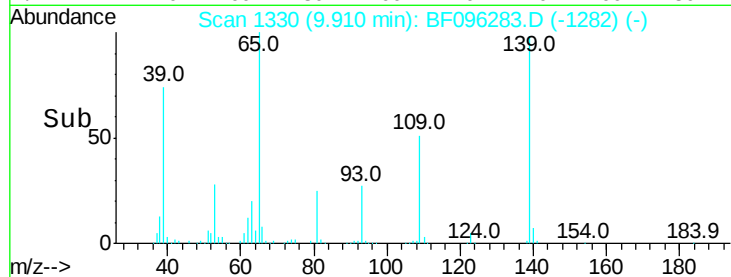
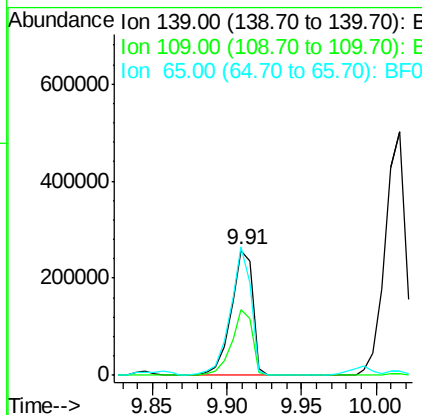
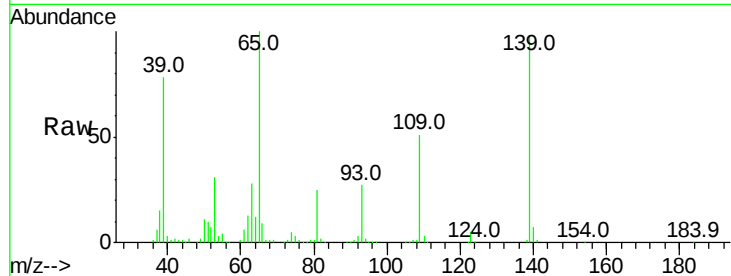
SSTDCCC040

Tot Ion:139 Resp: 265220

Ion	Ratio	Lower	Upper
139	100		
109	52.4	34.1	74.1
65	102.5	31.4	71.4

Manual Integrations
APPROVED

mohammad
6/30/2017 2:51:39 PM



#56

2,4-Dinitrotoluene

Concen: 48.07 ng

RT: 9.99 min Scan# 1344

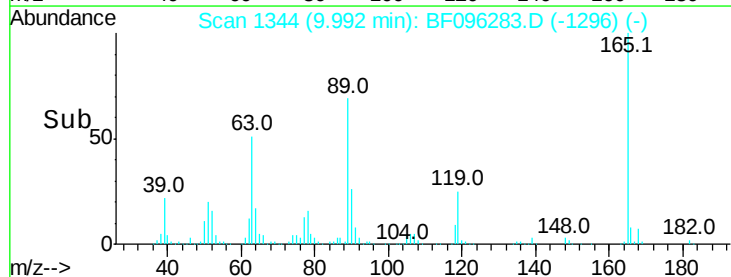
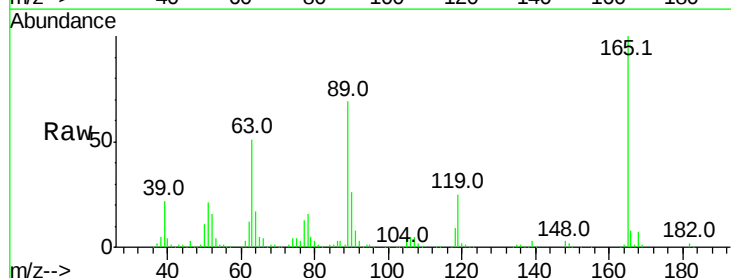
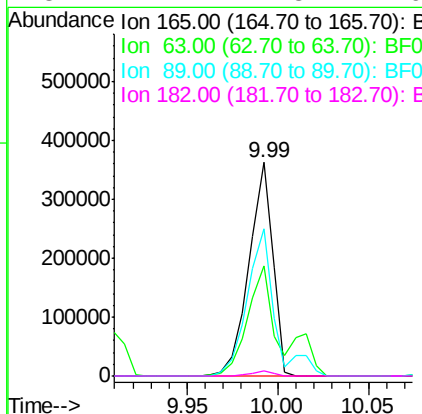
Delta R.T. -0.02 min

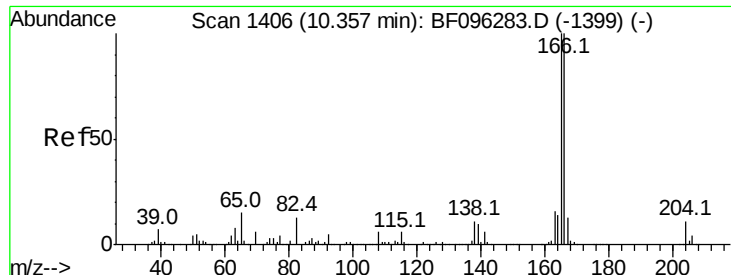
Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Tgt Ion:165 Resp: 333057

Ion	Ratio	Lower	Upper
165	100		
63	51.4	25.4	38.0
89	68.7	46.4	69.6
182	2.2	1.8	2.6





#57

Fluorene

Concen: 44.65 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

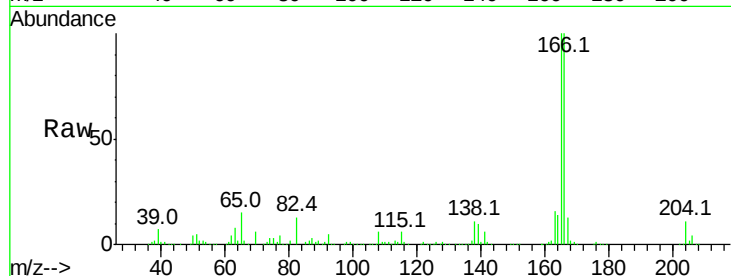
ClientSampleId :

SSTDCCC040

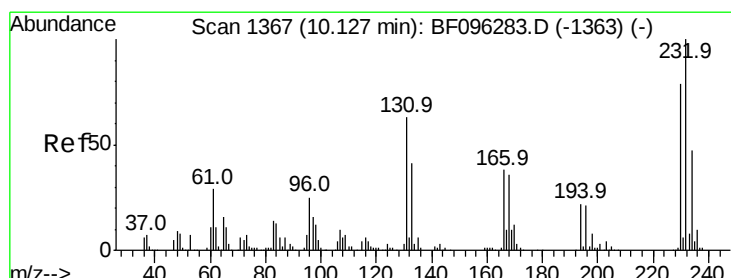
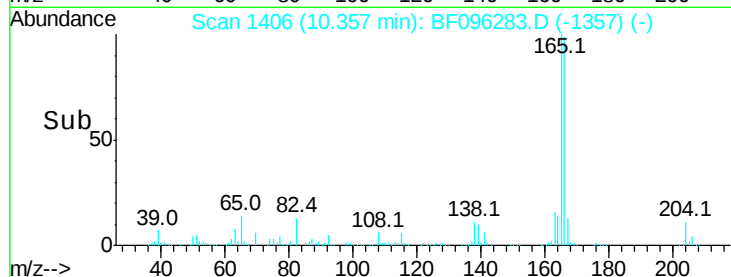
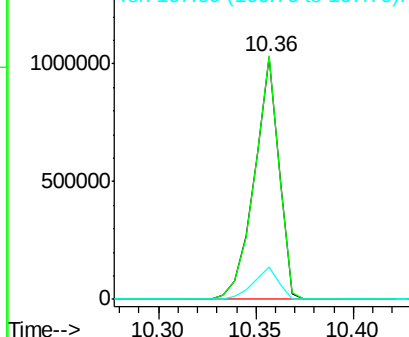
Tot Ion:	166	Resp:	900629
Ion Ratio	Lower	Upper	
166	100		
165	100.3	78.8	118.2
167	13.2	10.6	16.0

Manual Integrations
APPROVED

mohammad
6/30/2017 2:51:39 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.94 ng

RT: 10.13 min Scan# 1367

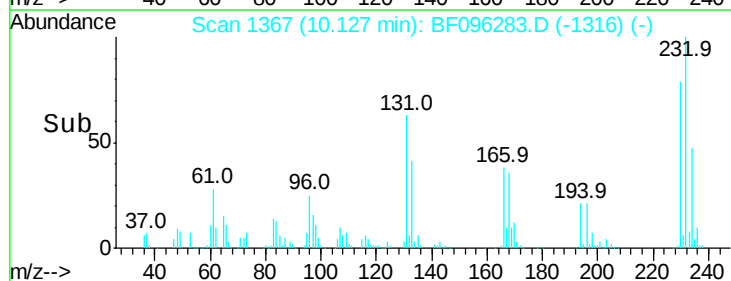
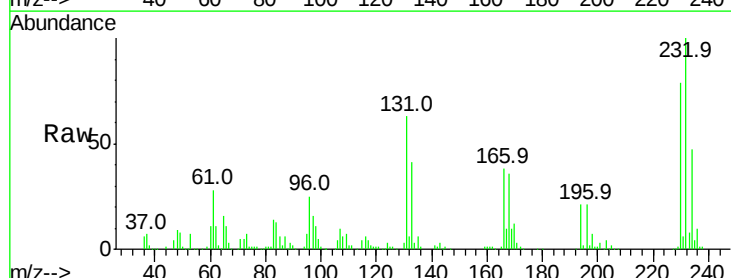
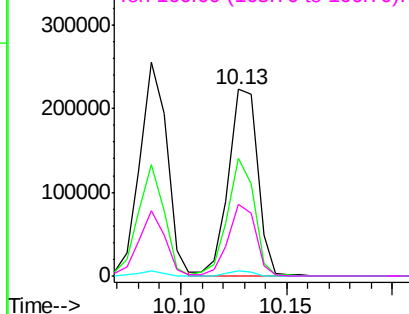
Delta R.T. -0.00 min

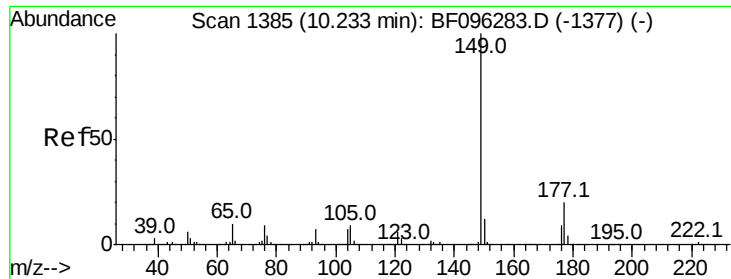
Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Tgt Ion:	232	Resp:	213094
Ion Ratio	Lower	Upper	
232	100		
131	57.8	44.8	67.2
130	2.4	2.3	3.5
166	36.3	29.0	43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





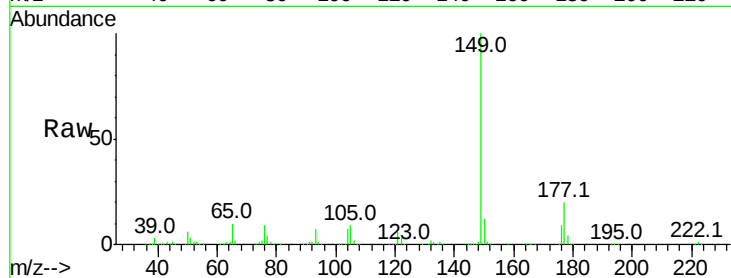
#59
Diethylphthalate
Concen: 39.47 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

