

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
 Data File : BF095718.D
 Acq On : 6 Jun 2017 20:00
 Operator : SJ/MA
 Sample : I3469-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

Manual Integrations
 APPROVED

mohammad
 6/7/2017 2:18:42 PM

Quant Time: Jun 07 03:45:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	74624	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	317120	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	149103	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	265630	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	186510	20.00	ng	-0.01
86) Perylene-d12	20.01	264	136865	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	637208	136.06	ng	0.00
7) Phenol-d6	6.95	99	766279	136.68	ng	0.00
23) Nitrobenzene-d5	8.30	82	455606	89.23	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	168556	127.77	ng	-0.01
44) 2-Fluorobiphenyl	11.20	172	901789	84.16	ng	-0.02
78) Terphenyl-d14	17.00	244	709975	94.47	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	1.75	88	66808	29.987 ng	95
3) Pyridine	2.34	79	77573	14.815 ng	93
4) n-Nitrosodimethylamine	2.26	42	79110	39.741 ng	84
6) Aniline	6.88	93	242531	33.066 ng	97
8) 2-Chlorophenol	7.06	128	220165	44.215 ng	96
9) Benzaldehyde	6.69	77	103486	27.364 ng	98
10) Phenol	6.96	94	266595	45.839 ng	89
11) bis(2-Chloroethyl)ether	7.03	93	190873	41.429 ng	99
12) 1,3-Dichlorobenzene	7.28	146	228346	40.514 ng	97
13) 1,4-Dichlorobenzene	7.41	146	234412	41.013 ng	98
14) 1,2-Dichlorobenzene	7.64	146	221070	41.956 ng	96
15) Benzyl Alcohol	7.69	79	175348	45.567 ng	96
16) 2,2'-oxybis(1-Chloropropan	7.88	45	271136	41.886 ng	96
17) 2-Methylphenol	7.91	107	180781	43.261 ng	96
18) Hexachloroethane	8.16	117	77413	41.009 ng	# 87
19) n-Nitroso-di-n-propylamine	8.12	70	154227	43.407 ng	95
20) 3+4-Methylphenols	8.17	107	235527	44.401 ng	# 60
22) Acetophenone	8.07	105	307364	41.410 ng	# 84
24) Nitrobenzene	8.33	77	216768	39.741 ng	92
25) Isophorone	8.73	82	399101	41.859 ng	96
26) 2-Nitrophenol	8.84	139	120080	42.041 ng	98
27) 2,4-Dimethylphenol	8.99	122	198332	44.743 ng	99
28) bis(2-Chloroethoxy)methane	9.12	93	264424	42.073 ng	99
29) 2,4-Dichlorophenol	9.26	162	190589	44.645 ng	95
30) 1,2,4-Trichlorobenzene	9.35	180	184651	41.569 ng	98
31) Naphthalene	9.45	128	633322	39.794 ng	99
32) Benzoic acid	9.28	122	24884	13.142 ng	95
33) 4-Chloroaniline	9.59	127	223514	35.932 ng	# 91
34) Hexachlorobutadiene	9.67	225	91391	39.818 ng	98
35) Caprolactam	10.22	113	43951m	34.599 ng	
36) 4-Chloro-3-methylphenol	10.47	107	199019	44.535 ng	91
37) 2-Methylnaphthalene	10.57	142	443532	41.246 ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.86	216	175301	39.284 ng	99
40) Hexachlorocyclopentadiene	10.83	237	102674	74.330 ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
 Data File : BF095718.D
 Acq On : 6 Jun 2017 20:00
 Operator : SJ/MA
 Sample : I3469-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

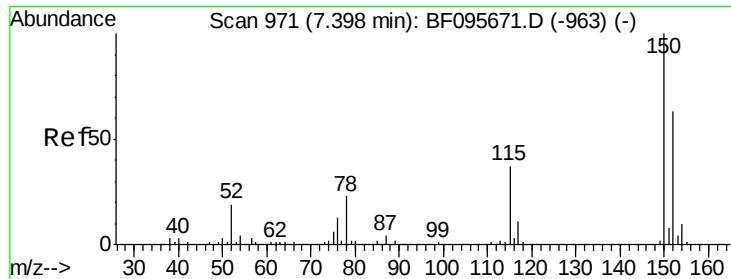
Manual Integrations
 APPROVED

mohammad
 6/7/2017 2:18:42 PM

Quant Time: Jun 07 03:45:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.08	196	122744	42.781	ng	100
43) 2,4,5-Trichlorophenol	11.16	196	121856	39.929	ng	93
45) 1,1'-Biphenyl	11.35	154	498792	40.589	ng	96
46) 2-Chloronaphthalene	11.36	162	383875	39.980	ng	96
47) 2-Nitroaniline	11.57	65	113409	40.362	ng	# 79
48) Acenaphthylene	12.01	152	613201	37.348	ng	99
49) Dimethylphthalate	11.90	163	637041	56.271	ng	100
50) 2,6-Dinitrotoluene	12.00	165	101417	41.071	ng	# 87
51) Acenaphthene	12.29	154	361170	38.088	ng	99
52) 3-Nitroaniline	12.26	138	101213	35.181	ng	87
53) 2,4-Dinitrophenol	12.47	184	38493	31.777	ng	# 66
54) Dibenzofuran	12.58	168	561408	42.065	ng	98
55) 4-Nitrophenol	12.64	139	124667	74.552	ng	# 78
56) 2,4-Dinitrotoluene	12.66	165	137985	41.371	ng	# 87
57) Fluorene	13.13	166	440201	37.902	ng	98
58) 2,3,4,6-Tetrachlorophenol	12.82	232	96478	46.204	ng	# 91
59) Diethylphthalate	13.05	149	460076	42.228	ng	99
60) 4-Chlorophenyl-phenylether	13.16	204	202798	40.152	ng	87
61) 4-Nitroaniline	13.26	138	107538	40.034	ng	95
62) Azobenzene	13.42	77	412226	41.748	ng	93
64) 4,6-Dinitro-2-methylphenol	13.33	198	51863	29.704	ng	# 71
65) n-Nitrosodiphenylamine	13.37	169	389473	40.804	ng	100
66) 4-Bromophenyl-phenylether	13.94	248	111671	40.451	ng	94
67) Hexachlorobenzene	14.02	284	110211	40.514	ng	# 87
68) Atrazine	14.30	200	116741	43.947	ng	95
69) Pentachlorophenol	14.38	266	75297	73.577	ng	97
70) Phenanthrene	14.67	178	611719	39.912	ng	98
71) Anthracene	14.76	178	621065	38.814	ng	99
72) Carbazole	15.05	167	574017	36.812	ng	97
73) Di-n-butylphthalate	15.64	149	695939	41.951	ng	# 98
74) Fluoranthene	16.44	202	589237	38.843	ng	99
76) Benzidine	16.67	184	112295	15.677	ng	# 92
77) Pyrene	16.74	202	591934	42.535	ng	99
79) Butylbenzylphthalate	17.67	149	274907	45.231	ng	92
80) Benzo(a)anthracene	18.33	228	425004	39.193	ng	98
81) 3,3'-Dichlorobenzidine	18.32	252	128873	33.427	ng	# 93
82) Chrysene	18.37	228	416408	38.426	ng	98
83) Bis(2-ethylhexyl)phthalate	18.42	149	389602	45.443	ng	# 100
84) Di-n-octyl phthalate	19.19	149	602522	42.649	ng	96
85) Indeno(1,2,3-cd)pyrene	21.18	276	336734	36.317	ng	99
87) Benzo(b)fluoranthene	19.60	252	325486	37.980	ng	99
88) Benzo(k)fluoranthene	19.63	252	348179	42.504	ng	# 95
89) Benzo(a)pyrene	19.95	252	313296	39.774	ng	99
90) Dibenzo(a,h)anthracene	21.18	278	281905	42.191	ng	97
91) Benzo(g,h,i)perylene	21.51	276	294193	43.188	ng	98

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



#1

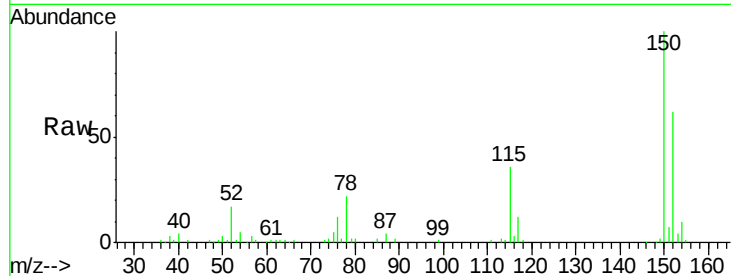
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

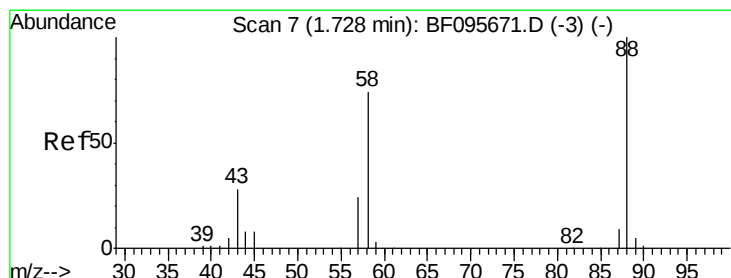
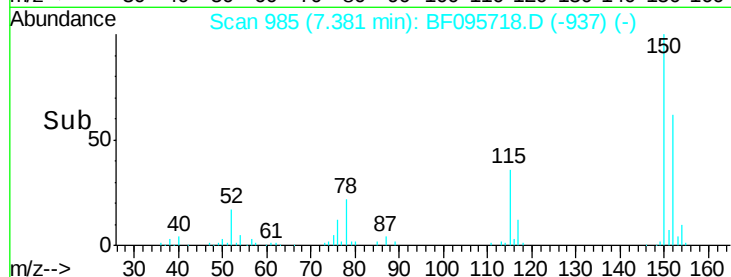
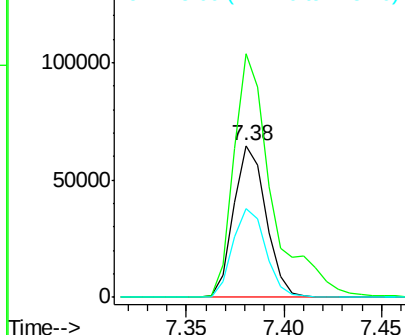
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	58.1	52.2	78.2

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



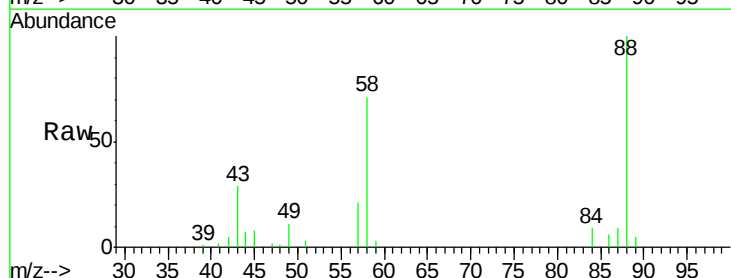
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



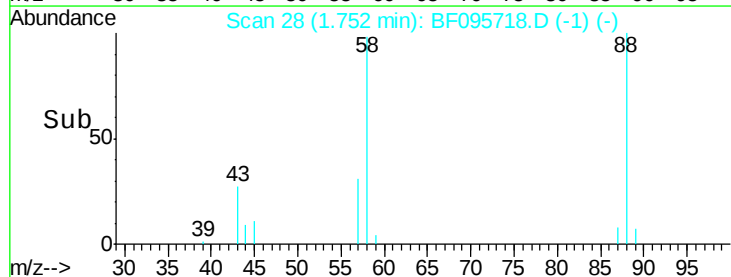
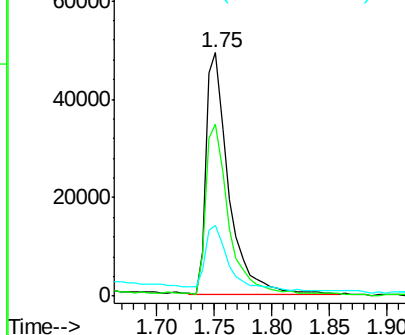
#2

