

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096119.D
 Acq On : 22 Jun 2017 13:35
 Operator : SJ/MA
 Sample : I3759-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:27:23 AM

Quant Time: Jun 22 16:43:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	85038	20.00	ng	-0.02
21) Naphthalene-d8	9.30	136	393071	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	157332	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	323194	20.00	ng	-0.01
75) Chrysene-d12	18.26	240	212988	20.00	ng	-0.01
86) Perylene-d12	19.94	264	74938	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	784346	146.97	ng	0.02
7) Phenol-d6	6.86	99	892953	139.77	ng	-0.02
23) Nitrobenzene-d5	8.20	82	526240	83.15	ng	-0.02
41) 2,4,6-Tribromophenol	13.44	330	211821	152.17	ng	-0.01
44) 2-Fluorobiphenyl	11.09	172	991259	87.68	ng	-0.02
78) Terphenyl-d14	16.92	244	954813	111.25	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.78	88	96202	37.89	ng	# 80
3) Pyridine	2.40	79	159224m	26.68	ng	
4) n-Nitrosodimethylamine	2.26	42	99195	43.73	ng	# 91
6) Aniline	6.80	93	39412	4.72	ng	97
8) 2-Chlorophenol	6.97	128	278342	49.05	ng	98
9) Benzaldehyde	6.60	77	86441	20.06	ng	96
10) Phenol	6.87	94	297041	44.82	ng	95
11) bis(2-Chloroethyl)ether	6.92	93	240994	45.90	ng	97
12) 1,3-Dichlorobenzene	7.17	146	267702	41.68	ng	98
13) 1,4-Dichlorobenzene	7.30	146	282594	43.39	ng	97
14) 1,2-Dichlorobenzene	7.53	146	262039	43.64	ng	95
15) Benzyl Alcohol	7.60	79	153642	35.04	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.77	45	385068	52.20	ng	97
17) 2-Methylphenol	7.83	107	227467	47.77	ng	93
18) Hexachloroethane	8.05	117	91398	42.49	ng	# 84
19) n-Nitroso-di-n-propylamine	8.02	70	183674	45.36	ng	93
20) 3+4-Methylphenols	8.10	107	279816	46.29	ng	# 60
22) Acetophenone	7.97	105	364317	39.60	ng	# 84
24) Nitrobenzene	8.23	77	262810	38.87	ng	95
25) Isophorone	8.63	82	528043	44.68	ng	95
26) 2-Nitrophenol	8.74	139	161972	45.75	ng	98
27) 2,4-Dimethylphenol	8.90	122	261097	47.52	ng	96
28) bis(2-Chloroethoxy)methane	9.01	93	322285	41.37	ng	99
29) 2,4-Dichlorophenol	9.19	162	251189	47.47	ng	97
30) 1,2,4-Trichlorobenzene	9.24	180	235071	42.69	ng	99
31) Naphthalene	9.34	128	874568	44.33	ng	99
32) Benzoic acid	9.30	122	154594	45.34	ng	97
33) 4-Chloroaniline	9.56	127	23181	3.01	ng	# 86
34) Hexachlorobutadiene	9.56	225	118680	41.72	ng	97
35) Caprolactam	10.16	113	67447m	42.84	ng	
36) 4-Chloro-3-methylphenol	10.40	107	228022	41.17	ng	88
37) 2-Methylnaphthalene	10.47	142	549442	41.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.75	216	225844	47.96	ng	99
40) Hexachlorocyclopentadiene	10.72	237	99963	69.45	ng	99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096119.D
 Acq On : 22 Jun 2017 13:35
 Operator : SJ/MA
 Sample : I3759-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

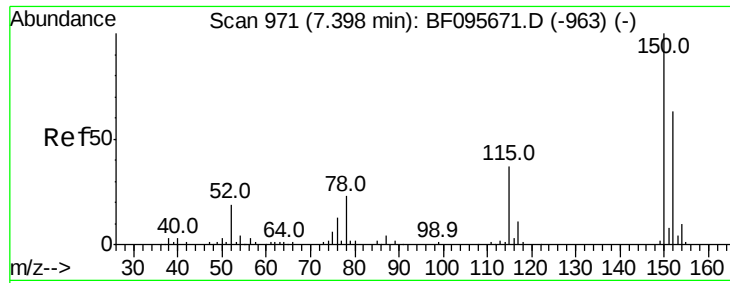
Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:27:23 AM

Quant Time: Jun 22 16:43:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.99	196	136332	45.03	nq	99
43) 2,4,5-Trichlorophenol	11.10	196	132576	41.17	nq	95
45) 1,1'-Biphenyl	11.24	154	575572	44.39	nq	98
46) 2-Chloronaphthalene	11.25	162	442093	43.63	nq	94
47) 2-Nitroaniline	11.49	65	121335	40.92	nq	# 80
48) Acenaphthylene	11.90	152	682464	39.39	nq	98
49) Dimethylphthalate	11.80	163	487127	40.78	nq	100
50) 2,6-Dinitrotoluene	11.90	165	112889	43.33	nq	# 72
51) Acenaphthene	12.19	154	433435	43.32	nq	99
52) 3-Nitroaniline	12.20	138	21921	7.22	nq	# 84
53) 2,4-Dinitrophenol	12.40	184	108492	74.06	nq	# 67
54) Dibenzofuran	12.47	168	666274	47.31	nq	99
55) 4-Nitrophenol	12.62	139	97256	56.32	nq	# 81
56) 2,4-Dinitrotoluene	12.58	165	172550	49.03	nq	# 92
57) Fluorene	13.03	166	589569	48.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.73	232	105356	47.82	nq	# 94
59) Diethylphthalate	12.94	149	551952	48.01	nq	100
60) 4-Chlorophenyl-phenylether	13.06	204	261479	49.06	nq	90
61) 4-Nitroaniline	13.17	138	57320	20.22	nq	96
62) Azobenzene	13.32	77	601952	57.77	nq	95
64) 4,6-Dinitro-2-methylphenol	13.25	198	91851	43.24	nq	82
65) n-Nitrosodiphenylamine	13.27	169	228995	19.72	nq	97
66) 4-Bromophenyl-phenylether	13.83	248	155100	46.18	nq	99
67) Hexachlorobenzene	13.92	284	148542	44.88	nq	# 87
68) Atrazine	14.19	200	18555	5.74	nq	96
69) Pentachlorophenol	14.30	266	116131m	91.50	nq	
70) Phenanthrene	14.57	178	805887	43.22	nq	98
71) Anthracene	14.65	178	861641	44.26	nq	98
72) Carbazole	14.96	167	297532	15.68	nq	97
73) Di-n-butylphthalate	15.55	149	998545	49.47	nq	98
74) Fluoranthene	16.36	202	829781	44.96	nq	98
77) Pyrene	16.66	202	813655	51.20	nq	99
79) Butylbenzylphthalate	17.59	149	349398	50.34	nq	# 85
80) Benzo(a)anthracene	18.25	228	558953	45.14	nq	99
82) Chrysene	18.30	228	578186	46.72	nq	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	529605	54.09	nq	# 100
84) Di-n-octyl phthalate	19.11	149	771329	47.81	nq	96
85) Indeno(1,2,3-cd)pyrene	21.09	276	469641	44.35	nq	99
87) Benzo(b)fluoranthene	19.53	252	442996	94.41	nq	98
88) Benzo(k)fluoranthene	19.56	252	447014	99.67	nq	# 95
89) Benzo(a)pyrene	19.88	252	388606	90.10	nq	98
90) Dibenzo(a,h)anthracene	21.09	278	416033	113.72	nq	98
91) Benzo(g,h,i)perylene	21.42	276	349347	93.67	nq	98

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



#1

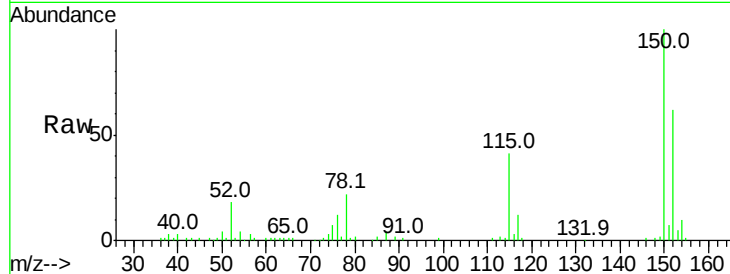
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

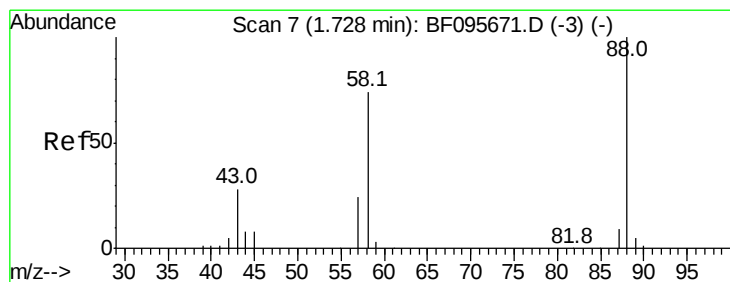
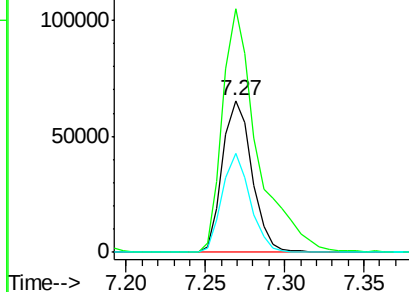
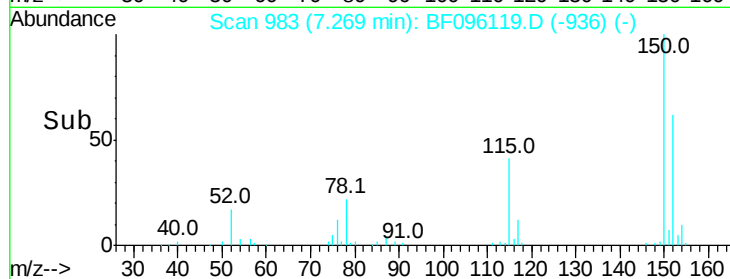
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.2	189.2
115	65.2	52.2	78.2

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



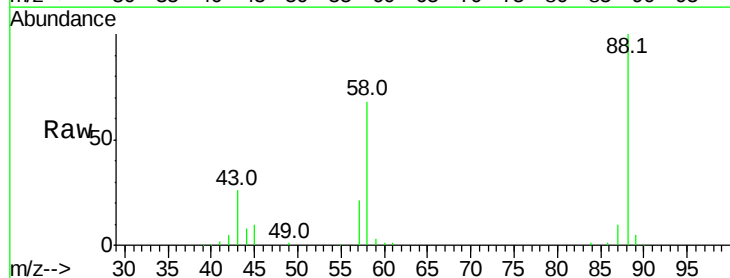
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



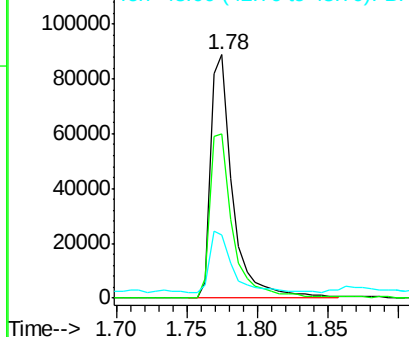
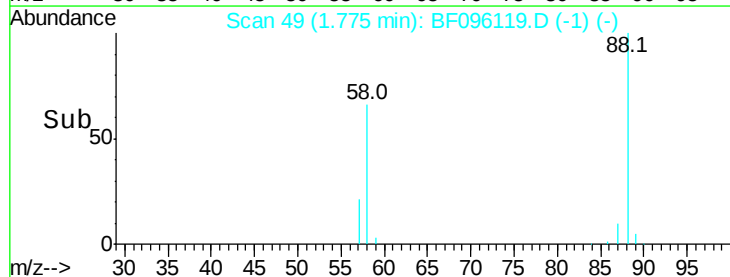
#2

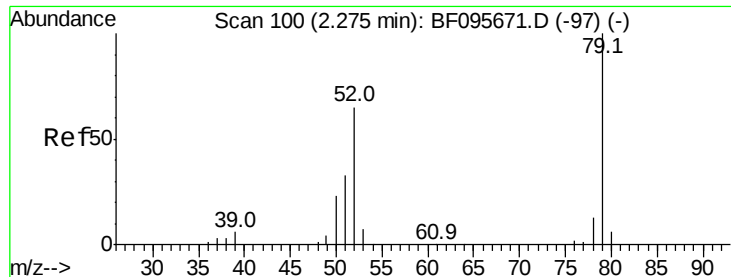
1,4-Dioxane
Concen: 37.89 ng
RT: 1.78 min Scan# 49
Delta R.T. 0.16 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	61.4	92.0
43	0.0	23.4	35.0



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





#3

Pvridine

Concen: 26.68 ng/ml

RT: 2.40 min Scan# 156

Delta R.T. 0.27 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

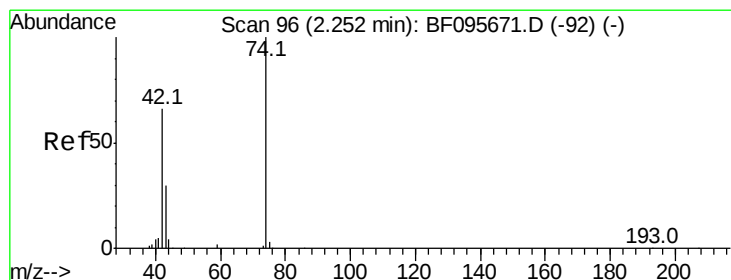
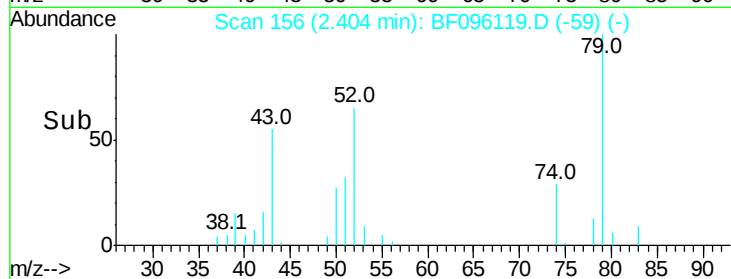
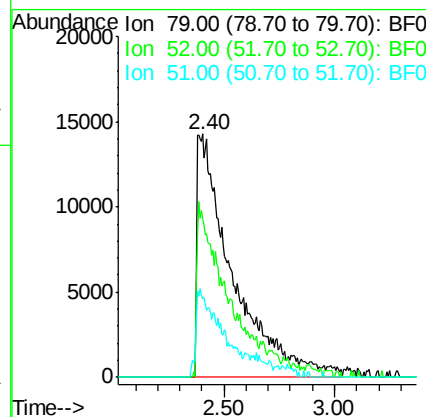
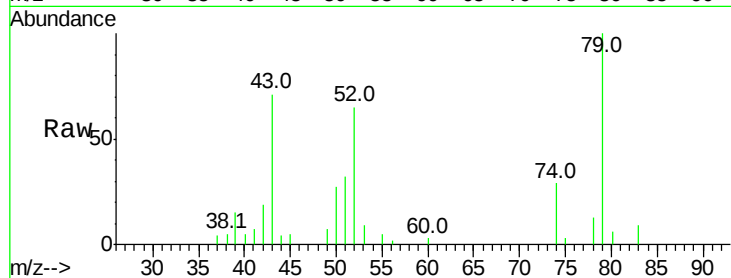
ClientSampleId :

SU-02-061617MSD

Tot Ion:	79	Resp:	159224
Ion Ratio	Lower	Upper	
79	100		
52	64.8	54.8	82.2
51	32.2	27.0	40.4

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#4

n-Nitrosodimethylamine

Concen: 43.73 ng/ml

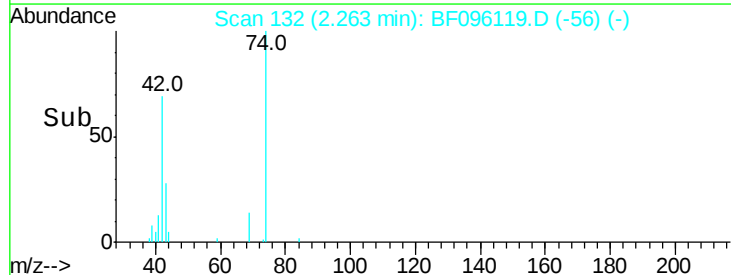
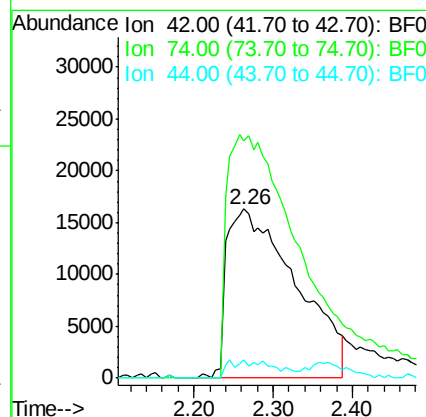
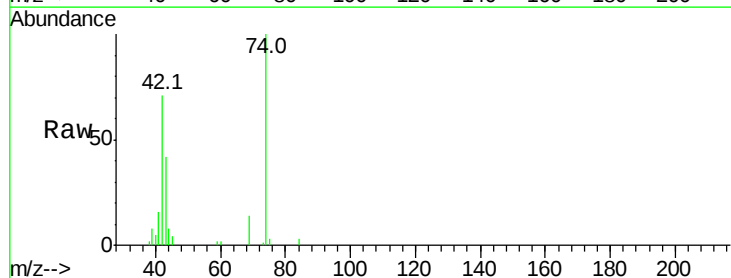
RT: 2.26 min Scan# 132

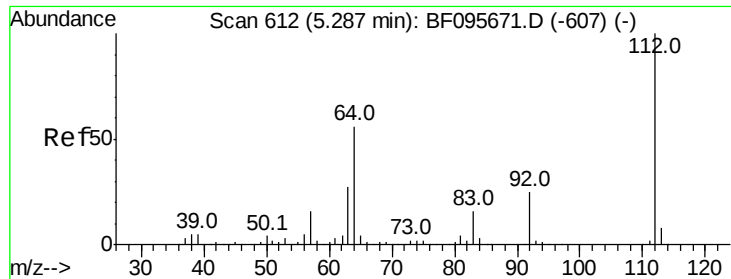
Delta R.T. 0.15 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:	42	Resp:	99195
Ion Ratio	Lower	Upper	
42	100		
74	140.2	103.9	155.9
44	10.5	5.7	8.5#





#5

2-Fluorophenol

Concen: 146.97 ng

RT: 5.20 min Scan# 632

Delta R.T. 0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

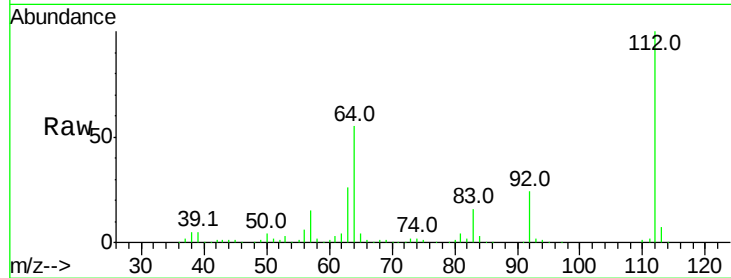
ClientSampleId :

SU-02-061617MSD

Tot Ion:	112	Resp:	784346
Ion Ratio	Lower	Upper	
112	100		
64	54.6	46.0	69.0
63	26.3	23.4	35.0

Manual Integrations
APPROVED

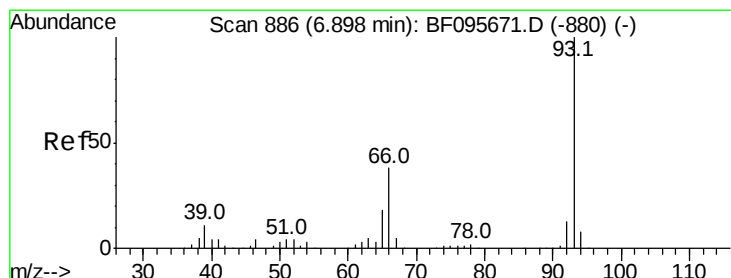
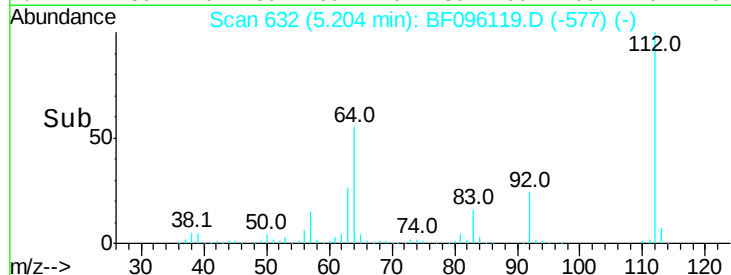
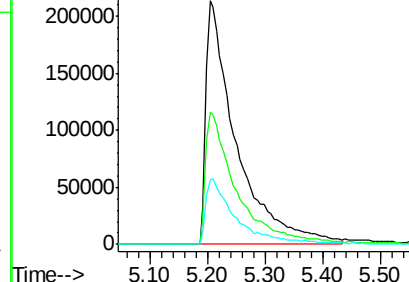
mohammad
6/26/2017 8:27:23 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.72 ng

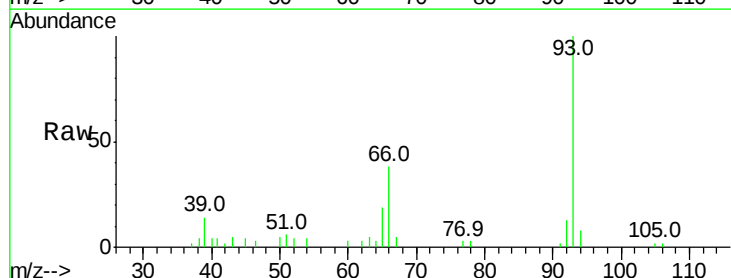
RT: 6.80 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

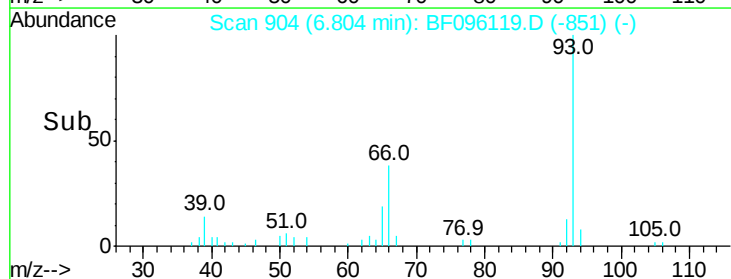
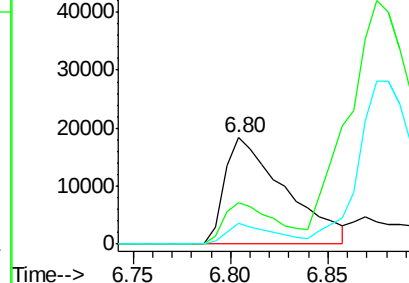
Tgt Ion:	93	Resp:	39412
Ion Ratio	Lower	Upper	
93	100		
66	38.4	32.9	49.3
65	19.2	16.0	24.0

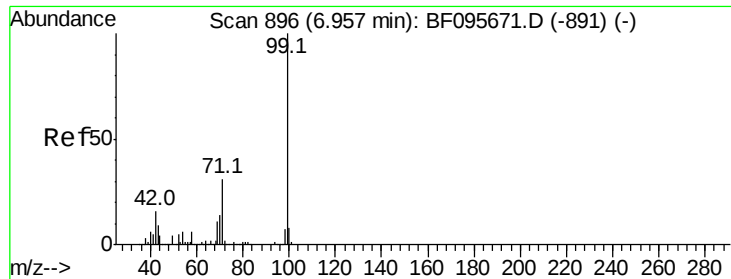


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.77 ng

RT: 6.86 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

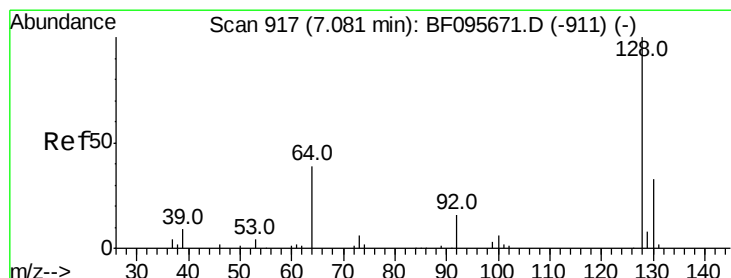
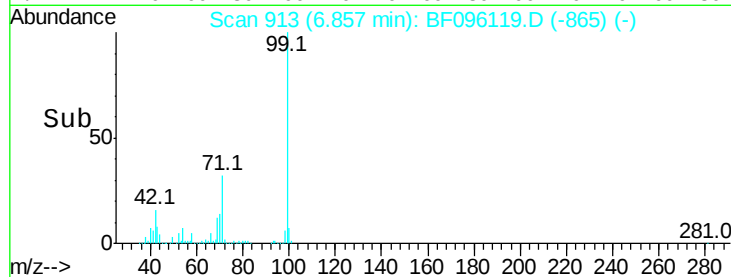
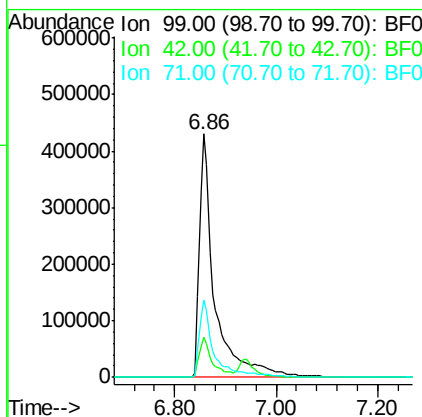
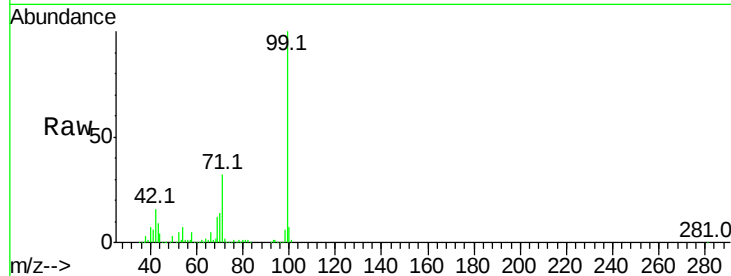
ClientSampleId :

SU-02-061617MSD

Tot Ion:	99	Resp:	892953
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	31.9	24.5	36.7

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#8

2-Chlorophenol

Concen: 49.05 ng

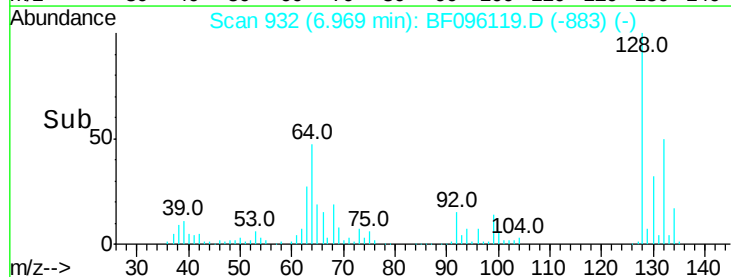
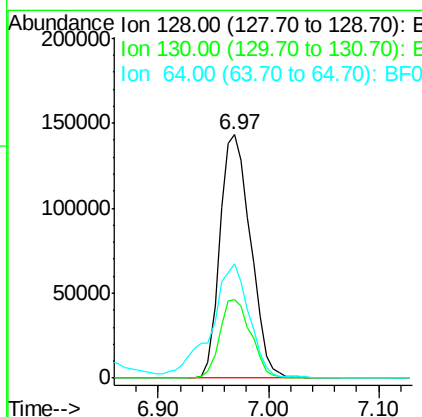
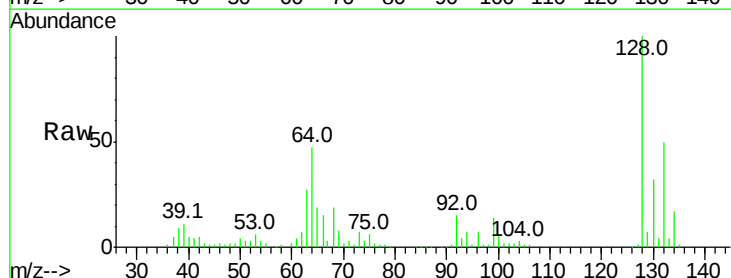
RT: 6.97 min Scan# 932

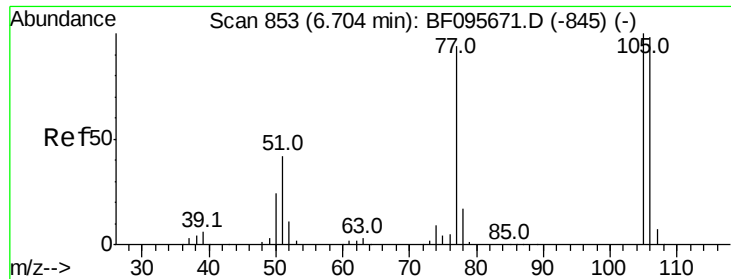
Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:	128	Resp:	278342
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.9	52.9
64	47.1	28.4	68.4





#9

Benzaldehyde

Concen: 20.06 ng

RT: 6.60 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

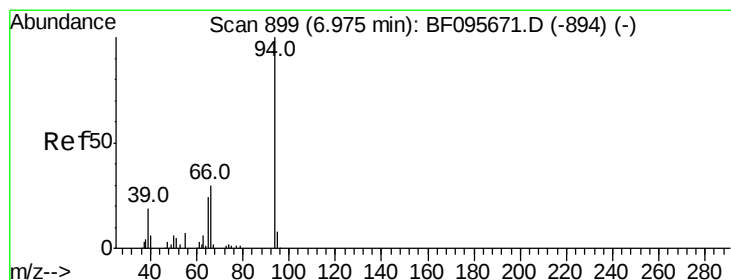
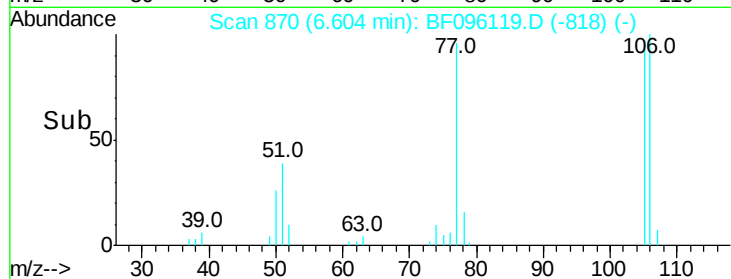
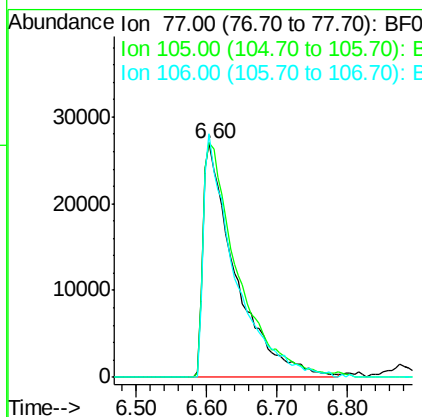
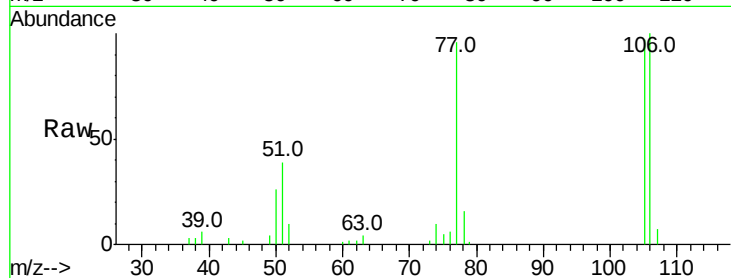
ClientSampleId :