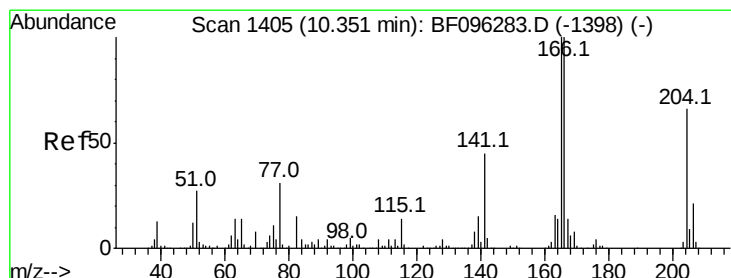
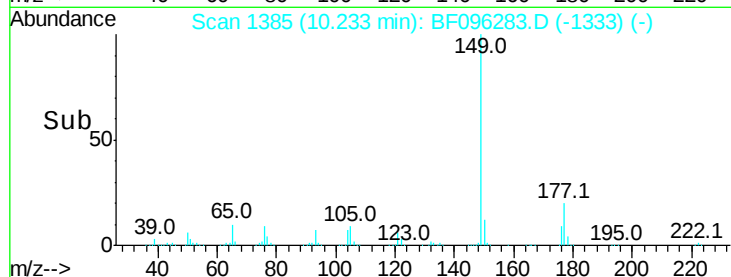
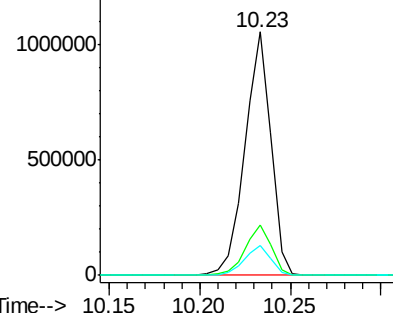
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.7	25.1
150	12.4	10.2	15.2

Manual Integrations
APPROVED

mohammad
6/30/2017 2:51:39 PM

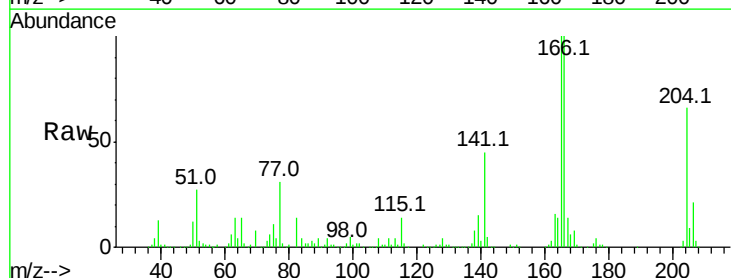


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

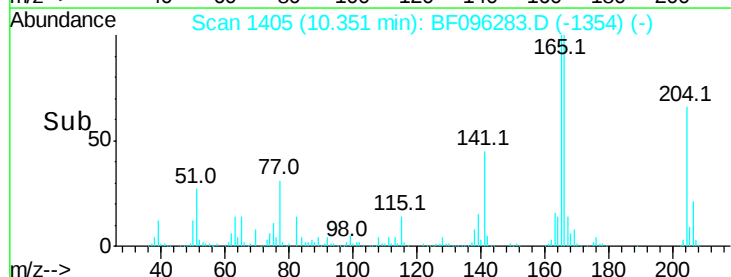
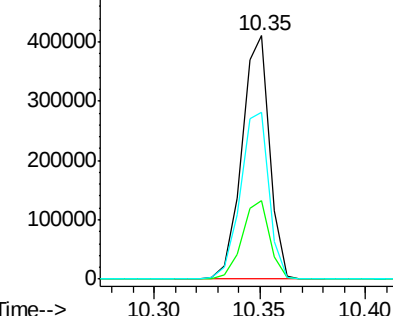


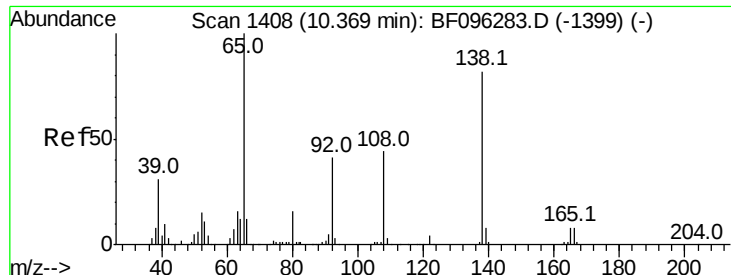
#60
4-Chlorophenyl-phenylether
Concen: 43.87 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	68.3	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





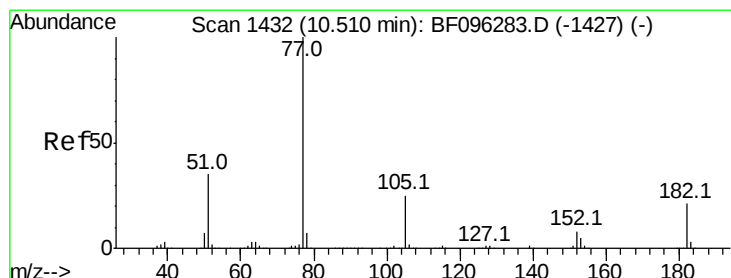
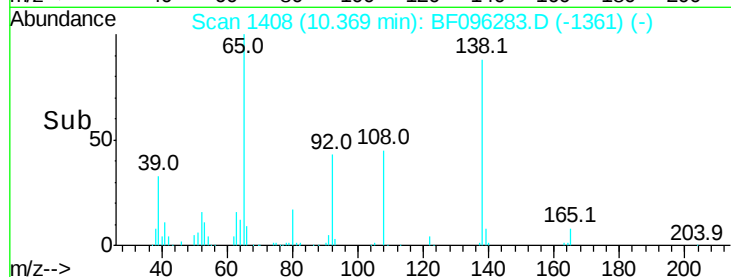
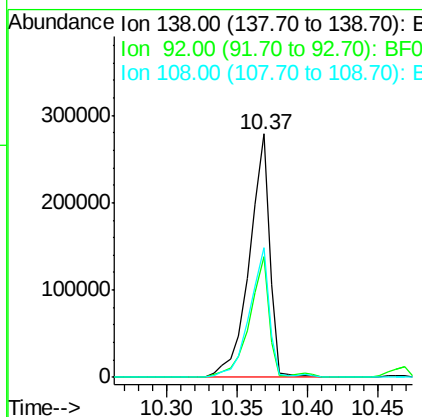
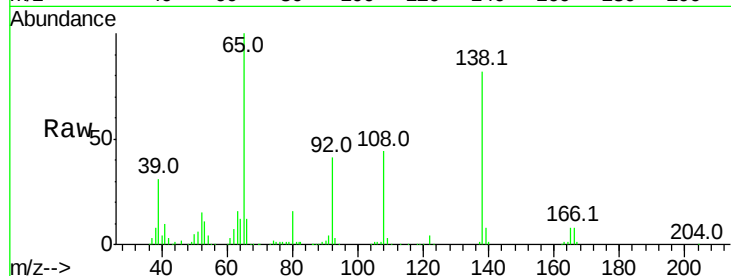
#61
4-Nitroaniline
Concen: 46.11 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.5	21.8	61.8
108	53.4	42.3	82.3

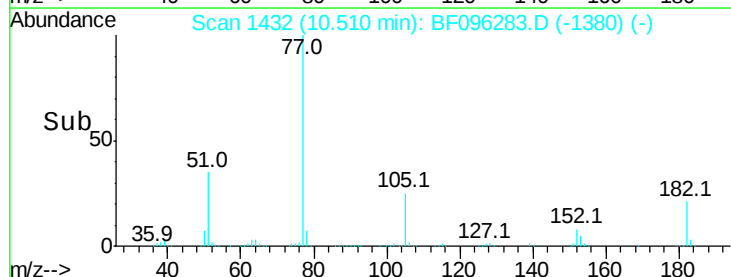
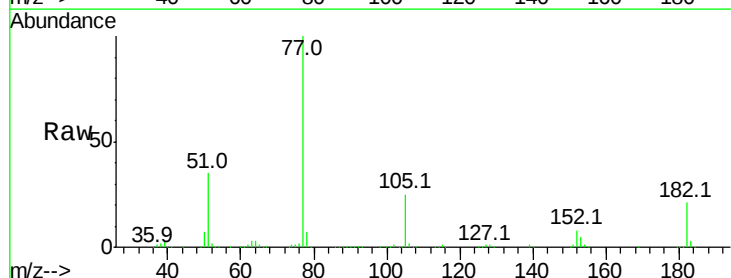
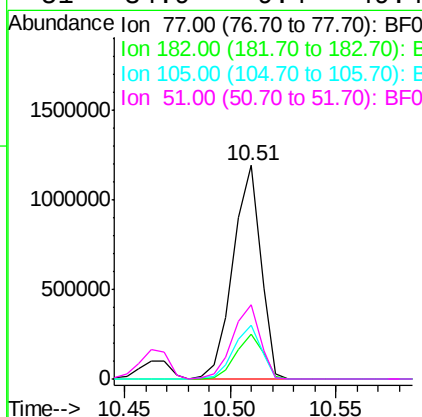
Manual Integrations
APPROVED

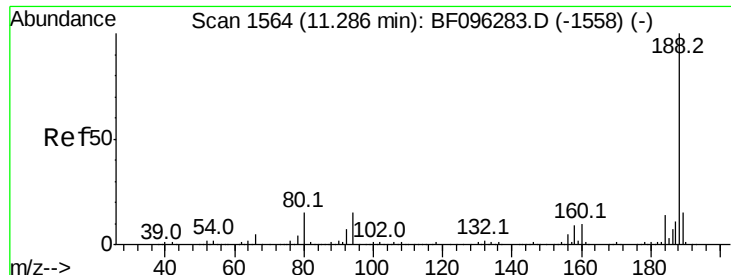
mohammad
6/30/2017 2:51:39 PM



#62
Azobenzene
Concen: 40.44 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.2	0.1	40.1
105	24.9	3.6	43.6
51	34.9	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 607042

Ion Ratio Lower Upper

188 100

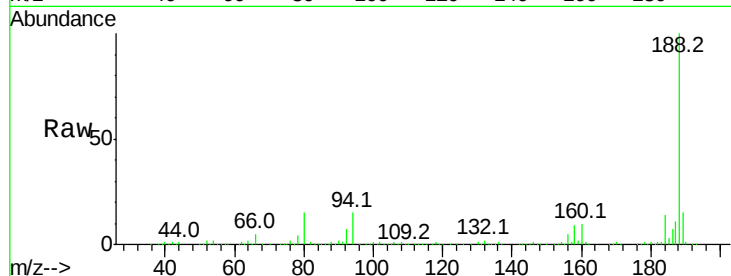
94 14.6 9.4 14.2#

80 14.6 10.2 15.2

Manual Integrations
APPROVED

mohammad

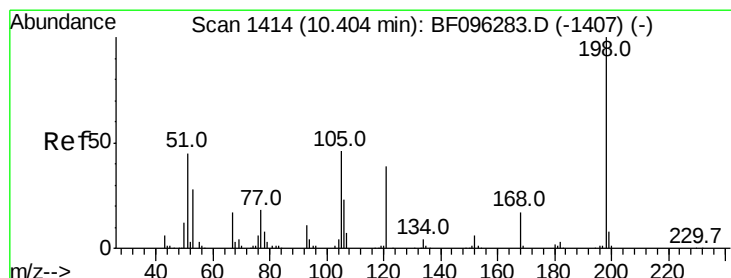
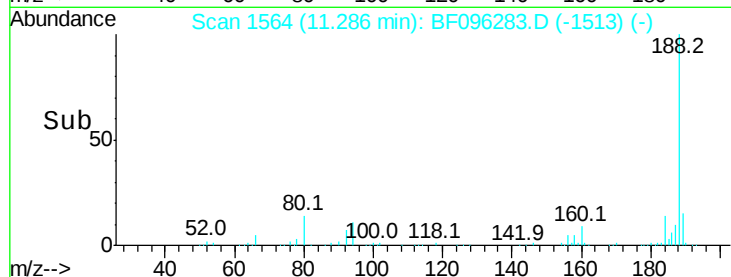
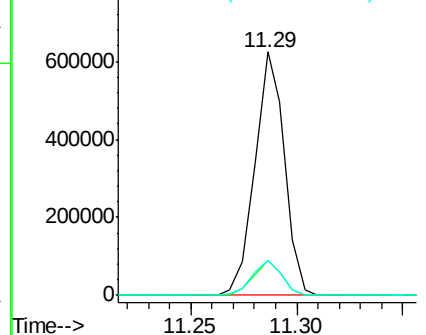
6/30/2017 2:51:39 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 52.17 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