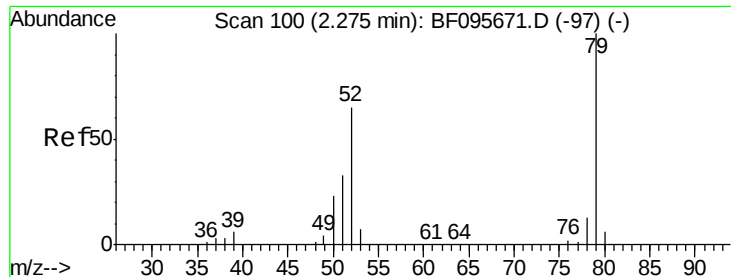
1,4-Dioxane
Concen: 29.987 ng
RT: 1.75 min Scan# 28
Delta R.T. 0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	61.4	92.0
43	30.0	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





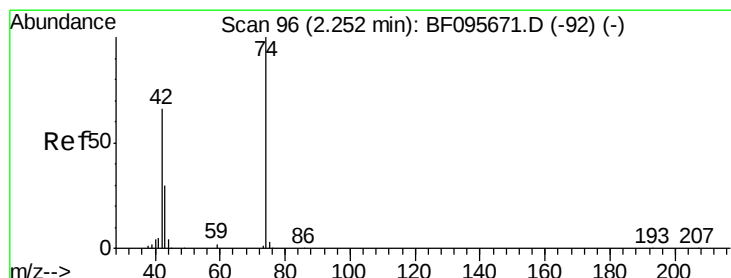
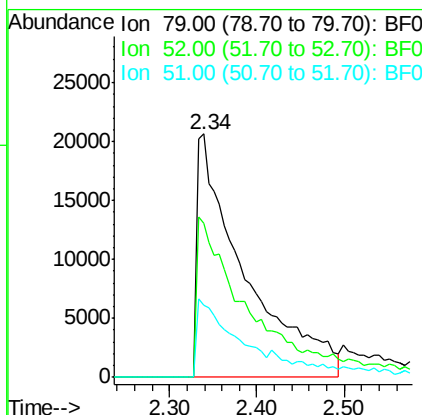
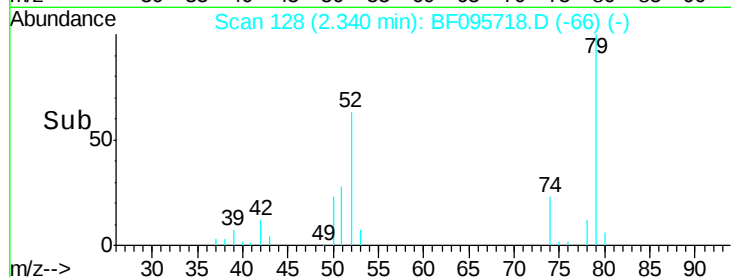
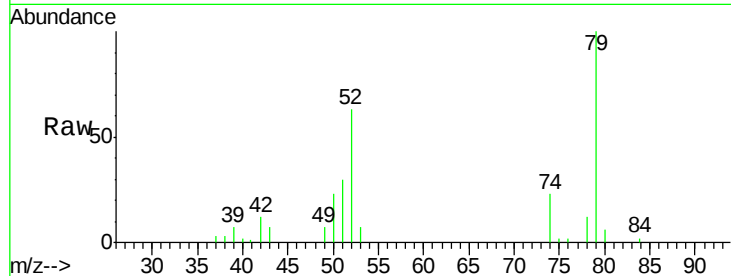
#3
 Pyridine
 Concen: 14.815 ng
 RT: 2.34 min Scan# 128
 Delta R.T. 0.06 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	63.0	54.8	82.2
51	29.9	27.0	40.4

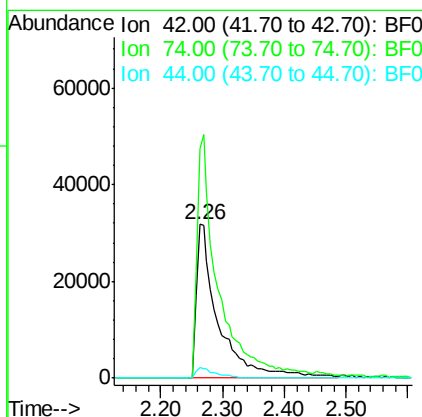
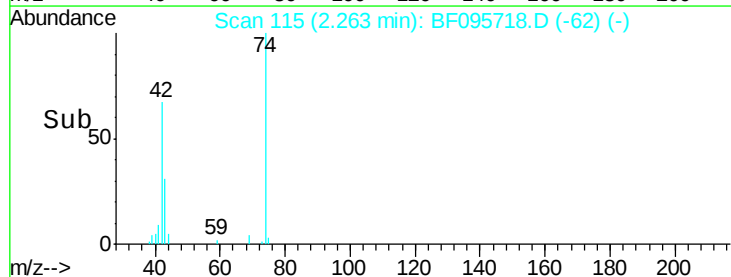
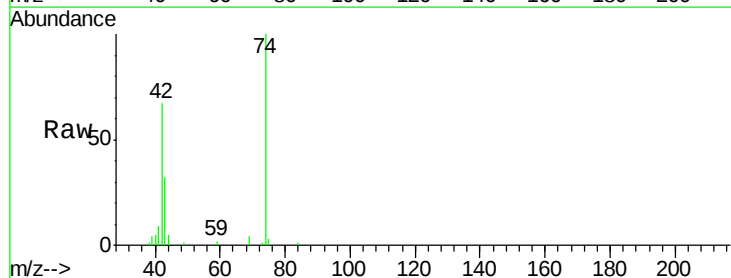
Manual Integrations
 APPROVED

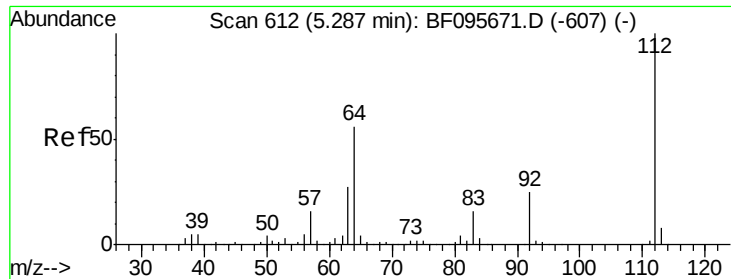
mohammad
 6/7/2017 2:18:42 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.741 ng
 RT: 2.26 min Scan# 115
 Delta R.T. 0.01 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.5	103.9	155.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 136.064 ng

RT: 5.28 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

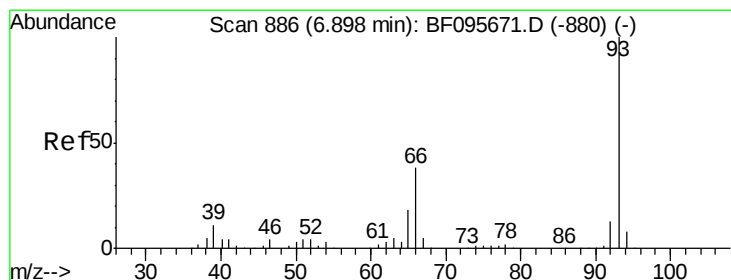
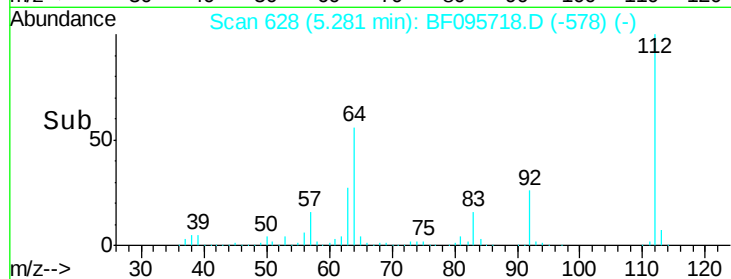
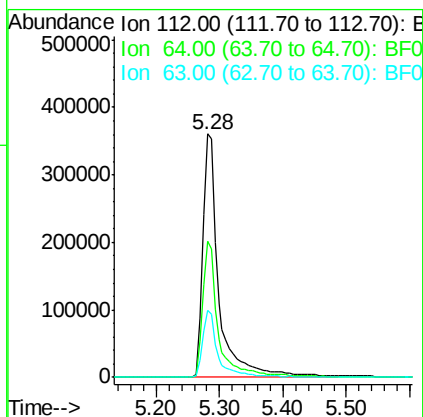
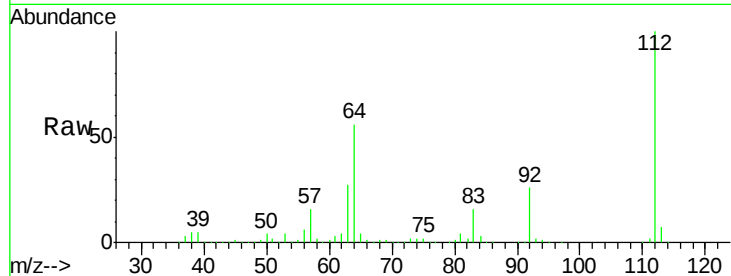
ClientSampleId :

SB-1(8-10)20170603MSD

Tgt Ion:	112	Resp:	637208
Ion Ratio	Lower	Upper	
112	100		
64	55.7	46.0	69.0
63	27.4	23.4	35.0

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



#6

Aniline

Concen: 33.066 ng

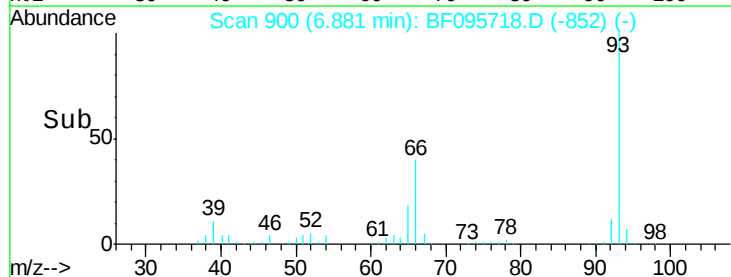
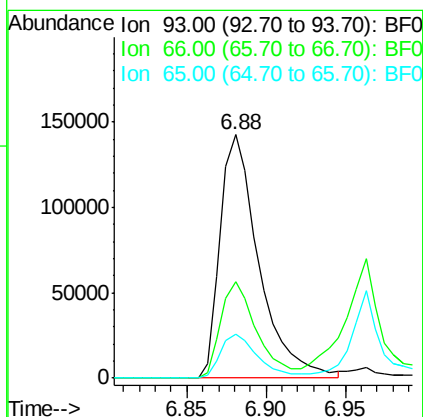
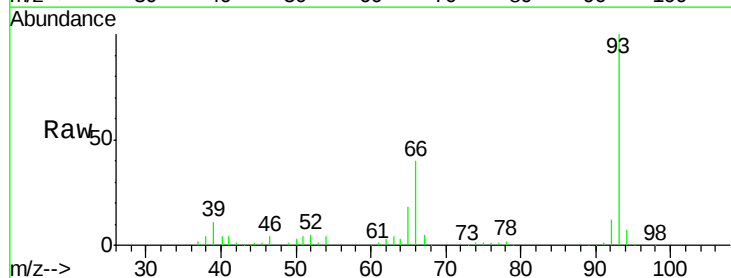
RT: 6.88 min Scan# 900

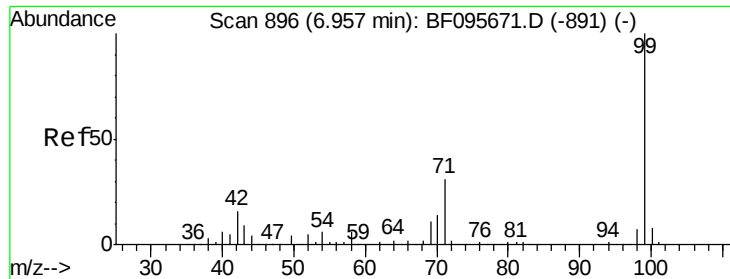
Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Tgt Ion:	93	Resp:	242531
Ion Ratio	Lower	Upper	
93	100		
66	39.5	32.9	49.3
65	17.9	16.0	24.0