SU-02-061617MSD

Tot Ion:	77	Resp:	86441
Ion	Ratio	Lower	Upper
77	100		
105	100.4	83.8	123.8
106	104.0	79.1	119.1

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#10

Phenol

Concen: 44.82 ng

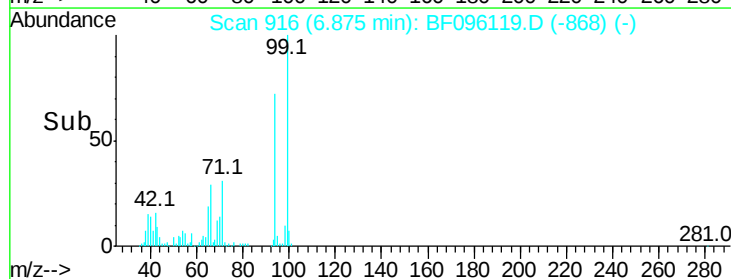
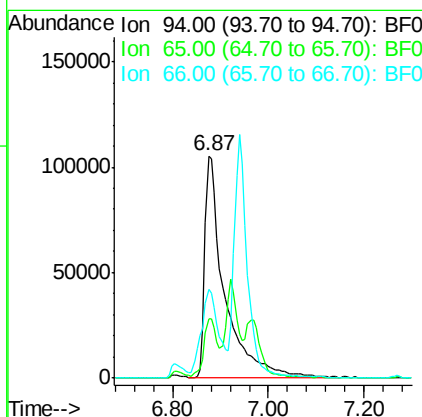
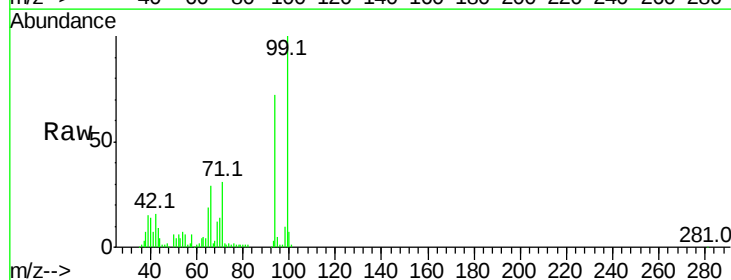
RT: 6.87 min Scan# 916

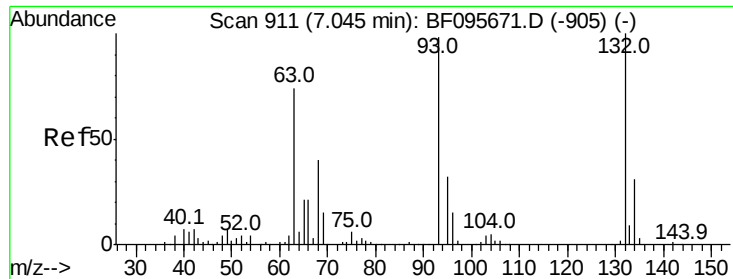
Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:	94	Resp:	297041
Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.9	49.9
66	39.9	23.1	63.1





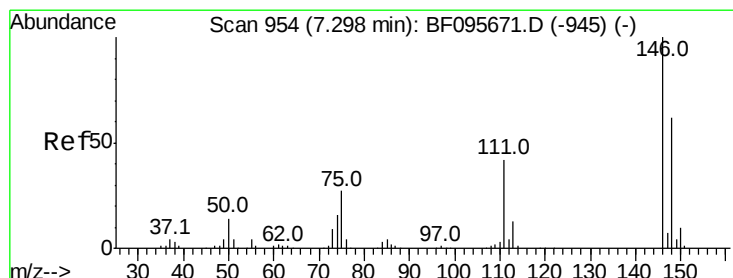
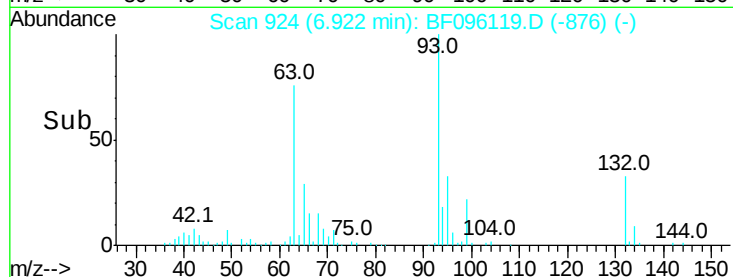
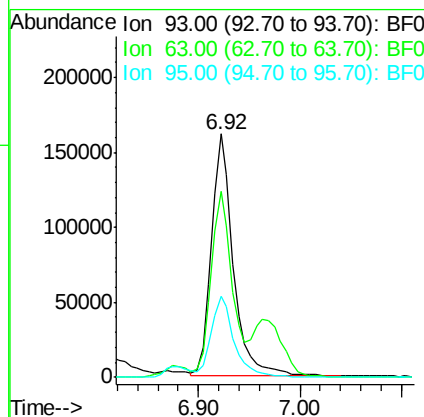
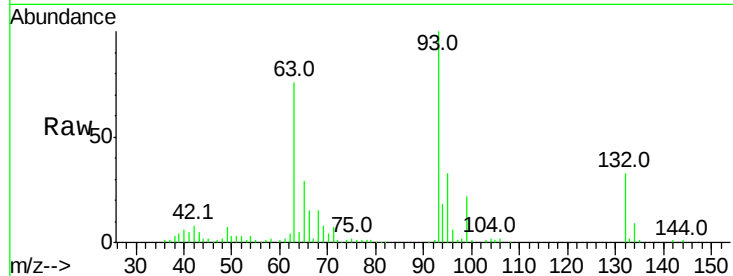
#11
bis(2-Chloroethyl)ether
Concen: 45.90 ng
RT: 6.92 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	240994		
63	76.2	59.2	99.2	
95	33.2	12.8	52.8	

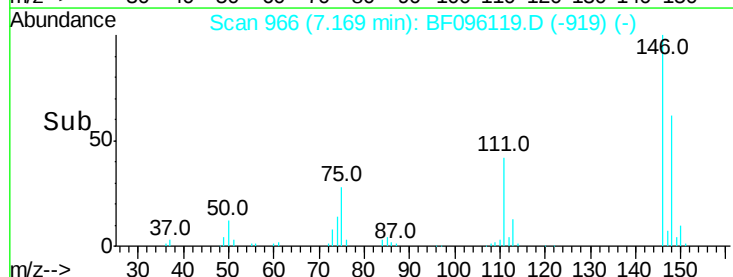
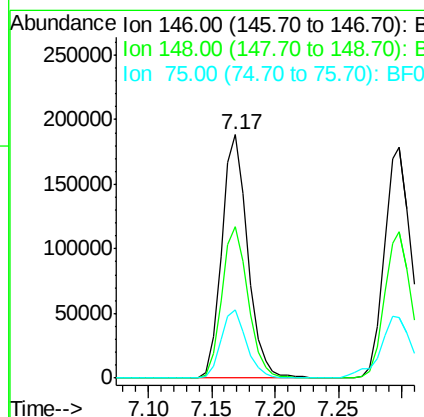
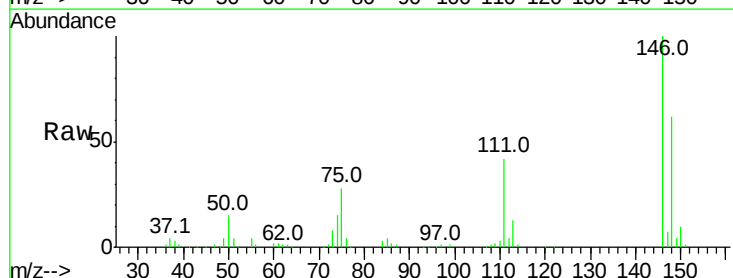
Manual Integrations
APPROVED

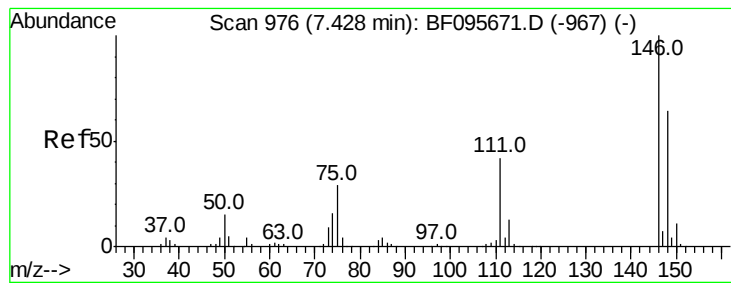
mohammad
6/26/2017 8:27:23 AM



#12
1,3-Dichlorobenzene
Concen: 41.68 ng
RT: 7.17 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	267702		
148	62.4	51.8	77.6	
75	28.2	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 43.39 ng

RT: 7.30 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

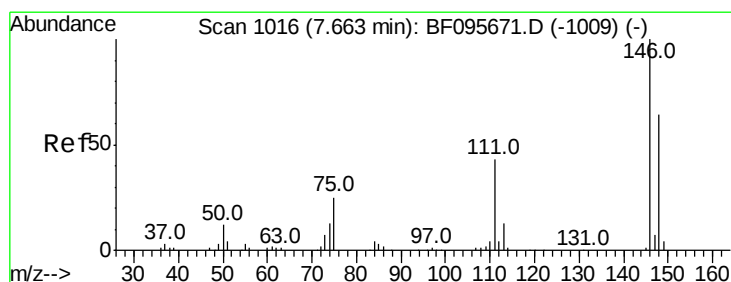
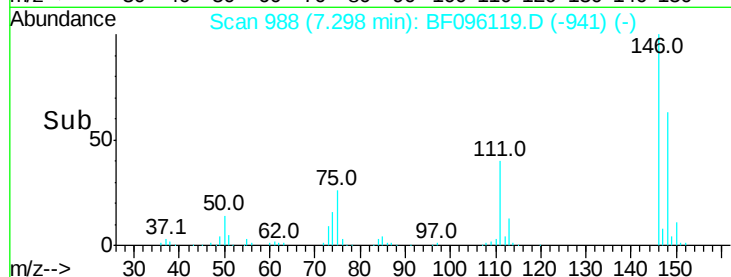
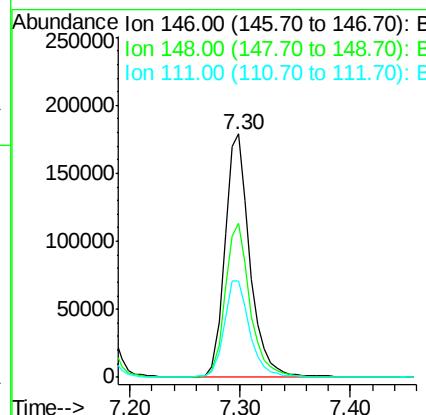
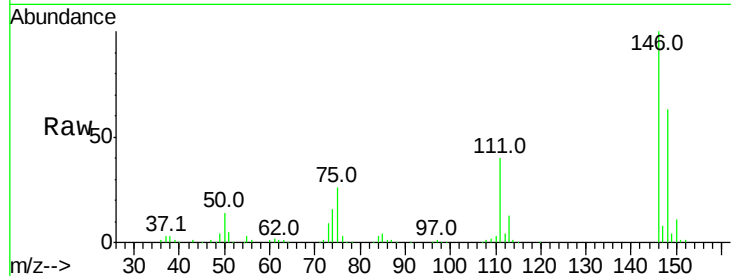
ClientSampleId :

SU-02-061617MSD

Tot Ion:	146	Resp:	282594
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.2	78.2
111	39.7	30.3	45.5

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#14

1,2-Dichlorobenzene

Concen: 43.64 ng

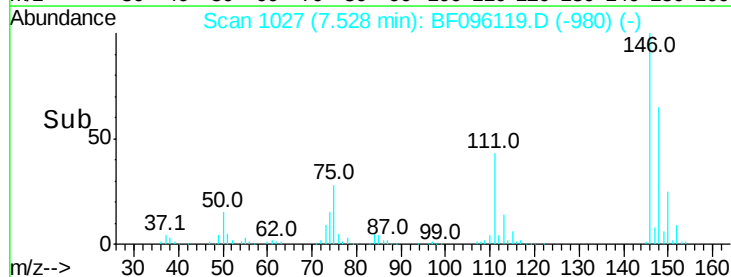
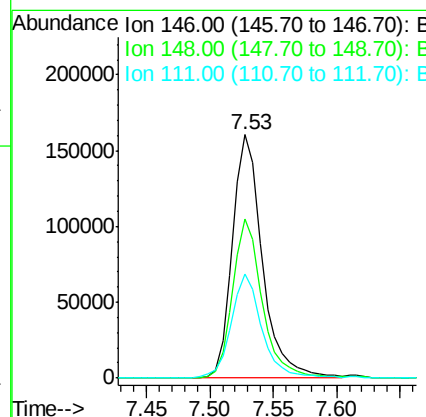
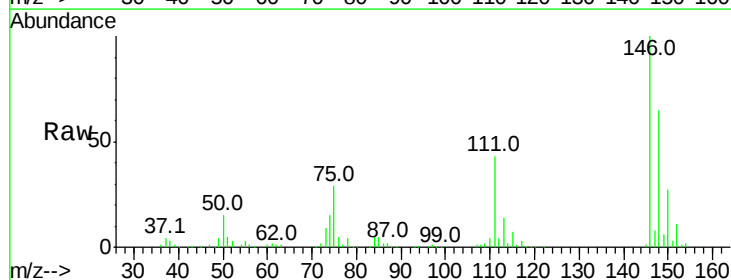
RT: 7.53 min Scan# 1027

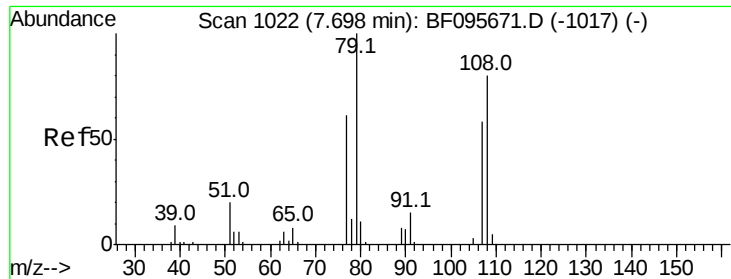
Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:	146	Resp:	262039
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.4	75.6
111	42.7	38.2	57.4





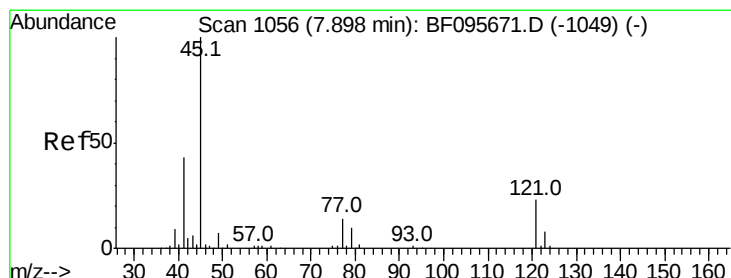
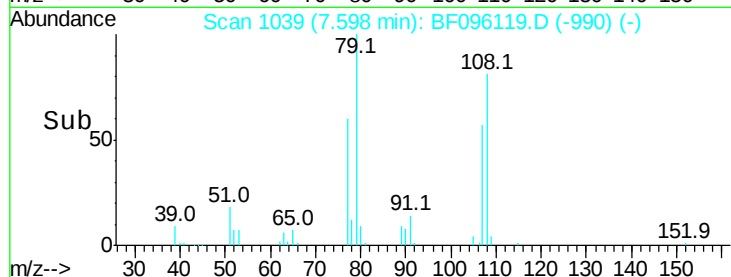
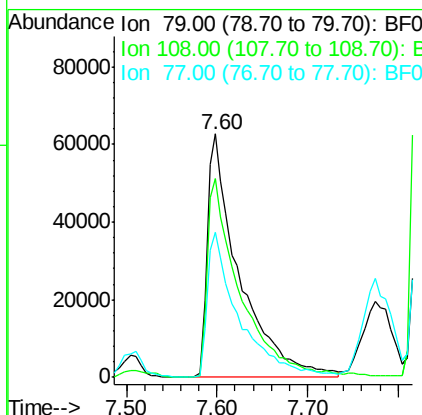
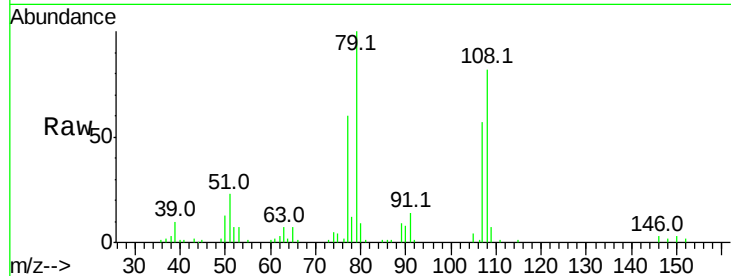
#15
Benzyl Alcohol
Concen: 35.04 ng
RT: 7.60 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.7	63.4	95.0
77	59.6	49.2	73.8

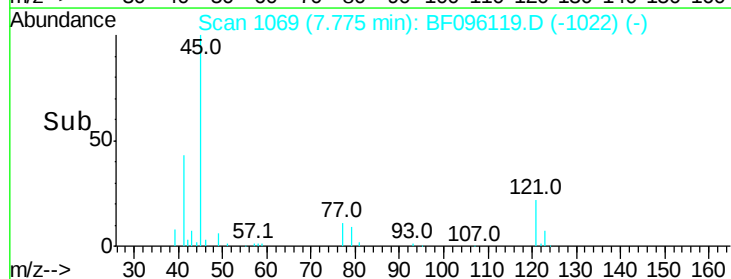
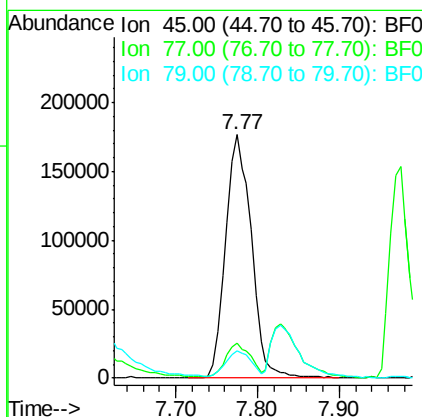
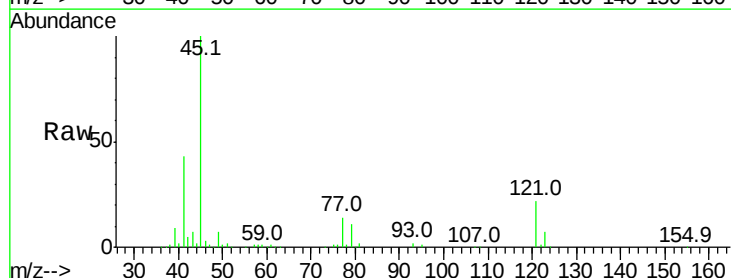
Manual Integrations
APPROVED

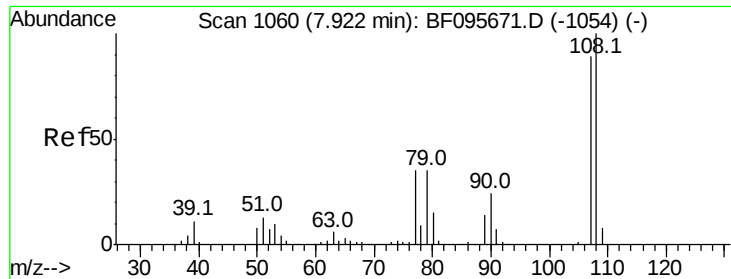
mohammad
6/26/2017 8:27:23 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 52.20 ng
RT: 7.77 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.2
79	11.1	0.0	30.0





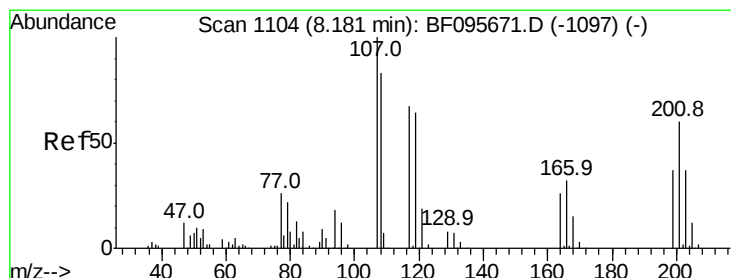
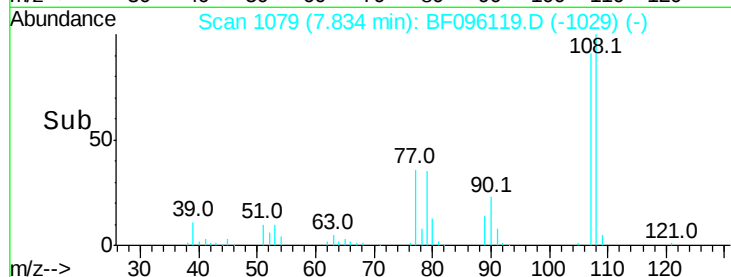
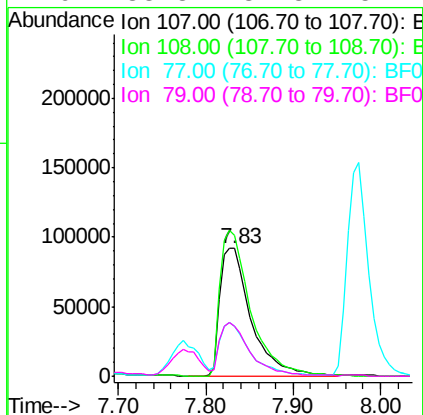
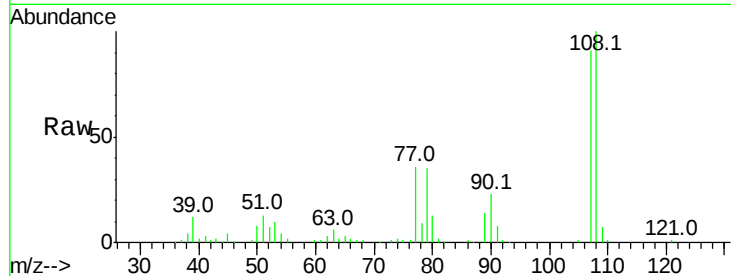
#17
2-Methylphenol
Concen: 47.77 ng
RT: 7.83 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	93.4	140.0	
77	39.5	35.8	53.6	
79	38.8	34.8	52.2	

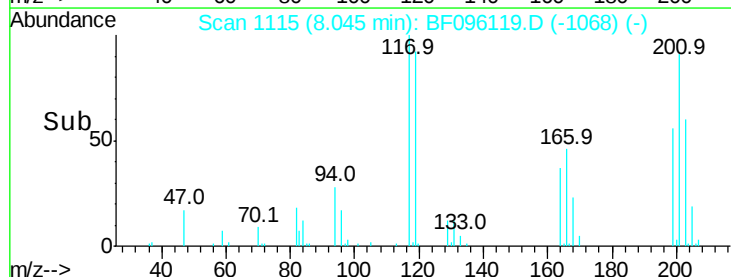
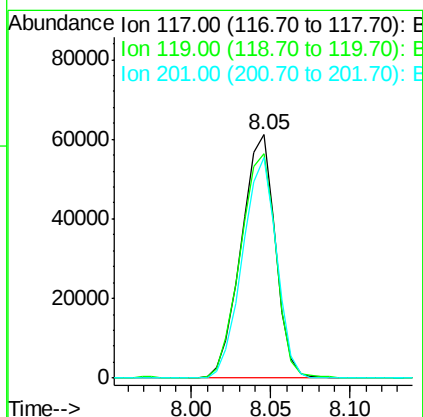
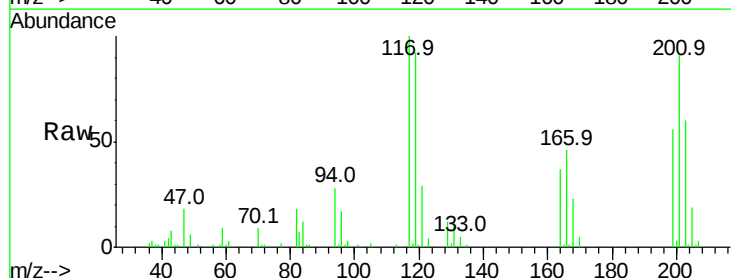
Manual Integrations
APPROVED

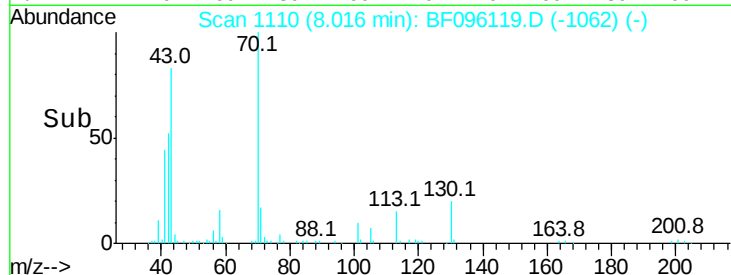
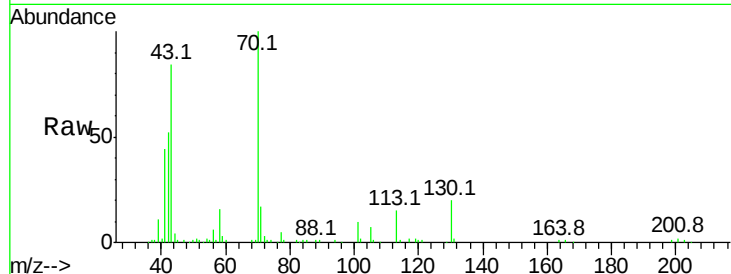
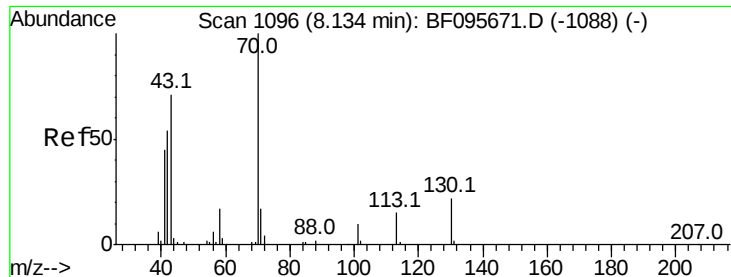
mohammad
6/26/2017 8:27:23 AM



#18
Hexachloroethane
Concen: 42.49 ng
RT: 8.05 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	77.4	116.0	
201	90.7	94.6	141.8#	





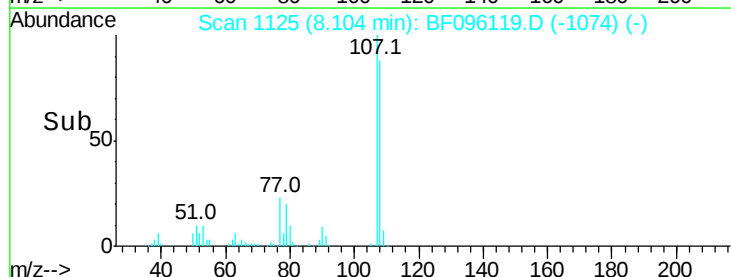
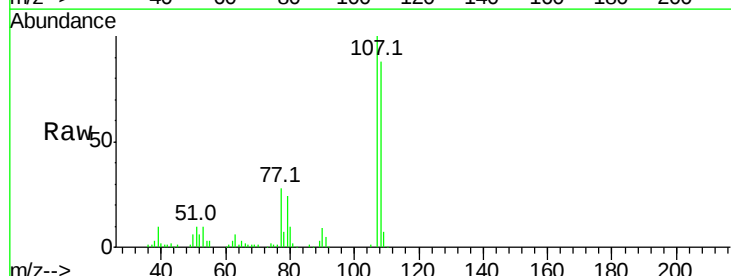
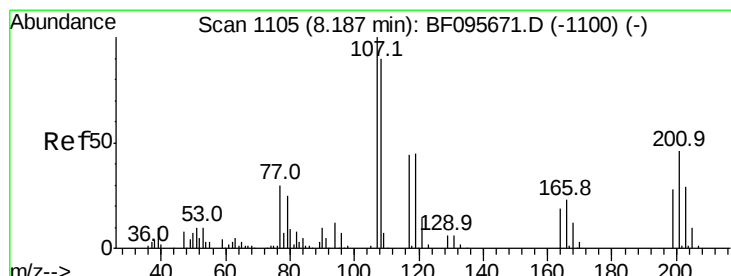
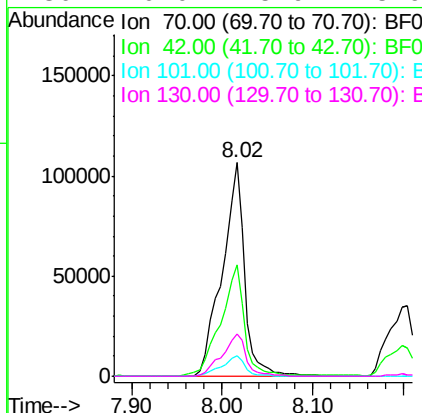
#19
n-Nitroso-di-n-propylamine
Concen: 45.36 ng
RT: 8.02 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	70	Ratio	100	Resp	183674	Lower	Upper
70	100						
42	52.0					47.2	70.8
101	9.6					7.2	10.8
130	20.0					15.9	23.9