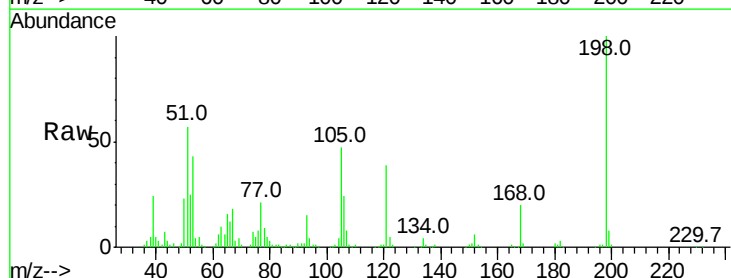
Tgt Ion:198 Resp: 169166

Ion Ratio Lower Upper

198 100

51 56.8 53.2 93.2

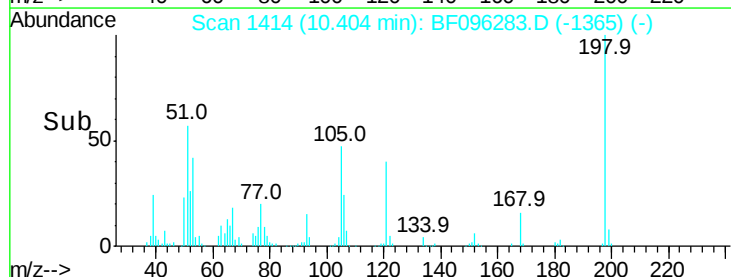
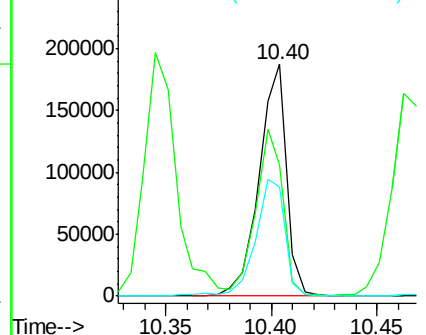
105 47.1 45.8 85.8

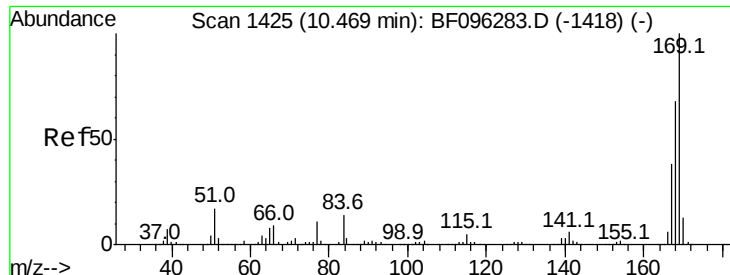


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





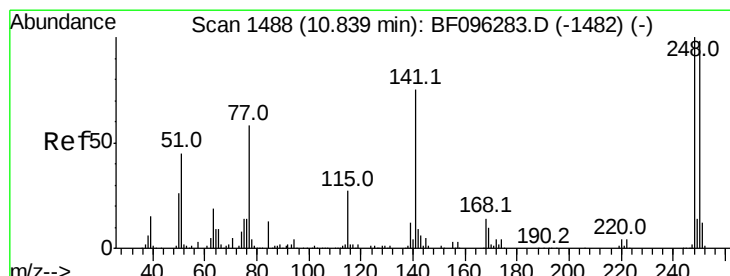
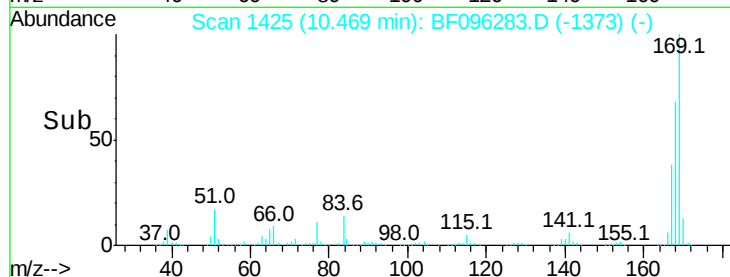
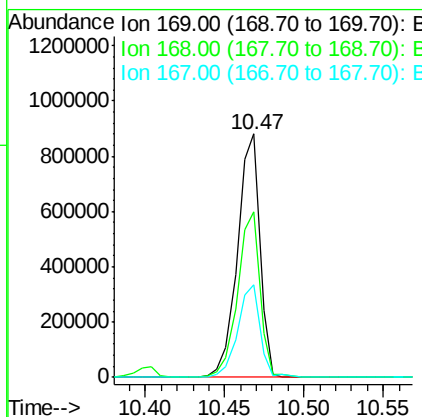
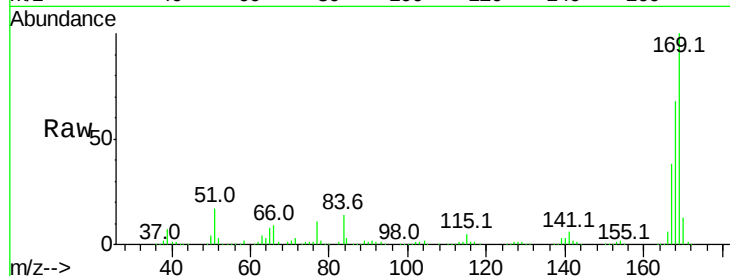
#65
 n-Nitrosodiphenylamine
 Concen: 39.48 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.2	79.8
167	38.2	29.5	44.3

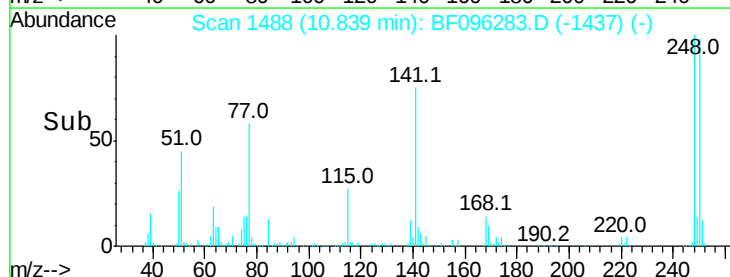
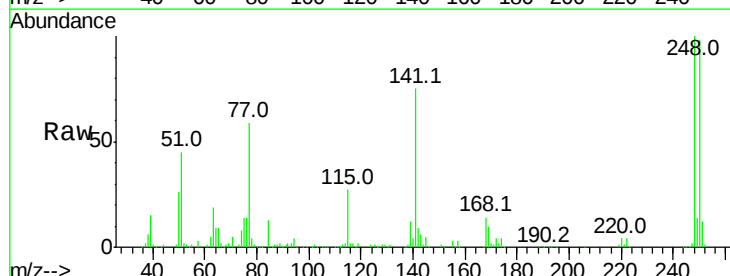
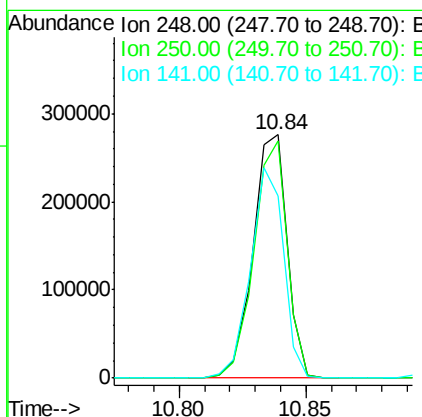
Manual Integrations
 APPROVED

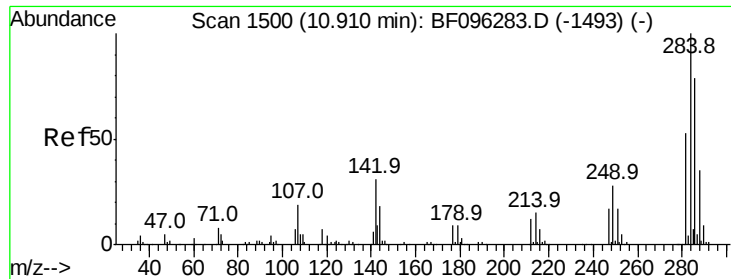
mohammad
 6/30/2017 2:51:39 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.57 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.8	115.2
141	74.6	68.6	103.0





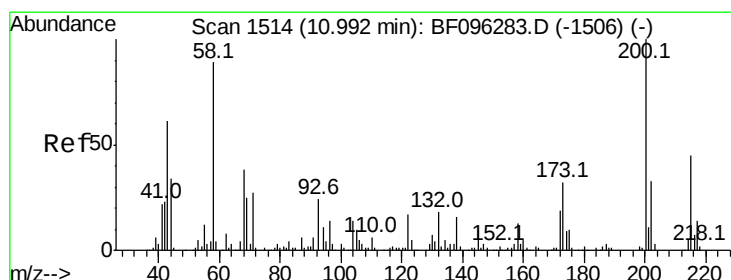
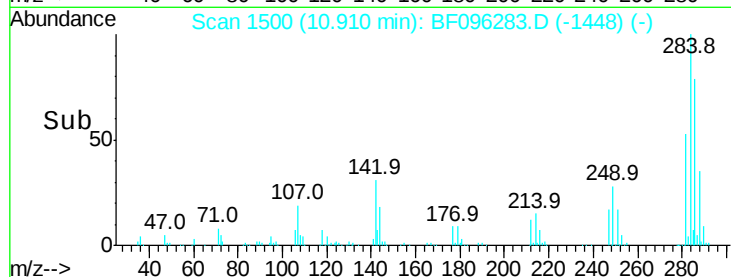
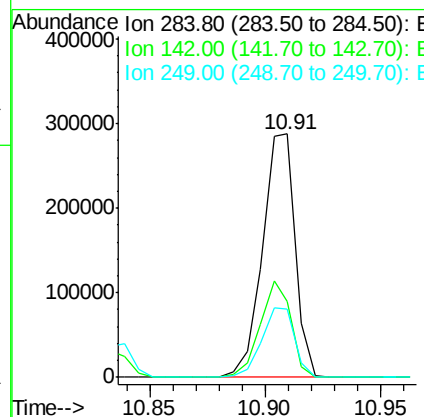
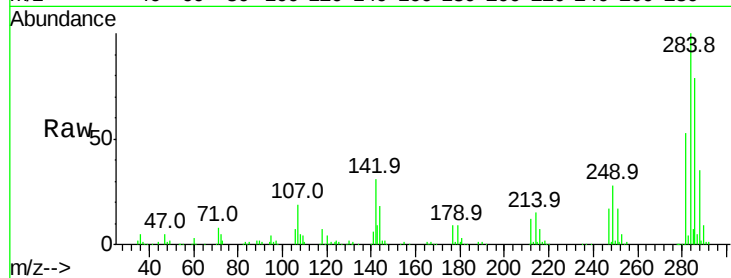
#67
Hexachlorobenzene
Concen: 44.22 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	283932		
142	31.5	22.8	34.2	
249	28.0	24.0	36.0	

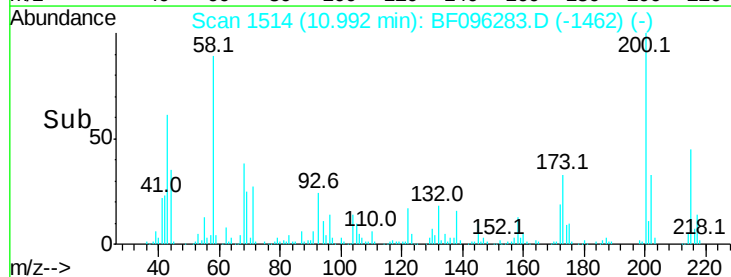
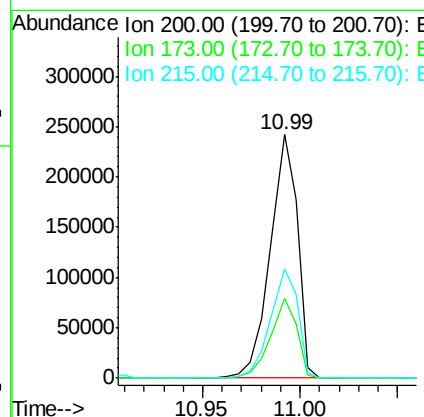
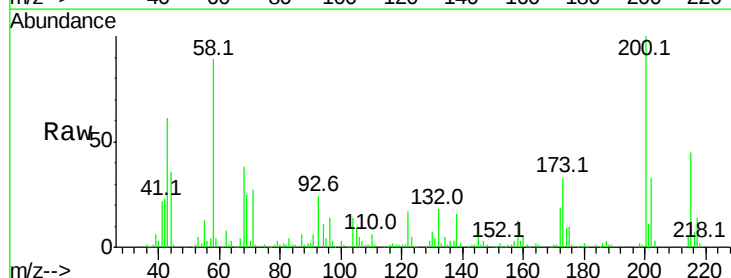
Manual Integrations
APPROVED