#7

Phenol-d6

Concen: 136.676 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

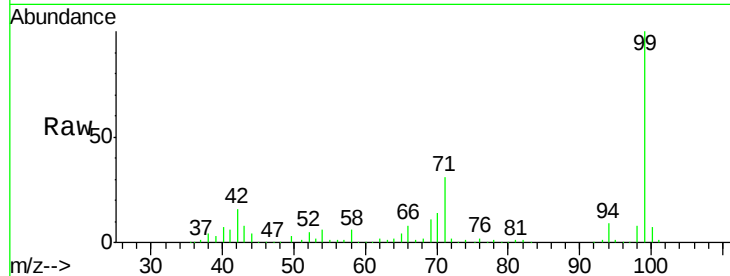
ClientSampleId :

SB-1(8-10)20170603MSD

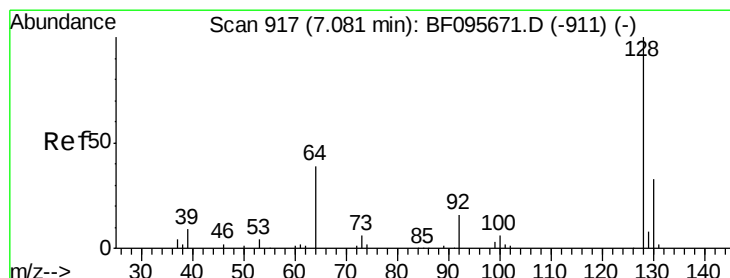
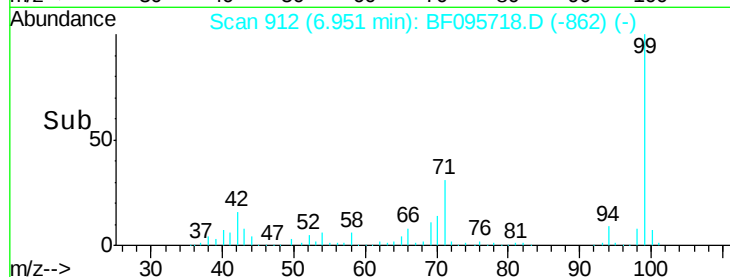
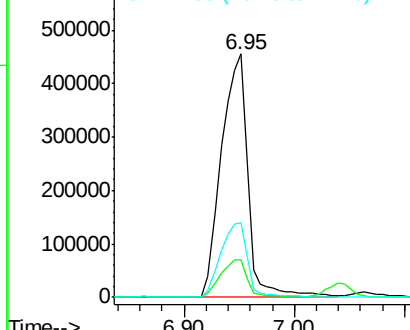
Tgt Ion:	99	Resp:	766279
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.5	20.3
71	30.7	24.5	36.7

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.215 ng

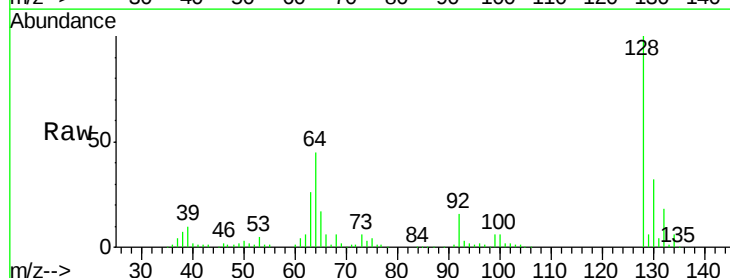
RT: 7.06 min Scan# 931

Delta R.T. -0.02 min

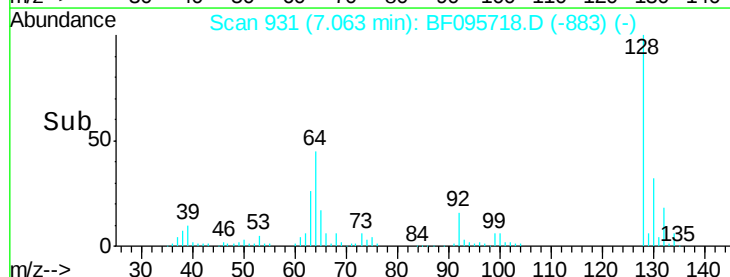
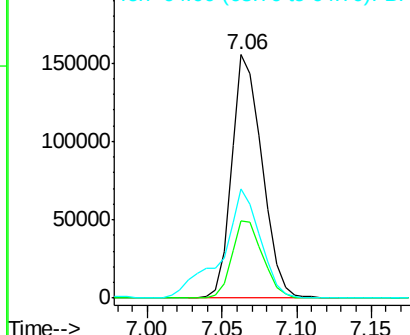
Lab File: BF095718.D

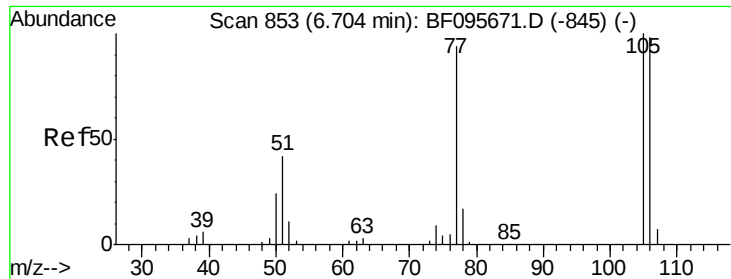
Acq: 6 Jun 2017 20:00

Tgt Ion:	128	Resp:	220165
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	44.7	28.4	68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.364 ng

RT: 6.69 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

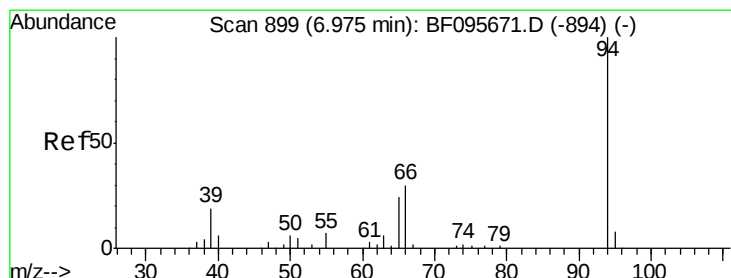
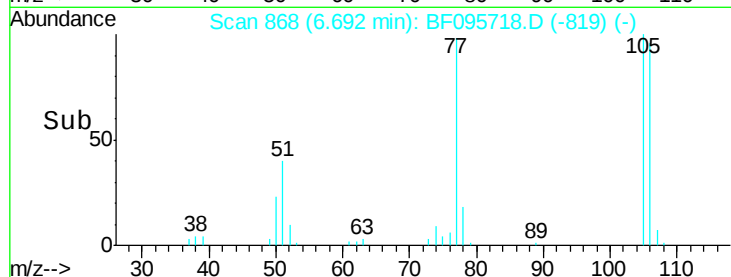
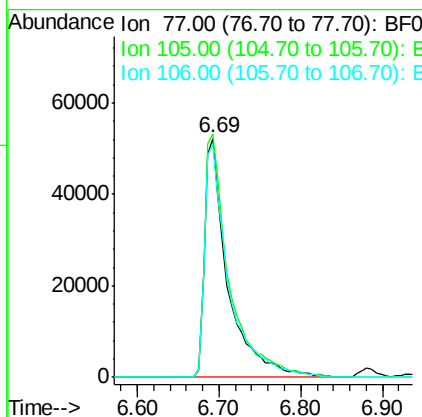
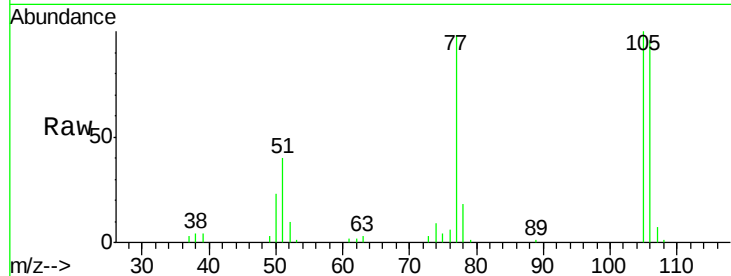
ClientSampleId :

SB-1(8-10)20170603MSD

Tgt Ion:	77	Resp:	103486
Ion	Ratio	Lower	Upper
77	100		
105	101.8	83.8	123.8
106	97.5	79.1	119.1

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



#10

Phenol

Concen: 45.839 ng

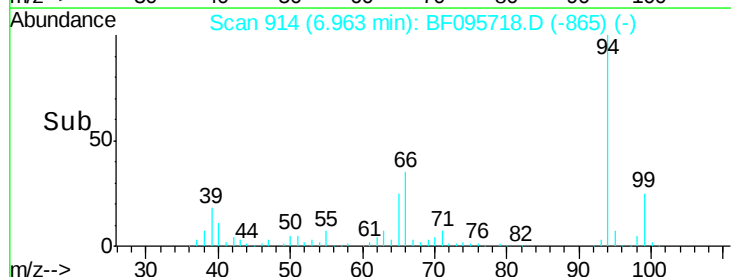
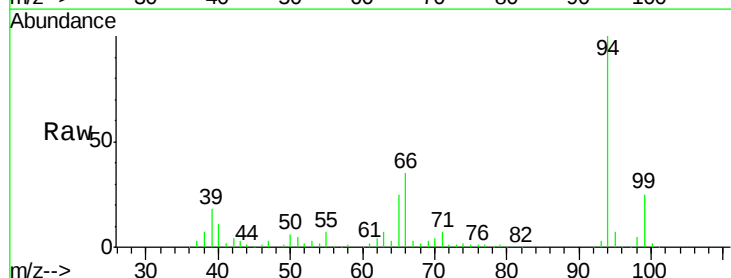
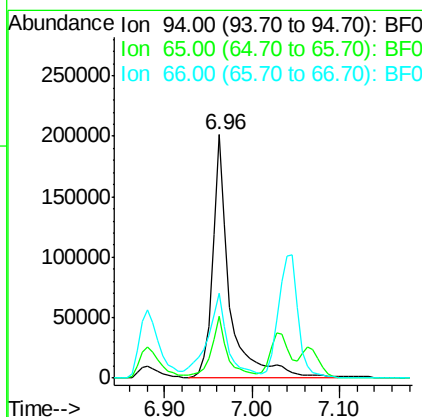
RT: 6.96 min Scan# 914

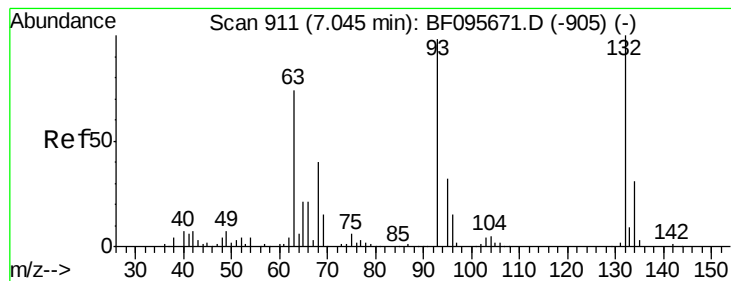
Delta R.T. -0.01 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Tgt Ion:	94	Resp:	266595
Ion	Ratio	Lower	Upper
94	100		
65	25.3	9.9	49.9
66	34.8	23.1	63.1