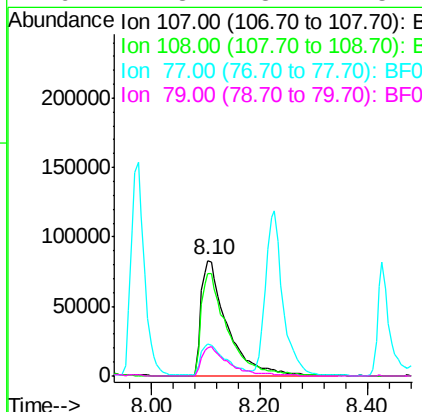
Manual Integrations
APPROVED

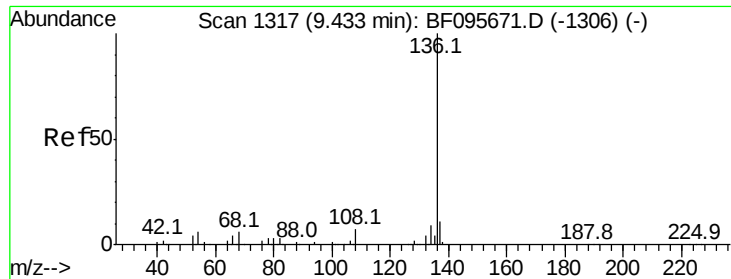
mohammad
6/26/2017 8:27:23 AM



#20
3+4-Methylphenols
Concen: 46.29 ng
RT: 8.10 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	107	Ratio	100	Resp	279816	Lower	Upper
107	100						
108	87.9					71.0	111.0
77	28.2					90.5	130.5#
79	24.3					8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.30 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

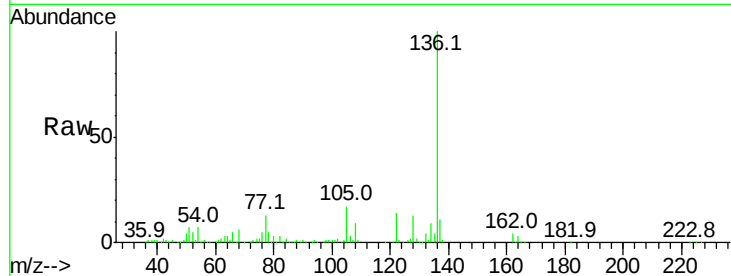
ClientSampleId :

SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	6.9	4.9	7.3	
68	5.9	4.1	6.1	

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM

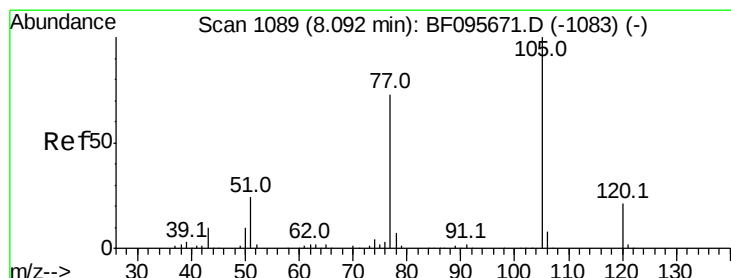
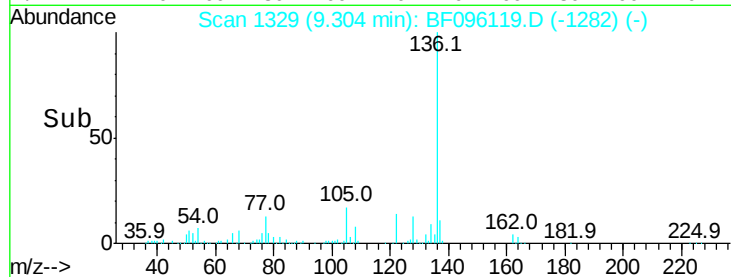
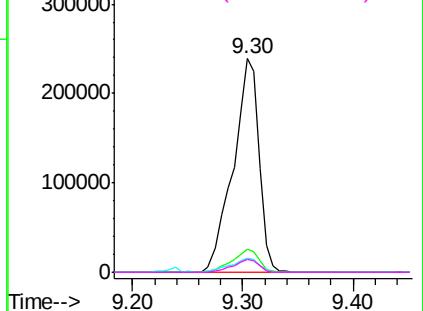


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.60 ng

RT: 7.97 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

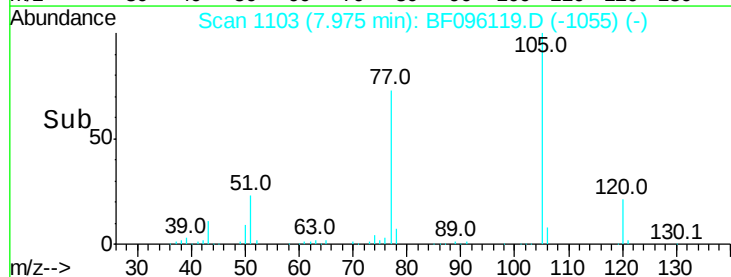
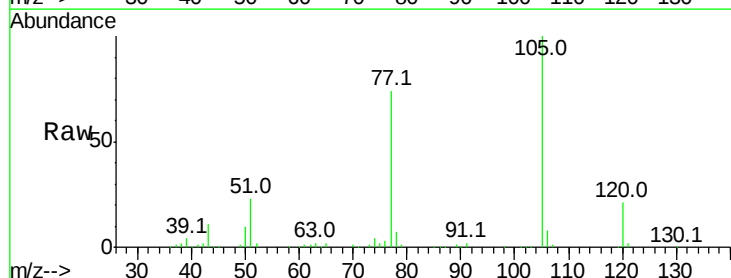
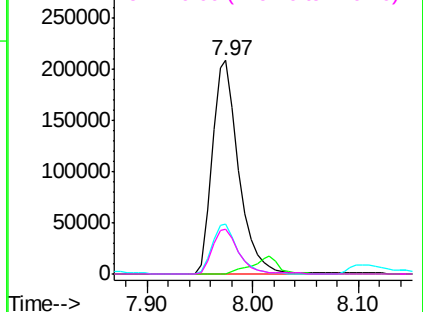
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	2.8	4.2#	
51	23.2	30.7	46.1#	
120	20.8	17.4	26.0	

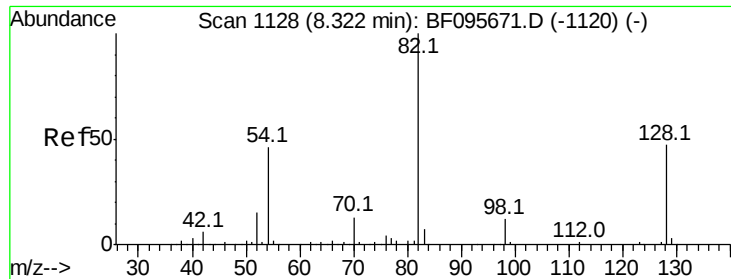
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





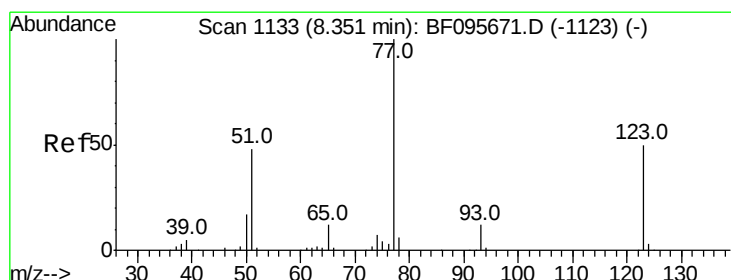
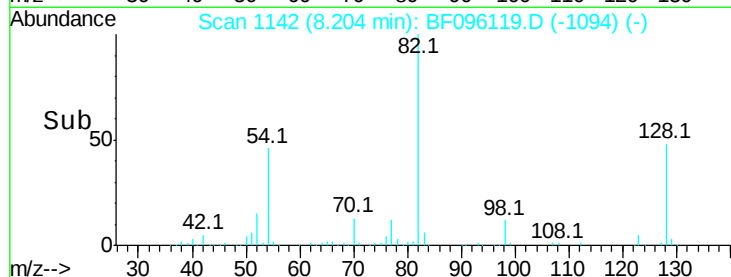
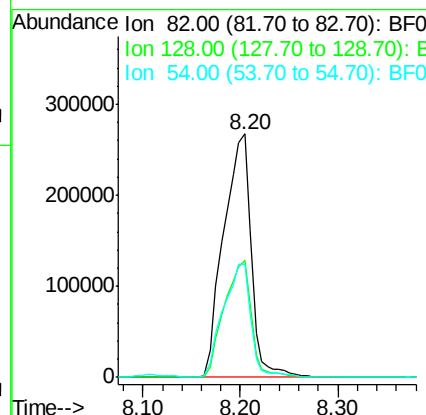
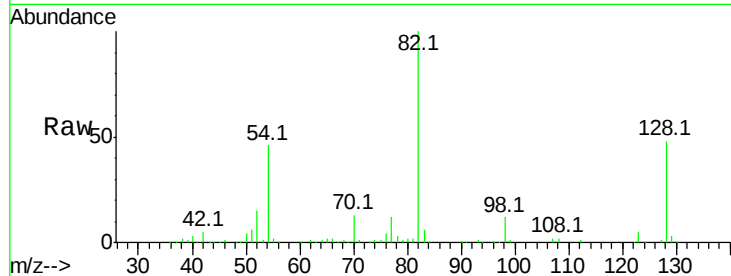
#23
Nitrobenzene-d5
Concen: 83.15 ng
RT: 8.20 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	46.4	42.2	63.2

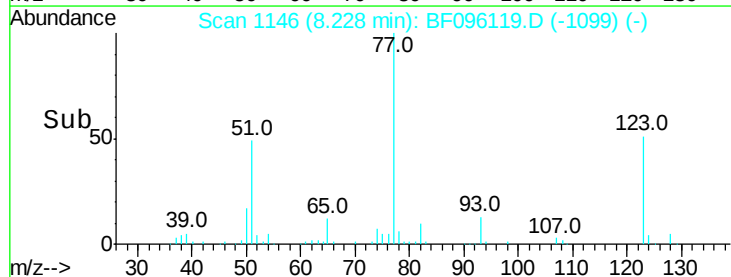
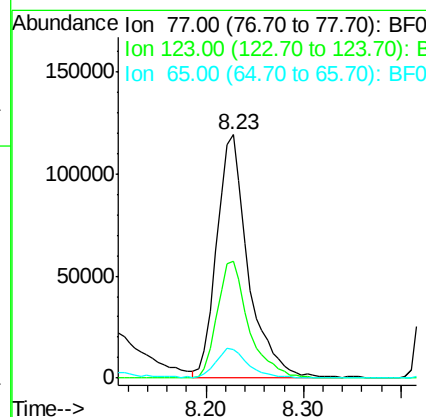
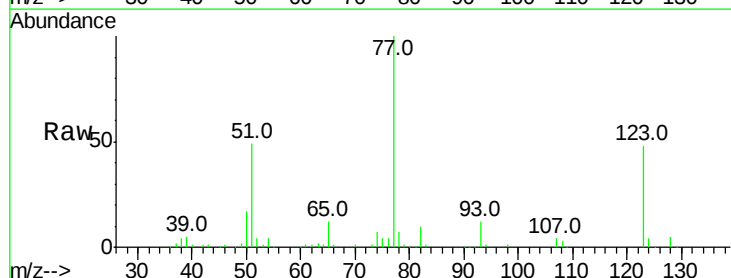
Manual Integrations
APPROVED

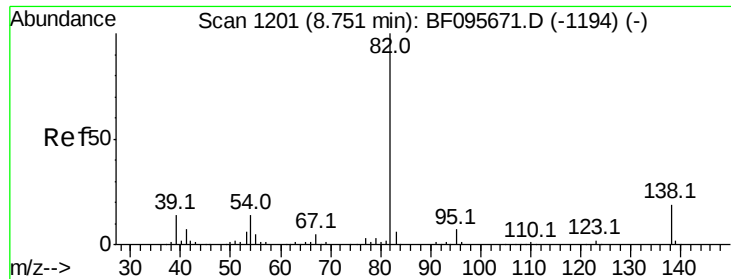
mohammad
6/26/2017 8:27:23 AM



#24
Nitrobenzene
Concen: 38.87 ng
RT: 8.23 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	35.8	53.8
65	11.8	10.6	15.8





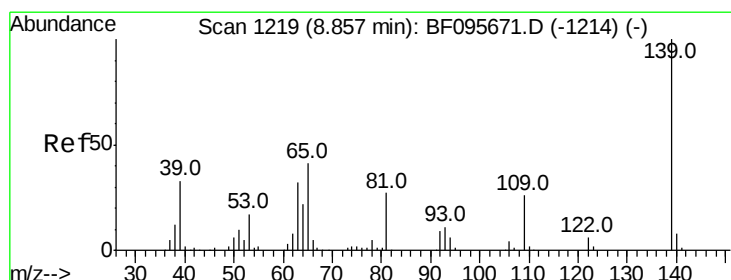
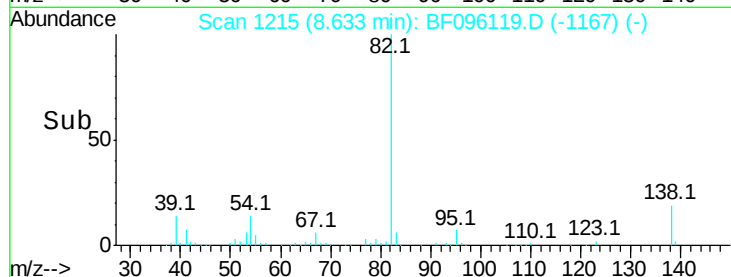
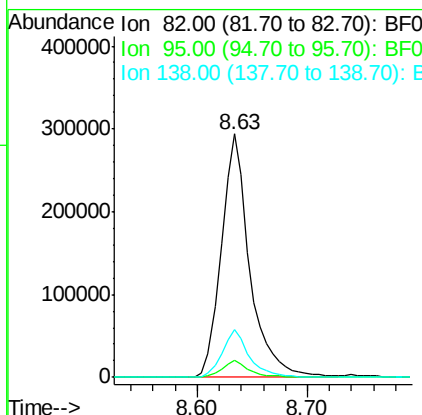
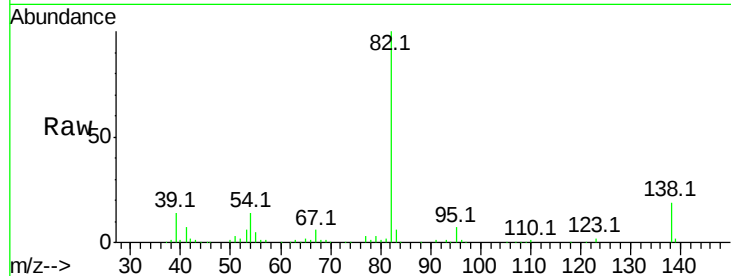
#25
Isophorone
Concen: 44.68 ng
RT: 8.63 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.3	7.9
138	19.4	13.1	19.7

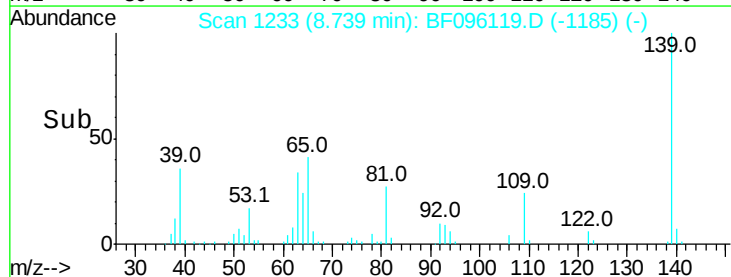
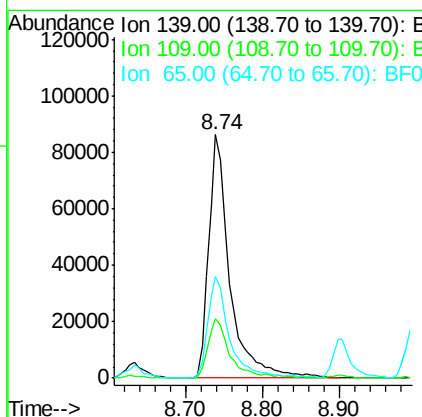
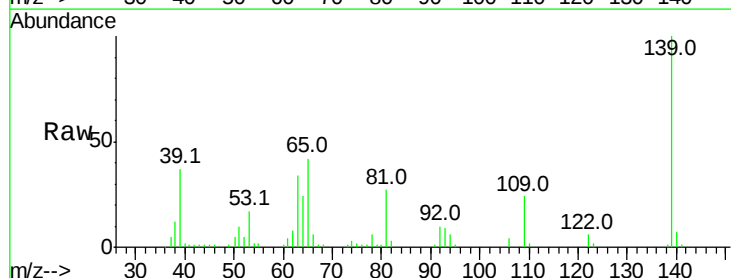
Manual Integrations
APPROVED

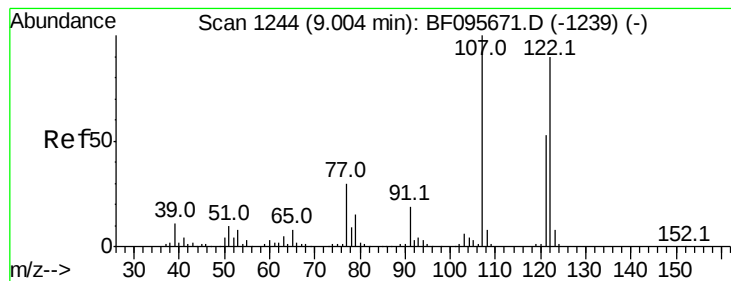
mohammad
6/26/2017 8:27:23 AM



#26
2-Nitrophenol
Concen: 45.75 ng
RT: 8.74 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.2	21.0	31.6
65	41.9	33.0	49.6





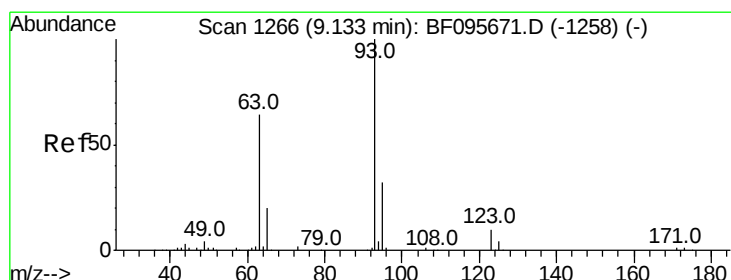
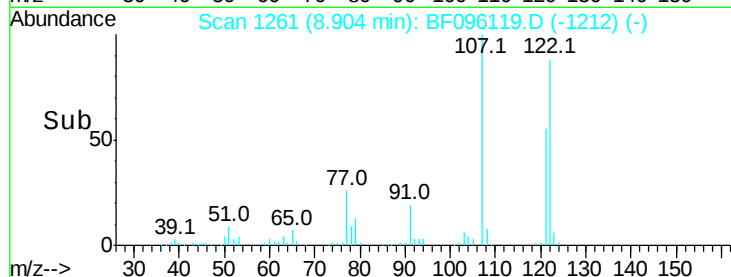
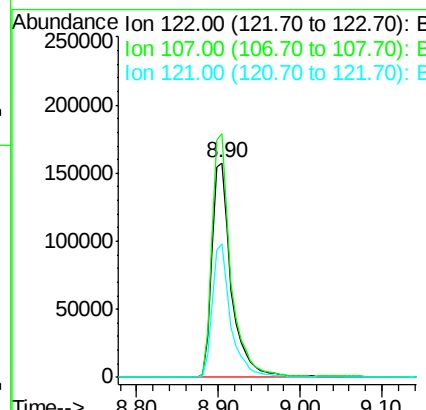
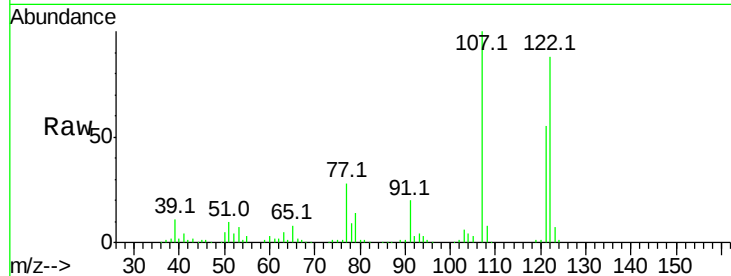
#27
2,4-Dimethylphenol
Concen: 47.52 ng
RT: 8.90 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	261097		
107	113.5	89.2	133.8	
121	62.1	45.2	67.8	

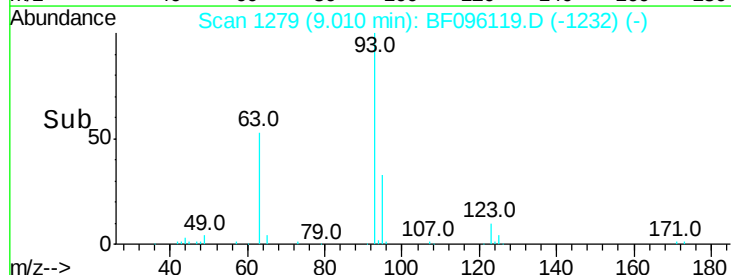
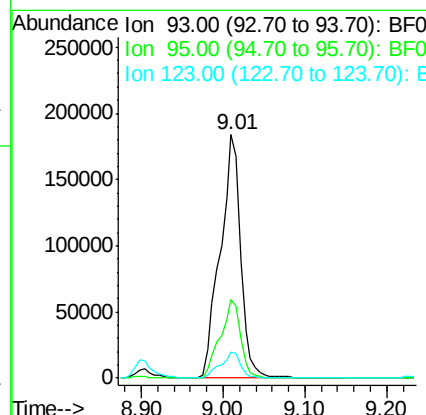
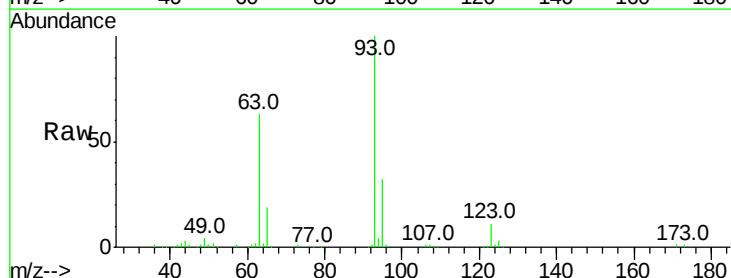
Manual Integrations
APPROVED

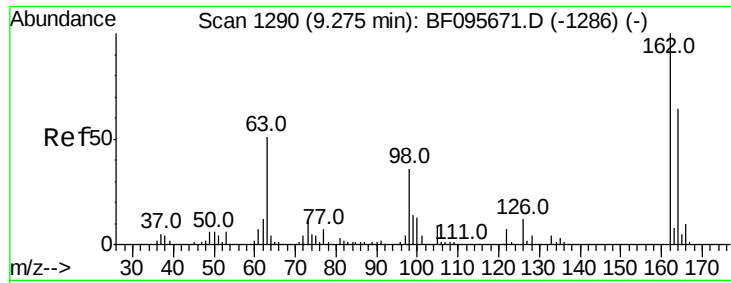
mohammad
6/26/2017 8:27:23 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.37 ng
RT: 9.01 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	322285		
95	32.3	26.5	39.7	
123	10.7	9.0	13.4	





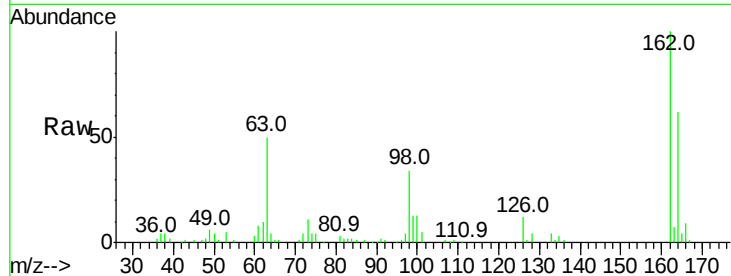
#29
 2,4-Dichlorophenol
 Concen: 47.47 ng
 RT: 9.19 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

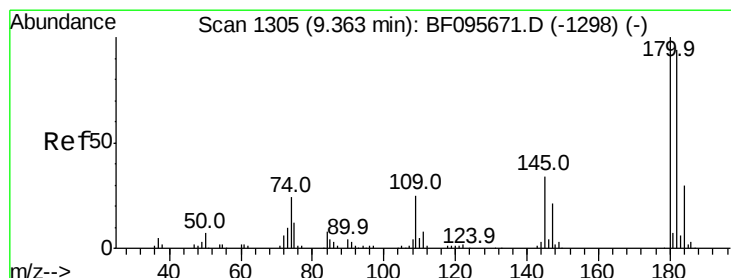
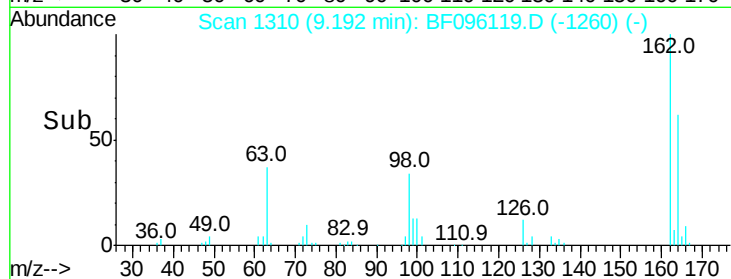
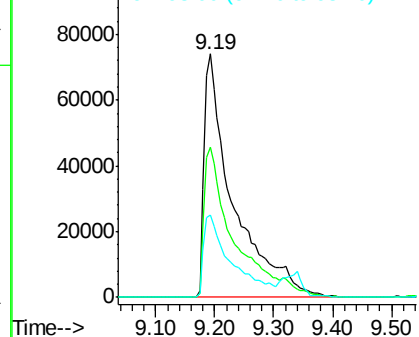
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.6	44.6	84.6
98	33.8	14.8	54.8

Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:27:23 AM



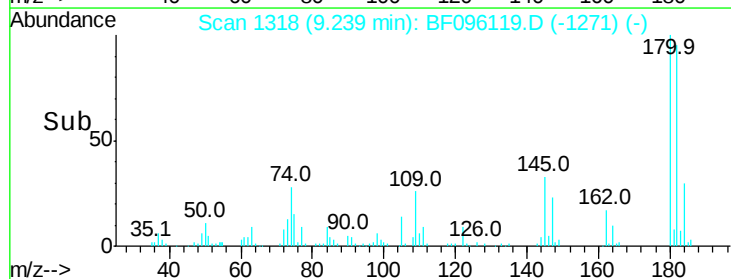
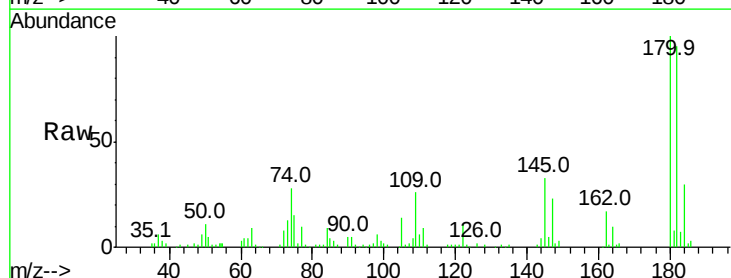
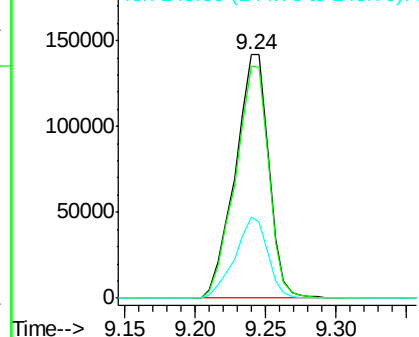
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

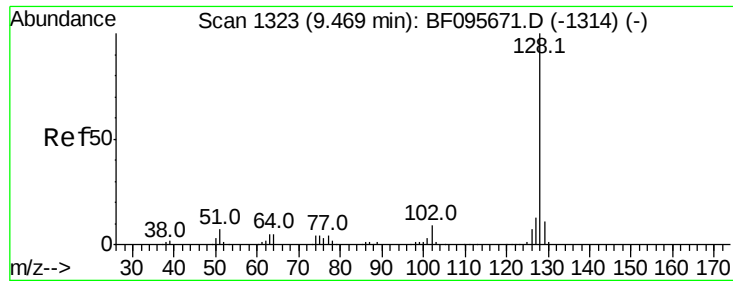


#30
 1,2,4-Trichlorobenzene
 Concen: 42.69 ng
 RT: 9.24 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	75.8	113.6
145	33.1	25.3	37.9

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





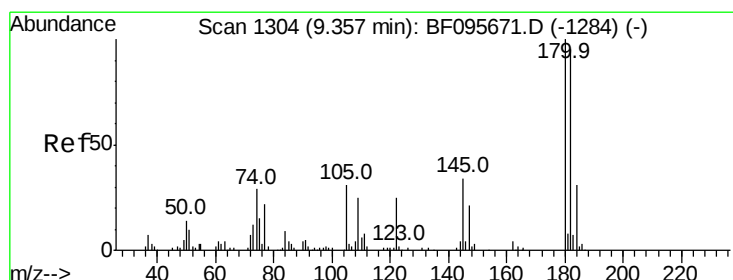
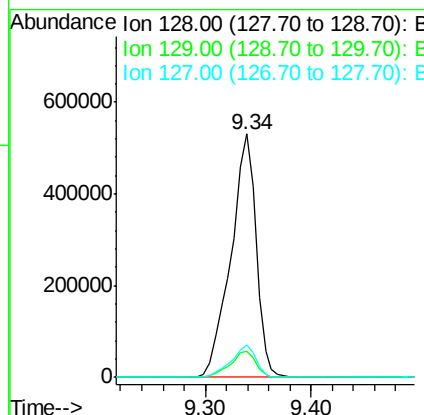
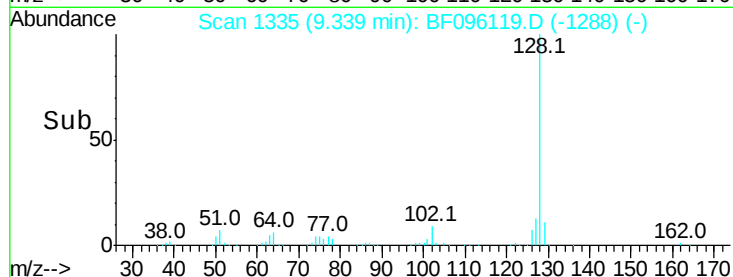
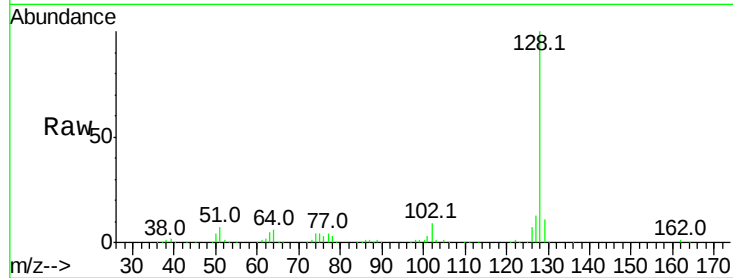
#31
Naphthalene
Concen: 44.33 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.1	10.8	16.2