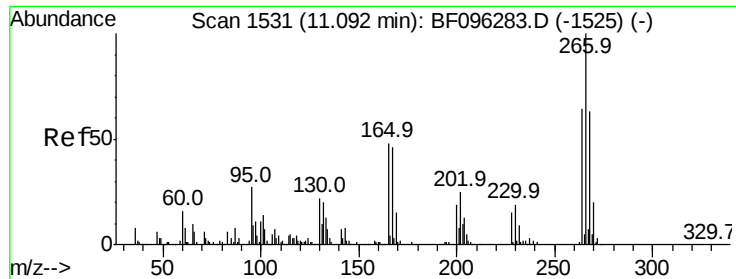
mohammad
6/30/2017 2:51:39 PM



#68
Atrazine
Concen: 40.68 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	234296		
173	32.7	6.3	46.3	
215	44.7	27.2	67.2	





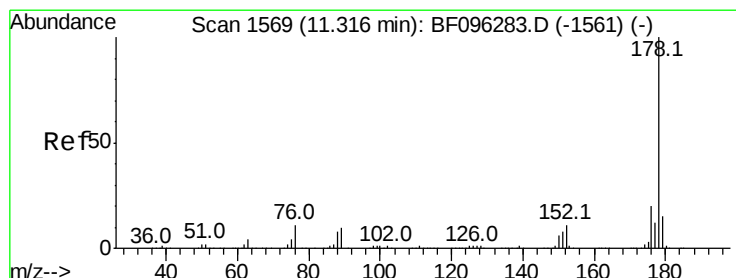
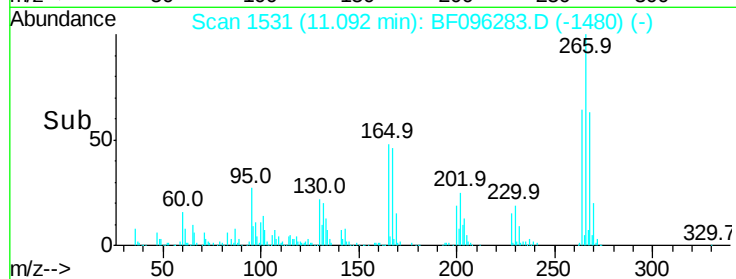
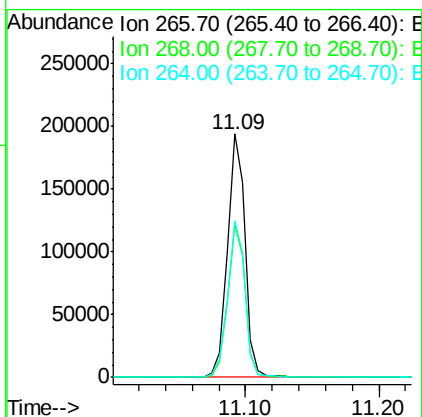
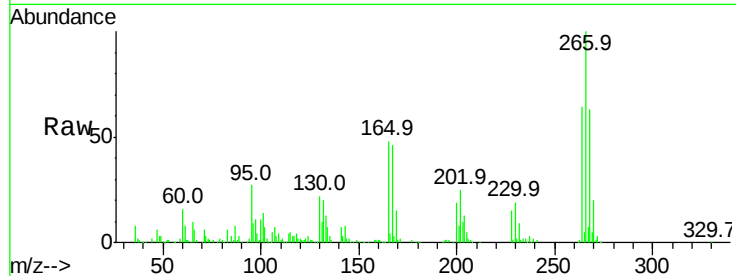
#69
 Pentachlorophenol
 Concen: 49.42 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	181158		
268	63.0		51.1	76.7
264	64.2		51.7	77.5

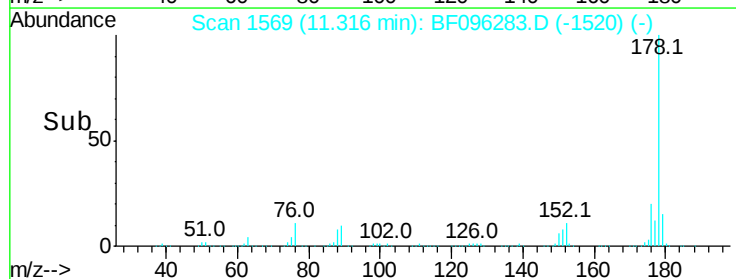
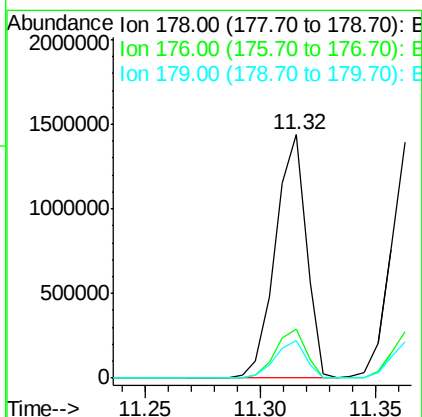
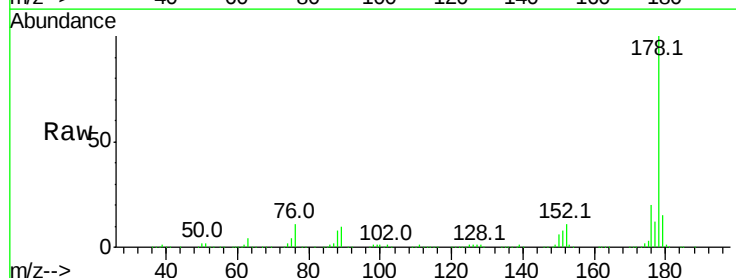
Manual Integrations
 APPROVED

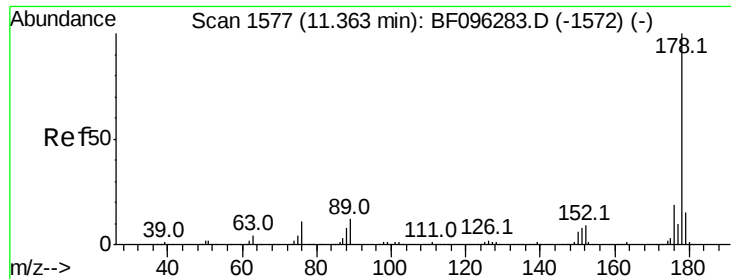
mohammad
 6/30/2017 2:51:39 PM



#70
 Phenanthrene
 Concen: 43.61 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1334751		
176	20.3		16.2	24.4
179	15.2		12.6	19.0





#71
 Anthracene
 Concen: 40.78 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

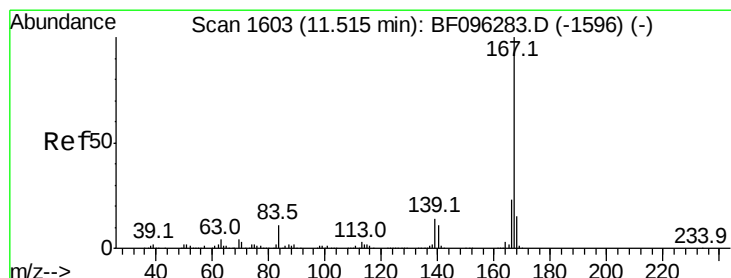
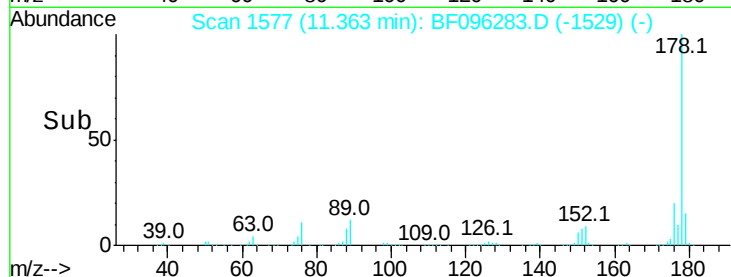
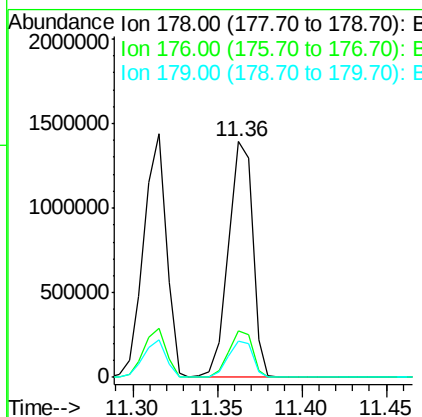
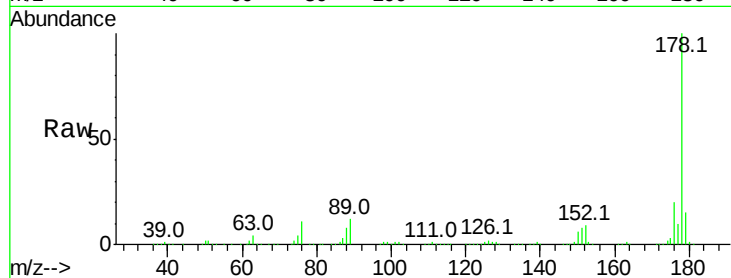
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1383494

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.2	12.7	19.1

Manual Integrations
 APPROVED

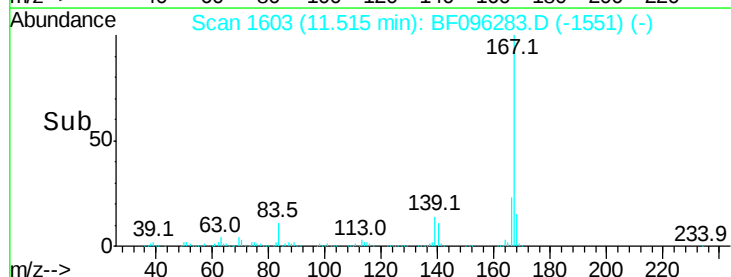
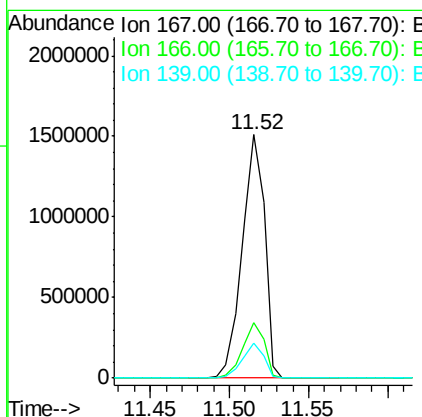
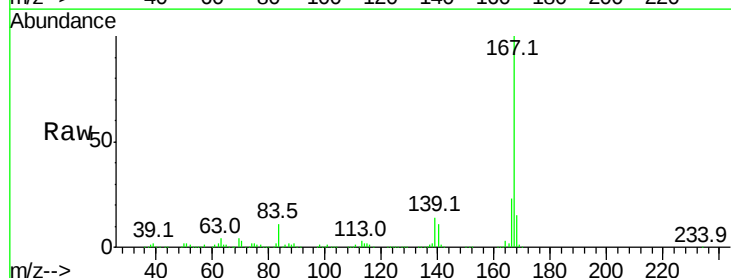
mohammad
 6/30/2017 2:51:39 PM

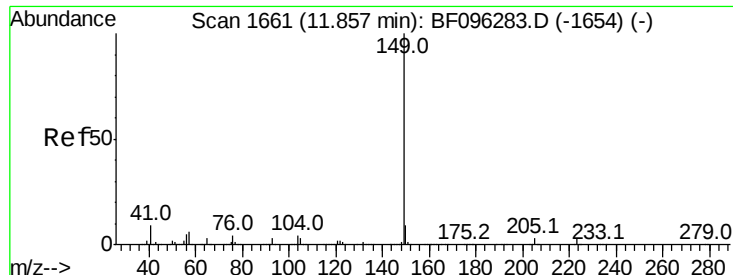


#72
 Carbazole
 Concen: 39.35 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Tgt Ion:167 Resp: 1473653

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	14.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 39.96 ng