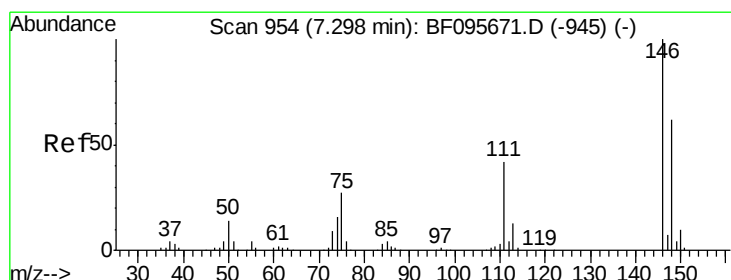
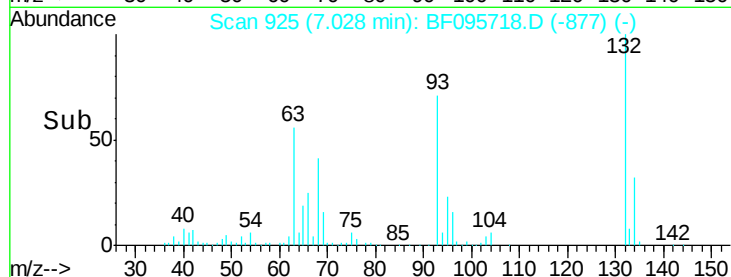
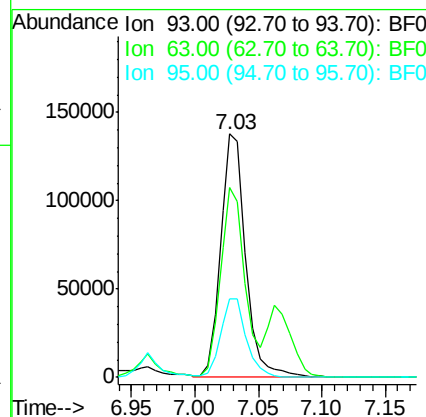
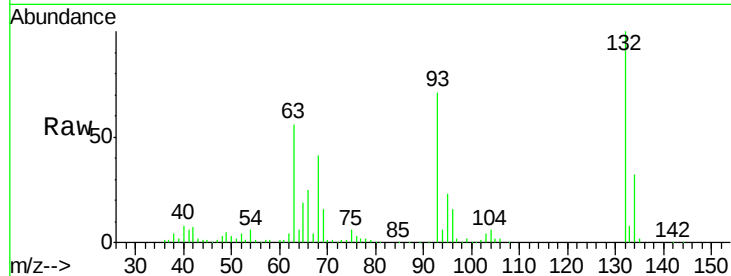
#11
bis(2-Chloroethyl)ether
Concen: 41.429 ng
RT: 7.03 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	190873		
63	77.9	59.2	99.2	
95	32.4	12.8	52.8	

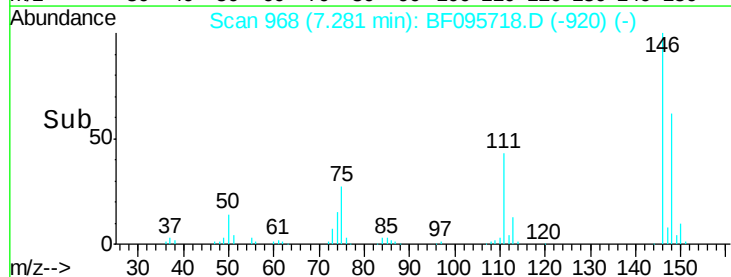
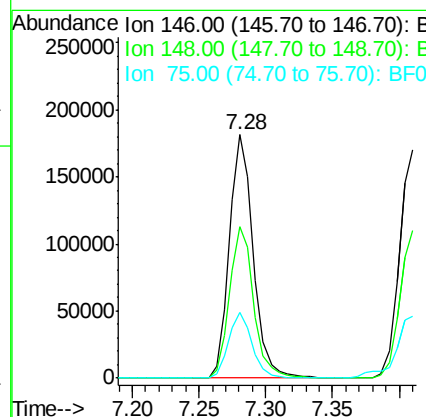
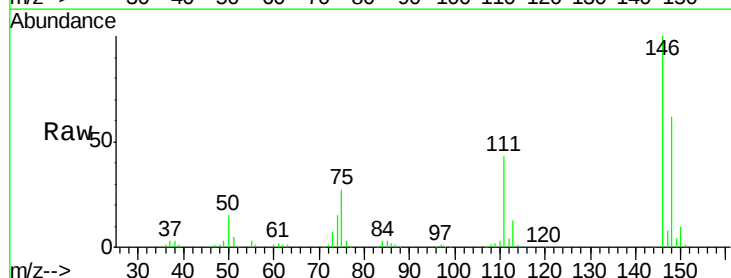
Manual Integrations
APPROVED

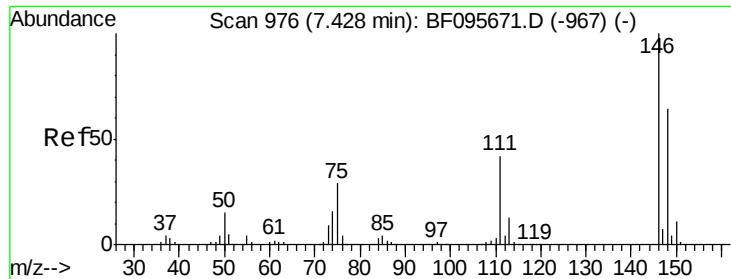
mohammad
6/7/2017 2:18:42 PM



#12
1,3-Dichlorobenzene
Concen: 40.514 ng
RT: 7.28 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	228346		
148	62.2	51.8	77.6	
75	27.0	23.1	34.7	





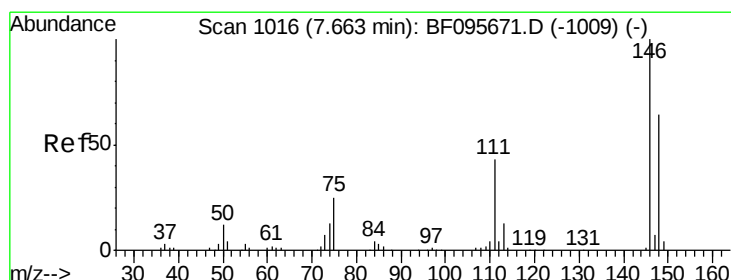
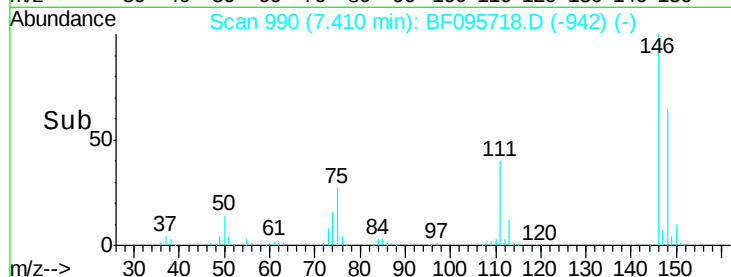
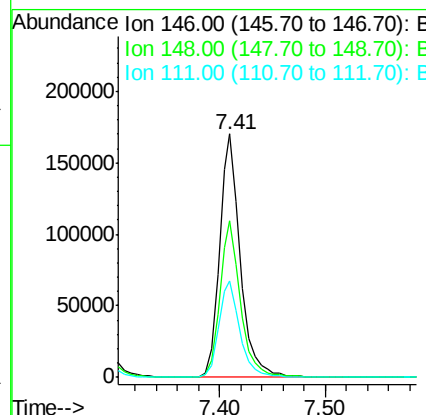
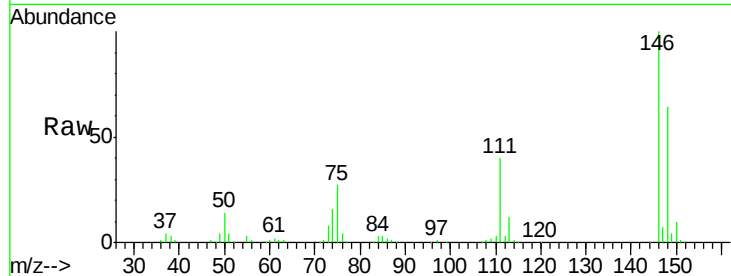
#13
 1,4-Dichlorobenzene
 Concen: 41.013 ng
 RT: 7.41 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	39.9	30.3	45.5

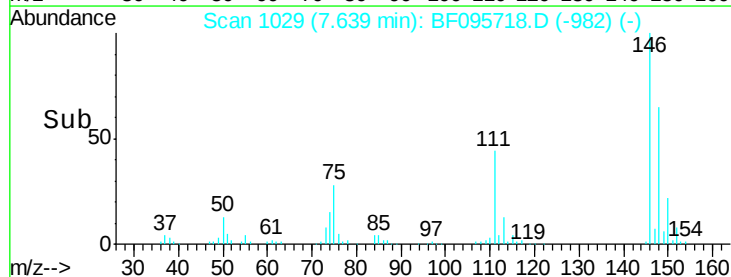
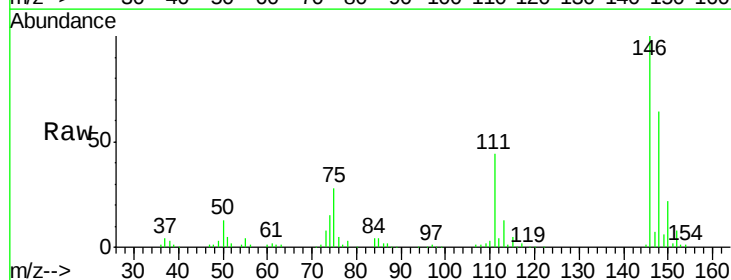
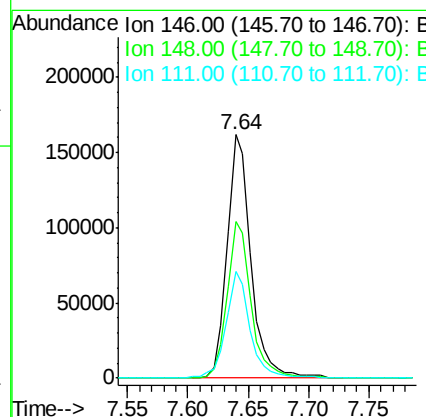
Manual Integrations
 APPROVED

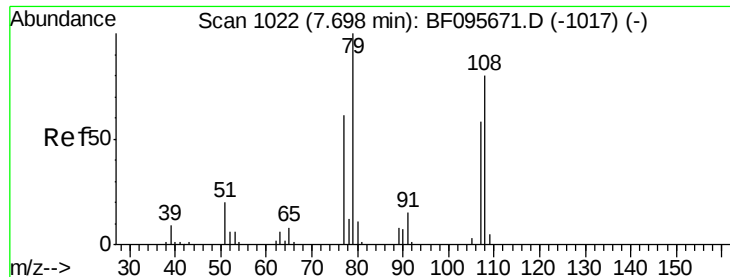
mohammad
 6/7/2017 2:18:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.956 ng
 RT: 7.64 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	43.6	38.2	57.4





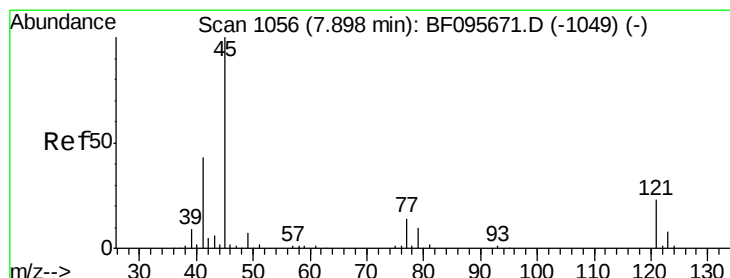
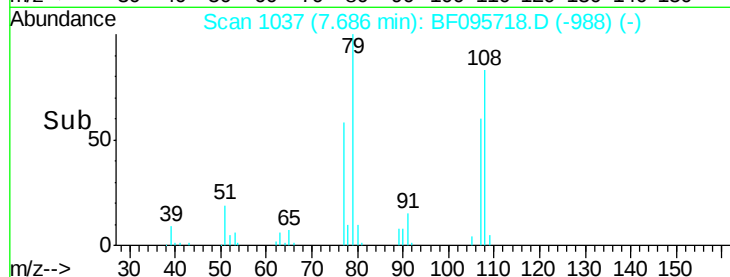
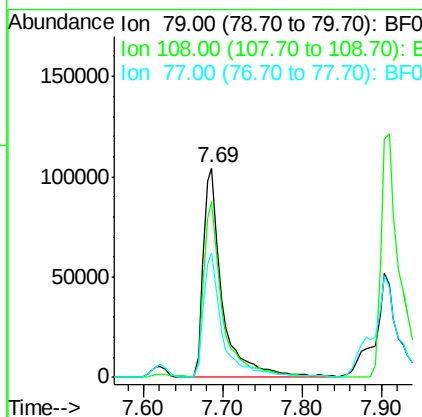
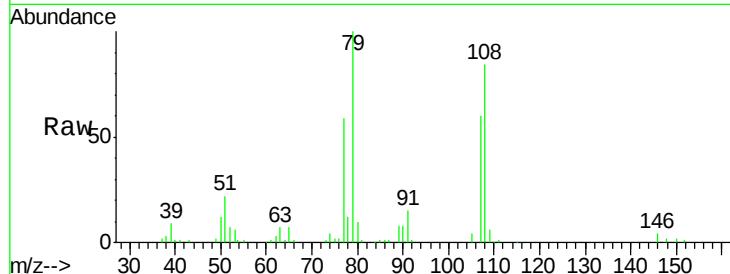
#15
Benzyl Alcohol
Concen: 45.567 ng
RT: 7.69 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	83.7	63.4	95.0
77	59.2	49.2	73.8