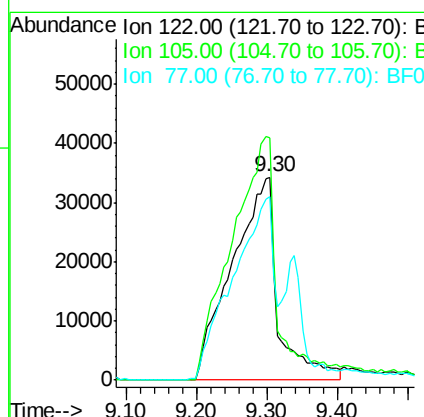
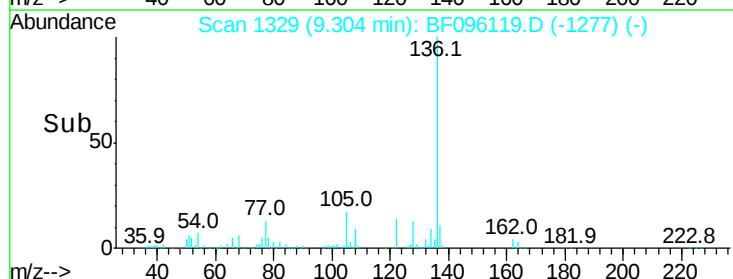
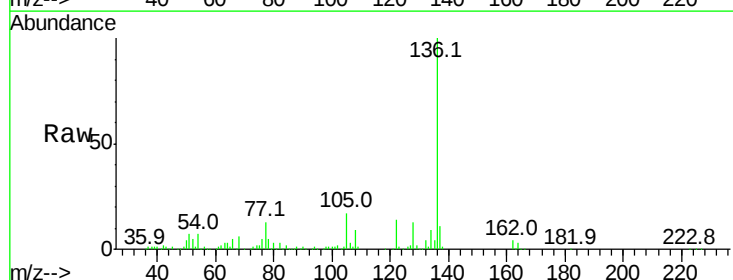
Manual Integrations
APPROVED

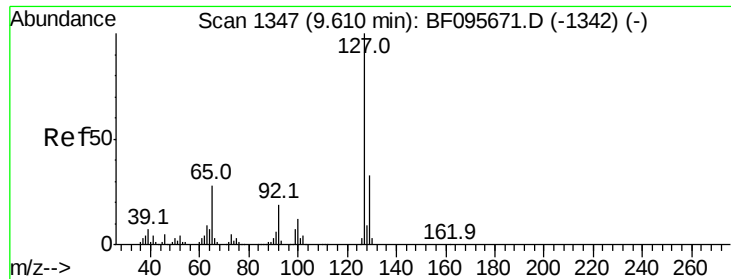
mohammad
6/26/2017 8:27:23 AM



#32
Benzoic acid
Concen: 45.34 ng
RT: 9.30 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.3	103.3	143.3
77	90.8	73.7	113.7





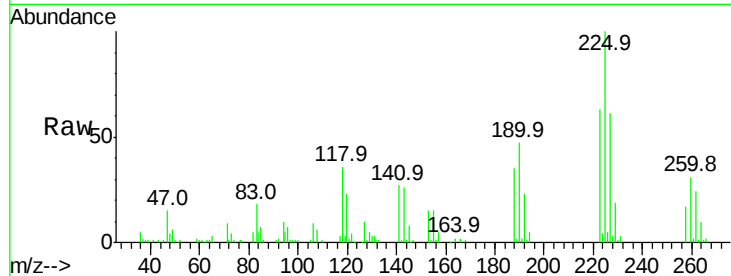
#33
4-Chloroaniline
Concen: 3.01 ng
RT: 9.56 min Scan# 1372
Delta R.T. 0.04 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

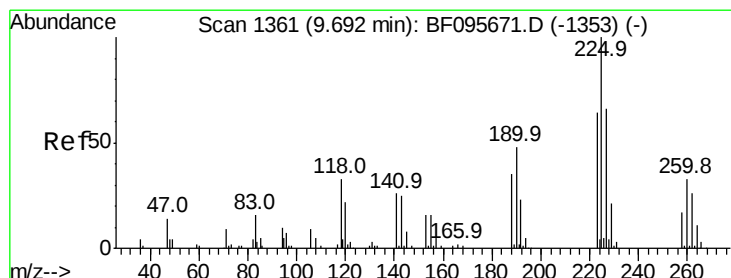
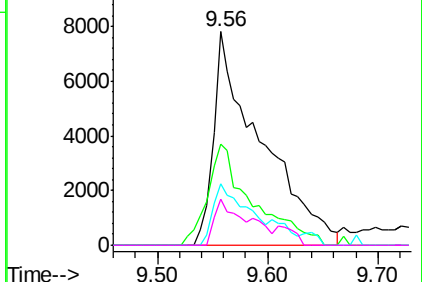
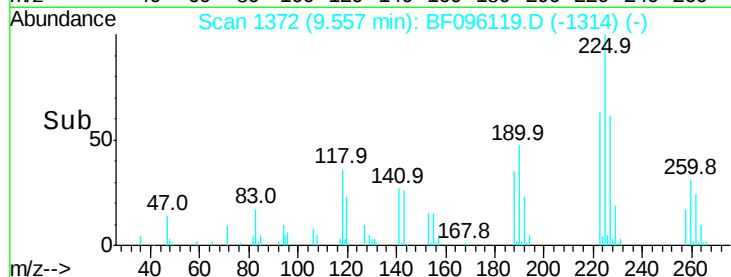
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	47.6	26.2	39.2#		
65	29.0	27.8	41.8		
92	21.5	16.8	25.2		

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM

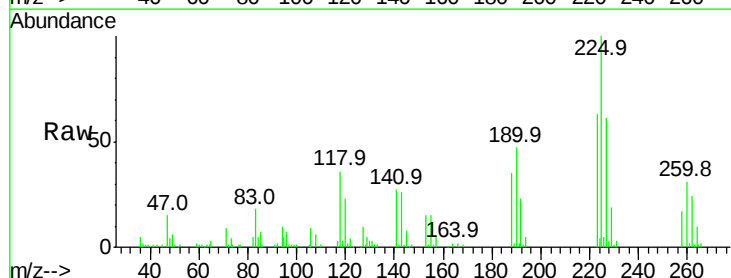


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

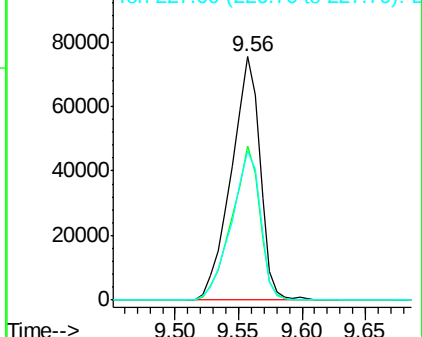
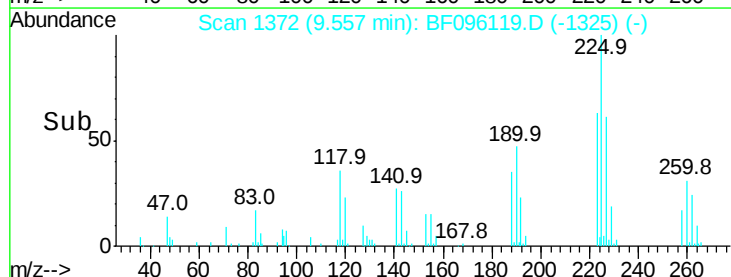


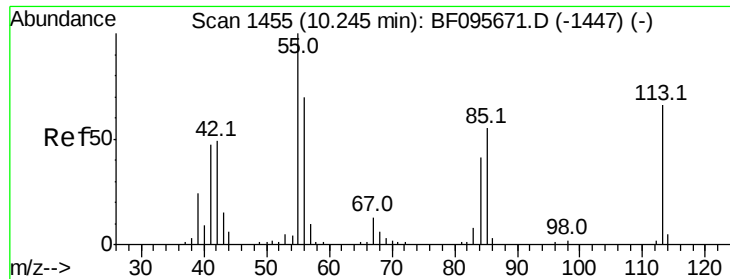
#34
Hexachlorobutadiene
Concen: 41.72 ng
RT: 9.56 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	48.8	73.2		
227	61.0	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.84 ng/mL

RT: 10.16 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

ClientSampleId :

SU-02-061617MSD

Tot Ion:113 Resp: 67447

Ion Ratio Lower Upper

113 100

55 161.5 150.2 190.2

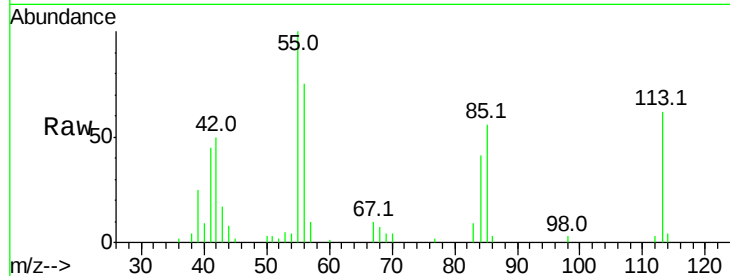
56 120.7 107.8 147.8

Manual Integrations

APPROVED

mohammad

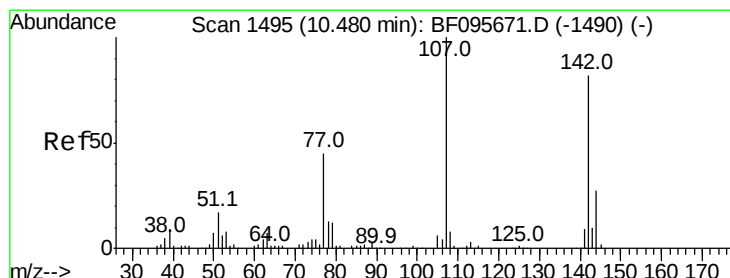
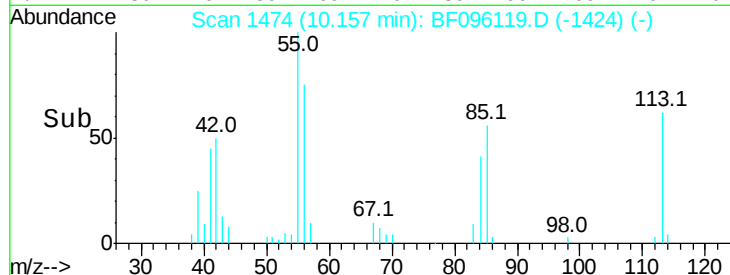
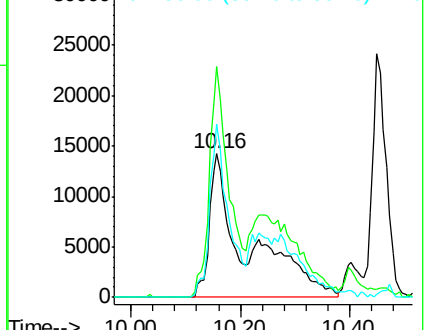
6/26/2017 8:27:23 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.17 ng/mL

RT: 10.40 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

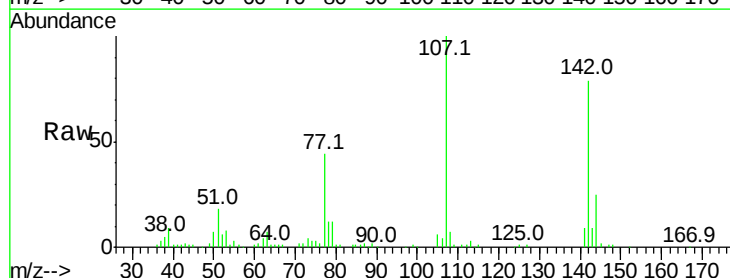
Tgt Ion:107 Resp: 228022

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

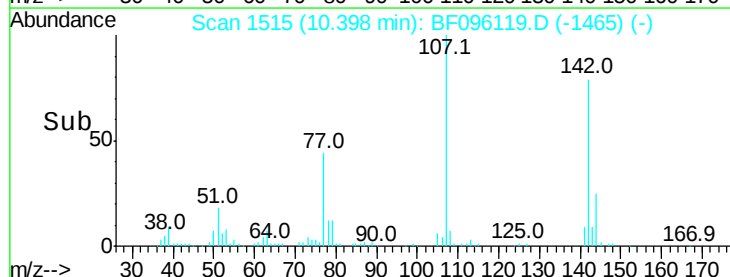
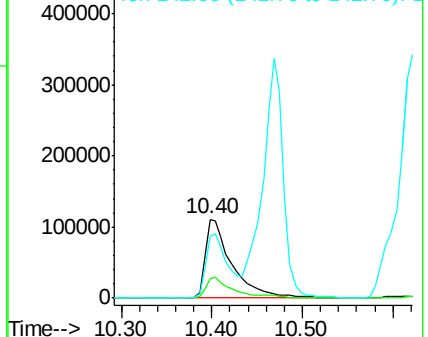
142 79.0 73.4 110.0

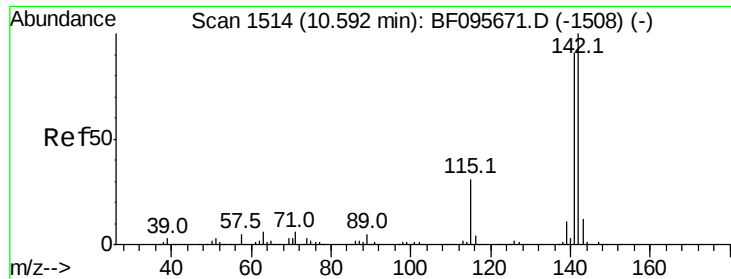


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





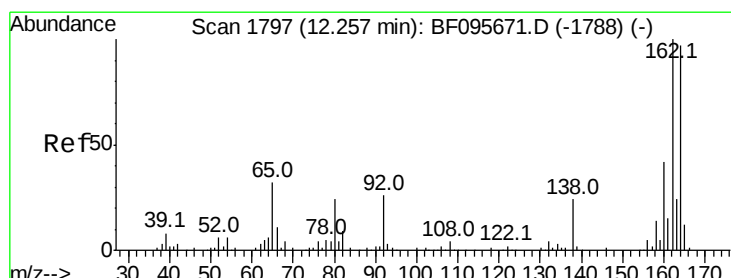
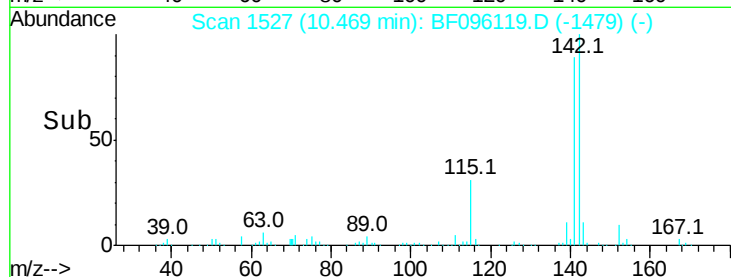
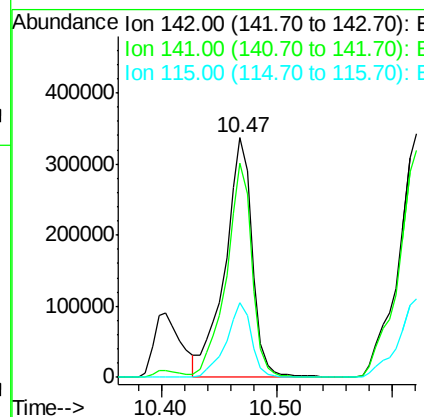
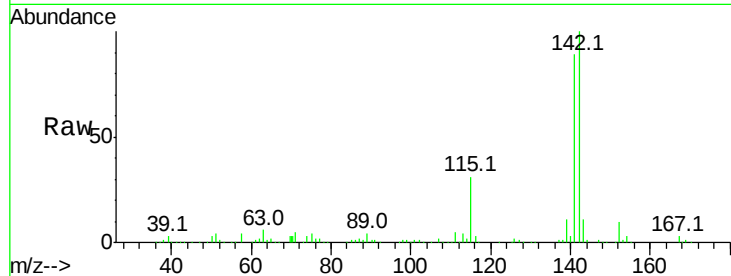
#37
2-Methylnaphthalene
Concen: 41.22 ng
RT: 10.47 min Scan# 1527
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	549442		
141	89.2		71.3	106.9
115	31.1		27.1	40.7

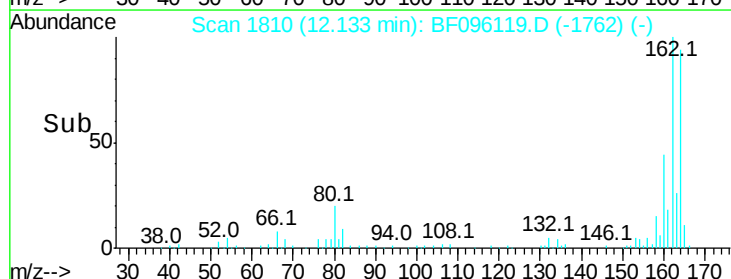
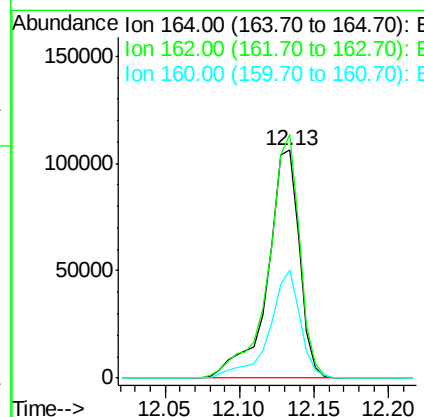
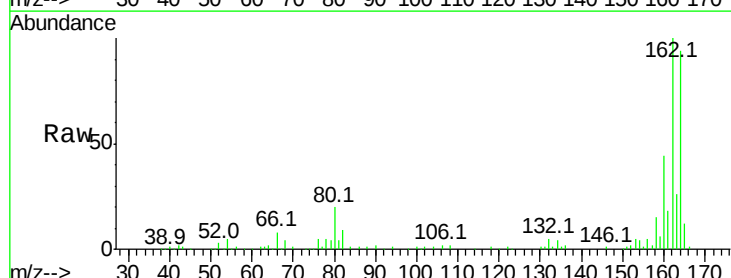
Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	157332		
162	106.8		82.6	123.8
160	47.1		36.2	54.2





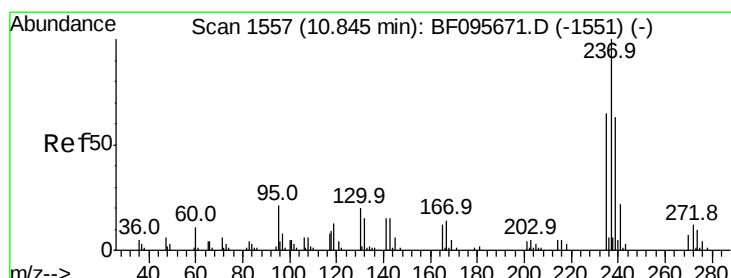
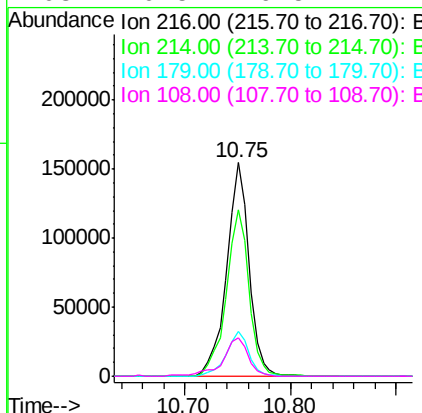
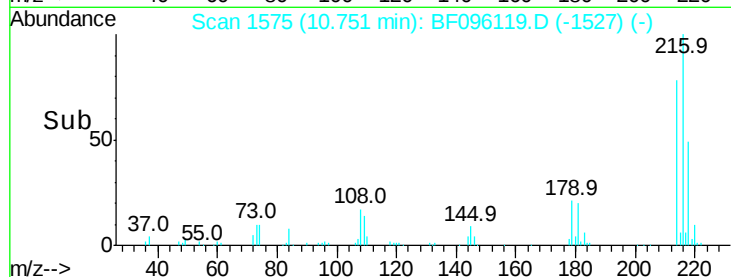
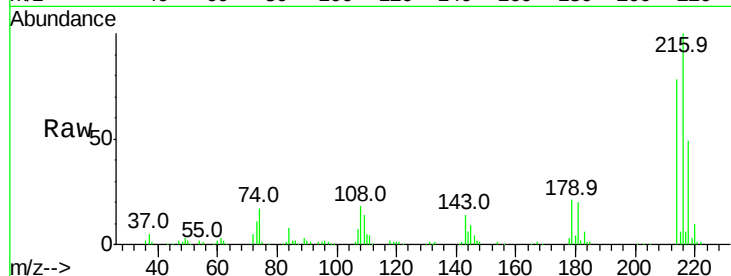
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.96 ng
 RT: 10.75 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	225844		
214	78.9		63.4	95.2
179	21.2		17.9	26.9
108	20.5		16.5	24.7

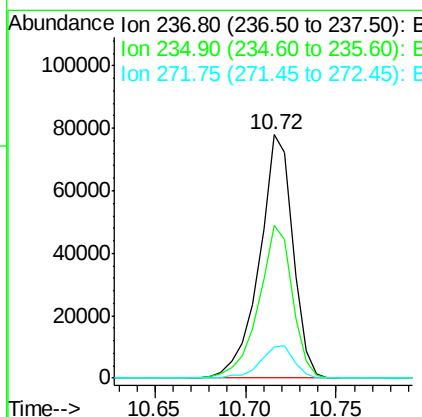
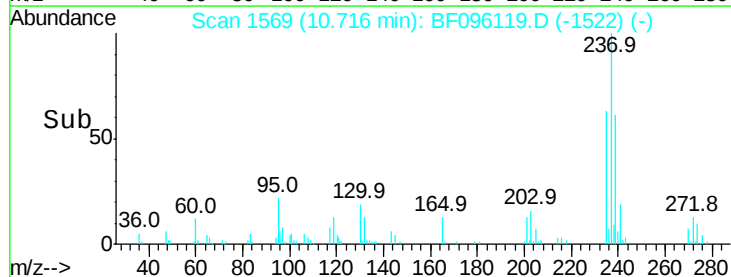
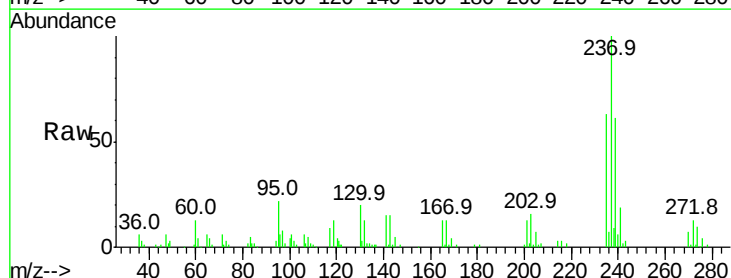
Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:27:23 AM



#40
 Hexachlorocyclopentadiene
 Concen: 69.45 ng
 RT: 10.72 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	99963		
235	62.8		42.6	82.6
272	12.9		0.0	31.9





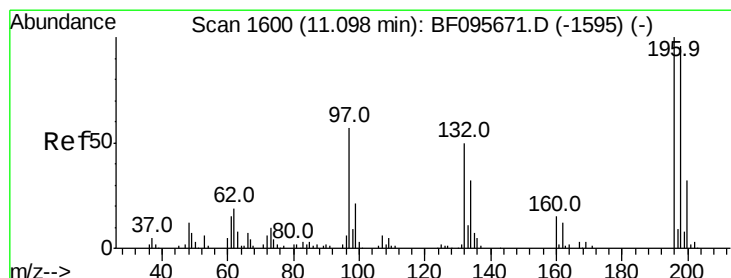
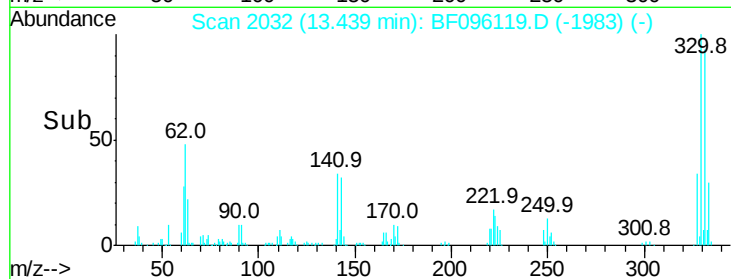
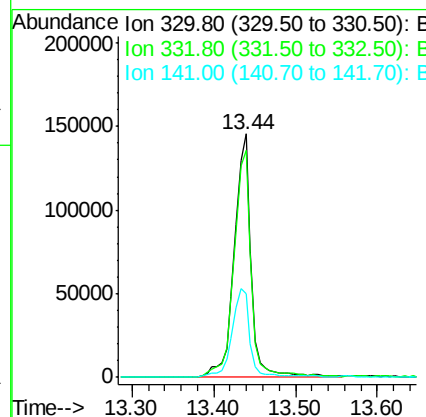
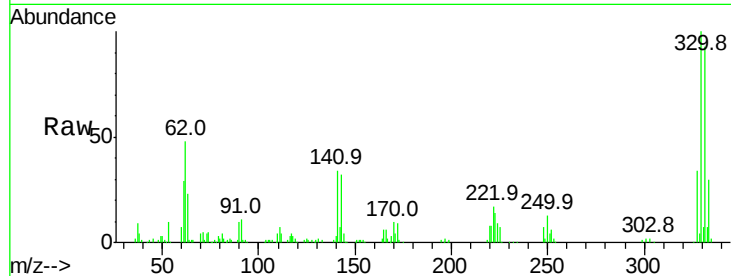
#41
 2,4,6-Tribromophenol
 Concen: 152.17 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	211821		
332	95.8	76.6	115.0	
141	38.8	31.4	47.2	

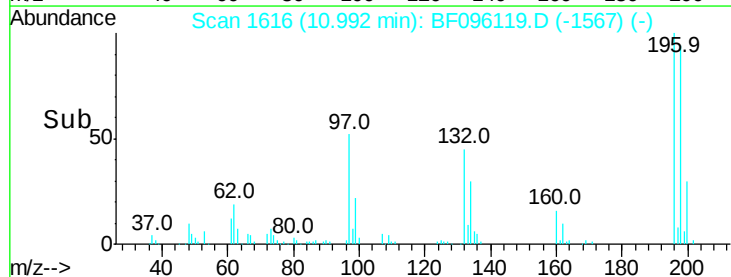
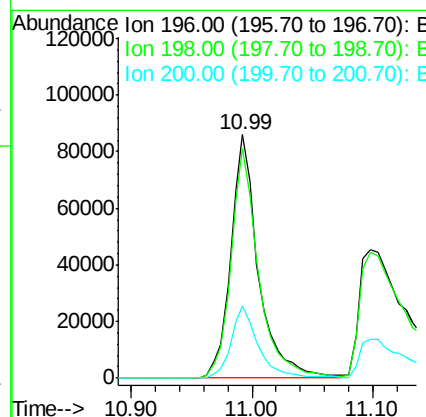
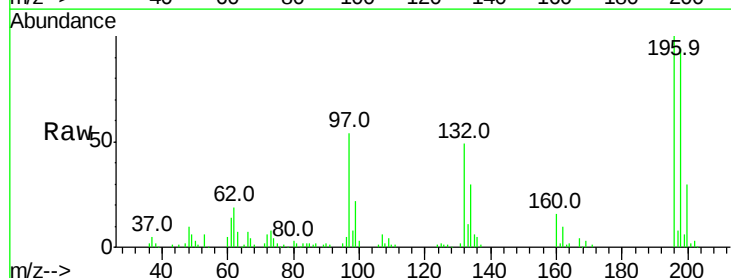
Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:27:23 AM



#42
 2,4,6-Trichlorophenol
 Concen: 45.03 ng
 RT: 10.99 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136332		
198	94.4	74.2	111.4	
200	29.8	24.0	36.0	





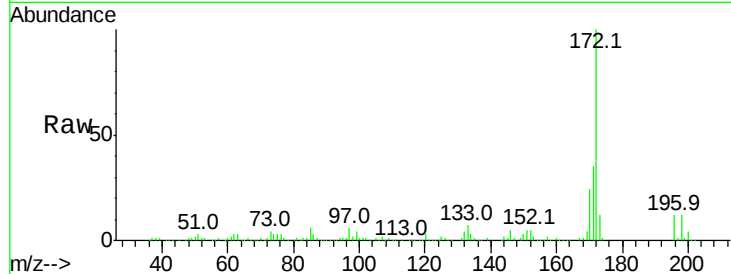
#43
 2,4,5-Trichlorophenol
 Concen: 41.17 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132576		
198	97.7	75.7	113.5	
97	51.9	47.7	71.5	
132	33.8	28.0	42.0	

Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:27:23 AM



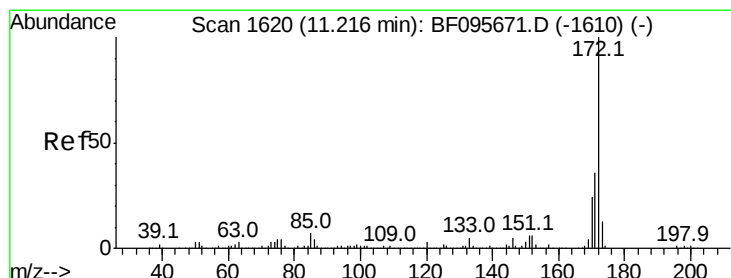
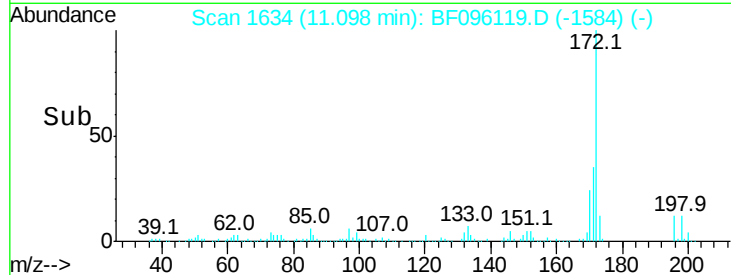
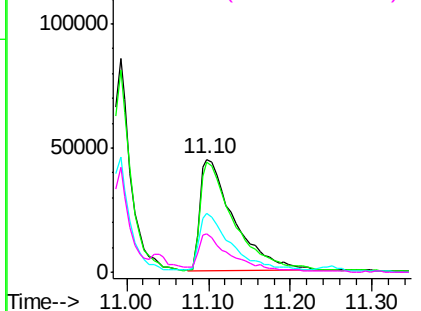
Abundance