RT: 11.86 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1580082

Ion Ratio Lower Upper

149 100

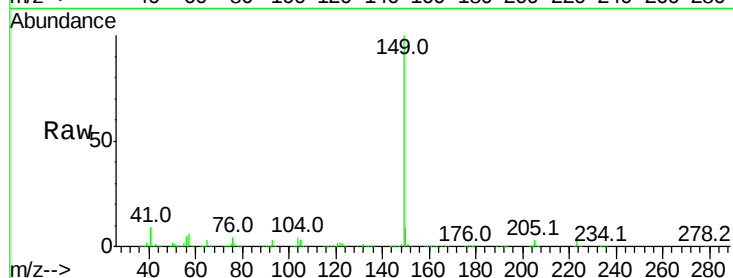
150 9.0 7.7 11.5

104 4.3 4.0 6.0

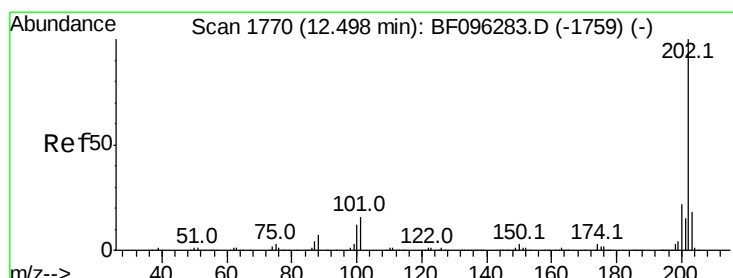
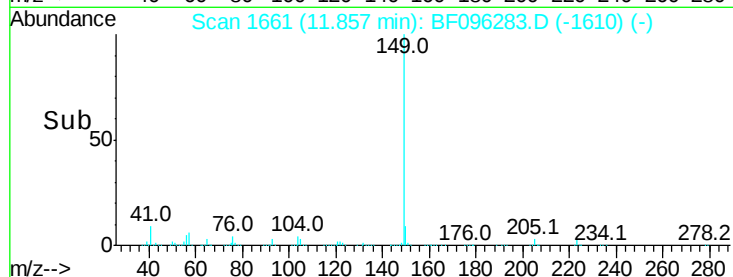
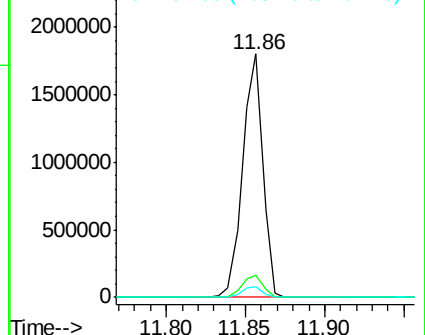
Manual Integrations
APPROVED

mohammad

6/30/2017 2:51:39 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.98 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

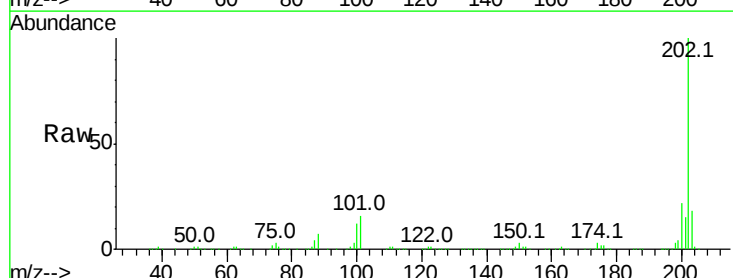
Tgt Ion:202 Resp: 1348216

Ion Ratio Lower Upper

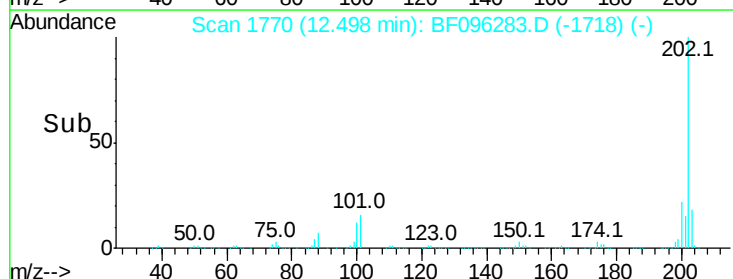
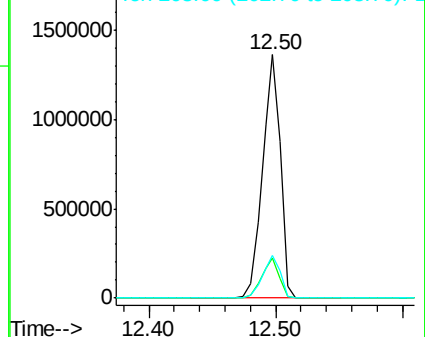
202 100

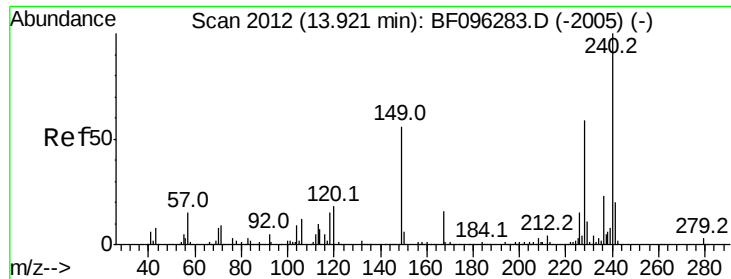
101 16.4 0.0 33.2

203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

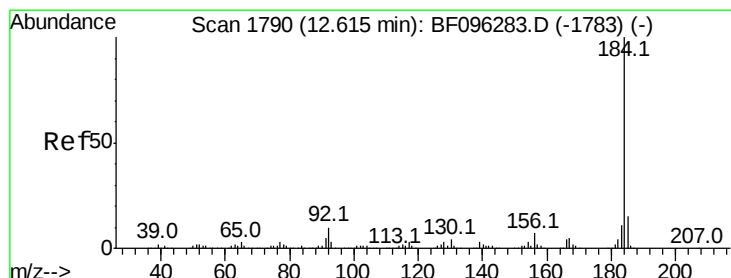
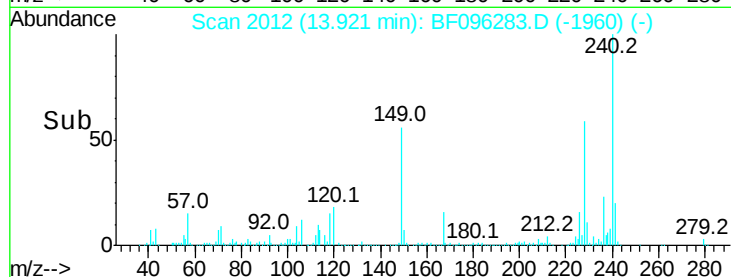
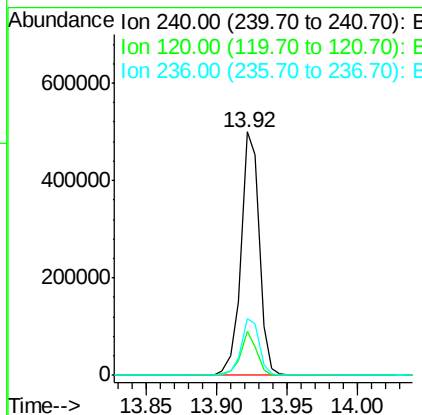
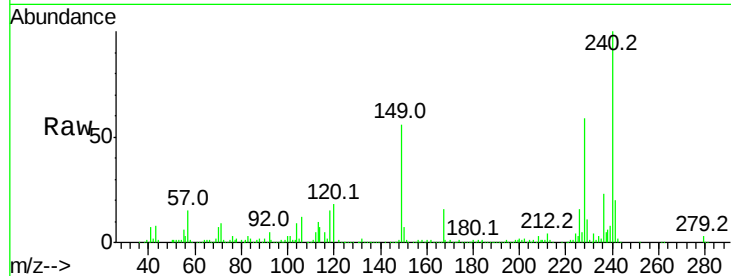
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.9	5.8	8.8#
236	23.3	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/30/2017 2:51:39 PM



#76

Benzidine

Concen: 37.29 ng

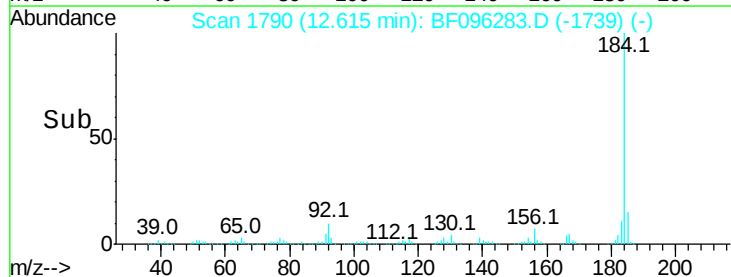
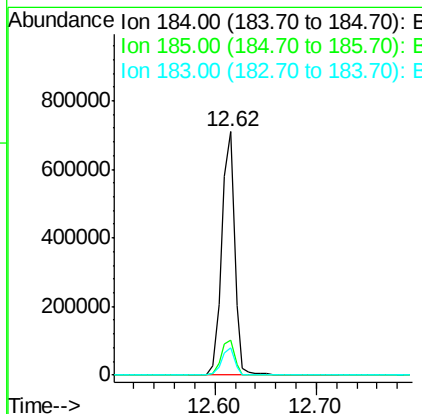
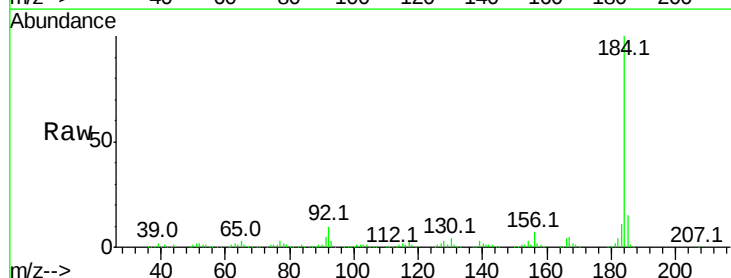
RT: 12.62 min Scan# 1790

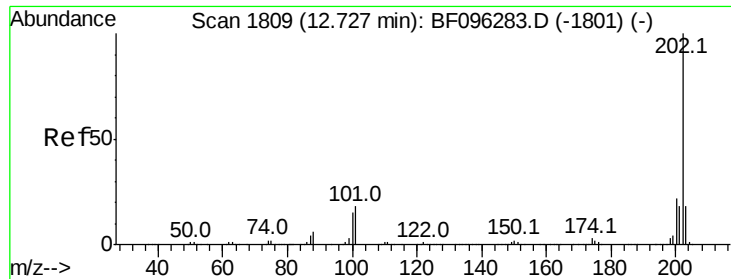
Delta R.T. -0.00 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	15.5	23.3#
183	11.2	9.8	14.6





#77

Pvrene

Concen: 37.19 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1373951

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

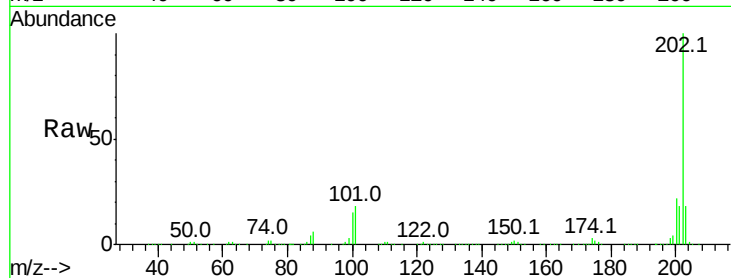
203 18.0 14.4 21.6

Manual Integrations

APPROVED

mohammad

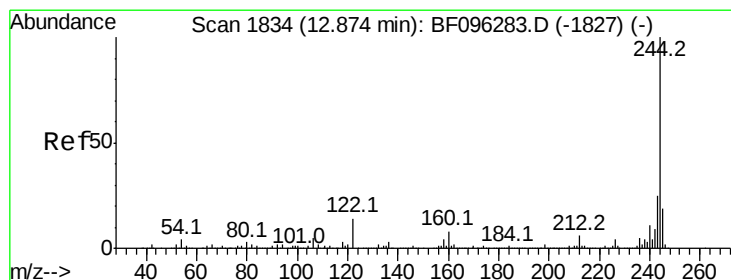
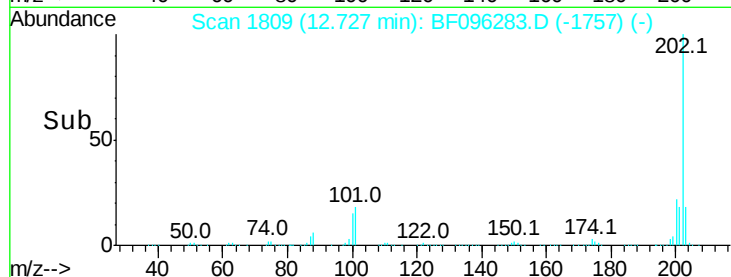
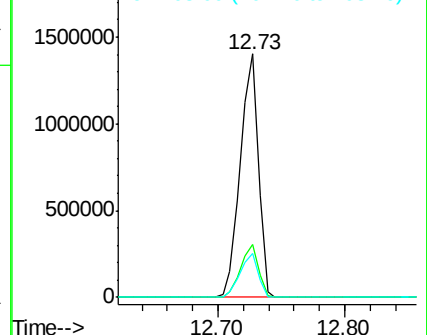
6/30/2017 2:51:39 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.20 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096283.D