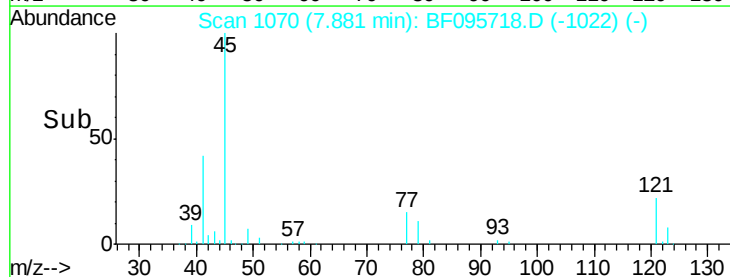
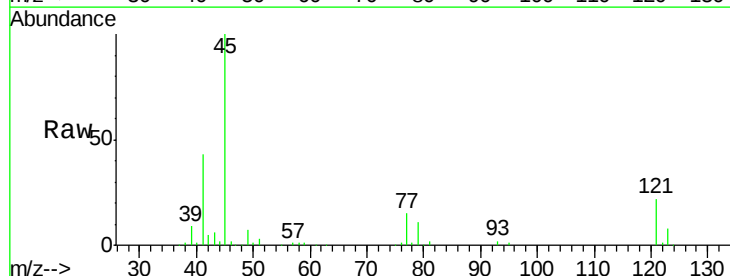
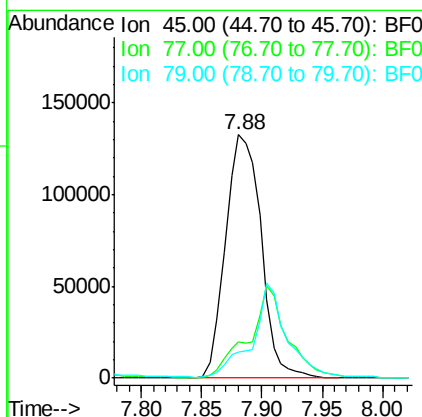
Manual Integrations
APPROVED

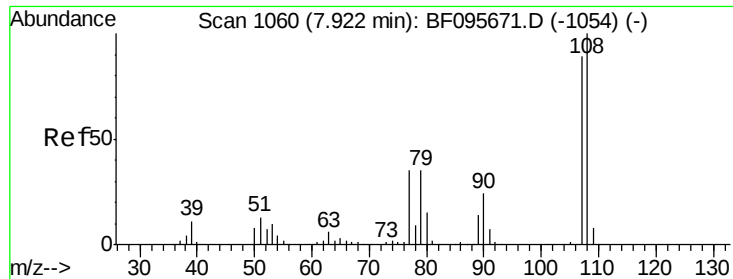
mohammad
6/7/2017 2:18:42 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.886 ng
RT: 7.88 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	33.2
79	10.8	0.0	30.0





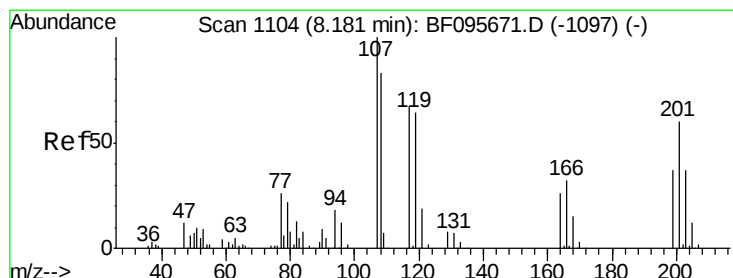
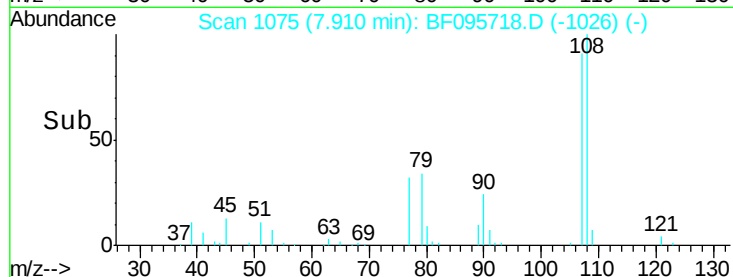
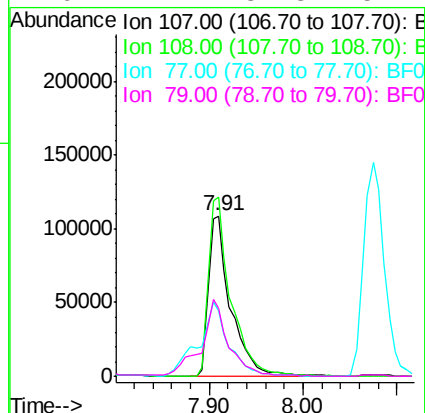
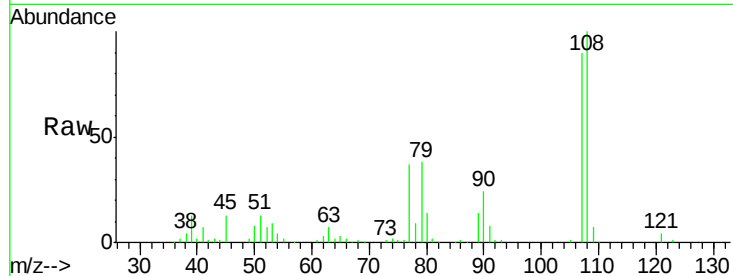
#17
2-Methylphenol
Concen: 43.261 ng
RT: 7.91 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	180781		
108	111.3	93.4	140.0	
77	41.0	35.8	53.6	
79	42.4	34.8	52.2	

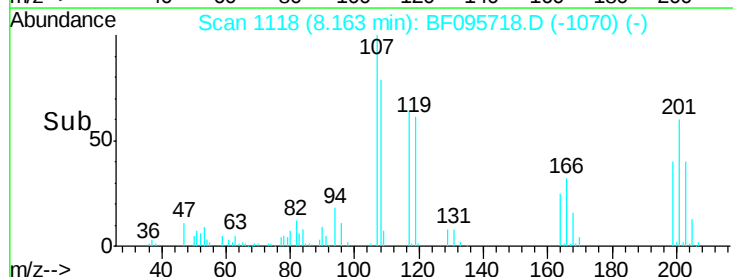
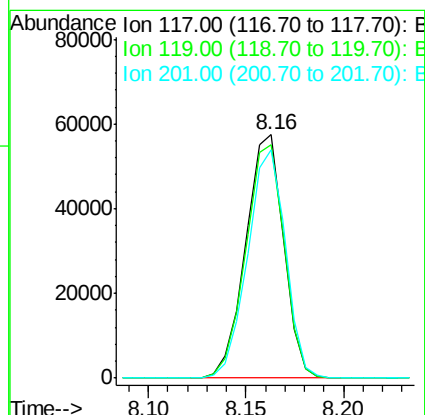
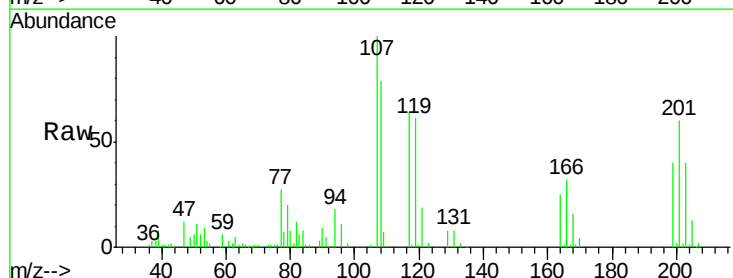
Manual Integrations
APPROVED

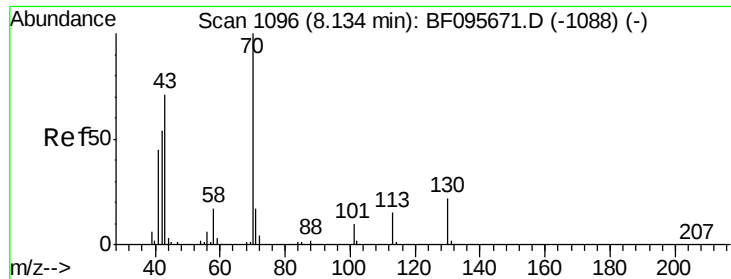
mohammad
6/7/2017 2:18:42 PM



#18
Hexachloroethane
Concen: 41.009 ng
RT: 8.16 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	77413		
119	95.7	77.4	116.0	
201	93.5	94.6	141.8#	





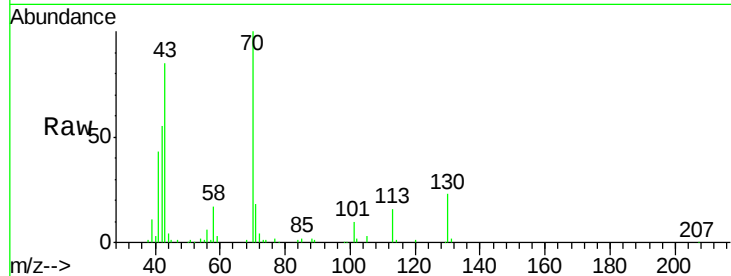
#19
n-Nitroso-di-n-propylamine
Concen: 43.407 ng
RT: 8.12 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.2	70.8
101	9.5	7.2	10.8
130	22.7	15.9	23.9

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



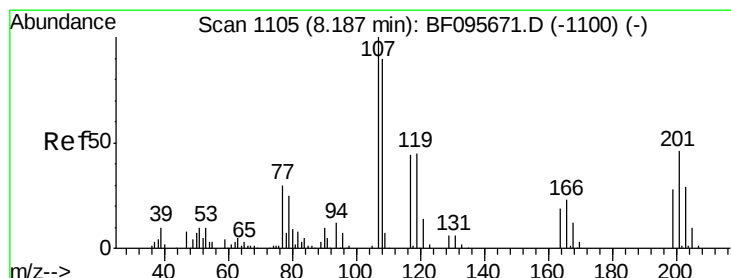
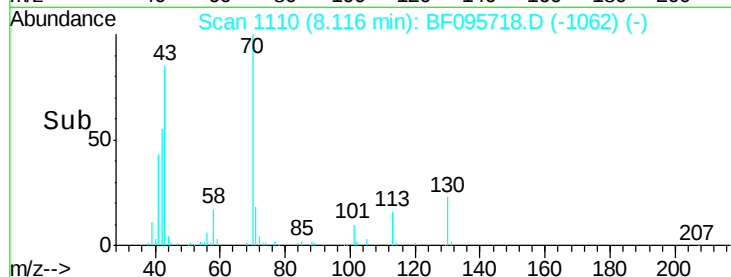
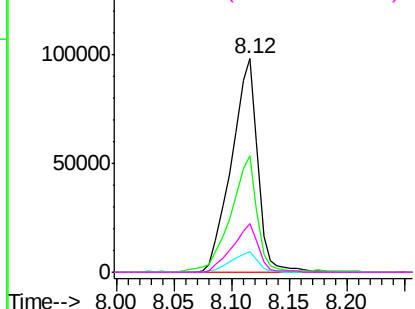
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 44.401 ng
RT: 8.17 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.0	111.0
77	28.1	90.5	130.5#
79	21.9	8.4	48.4