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: 87.68 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

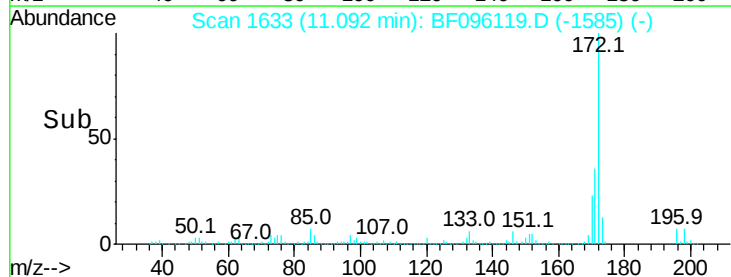
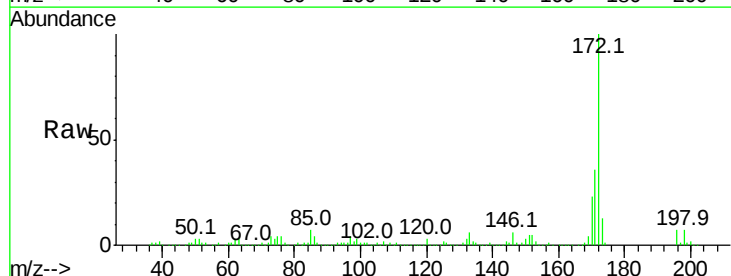
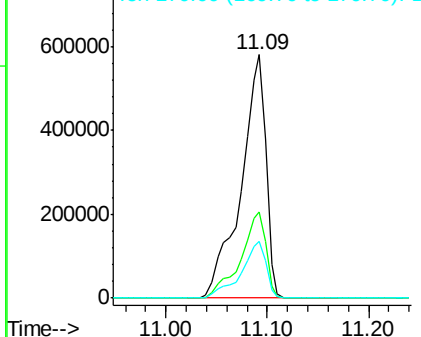
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	991259		
171	35.6	29.6	44.4	
170	23.5	19.8	29.8	

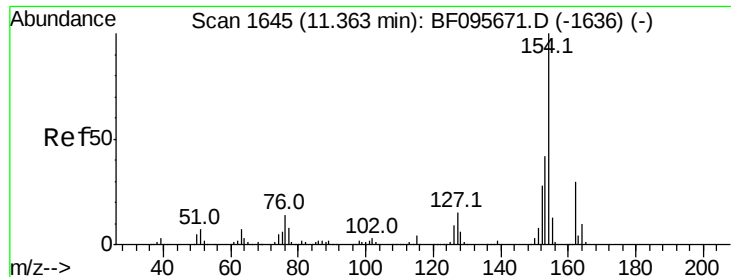
Abundance

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: 44.39 ng

RT: 11.24 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

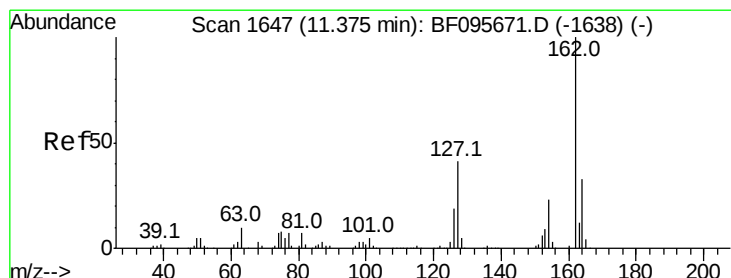
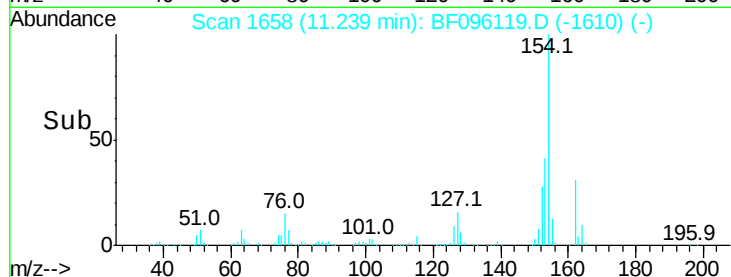
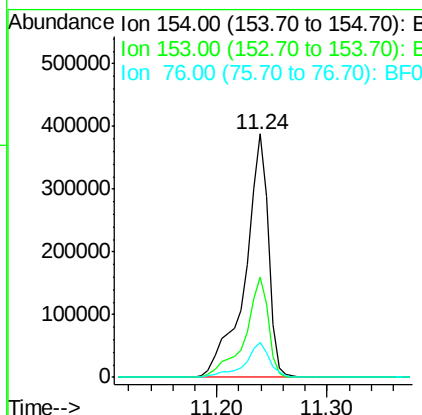
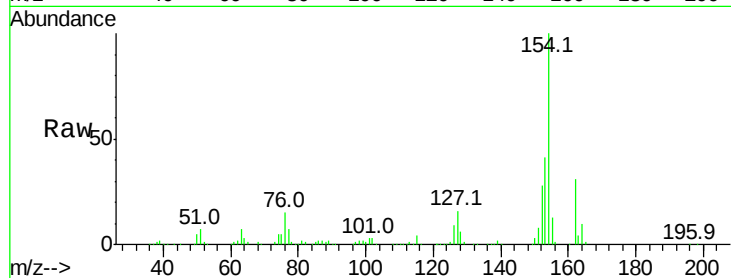
ClientSampleId :

SU-02-061617MSD

Tot Ion:	154	Resp:	575572
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.2	61.2
76	14.5	0.0	29.9

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#46

2-Chloronaphthalene

Concen: 43.63 ng

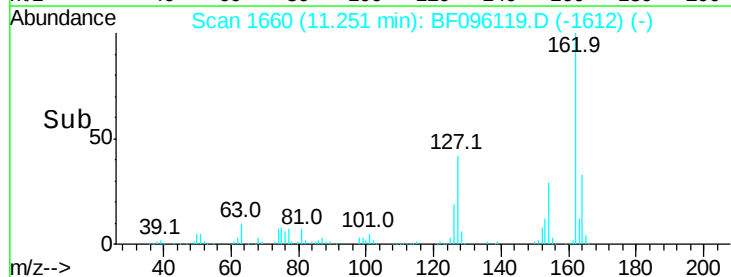
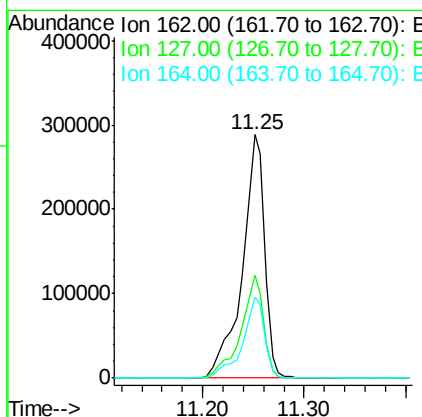
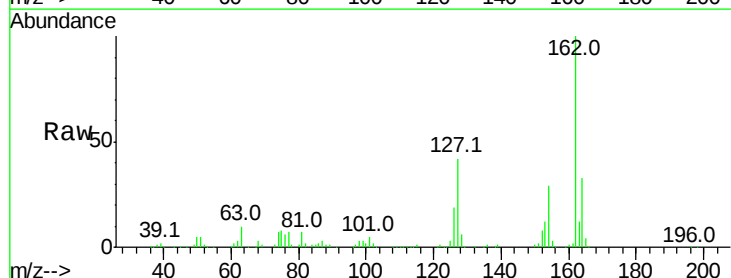
RT: 11.25 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:	162	Resp:	442093
Ion Ratio	Lower	Upper	
162	100		
127	42.1	28.3	42.5
164	33.3	27.0	40.4





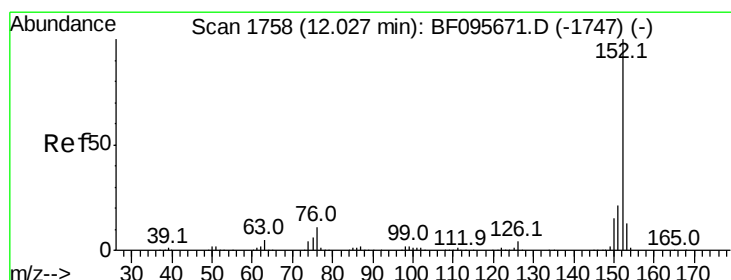
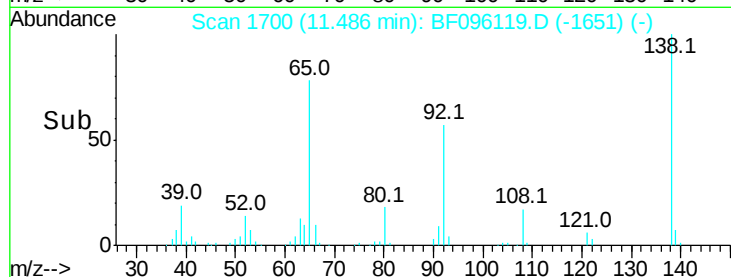
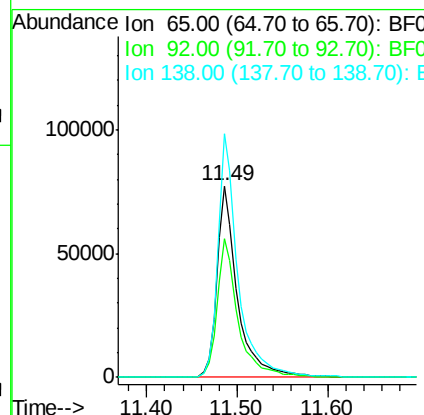
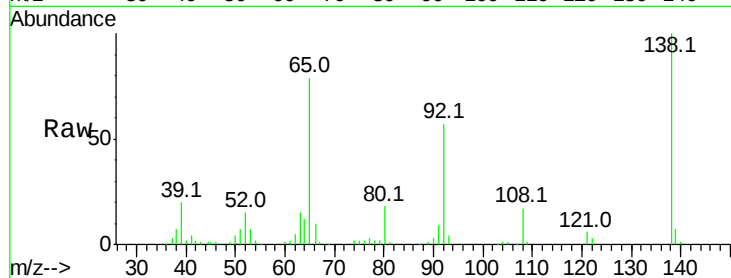
#47
 2-Nitroaniline
 Concen: 40.92 ng
 RT: 11.49 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.7	53.9	80.9
138	127.1	78.8	118.2

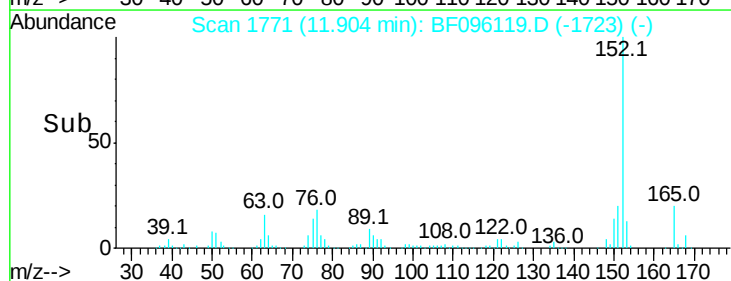
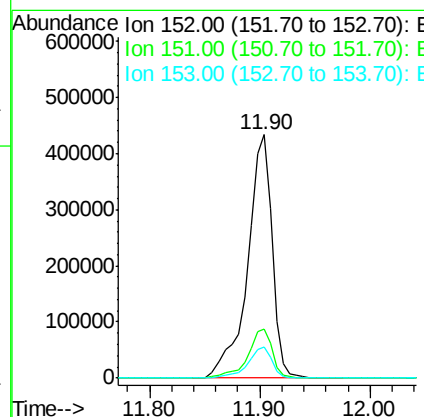
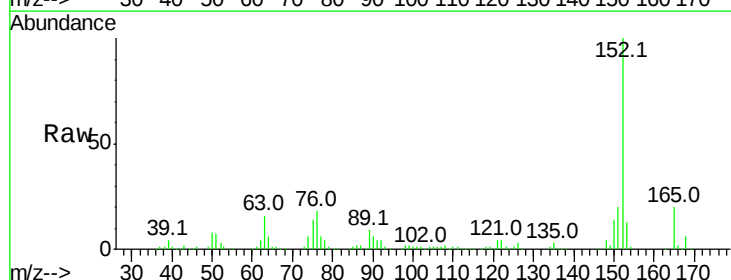
Manual Integrations
 APPROVED

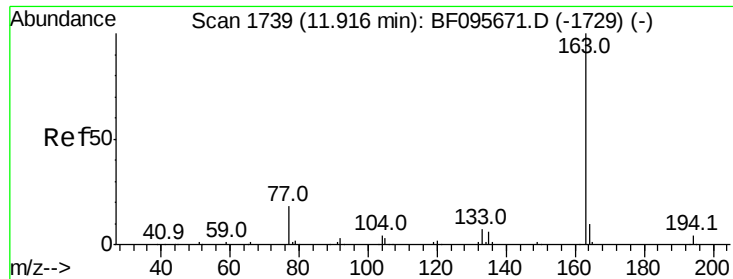
mohammad
 6/26/2017 8:27:23 AM



#48
 Acenaphthylene
 Concen: 39.39 ng
 RT: 11.90 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	12.7	10.8	16.2





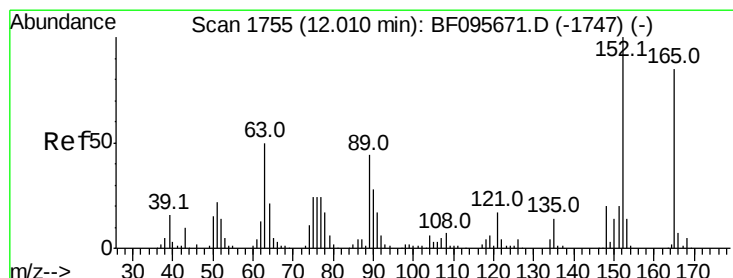
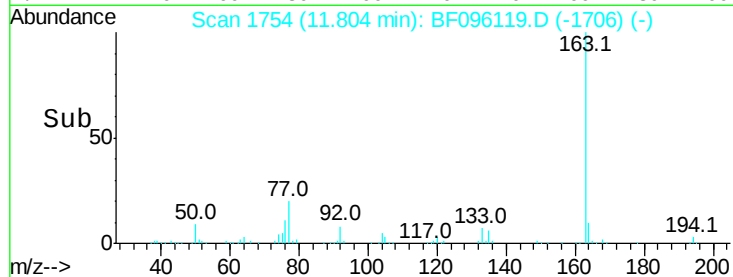
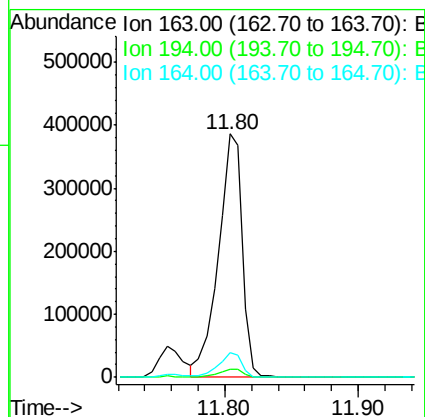
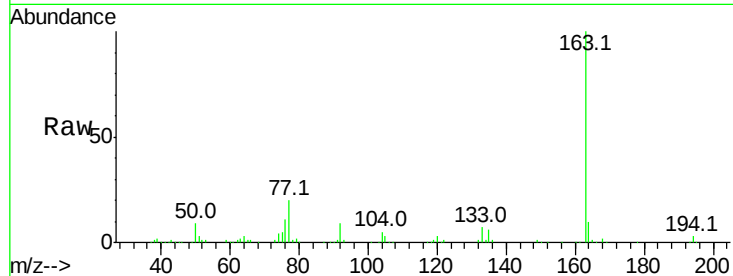
#49
Dimethylphthalate
Concen: 40.78 ng
RT: 11.80 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	487127		
194	3.1	2.6	4.0	
164	10.4	8.4	12.6	

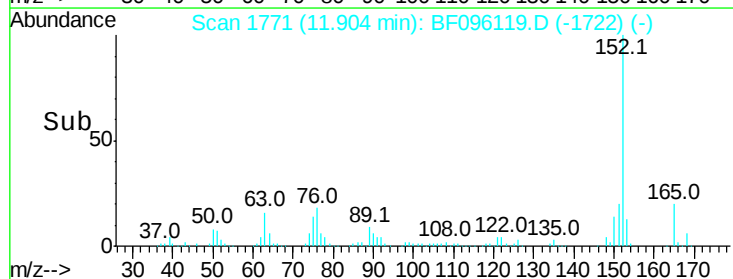
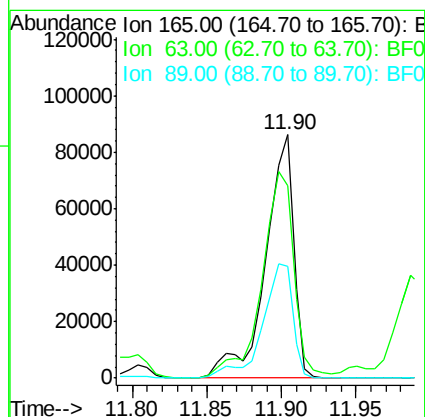
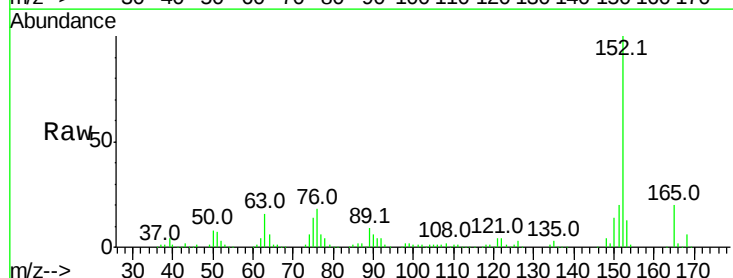
Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#50
2,6-Dinitrotoluene
Concen: 43.33 ng
RT: 11.90 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	112889		
63	79.0	34.3	51.5#	
89	45.7	37.1	55.7	





#51

Acenaphthene

Concen: 43.32 ng

RT: 12.19 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

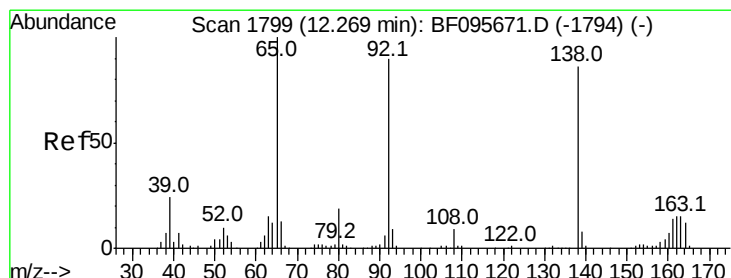
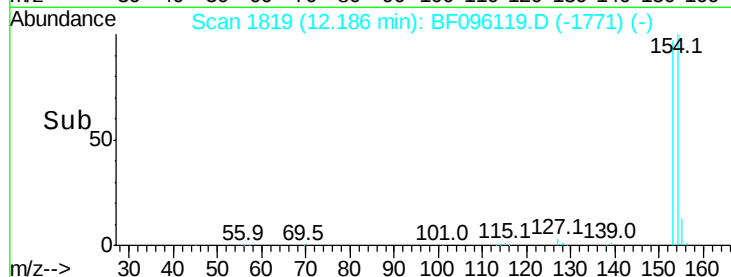
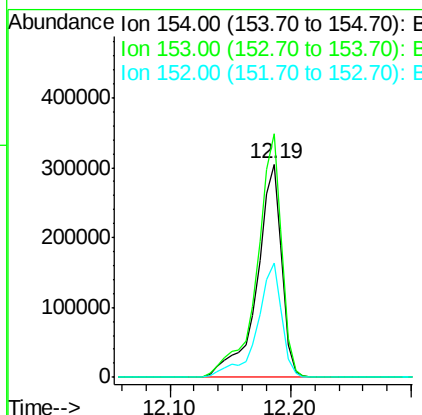
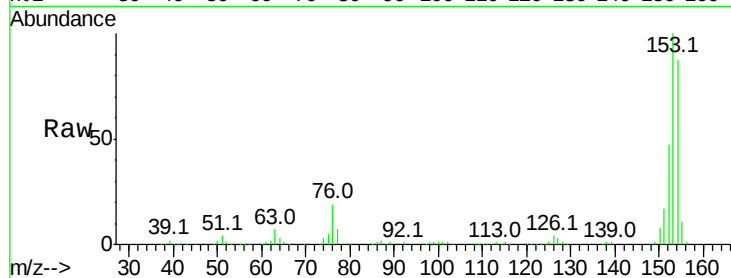
ClientSampleId :

SU-02-061617MSD

Tot Ion:	154	Resp:	433435
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.5	135.7
152	53.8	43.6	65.4

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#52

3-Nitroaniline

Concen: 7.22 ng

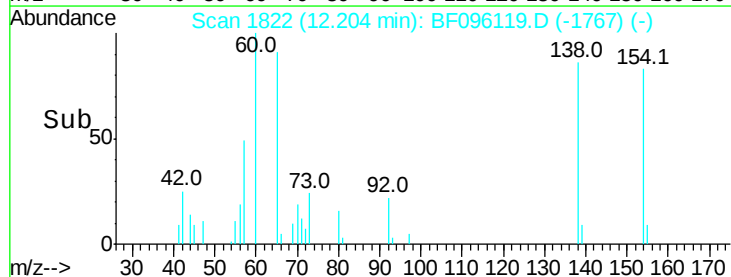
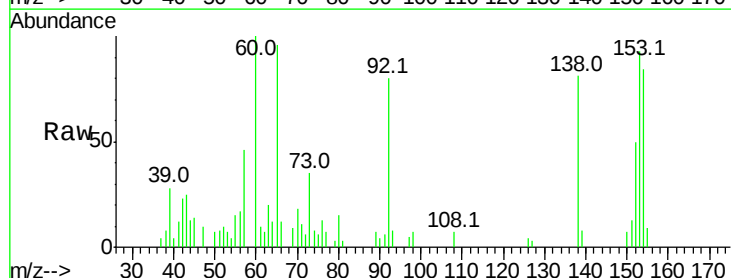
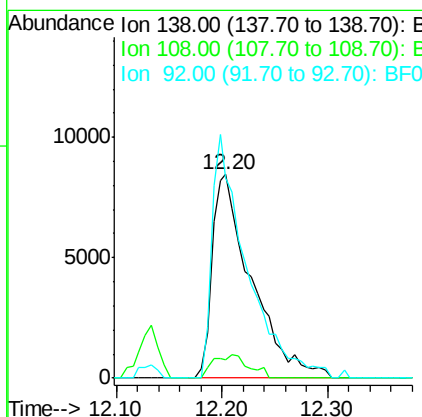
RT: 12.20 min Scan# 1822

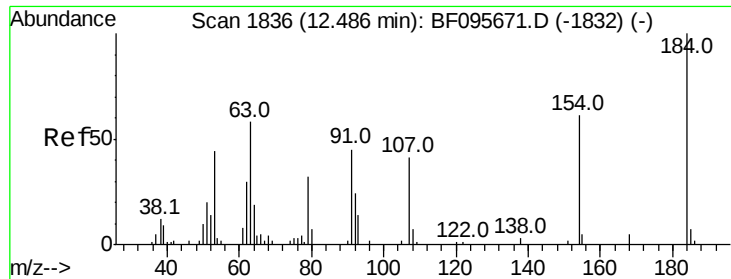
Delta R.T. 0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:	138	Resp:	21921
Ion Ratio	Lower	Upper	
138	100		
108	9.1	9.1	13.7#
92	98.2	93.8	140.6





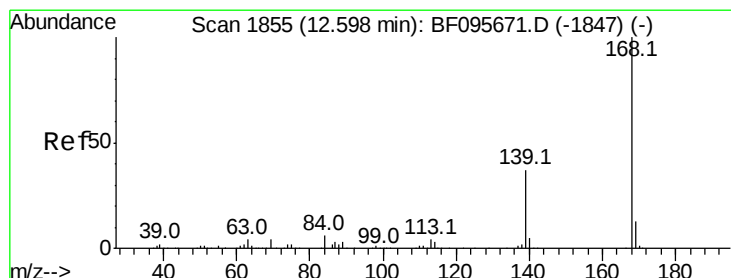
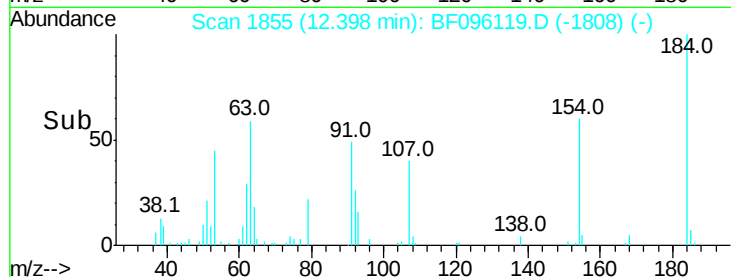
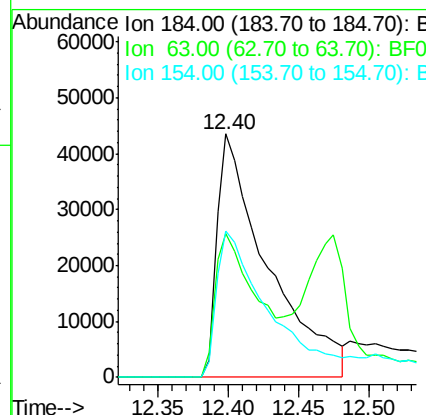
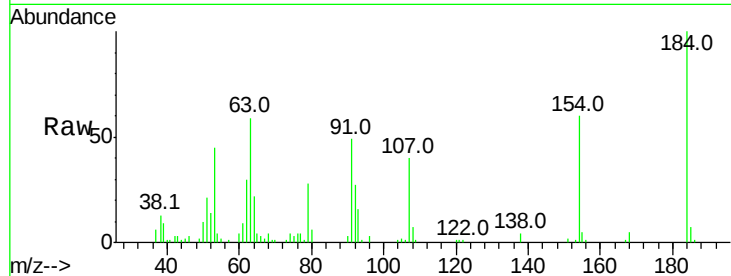
#53
 2,4-Dinitrophenol
 Concen: 74.06 ng
 RT: 12.40 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.0	62.7	94.1#	
154	60.2	81.1	121.7#	

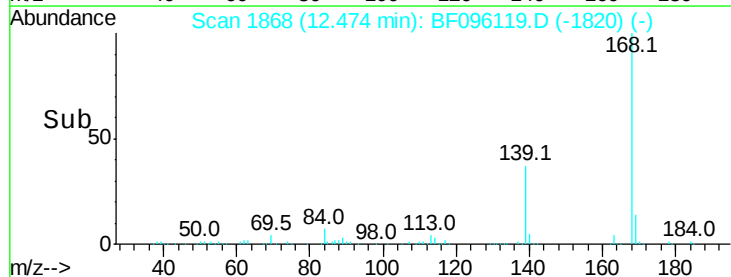
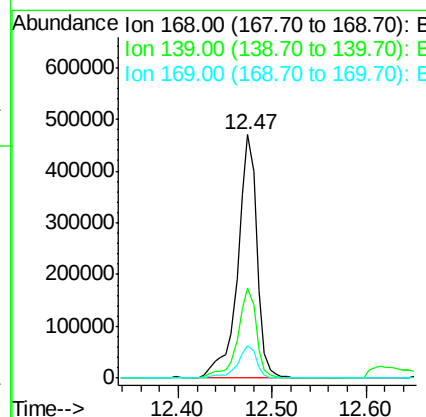
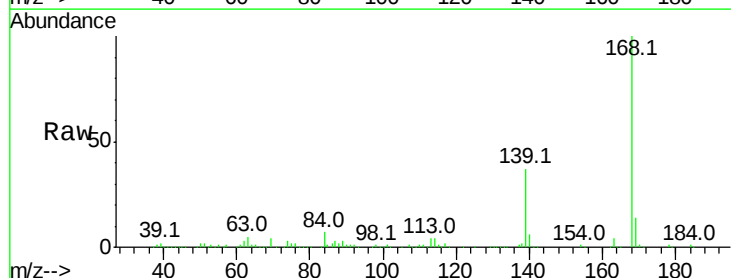
Manual Integrations
 APPROVED

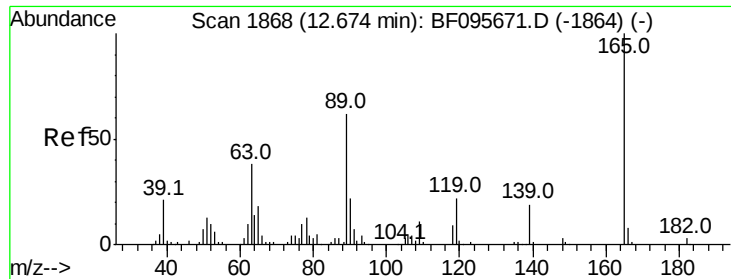
mohammad
 6/26/2017 8:27:23 AM



#54
 Dibenzofuran
 Concen: 47.31 ng
 RT: 12.47 min Scan# 1868
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.2	30.6	45.8	
169	13.5	10.8	16.2	





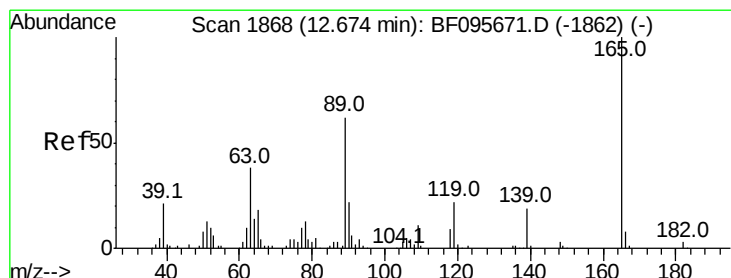
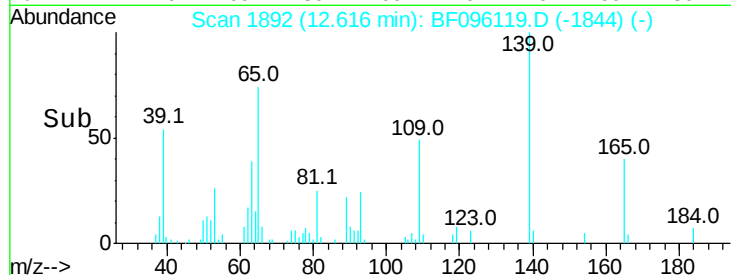
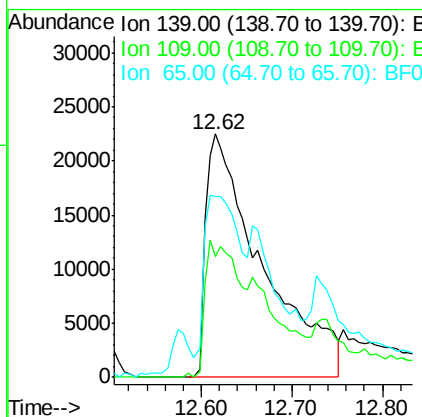
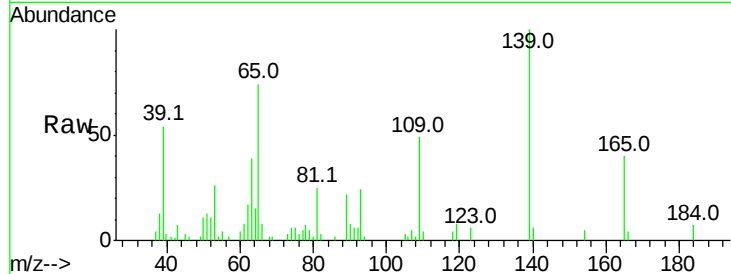
#55
 4-Nitrophenol
 Concen: 56.32 ng
 RT: 12.62 min Scan# 1892
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	49.4	34.1	74.1	
65	74.1	31.4	71.4	