Acq: 29 Jun 2017 11:14

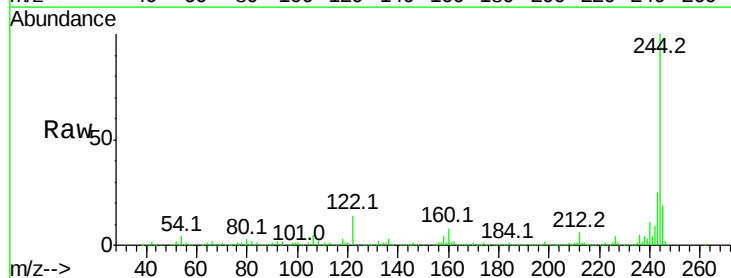
Tgt Ion:244 Resp: 1390728

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

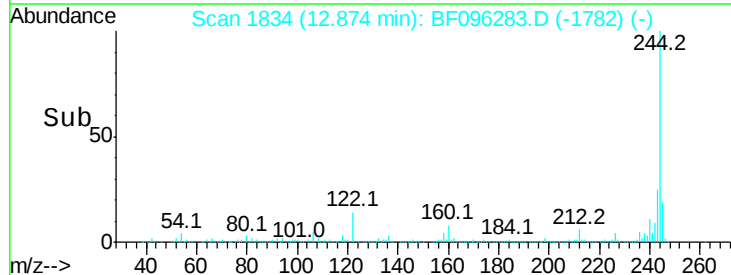
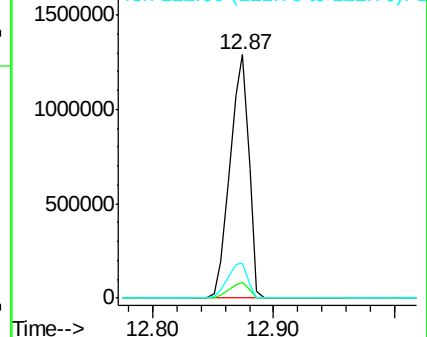
122 14.4 10.3 15.5

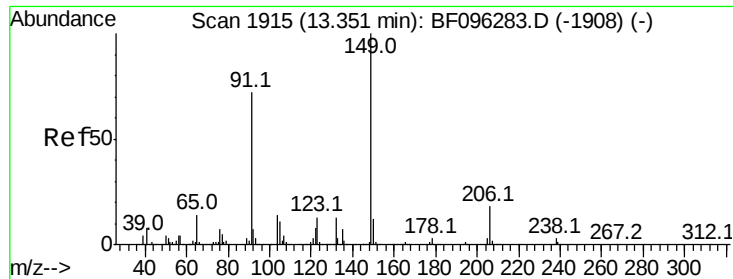


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





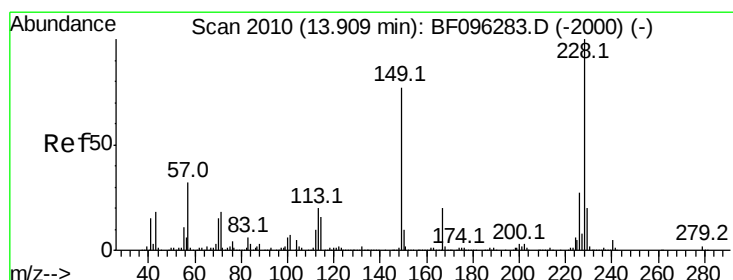
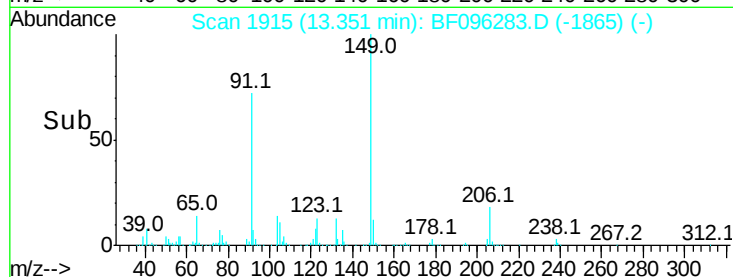
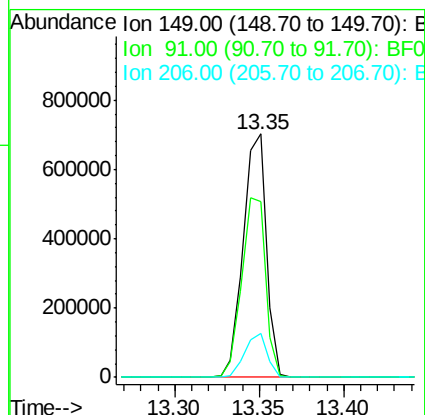
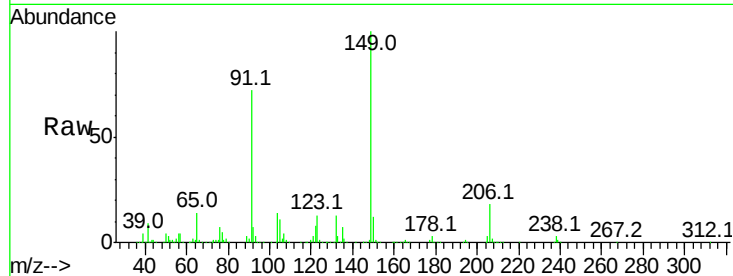
#79
Butylbenzylphthalate
Concen: 39.91 ng
RT: 13.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	45.0	67.4#
206	17.8	17.0	25.6

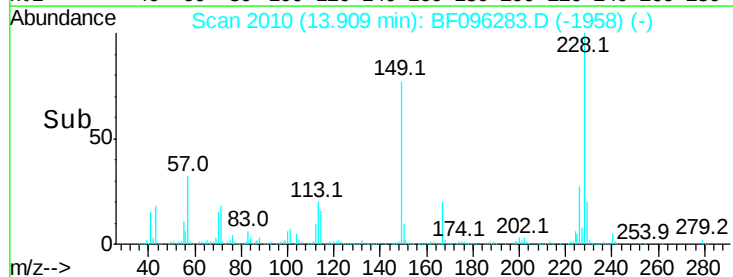
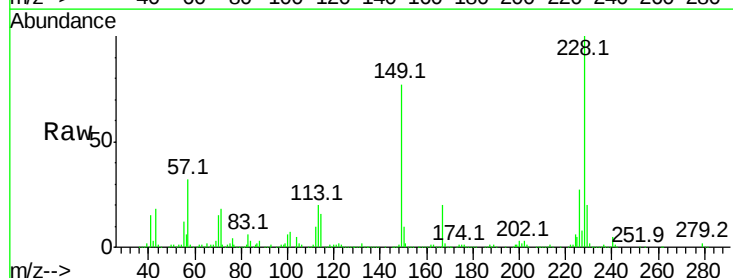
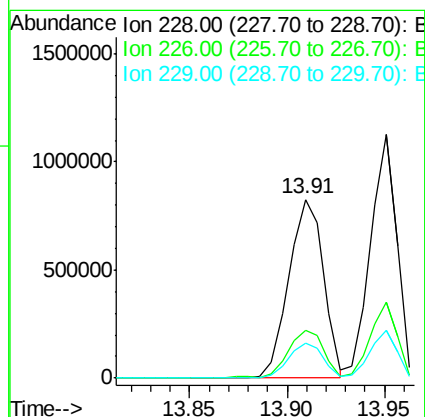
Manual Integrations
APPROVED

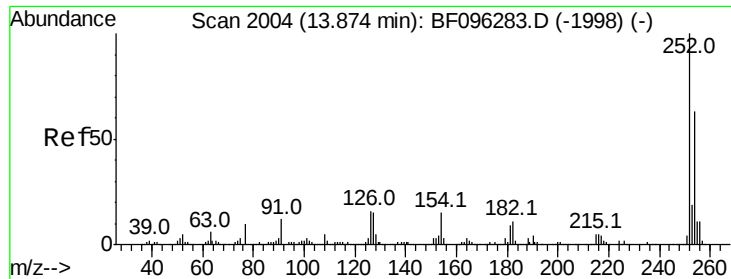
mohammad
6/30/2017 2:51:39 PM



#80
Benzo(a)anthracene
Concen: 37.00 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	33.8
229	19.5	16.3	24.5





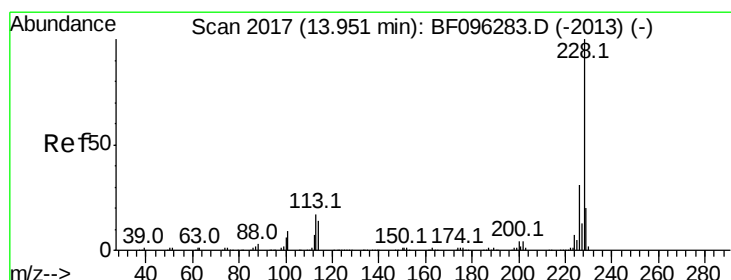
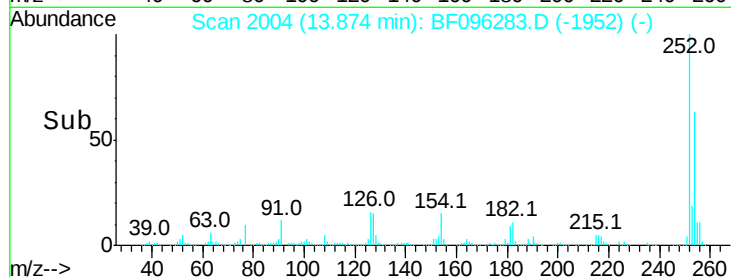
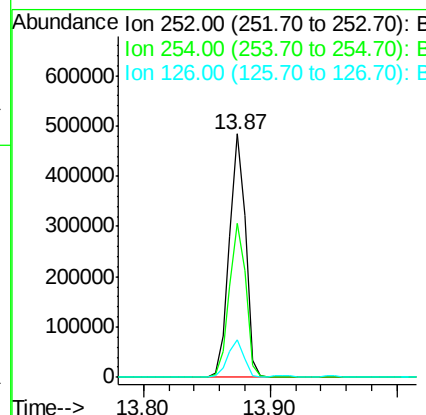
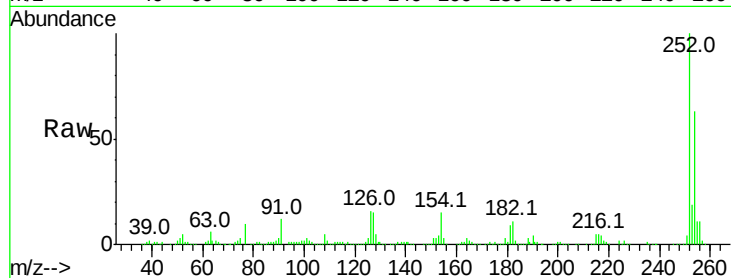
#81
 3,3'-Dichlorobenzidine
 Concen: 41.40 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.5	77.3
126	15.6	15.8	23.8

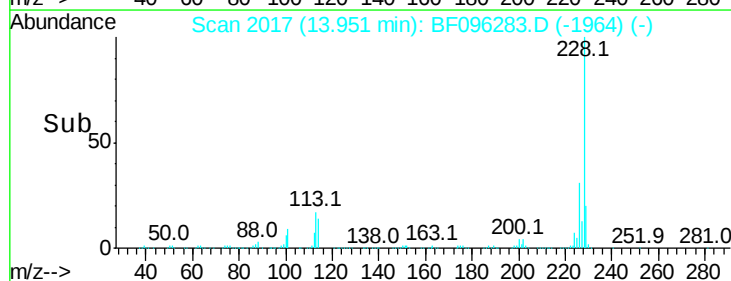
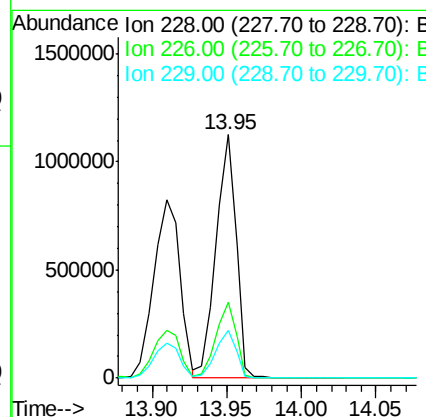
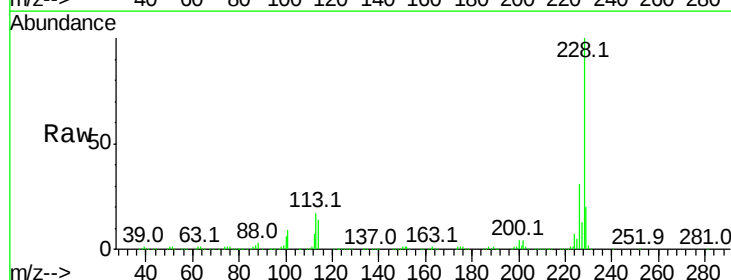
Manual Integrations
 APPROVED