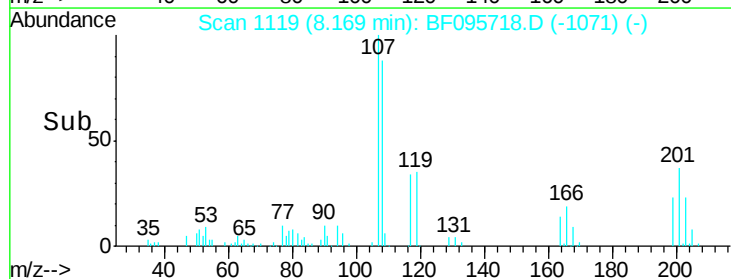
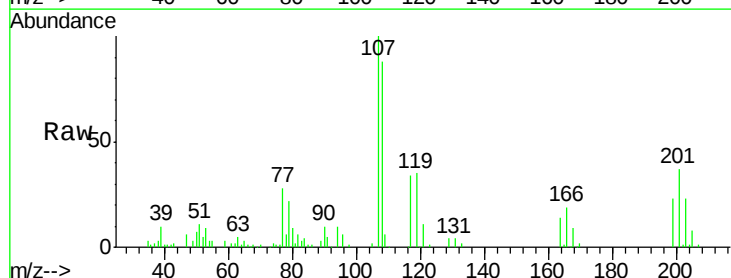
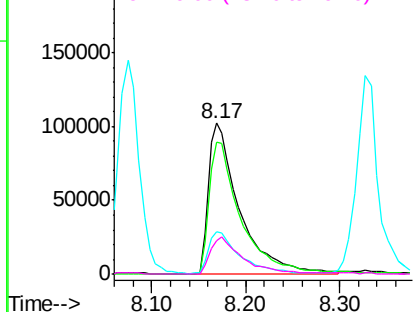
Abundance

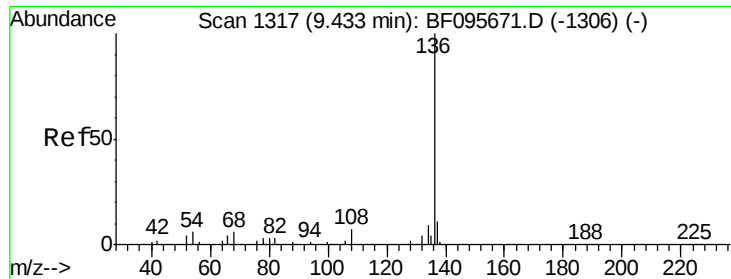
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





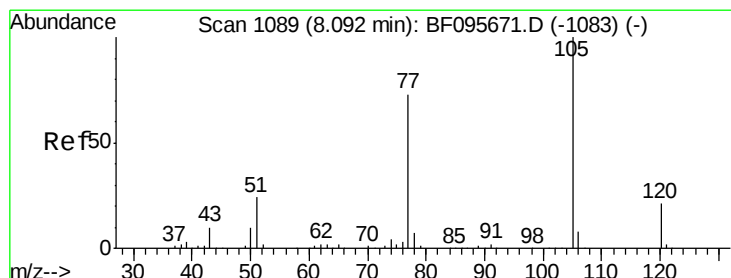
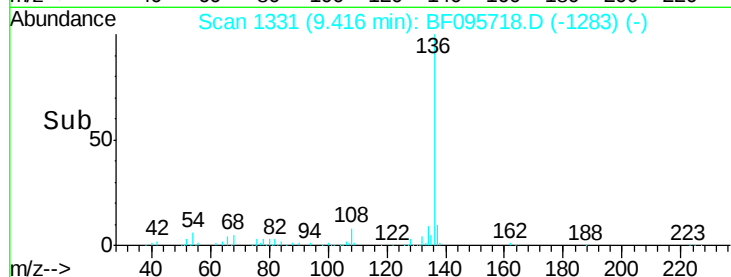
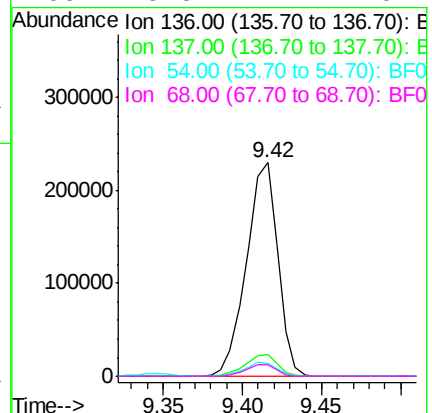
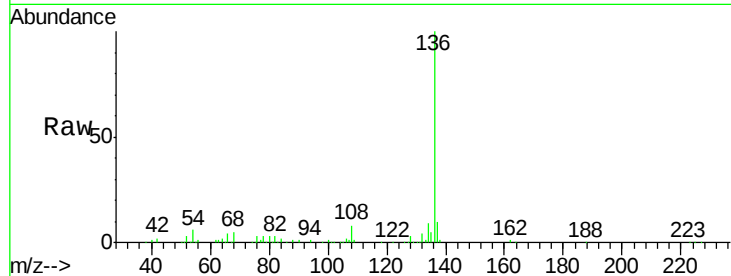
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	317120		
137	10.4	8.5	12.7	
54	6.0	4.9	7.3	
68	5.3	4.1	6.1	

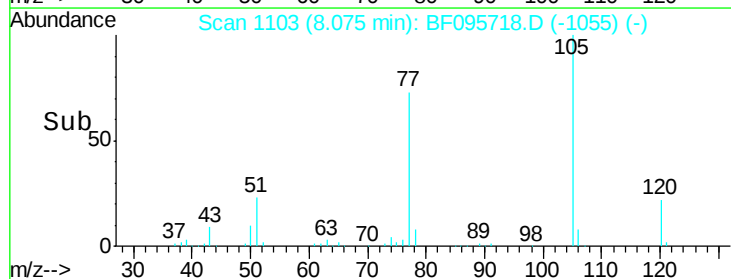
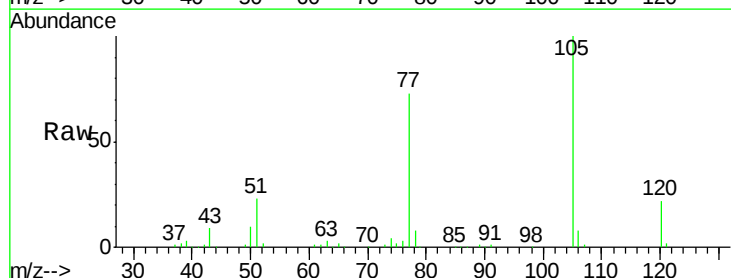
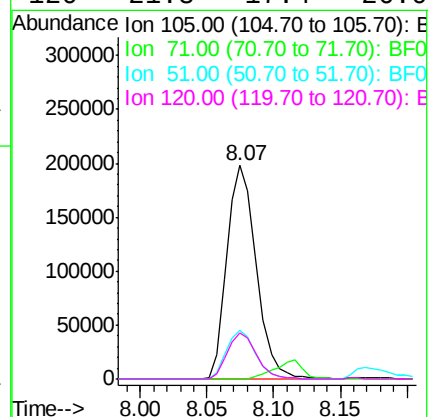
Manual Integrations
APPROVED

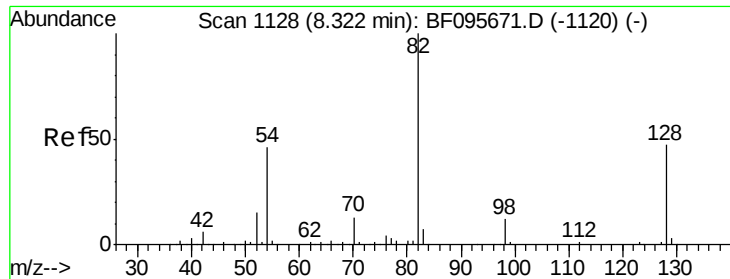
mohammad
6/7/2017 2:18:42 PM



#22
Acetophenone
Concen: 41.410 ng
RT: 8.07 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	307364		
71	0.0	2.8	4.2#	
51	22.8	30.7	46.1#	
120	21.8	17.4	26.0	





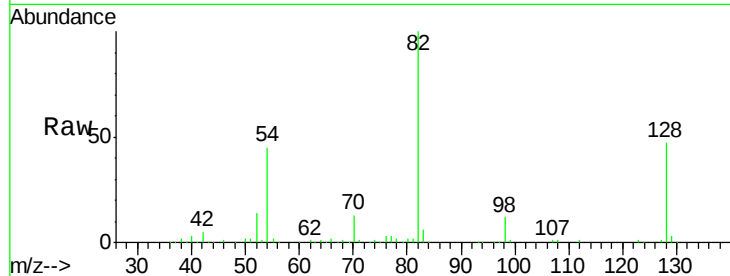
#23
 Nitrobenzene-d5
 Concen: 89.226 ng
 RT: 8.30 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

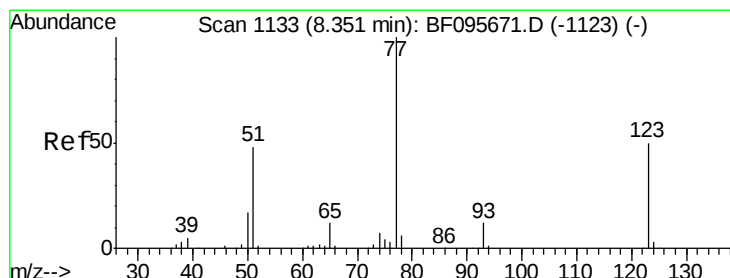
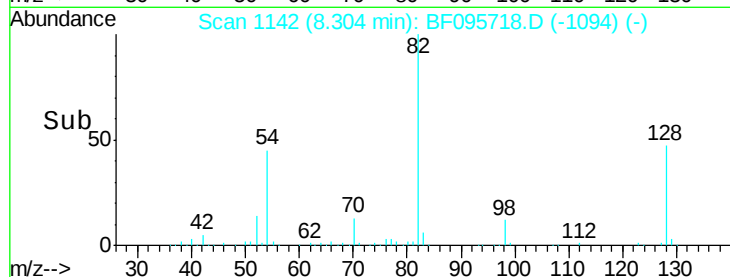
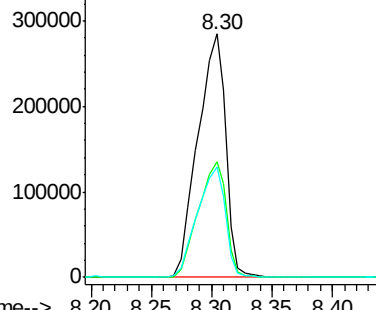
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	45.4	42.2	63.2

Manual Integrations
 APPROVED

mohammad
 6/7/2017 2:18:42 PM

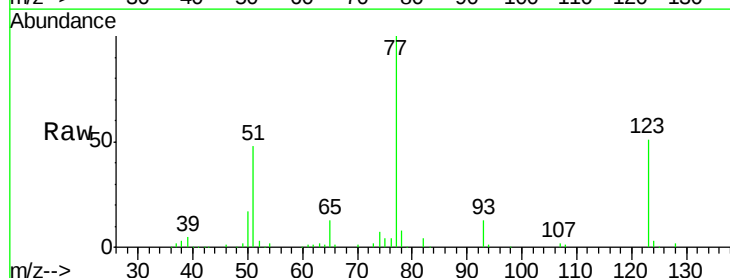


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

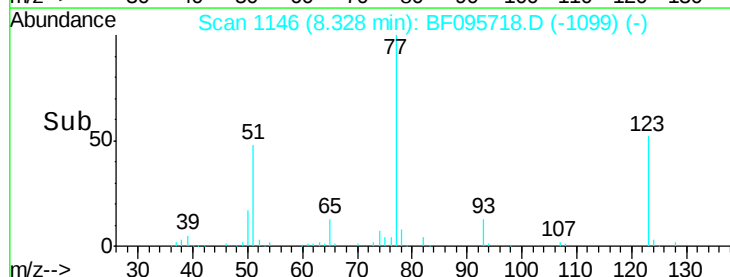
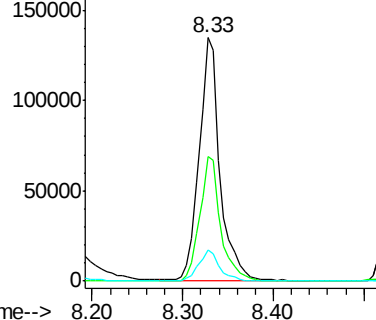


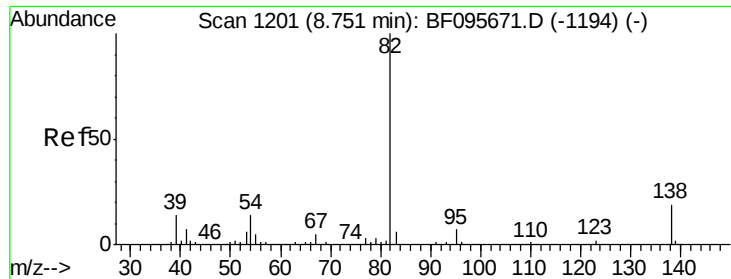
#24
 Nitrobenzene
 Concen: 39.741 ng
 RT: 8.33 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.2	35.8	53.8
65	12.6	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.859 ng