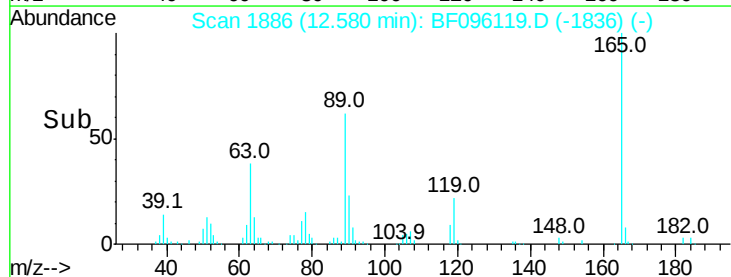
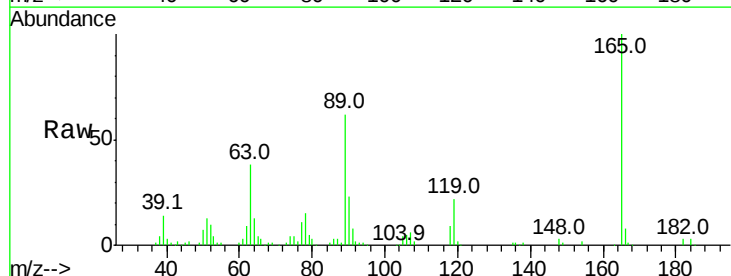
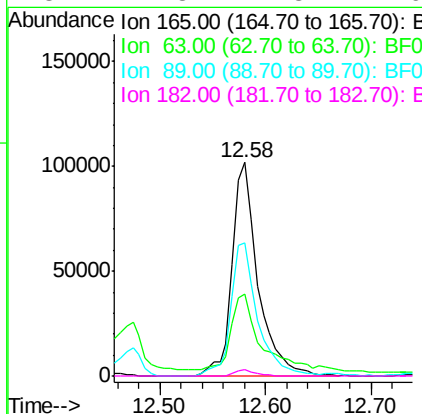
Manual Integrations
 APPROVED

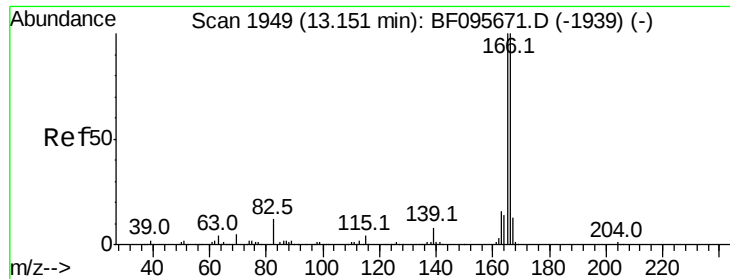
mohammad
 6/26/2017 8:27:23 AM



#56
 2,4-Dinitrotoluene
 Concen: 49.03 ng
 RT: 12.58 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.4	25.4	38.0	
89	62.1	46.4	69.6	
182	2.8	1.8	2.6	





#57

Fluorene

Concen: 48.11 ng

RT: 13.03 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

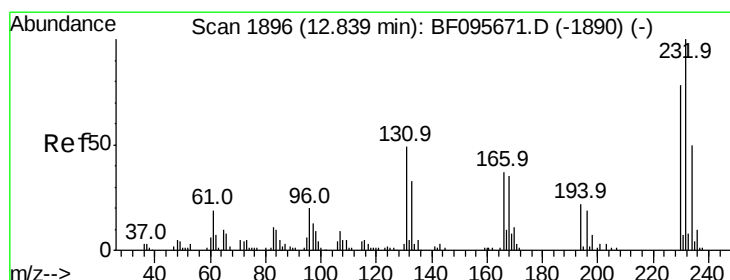
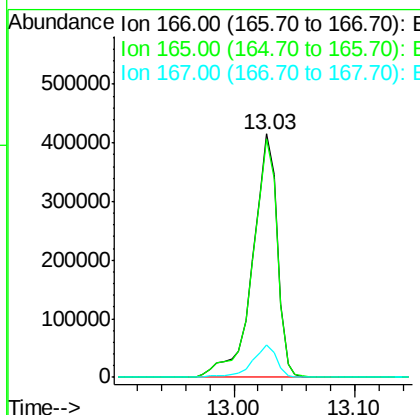
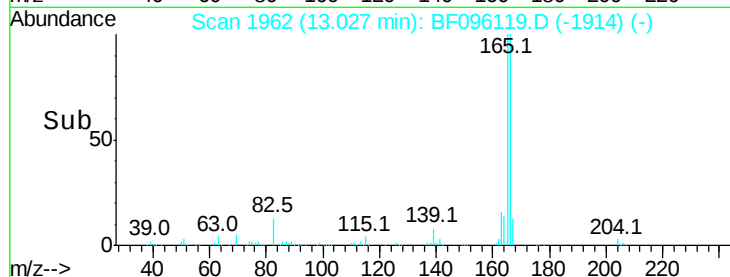
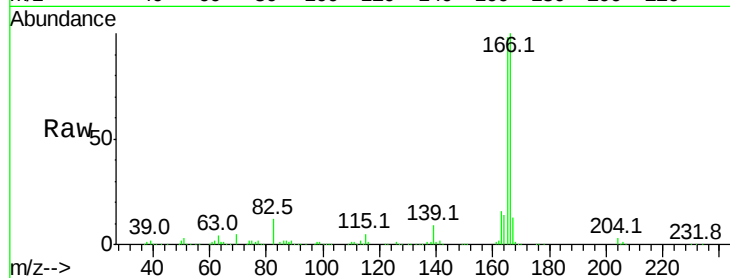
ClientSampleId :

SU-02-061617MSD

Tot Ion:	166	Resp:	589569
Ion Ratio	Lower	Upper	
166	100		
165	97.7	78.8	118.2
167	13.1	10.6	16.0

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.82 ng

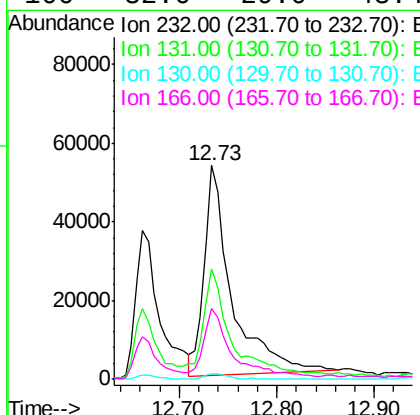
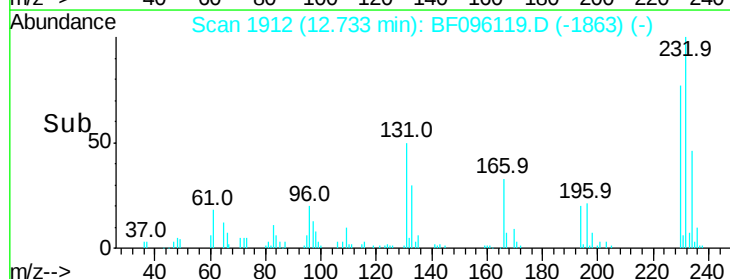
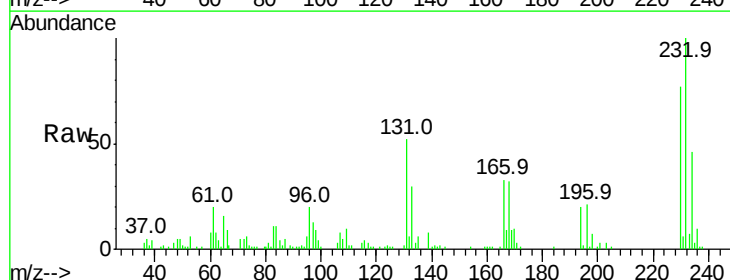
RT: 12.73 min Scan# 1912

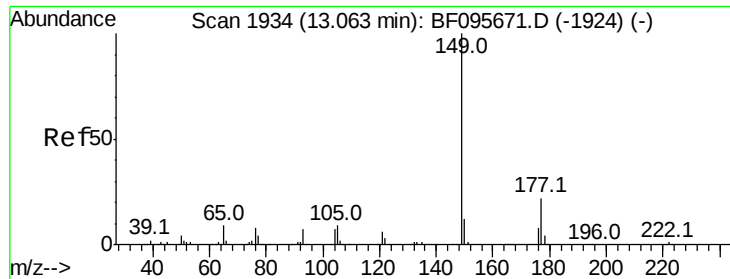
Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:	232	Resp:	105356
Ion Ratio	Lower	Upper	
232	100		
131	51.0	44.8	67.2
130	2.0	2.3	3.5#
166	32.6	29.0	43.4





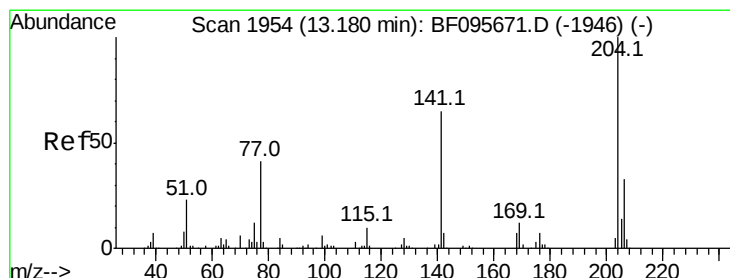
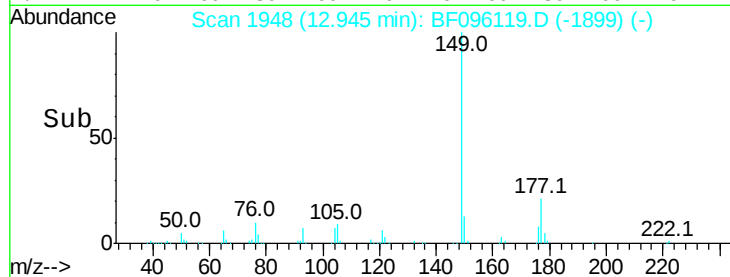
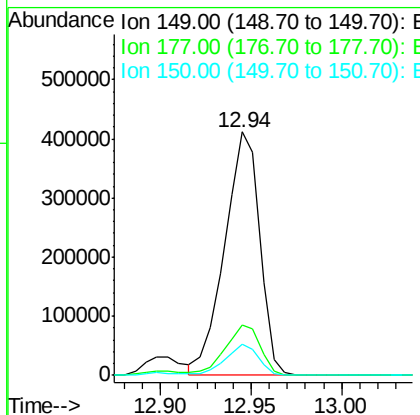
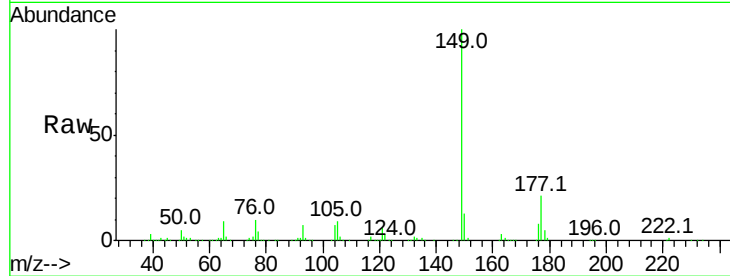
#59
Diethylphthalate
Concen: 48.01 ng
RT: 12.94 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.7	10.2	15.2

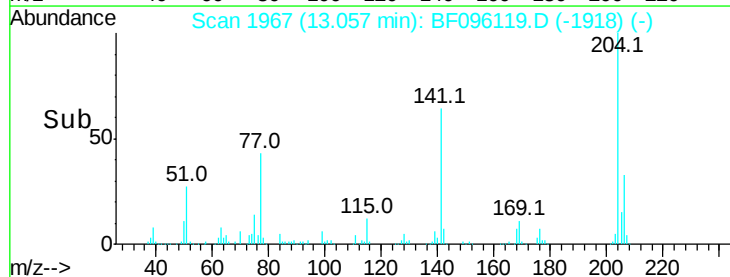
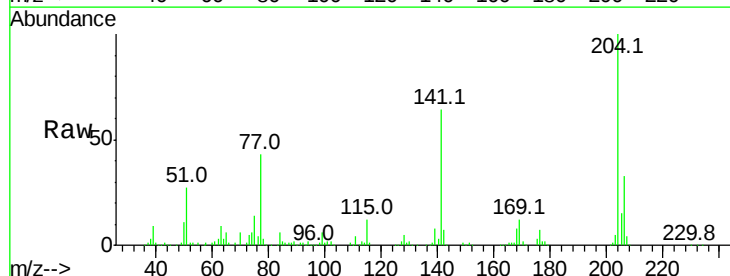
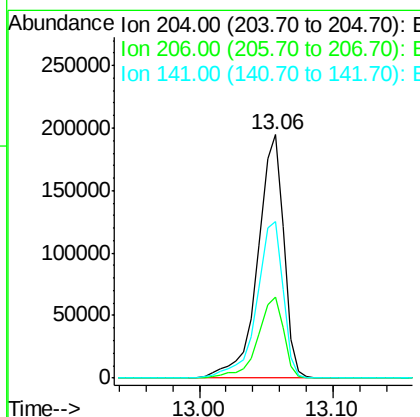
Manual Integrations
APPROVED

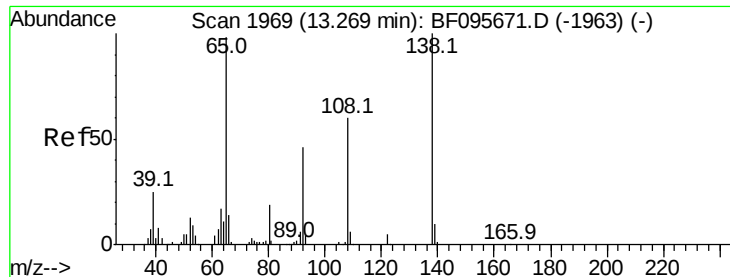
mohammad
6/26/2017 8:27:23 AM



#60
4-Chlorophenyl-phenylether
Concen: 49.06 ng
RT: 13.06 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	64.3	60.8	91.2





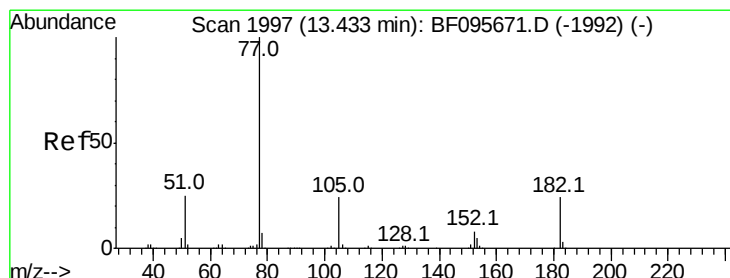
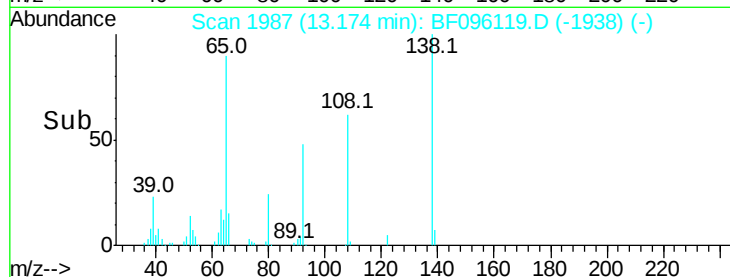
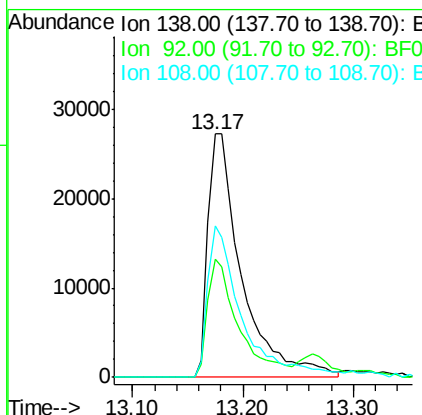
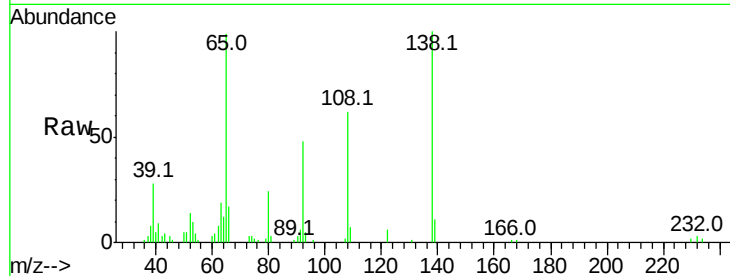
#61
4-Nitroaniline
Concen: 20.22 ng
RT: 13.17 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.4	21.8	61.8
108	62.1	42.3	82.3

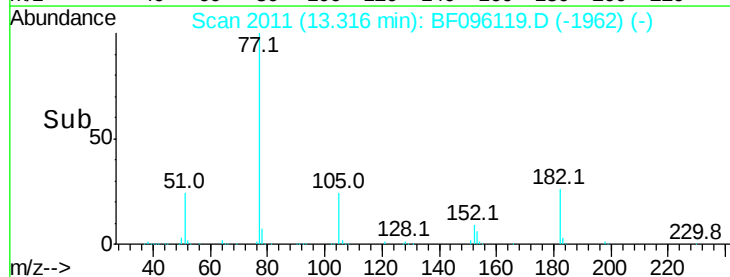
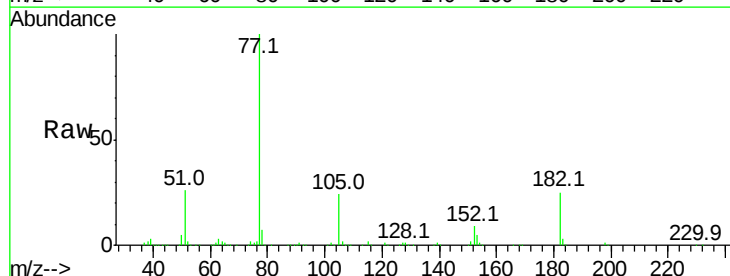
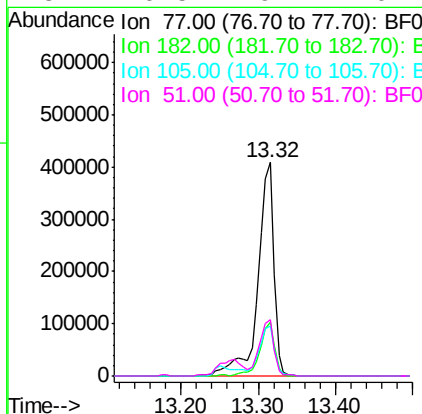
Manual Integrations
APPROVED

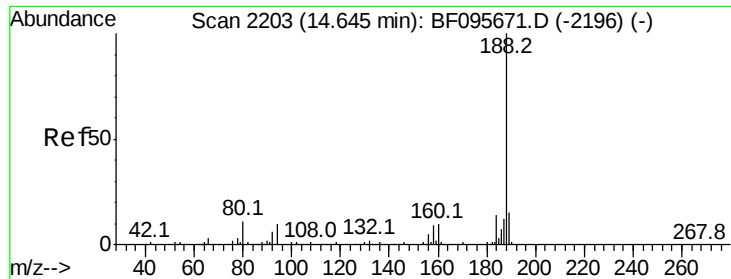
mohammad
6/26/2017 8:27:23 AM



#62
Azobenzene
Concen: 57.77 ng
RT: 13.32 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	0.1	40.1
105	23.7	3.6	43.6
51	26.5	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.53 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

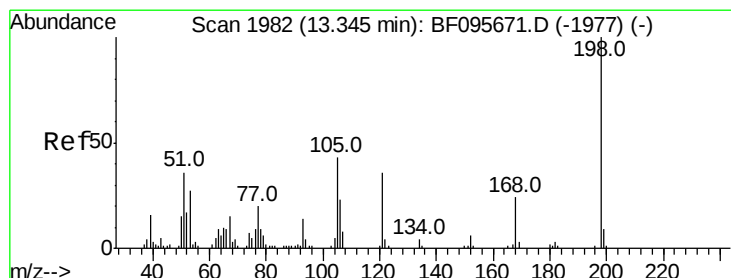
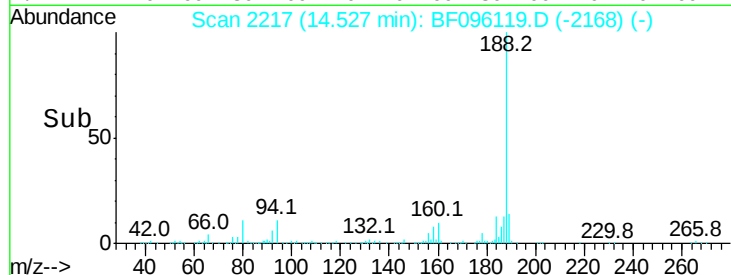
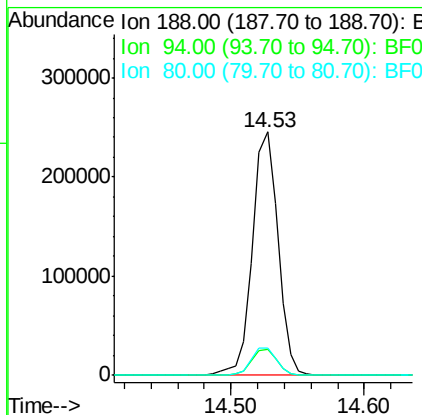
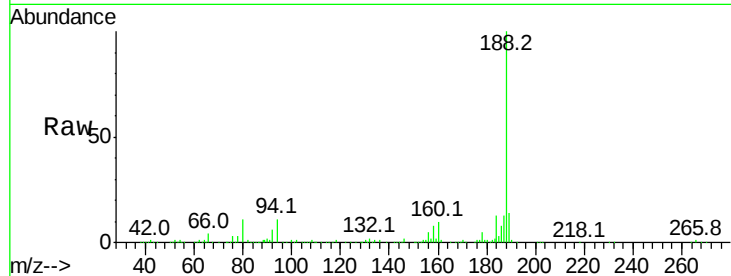
ClientSampleId :

SU-02-061617MSD

Tot Ion:	188	Resp:	323194
Ion Ratio	Lower	Upper	
188	100		
94	10.7	9.4	14.2
80	11.3	10.2	15.2

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 43.24 ng

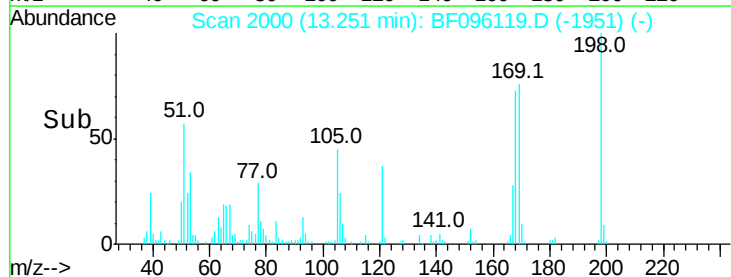
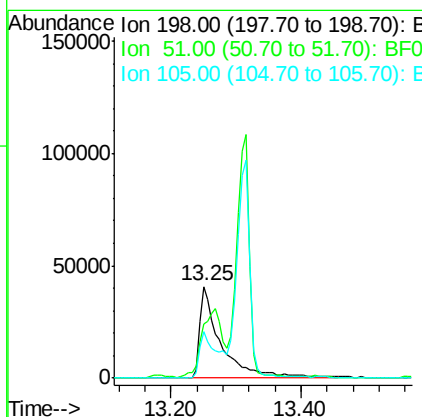
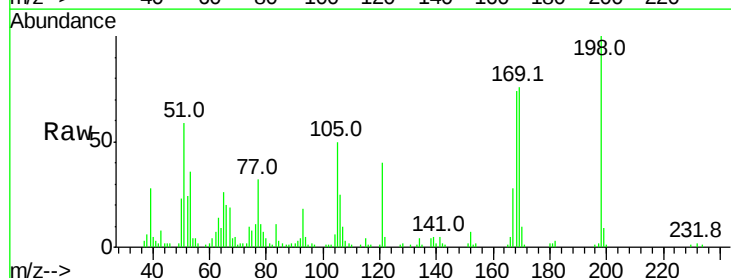
RT: 13.25 min Scan# 2000

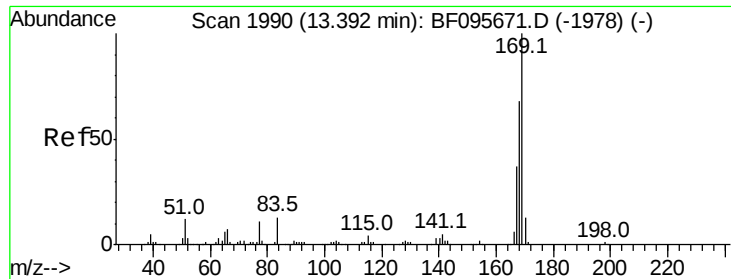
Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:	198	Resp:	91851
Ion Ratio	Lower	Upper	
198	100		
51	59.1	53.2	93.2
105	50.5	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 19.72 ng

RT: 13.27 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

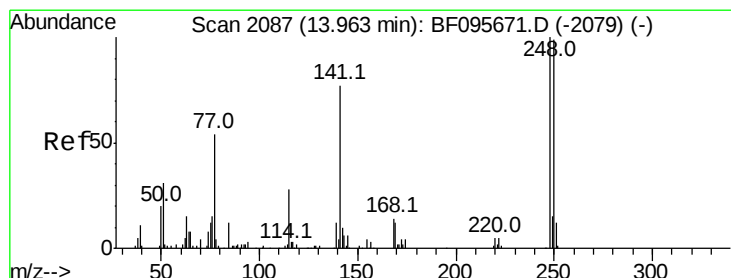
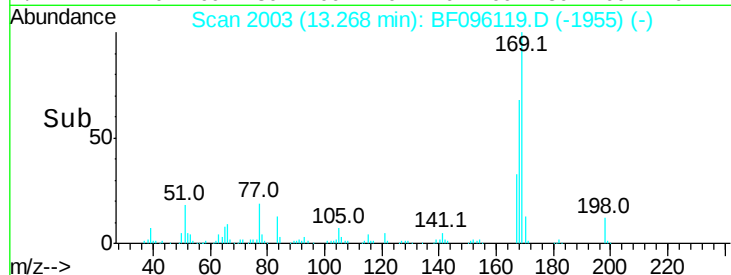
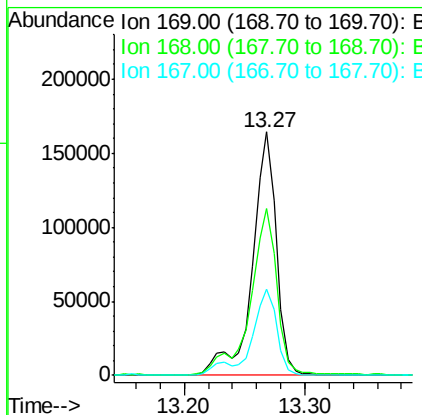
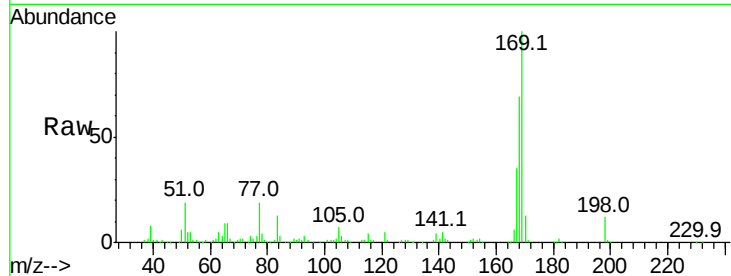
ClientSampleId :

SU-02-061617MSD

Tot Ion:	169	Resp:	228995
Ion Ratio	Lower	Upper	
169	100		
168	68.6	53.2	79.8
167	35.3	29.5	44.3

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#66

4-Bromophenyl-phenylether

Concen: 46.18 ng

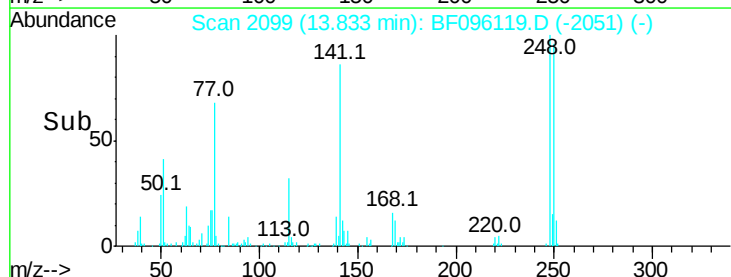
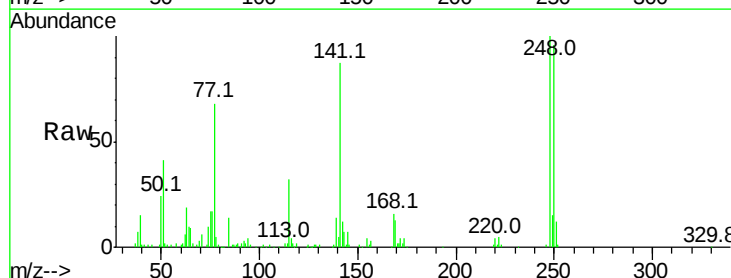
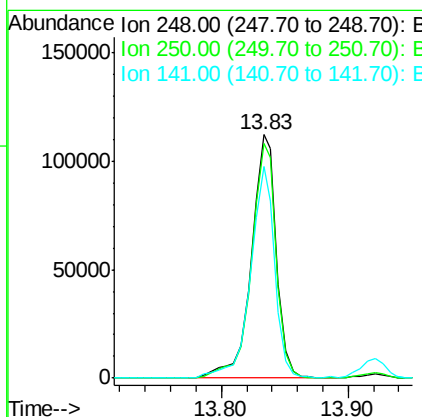
RT: 13.83 min Scan# 2099