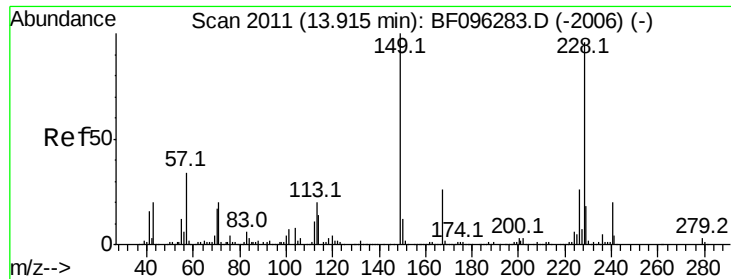
mohammad
 6/30/2017 2:51:39 PM



#82
 Chrysene
 Concen: 37.31 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.8	15.8	23.6





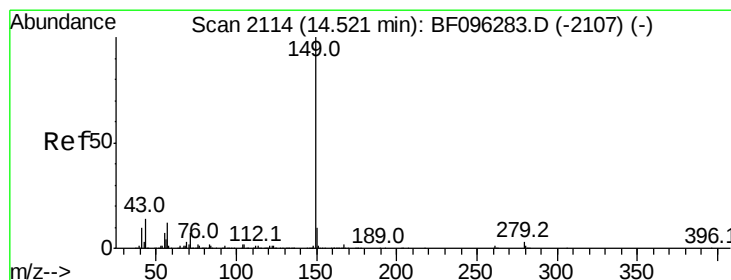
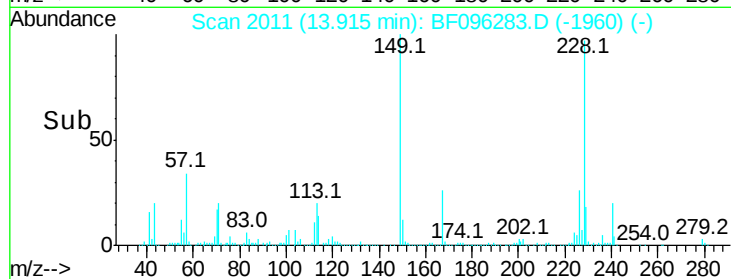
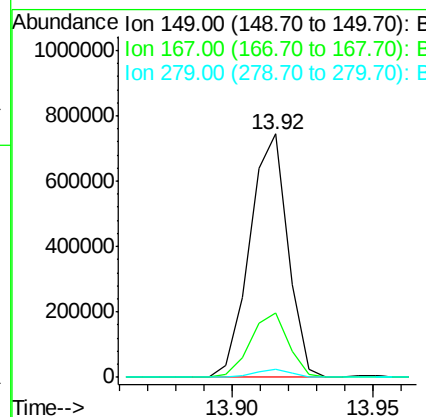
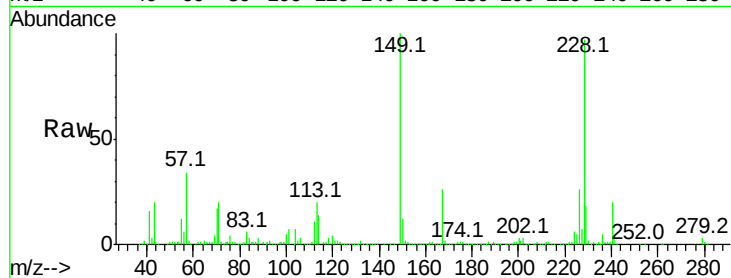
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.93 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.5	21.0	31.4	
279	3.4	1.9	2.9#	

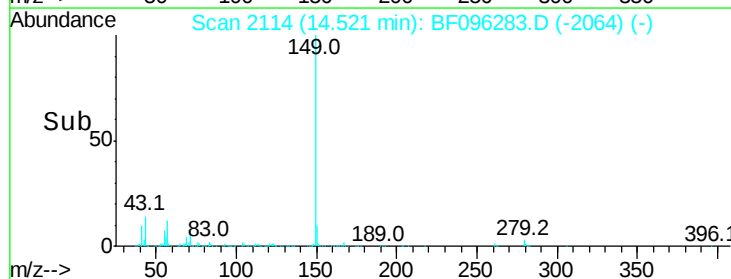
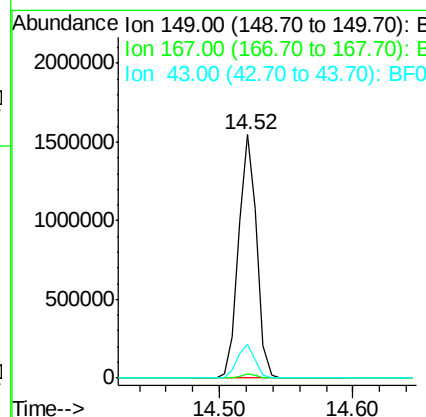
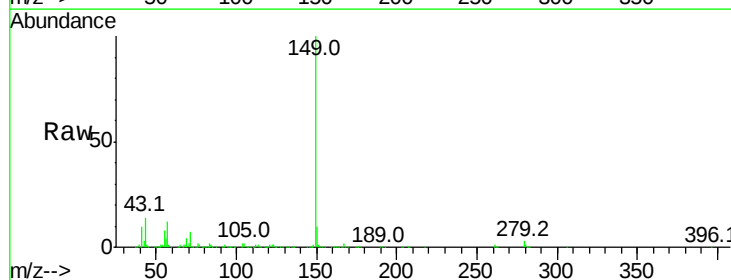
Manual Integrations
 APPROVED

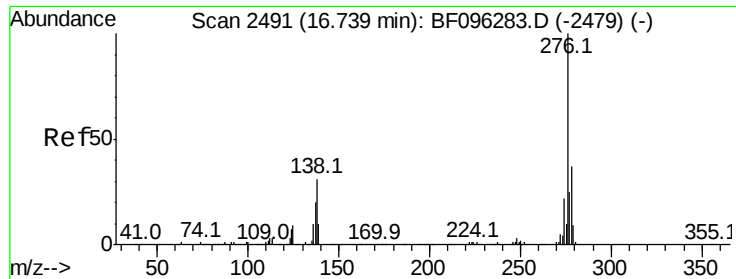
mohammad
 6/30/2017 2:51:39 PM



#84
 Di-n-octyl phthalate
 Concen: 38.66 ng
 RT: 14.52 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	13.7	8.5	12.7#	





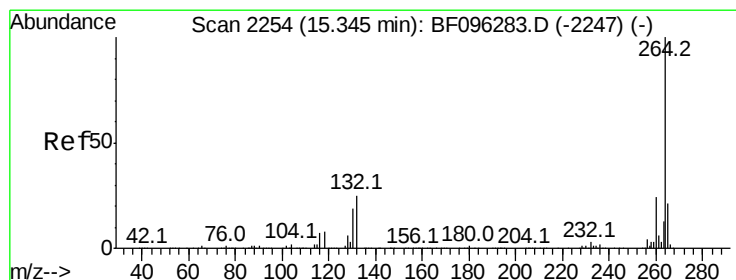
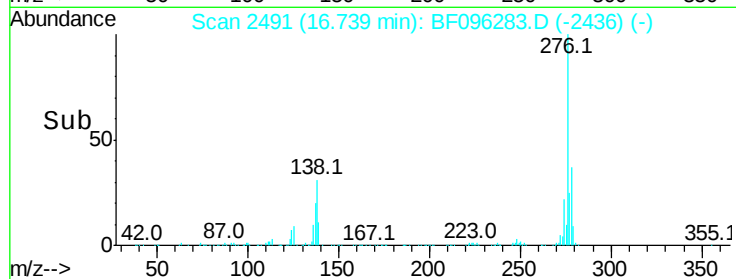
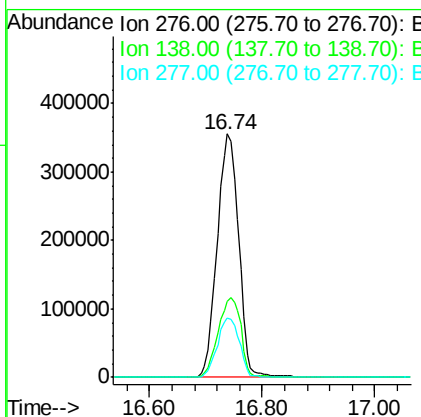
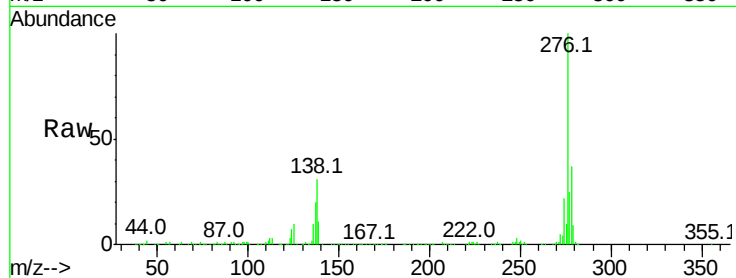
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.00 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.1	20.2	30.4

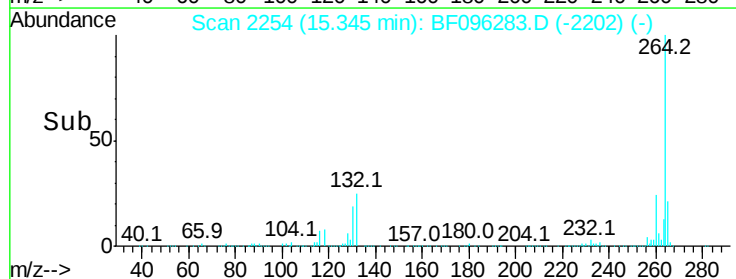
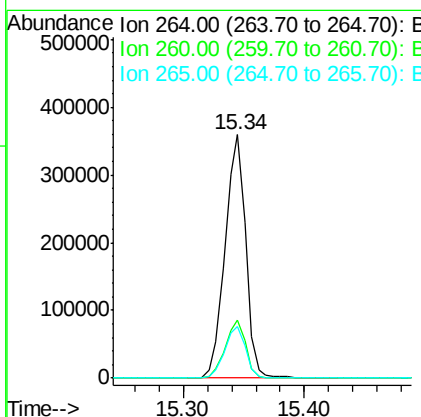
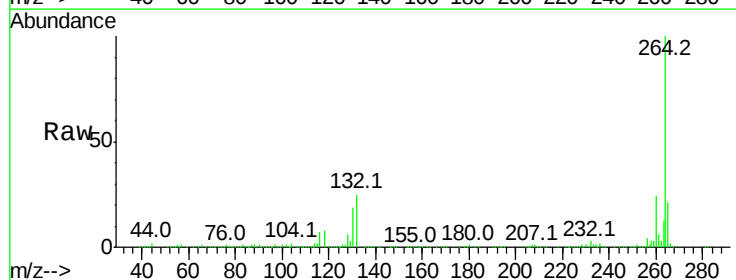
Manual Integrations
APPROVED

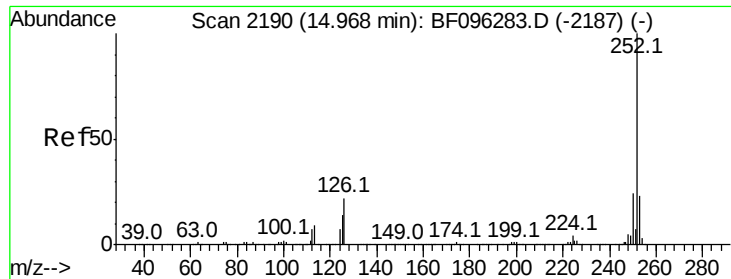
mohammad
6/30/2017 2:51:39 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.4	17.2	25.8