RT: 8.73 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

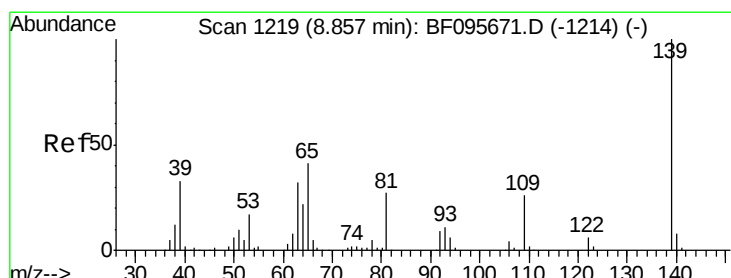
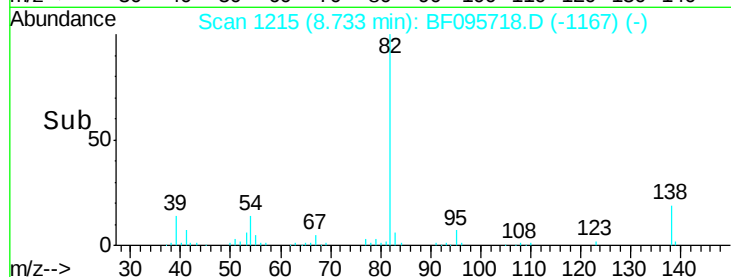
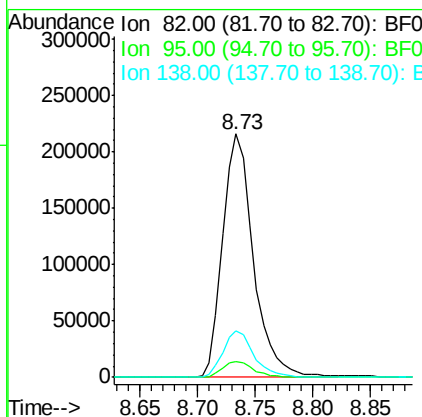
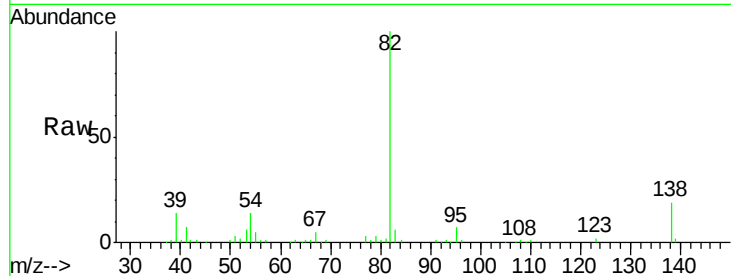
ClientSampleId :

SB-1(8-10)20170603MSD

Tgt Ion:	82	Resp:	399101
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	19.1	13.1	19.7

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



#26

2-Nitrophenol

Concen: 42.041 ng

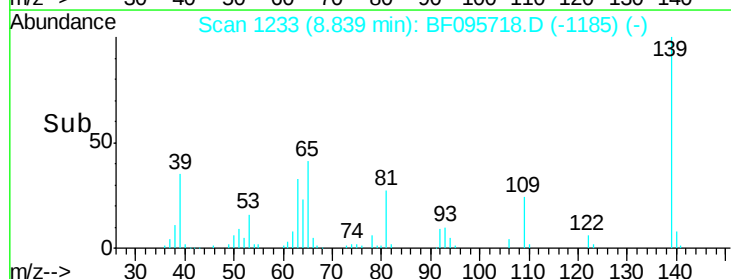
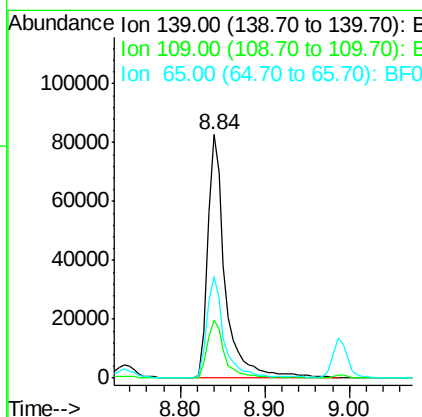
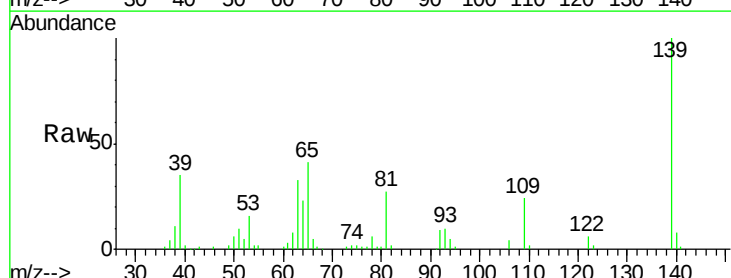
RT: 8.84 min Scan# 1233

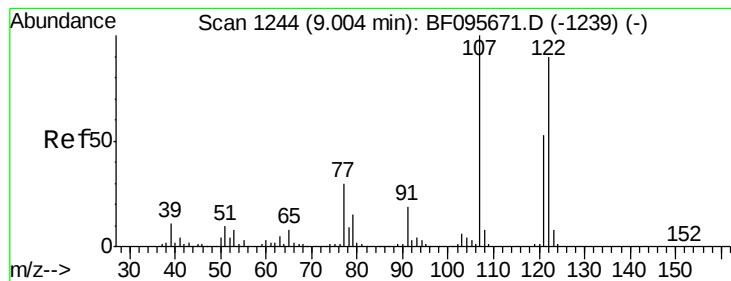
Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Tgt Ion:	139	Resp:	120080
Ion Ratio		Lower	Upper
139	100		
109	23.7	21.0	31.6
65	41.5	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 44.743 ng

RT: 8.99 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

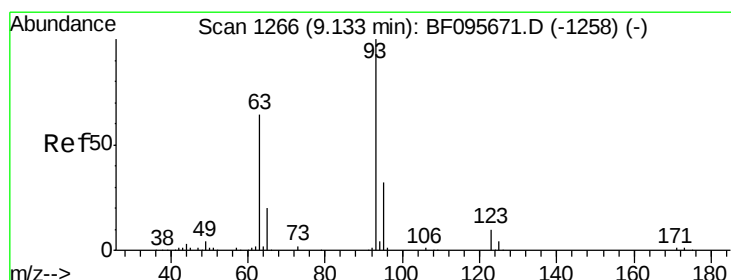
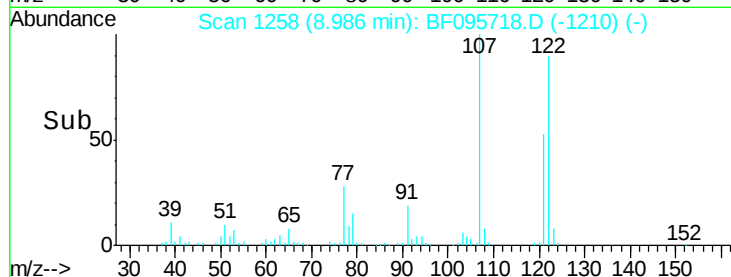
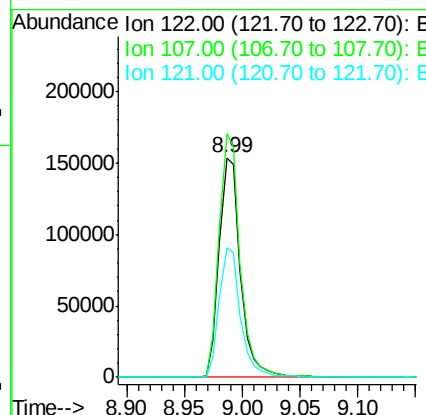
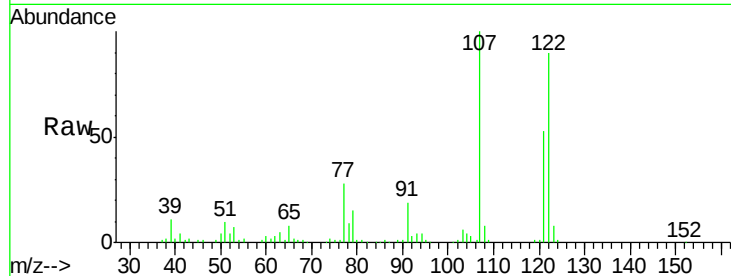
ClientSampleId :

SB-1(8-10)20170603MSD

Tgt Ion:	122	Resp:	198332
Ion Ratio	Lower	Upper	
122	100		
107	111.0	89.2	133.8
121	59.0	45.2	67.8

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



#28

bis(2-Chloroethoxy)methane

Concen: 42.073 ng

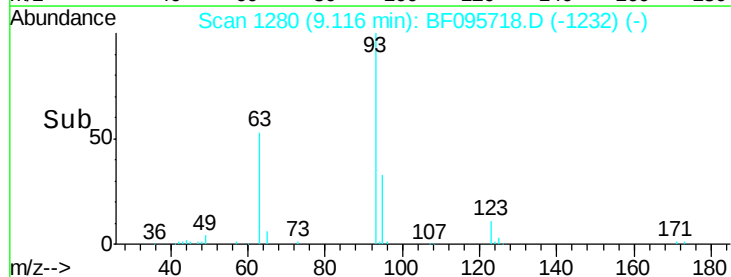
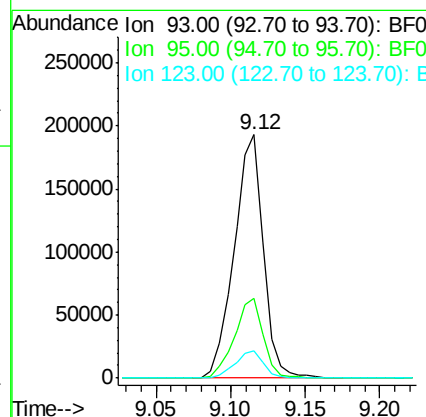
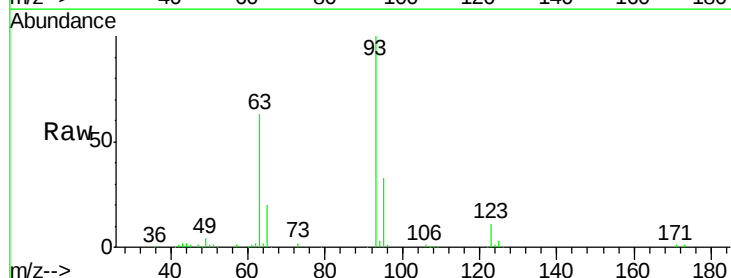
RT: 9.12 min Scan# 1280

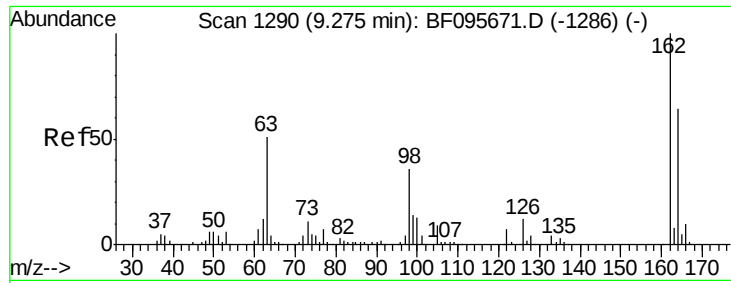
Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Tgt Ion:	93	Resp:	264424
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	11.1	9.0	13.4





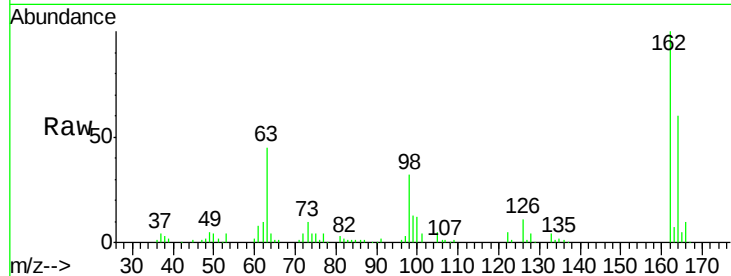
#29
 2,4-Dichlorophenol
 Concen: 44.645 ng
 RT: 9.26 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