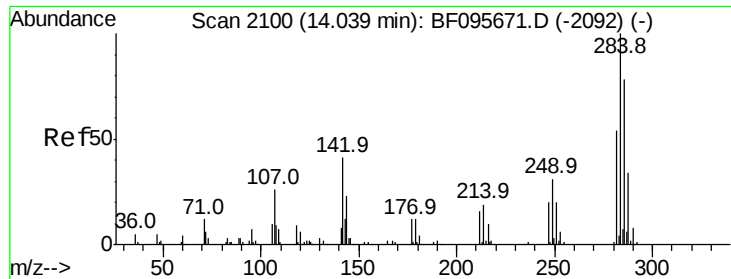
Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:	248	Resp:	155100
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.8	115.2
141	87.0	68.6	103.0





#67

Hexachlorobenzene

Concen: 44.88 ng

RT: 13.92 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

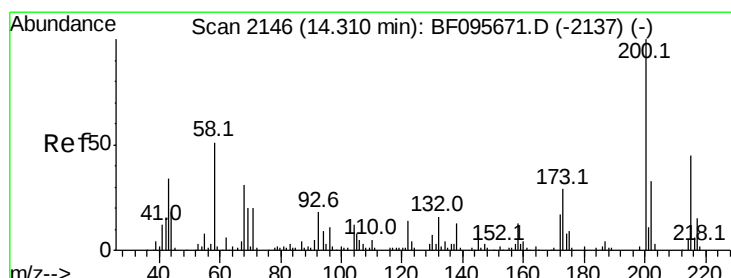
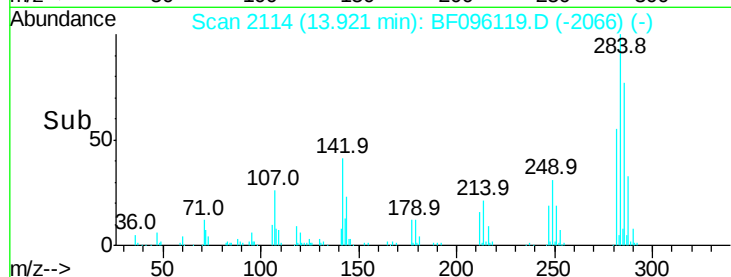
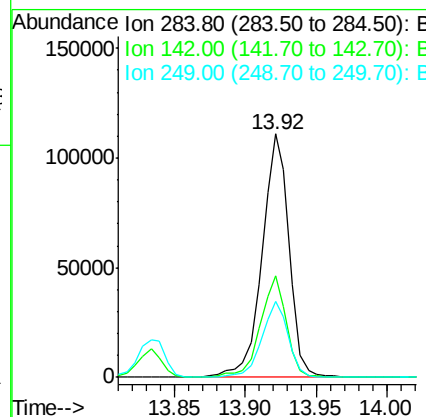
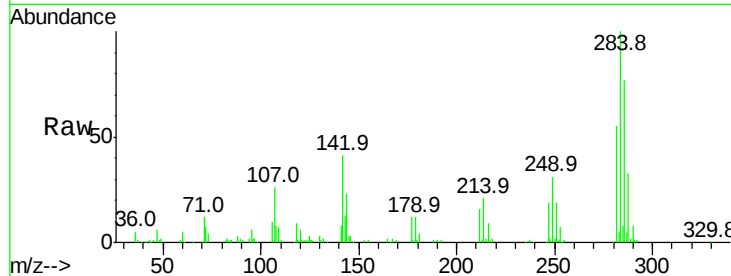
ClientSampleId :

SU-02-061617MSD

Tot Ion:	284	Resp:	148542
Ion Ratio	Lower	Upper	
284	100		
142	41.5	22.8	34.2#
249	31.4	24.0	36.0

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#68

Atrazine

Concen: 5.74 ng

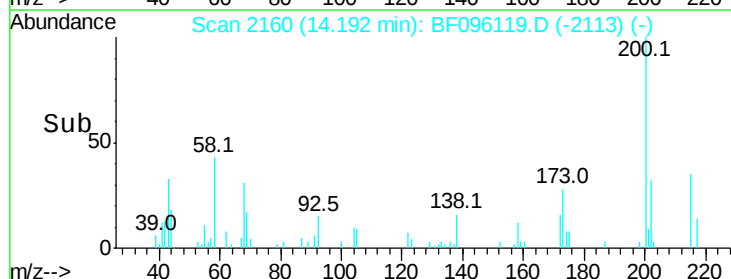
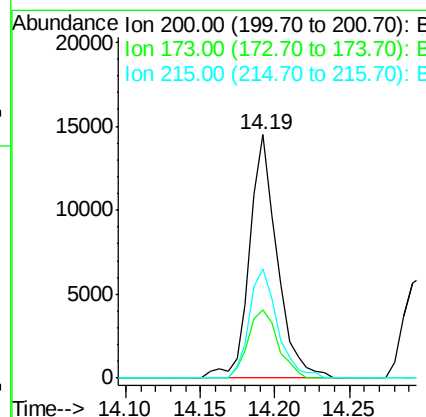
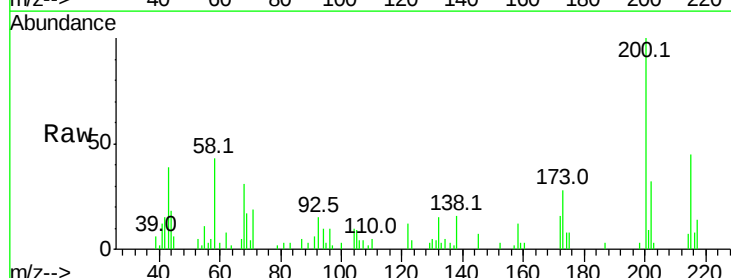
RT: 14.19 min Scan# 2160

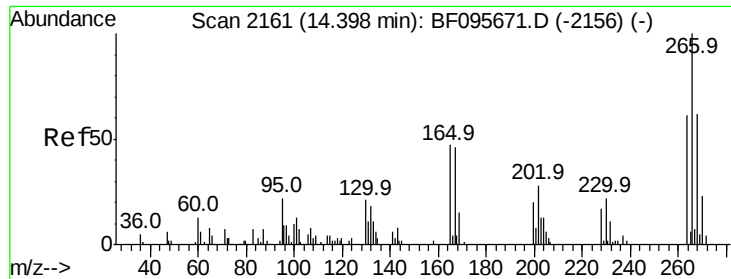
Delta R.T. -0.02 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:	200	Resp:	18555
Ion Ratio	Lower	Upper	
200	100		
173	28.1	6.3	46.3
215	44.7	27.2	67.2





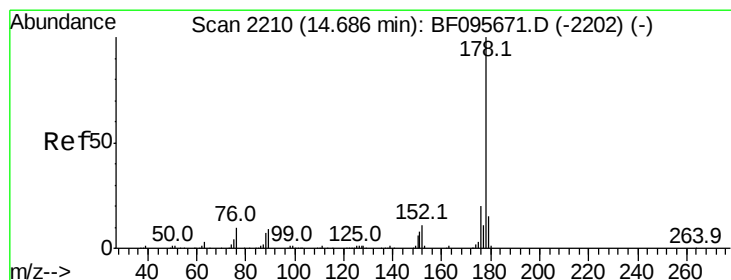
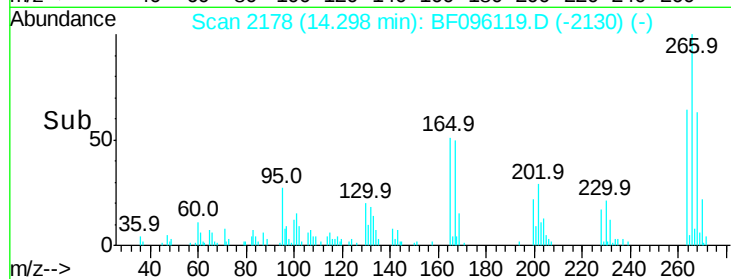
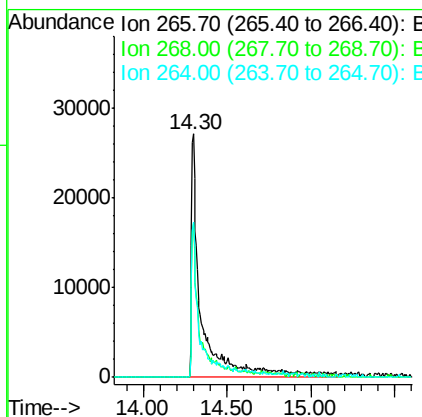
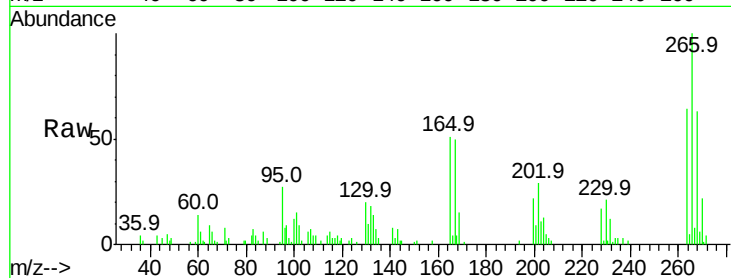
#69
 Pentachlorophenol
 Concen: 91.50 ng/ml
 RT: 14.30 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	116131		
268	63.5	51.1	76.7	
264	63.9	51.7	77.5	

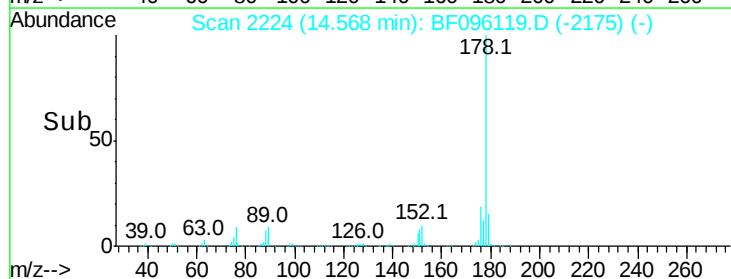
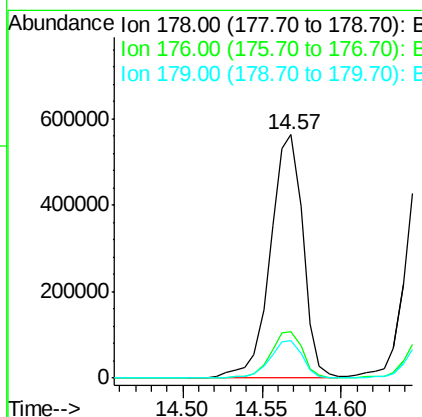
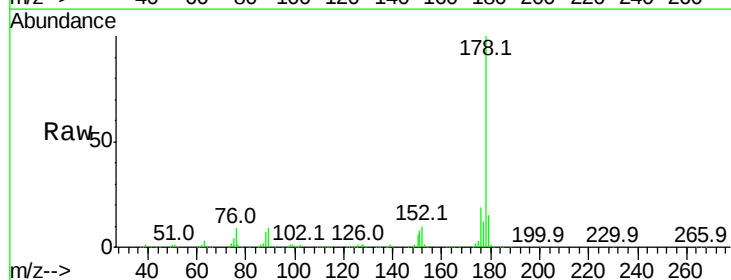
Manual Integrations
 APPROVED

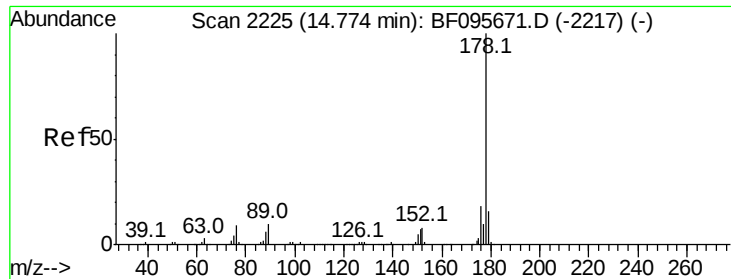
mohammad
 6/26/2017 8:27:23 AM



#70
 Phenanthrene
 Concen: 43.22 ng
 RT: 14.57 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	805887		
176	19.2	16.2	24.4	
179	15.5	12.6	19.0	





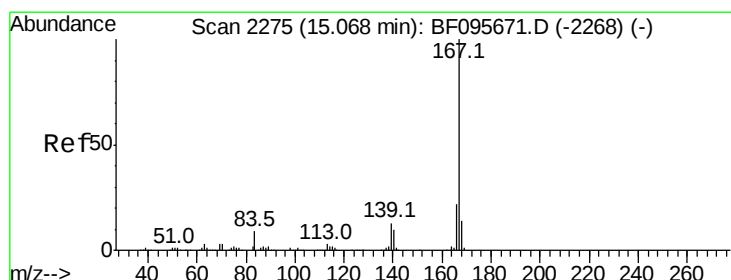
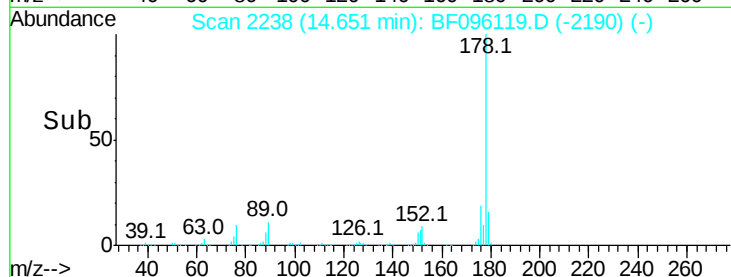
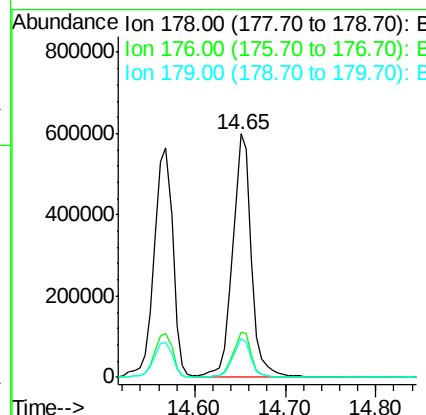
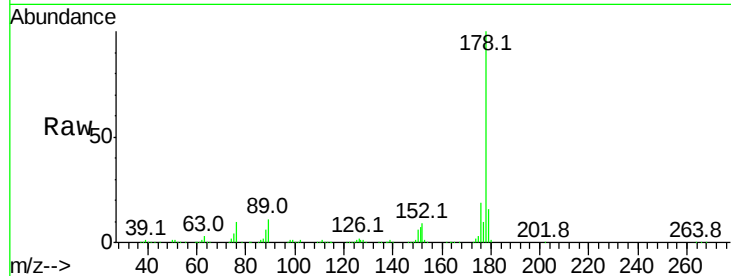
#71
 Anthracene
 Concen: 44.26 ng
 RT: 14.65 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.9	12.7	19.1

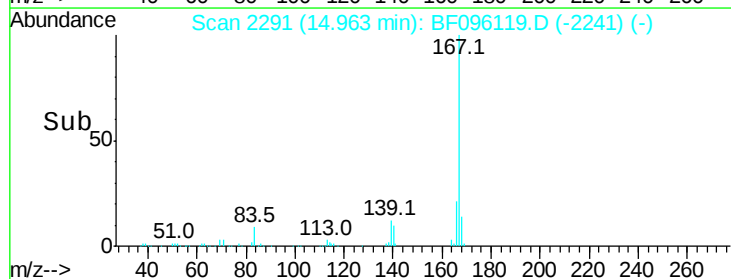
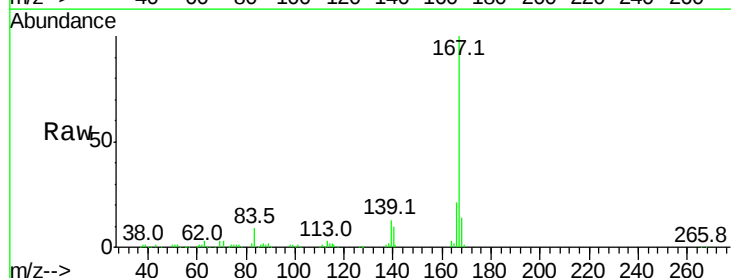
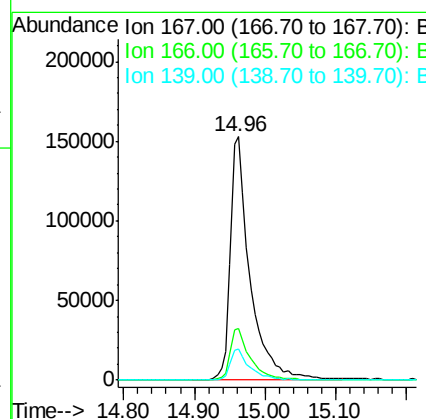
Manual Integrations
 APPROVED

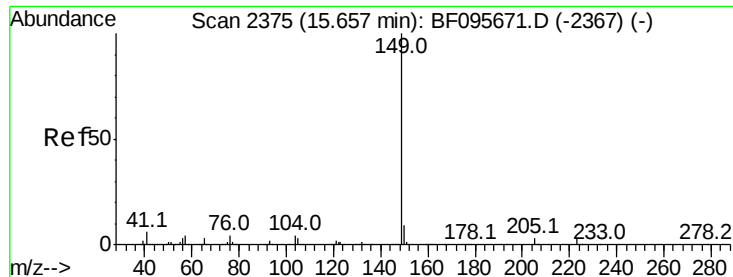
mohammad
 6/26/2017 8:27:23 AM



#72
 Carbazole
 Concen: 15.68 ng
 RT: 14.96 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.1	27.1
139	12.8	11.7	17.5





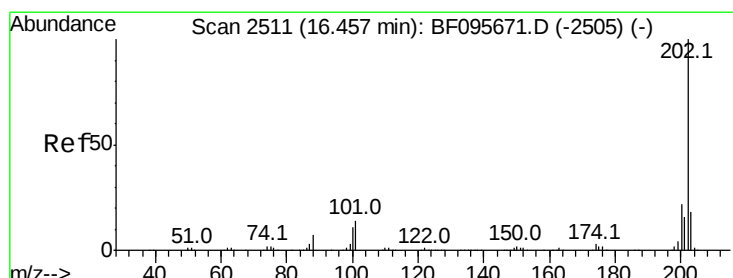
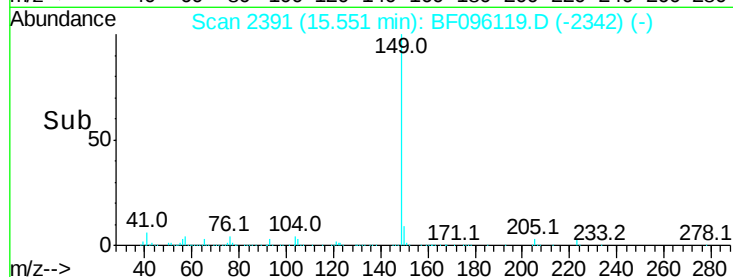
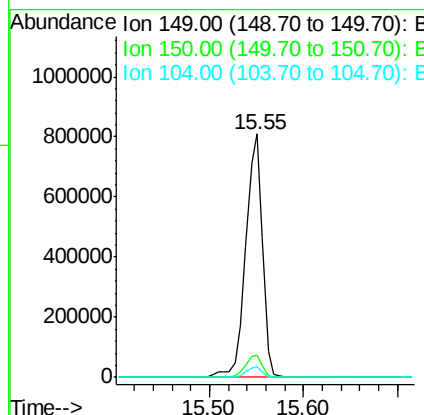
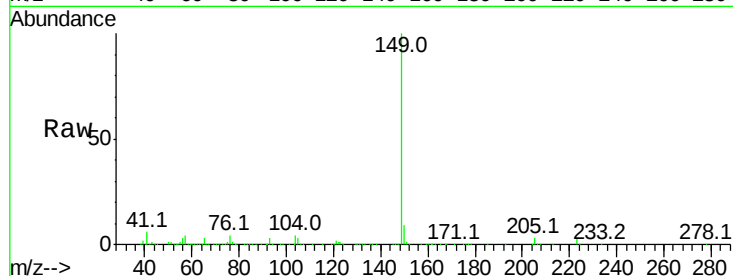
#73
Di-n-butylphthalate
Concen: 49.47 ng
RT: 15.55 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.4	4.0	6.0

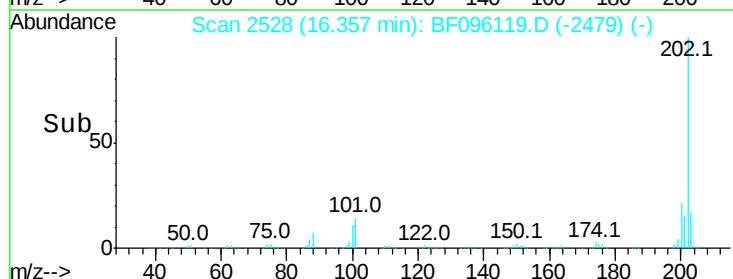
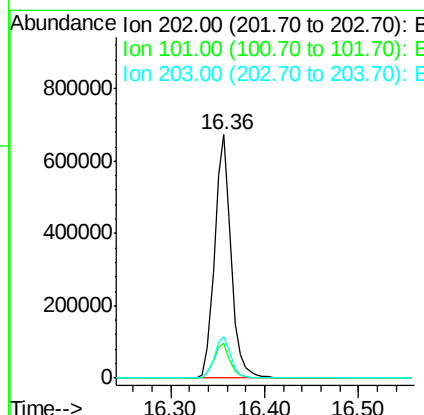
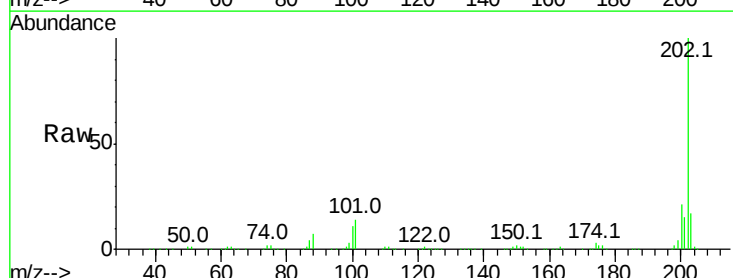
Manual Integrations
APPROVED

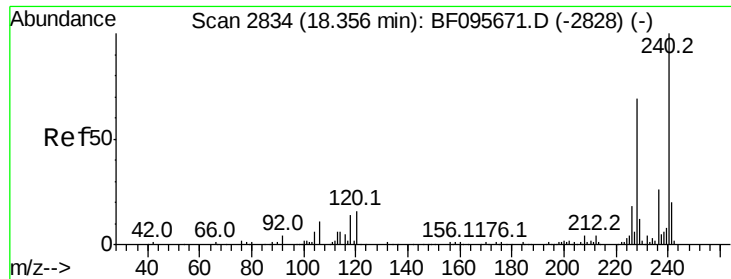
mohammad
6/26/2017 8:27:23 AM



#74
Fluoranthene
Concen: 44.96 ng
RT: 16.36 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.2	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.26 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

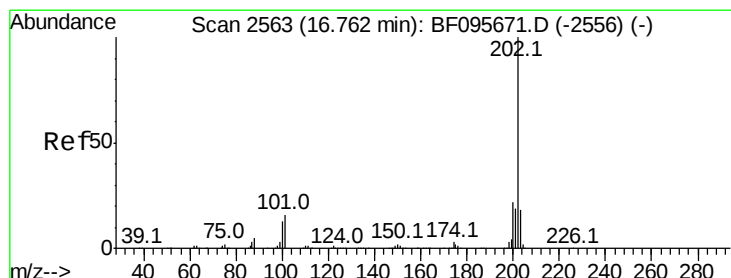
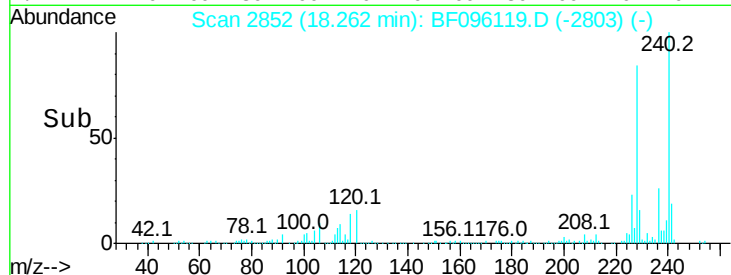
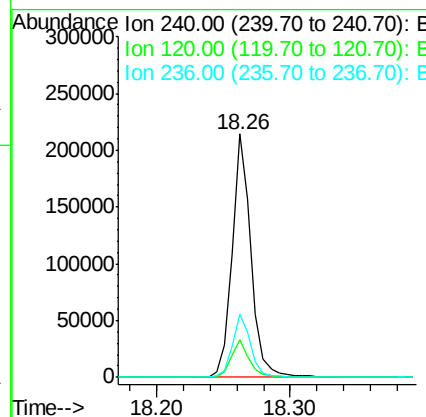
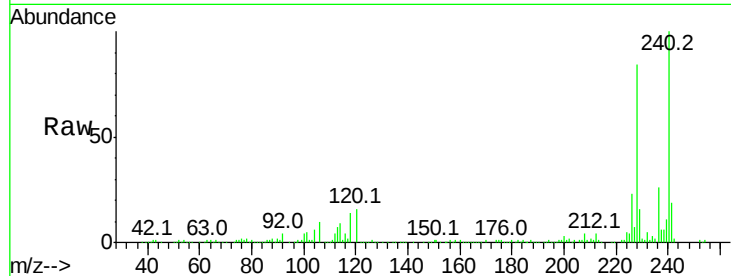
ClientSampleId :

SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#77

Pyrene

Concen: 51.20 ng

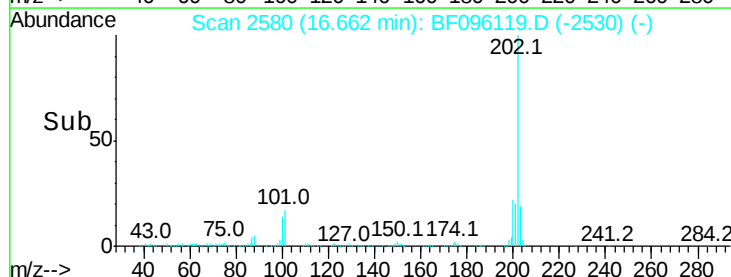
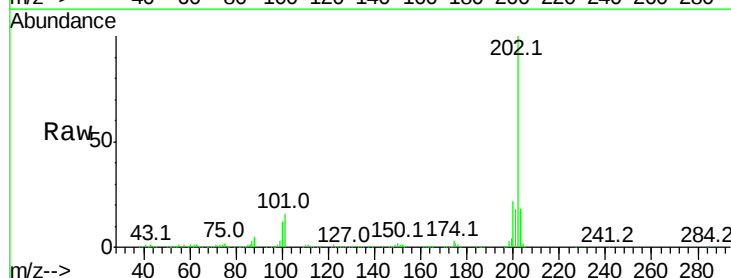
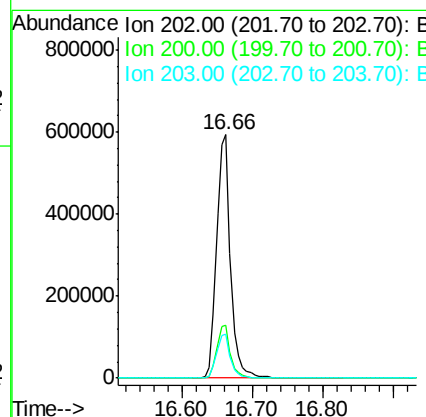
RT: 16.66 min Scan# 2580

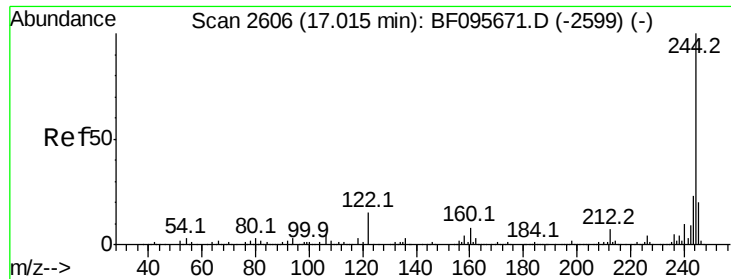
Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.2	14.4	21.6





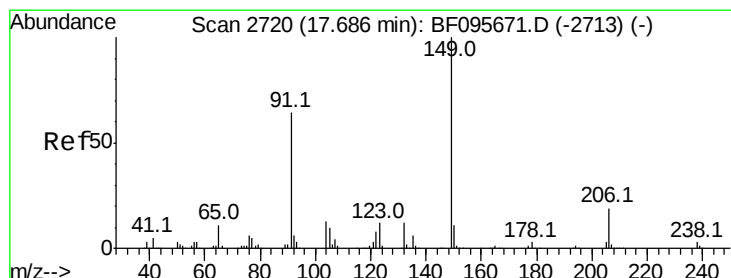
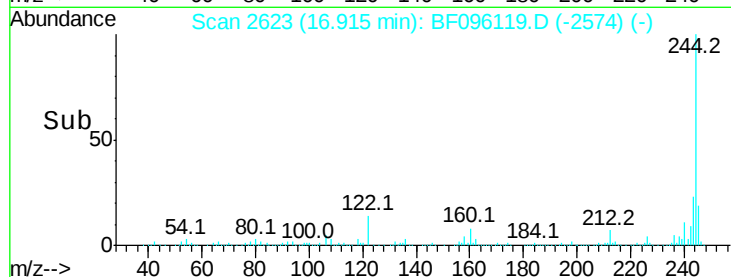
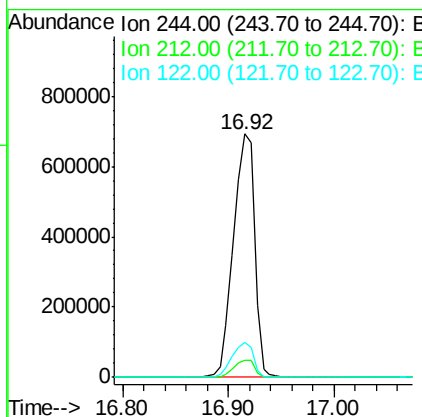
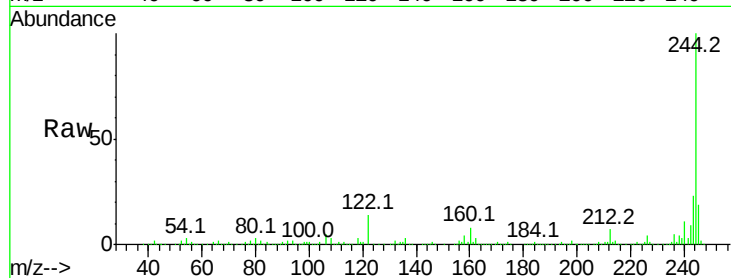
#78
 Terphenyl-d14
 Concen: 111.25 ng
 RT: 16.92 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	6.0	9.0	
122	14.5	10.3	15.5	