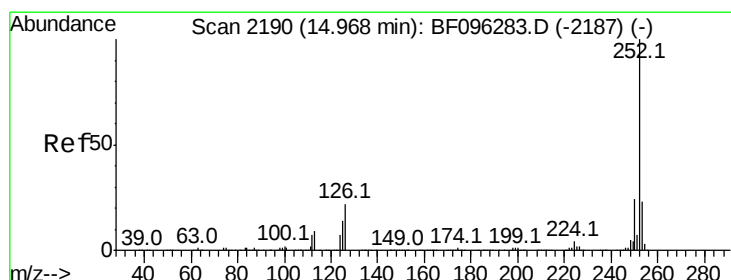
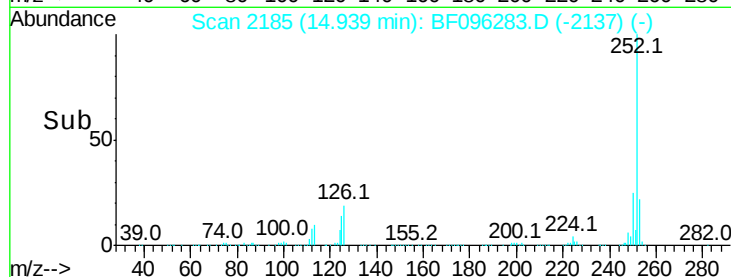
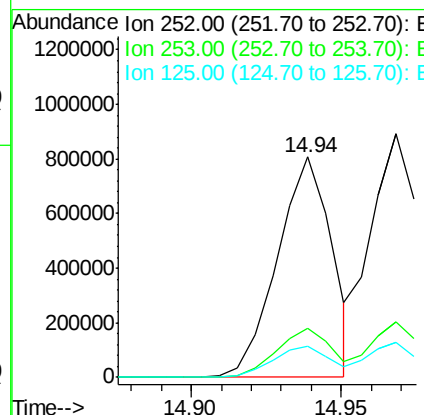
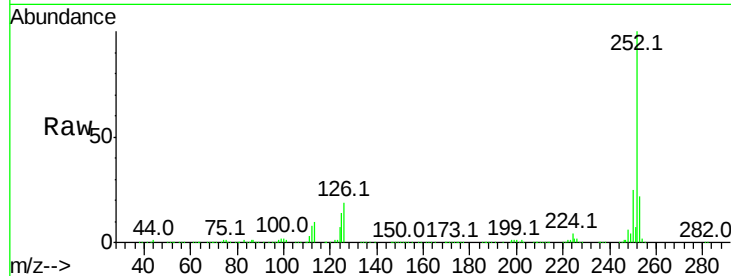
#87
Benzo(b)fluoranthene
Concen: 36.38 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1017710
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 14.2 9.8 14.8

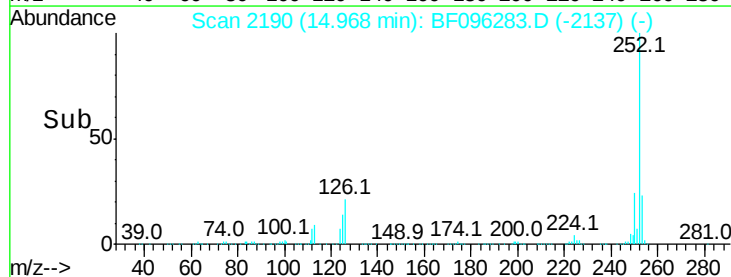
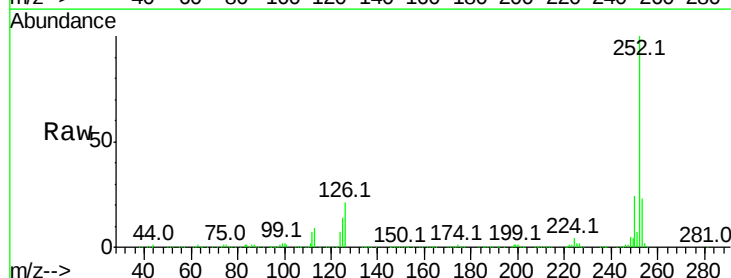
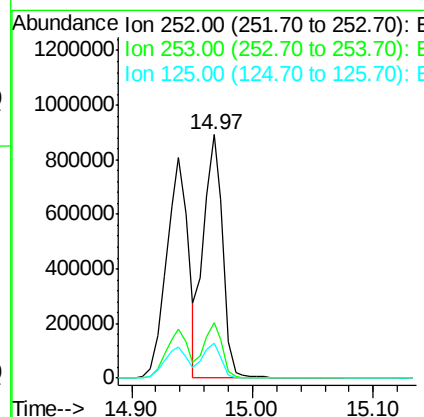
Manual Integrations
APPROVED

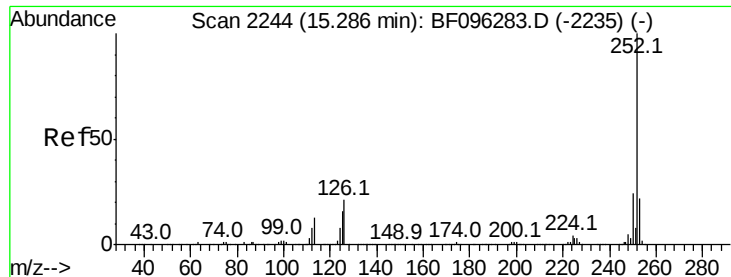
mohammad
6/30/2017 2:51:39 PM



#88
Benzo(k)fluoranthene
Concen: 38.35 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion:252 Resp: 979542
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 14.3 13.1 19.7





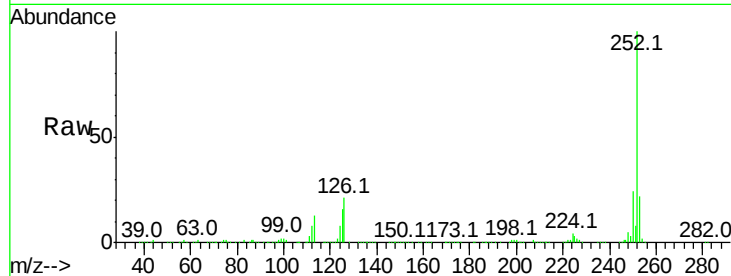
#89
Benzo(a)pyrene
Concen: 38.17 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

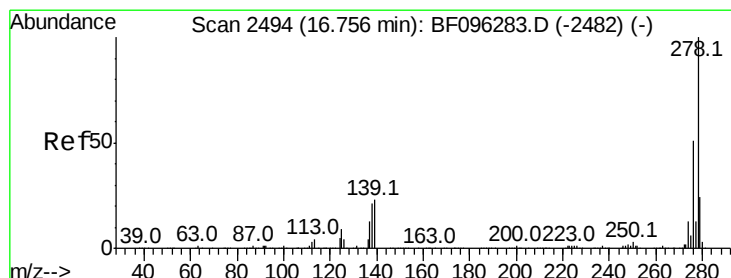
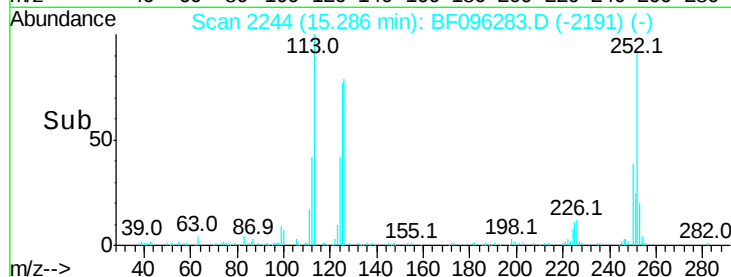
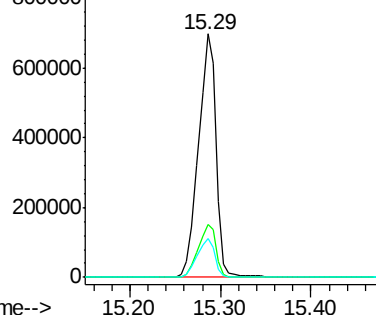
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	16.0	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/30/2017 2:51:39 PM



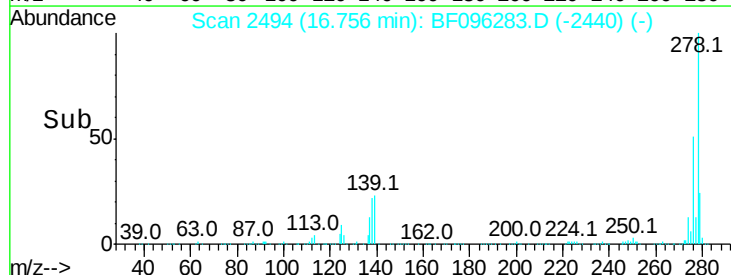
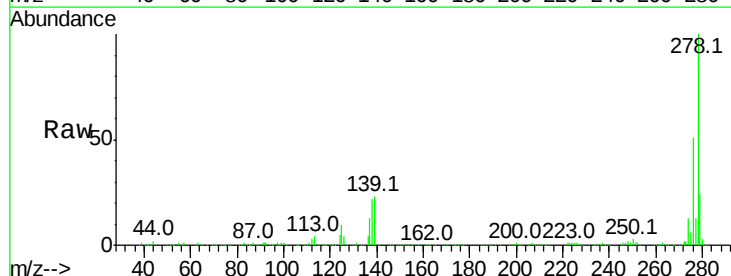
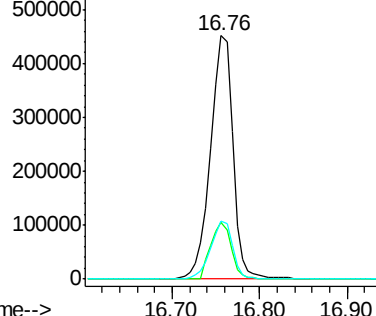
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

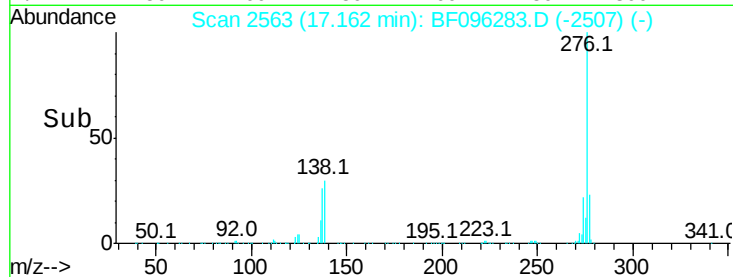
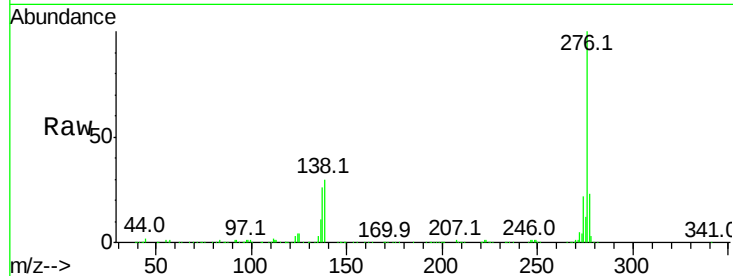
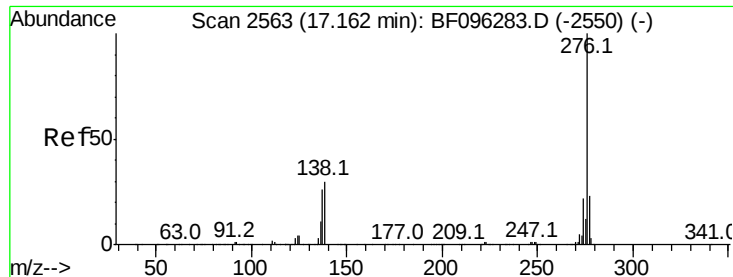


#90
Dibenzo(a,h)anthracene
Concen: 40.42 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF096283.D
Acq: 29 Jun 2017 11:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.6	24.8
279	23.6	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 40.08 ng
 RT: 17.16 min Scan# 2563
 Delta R.T. 0.03 min
 Lab File: BF096283.D
 Acq: 29 Jun 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	30.2	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:51:39 PM