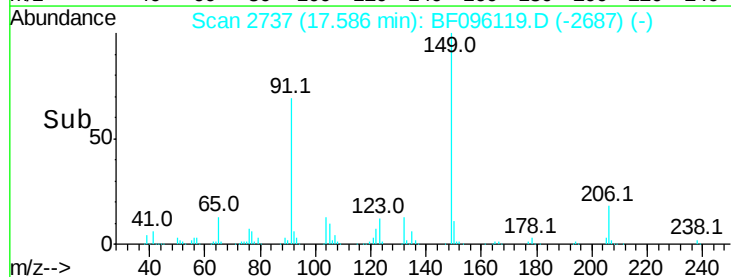
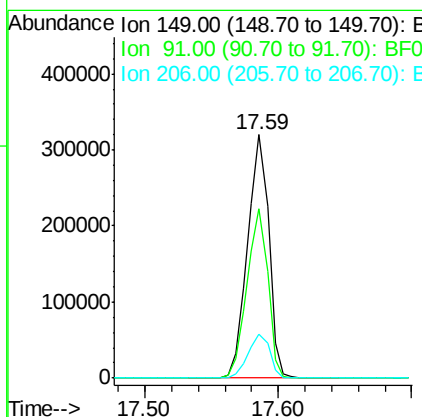
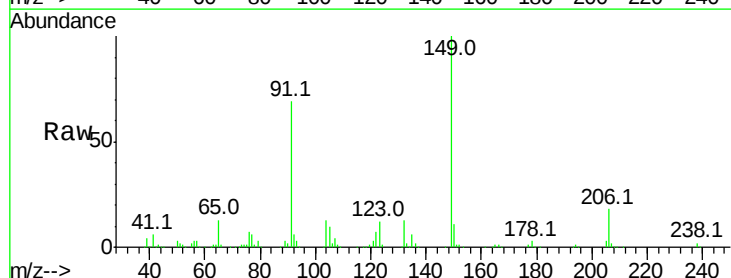
Manual Integrations
 APPROVED

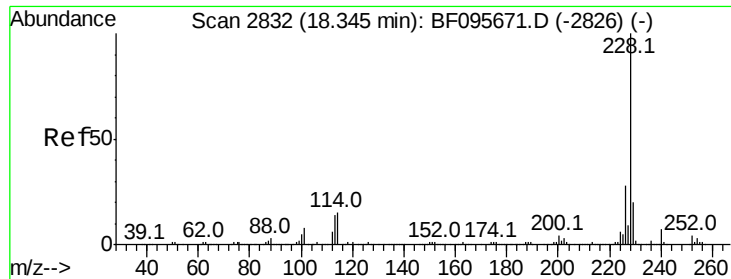
mohammad
 6/26/2017 8:27:23 AM



#79
 Butylbenzylphthalate
 Concen: 50.34 ng
 RT: 17.59 min Scan# 2737
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	69.4	45.0	67.4	
206	18.0	17.0	25.6	





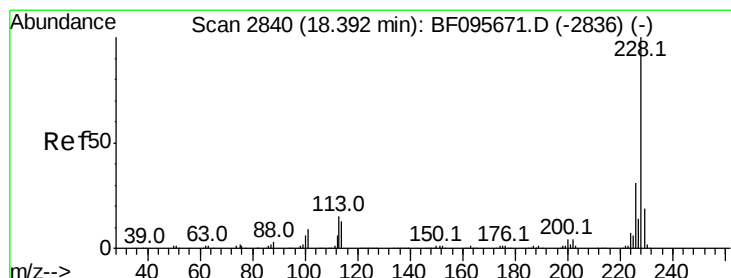
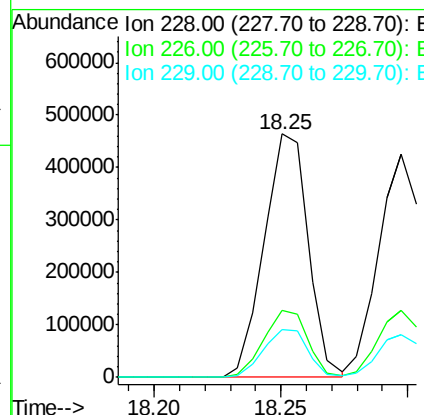
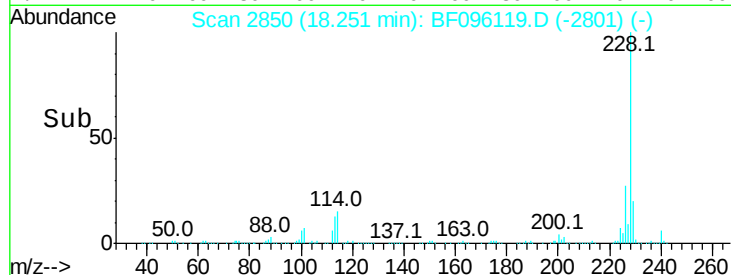
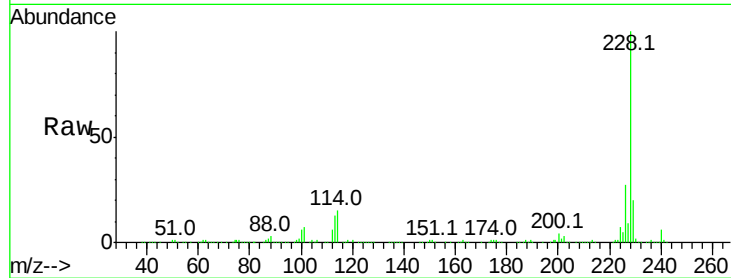
#80
Benzo(a)anthracene
Concen: 45.14 ng
RT: 18.25 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.8	16.3	24.5

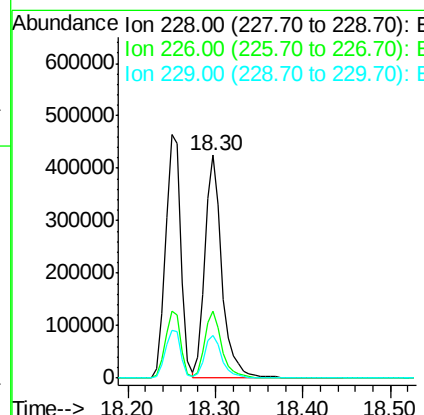
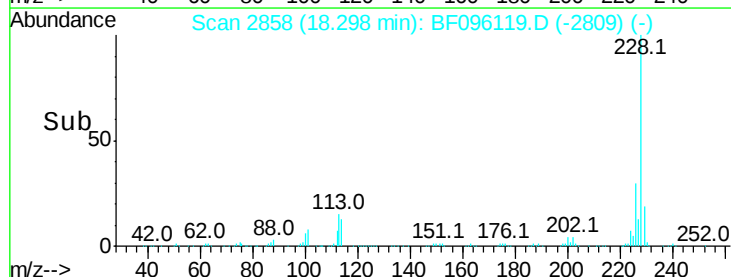
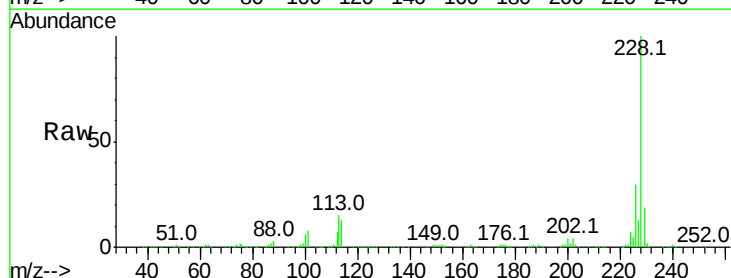
Manual Integrations
APPROVED

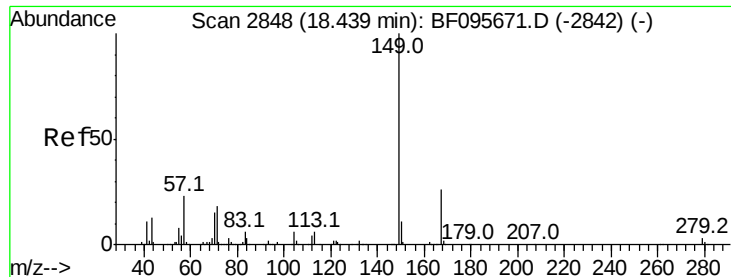
mohammad
6/26/2017 8:27:23 AM



#82
Chrysene
Concen: 46.72 ng
RT: 18.30 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.3	15.8	23.6





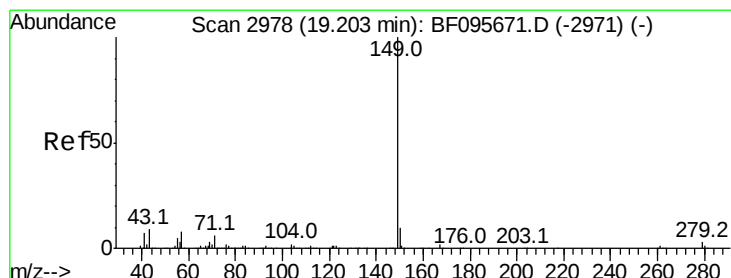
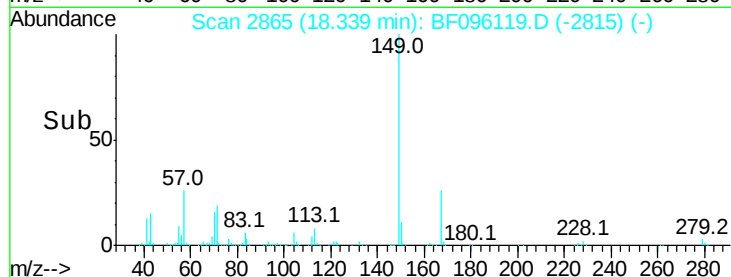
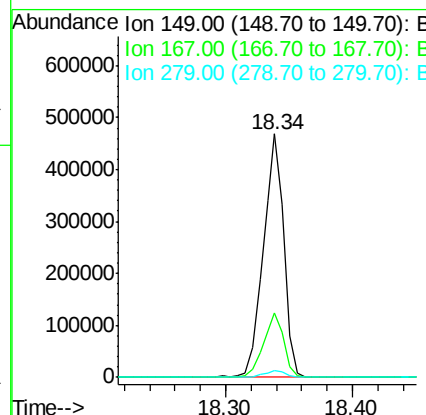
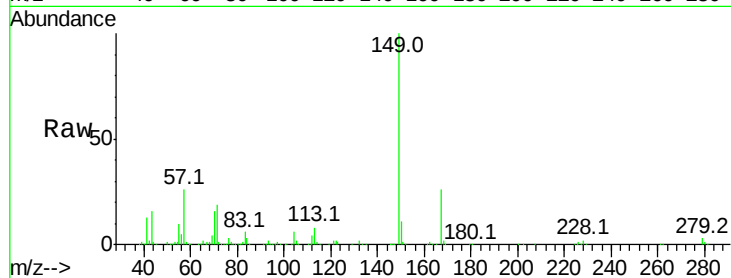
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.09 ng
 RT: 18.34 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.3	21.0	31.4
279	3.0	1.9	2.9

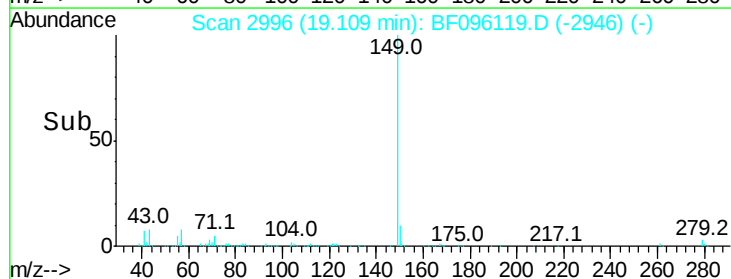
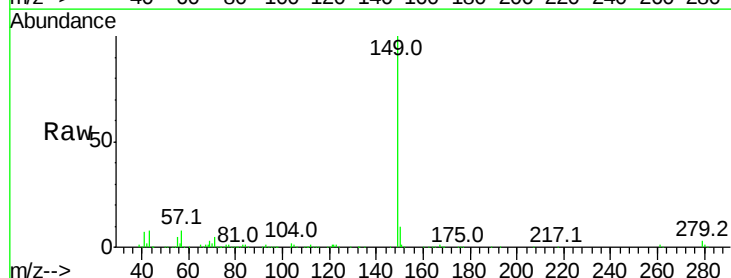
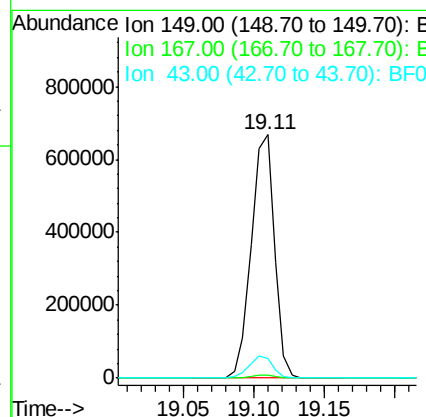
Manual Integrations
 APPROVED

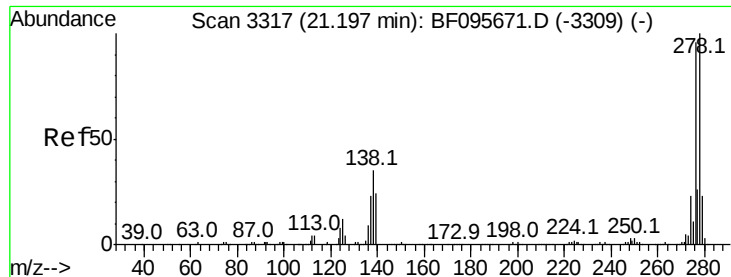
mohammad
 6/26/2017 8:27:23 AM



#84
 Di-n-octyl phthalate
 Concen: 47.81 ng
 RT: 19.11 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	9.0	8.5	12.7





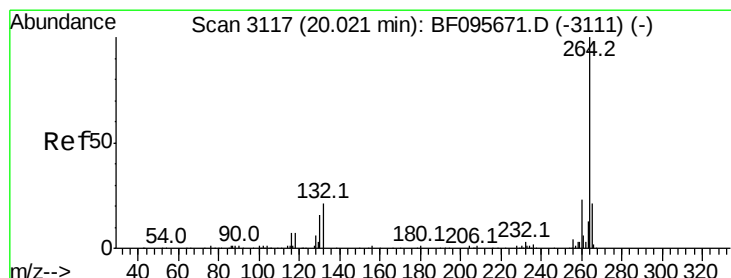
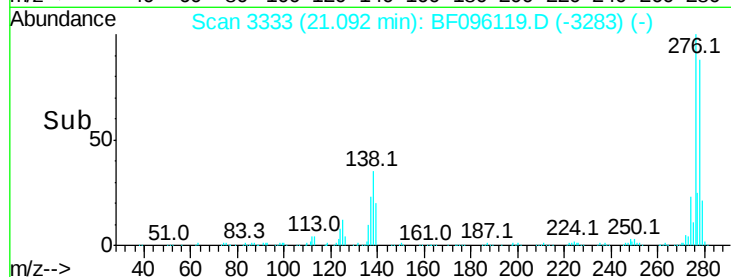
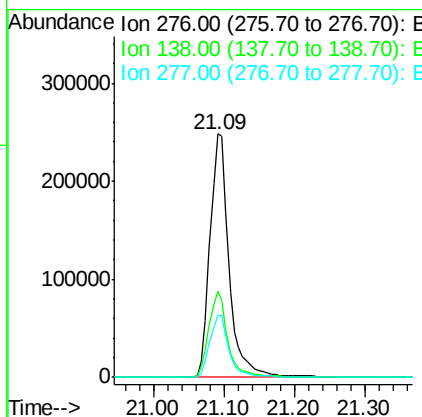
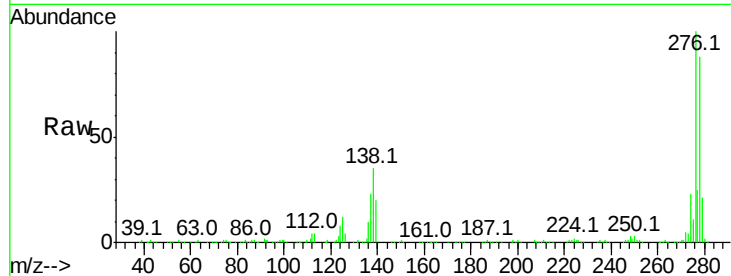
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.35 ng
RT: 21.09 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	25.7	20.2	30.4

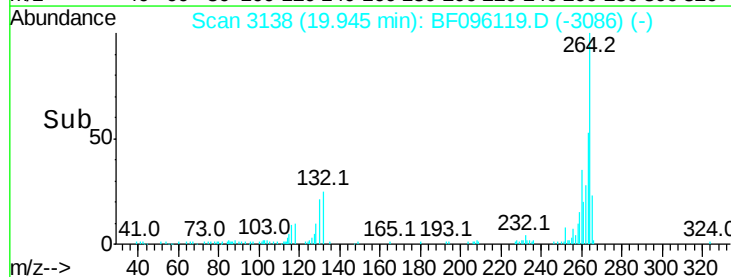
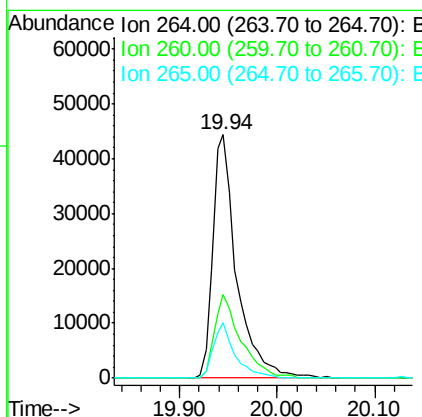
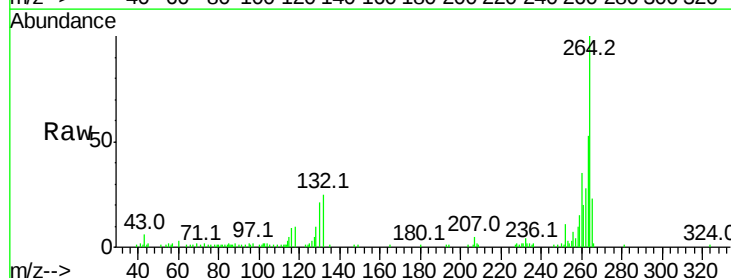
Manual Integrations
APPROVED

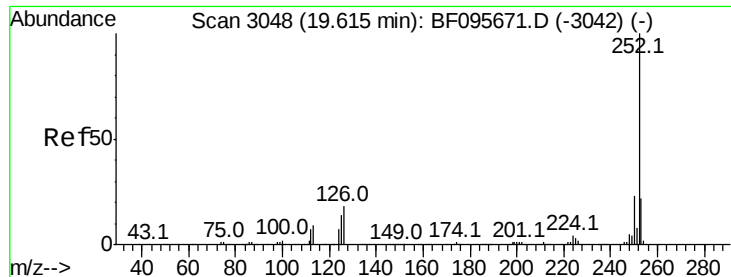
mohammad
6/26/2017 8:27:23 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	34.5	19.5	29.3#
265	22.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 94.41 ng

RT: 19.53 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Instrument :

BNA_F

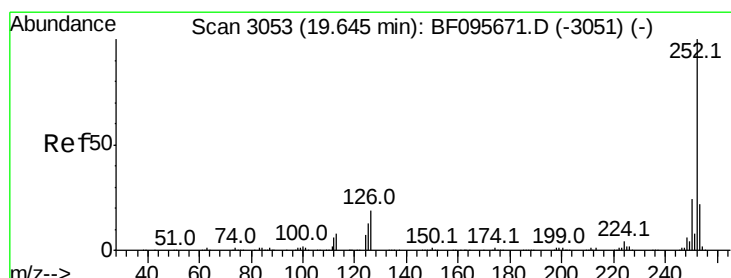
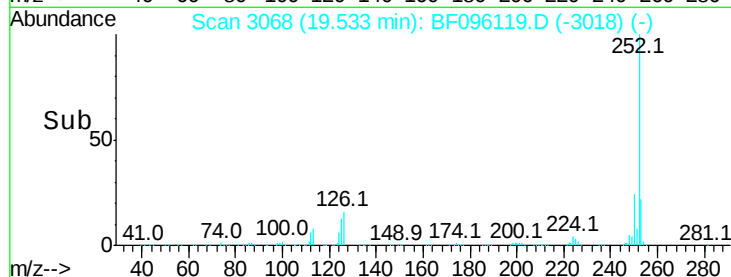
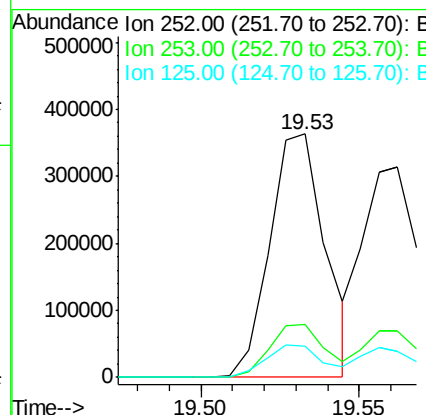
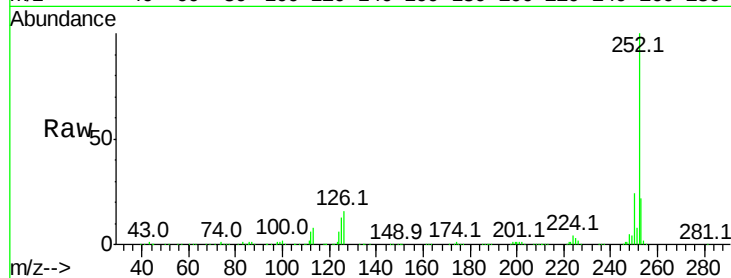
ClientSampleId :

SU-02-061617MSD

Tot Ion:252	Resp:	442996
Ion Ratio	Lower	Upper
252	100	
253	21.7	18.1 27.1
125	12.8	9.8 14.8

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



#88

Benzo(k)fluoranthene

Concen: 99.67 ng

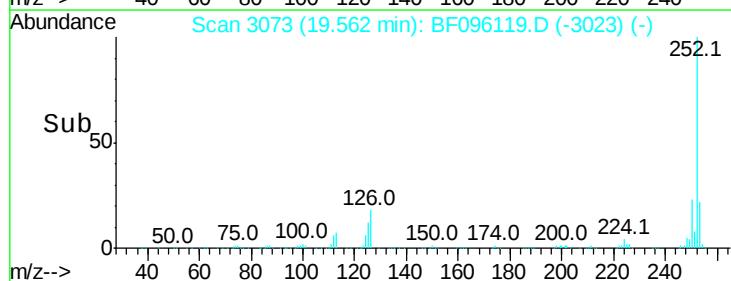
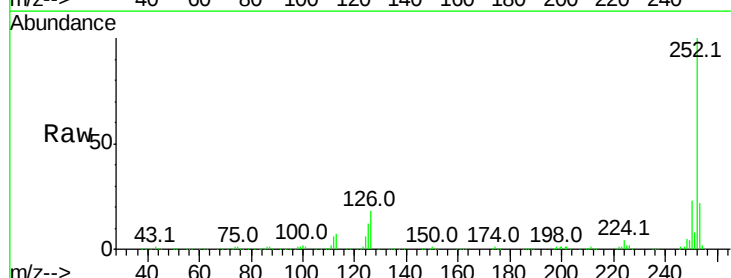
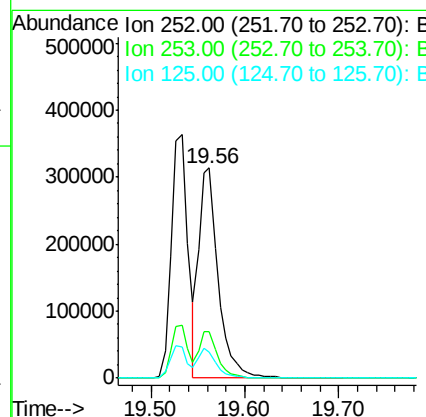
RT: 19.56 min Scan# 3073

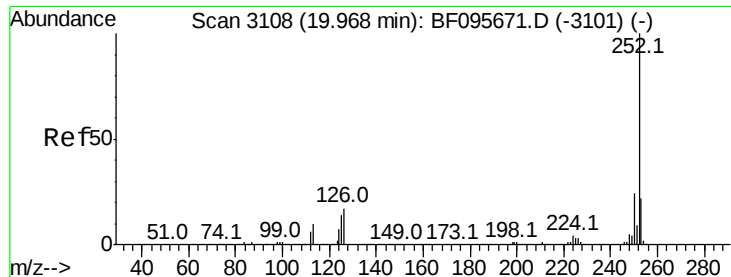
Delta R.T. -0.01 min

Lab File: BF096119.D

Acq: 22 Jun 2017 13:35

Tgt Ion:252	Resp:	447014
Ion Ratio	Lower	Upper
252	100	
253	21.8	18.4 27.6
125	12.3	13.1 19.7#





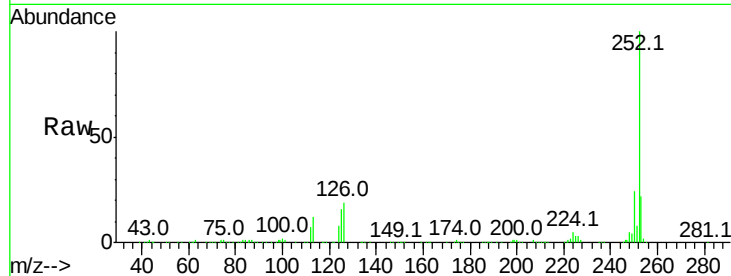
#89
Benzo(a)pyrene
Concen: 90.10 ng
RT: 19.88 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

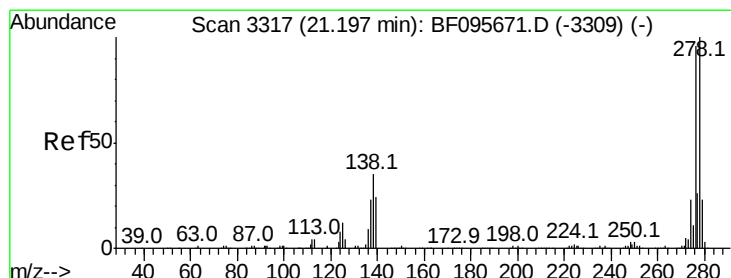
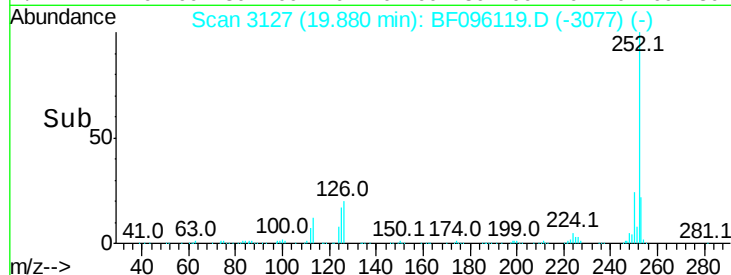
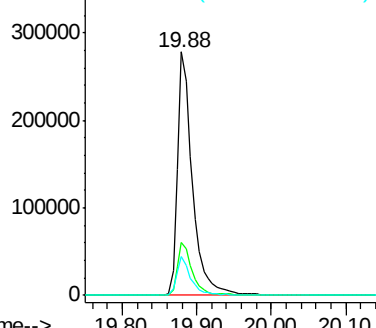
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	16.1	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/26/2017 8:27:23 AM



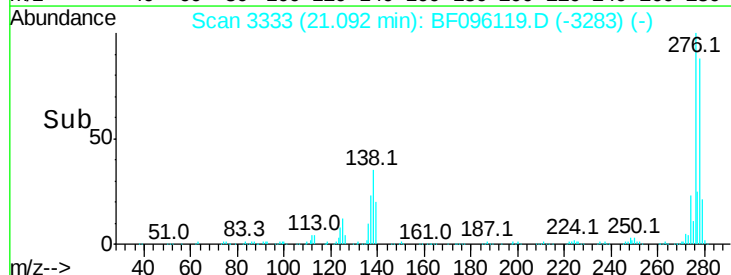
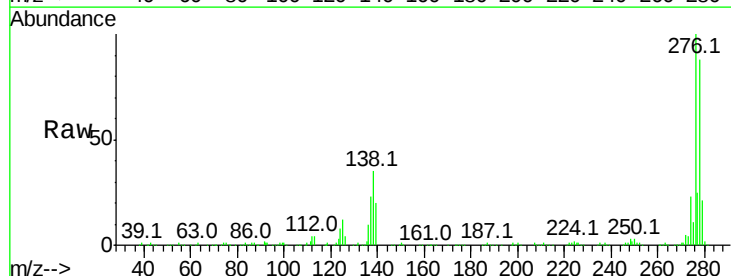
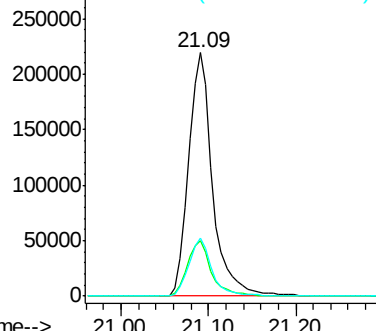
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

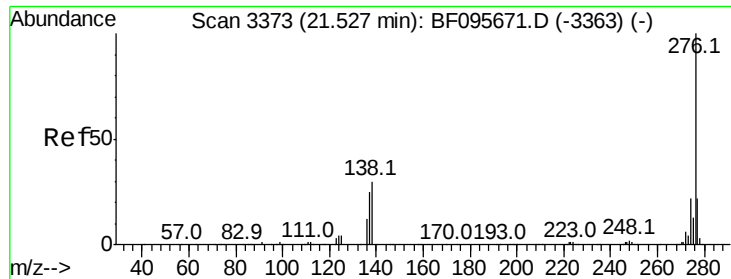


#90
Dibenzo(a,h)anthracene
Concen: 113.72 ng
RT: 21.09 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF096119.D
Acq: 22 Jun 2017 13:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	23.9	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: 93.67 ng
 RT: 21.42 min Scan# 3388
 Delta R.T. -0.01 min
 Lab File: BF096119.D
 Acq: 22 Jun 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	30.4	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:27:23 AM