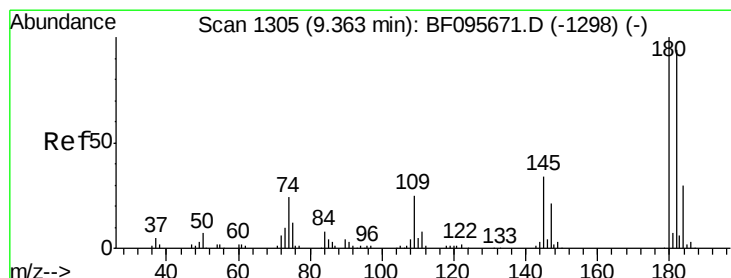
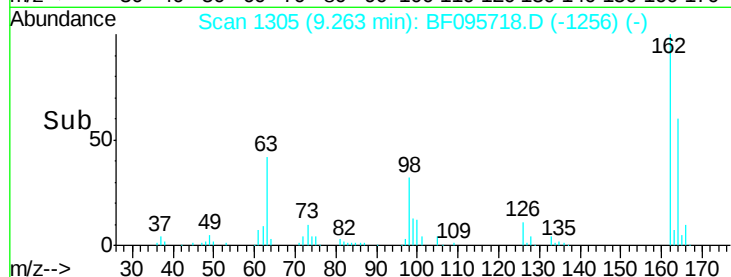
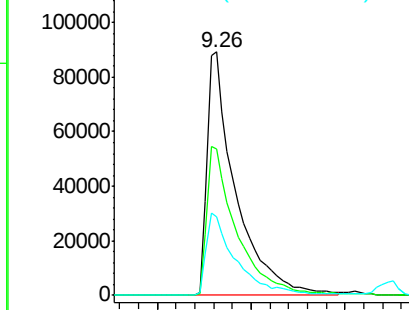
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	60.1	44.6	84.6
98	32.4	14.8	54.8

Manual Integrations
 APPROVED

mohammad
 6/7/2017 2:18:42 PM



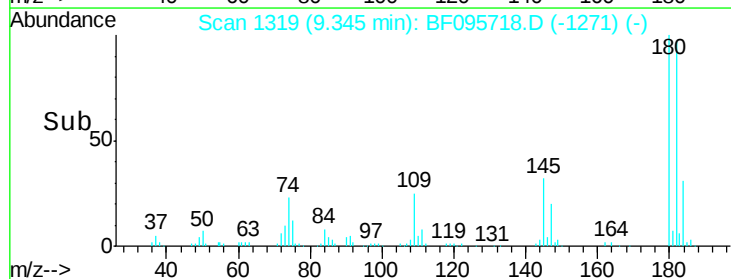
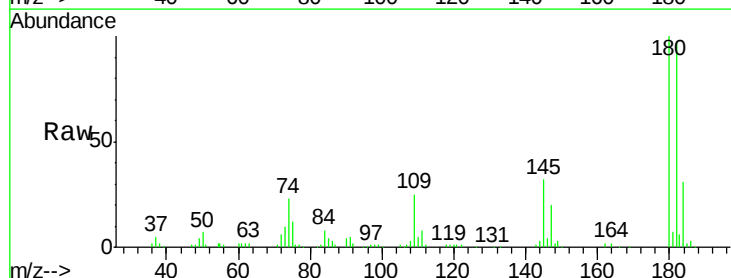
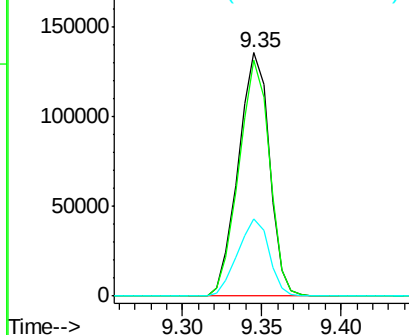
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

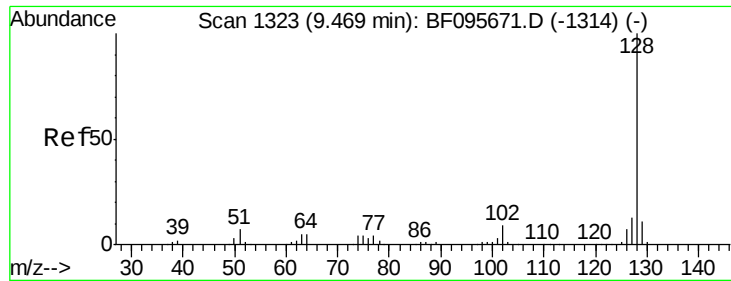


#30
 1,2,4-Trichlorobenzene
 Concen: 41.569 ng
 RT: 9.35 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.9	75.8	113.6
145	31.5	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





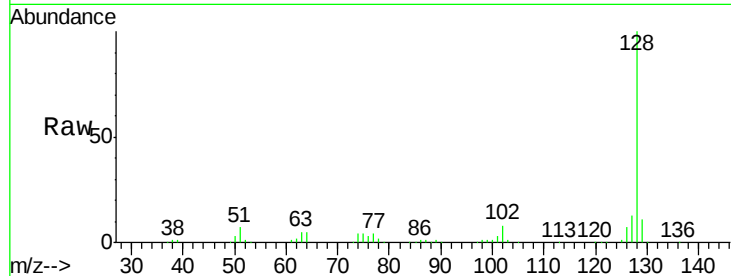
#31
Naphthalene
Concen: 39.794 ng
RT: 9.45 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

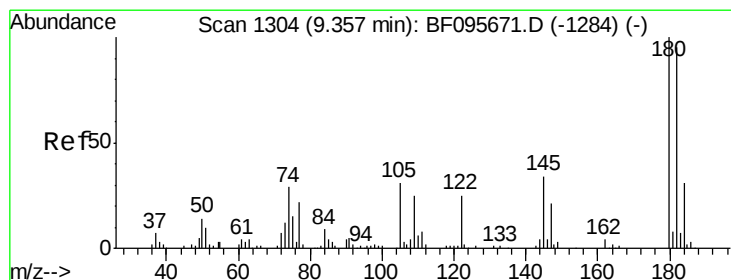
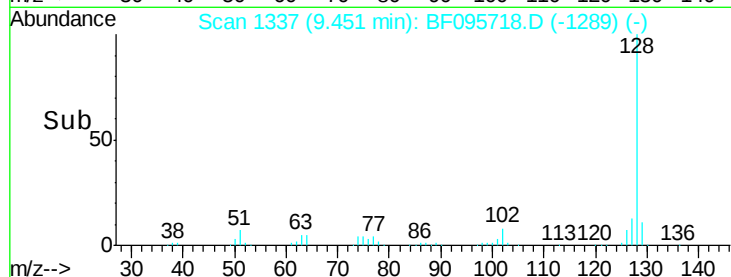
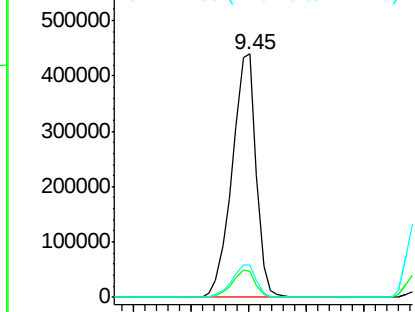
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.1	10.8	16.2

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM

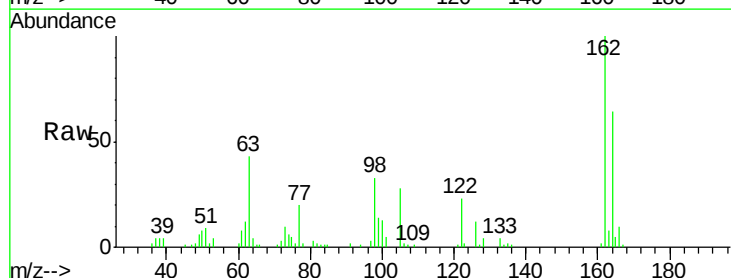


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

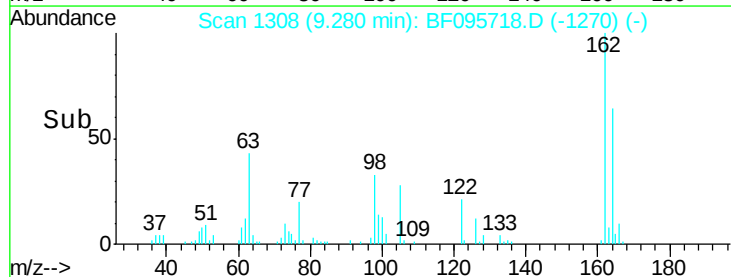
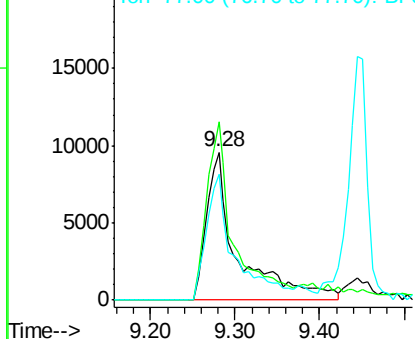


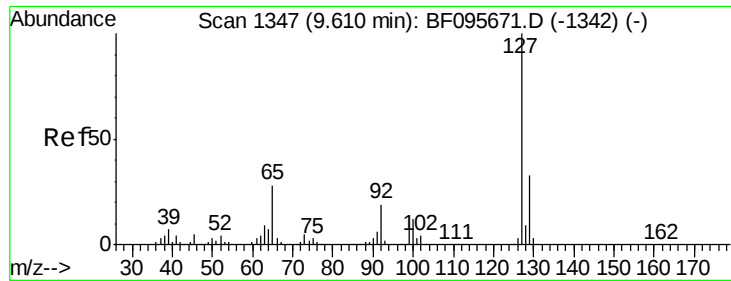
#32
Benzoic acid
Concen: 13.142 ng
RT: 9.28 min Scan# 1308
Delta R.T. -0.08 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	103.3	143.3
77	85.0	73.7	113.7



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





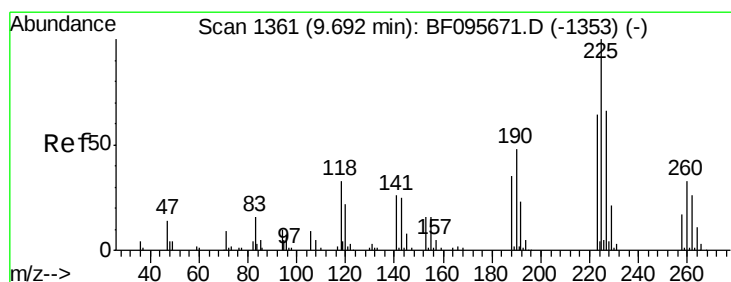
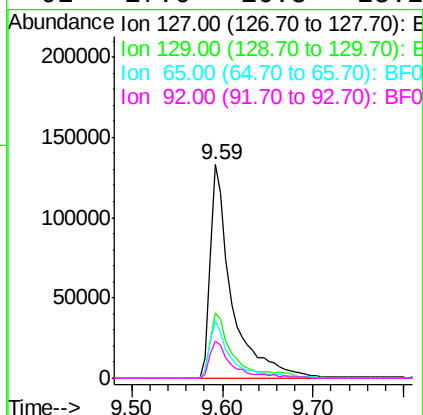
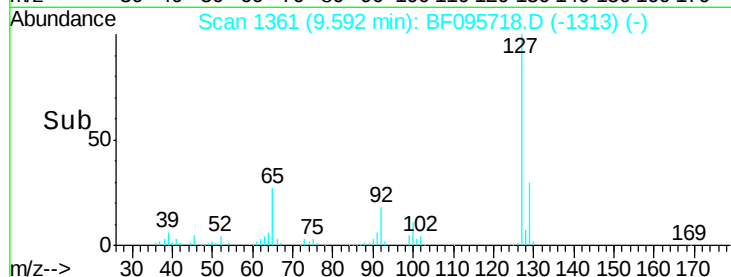
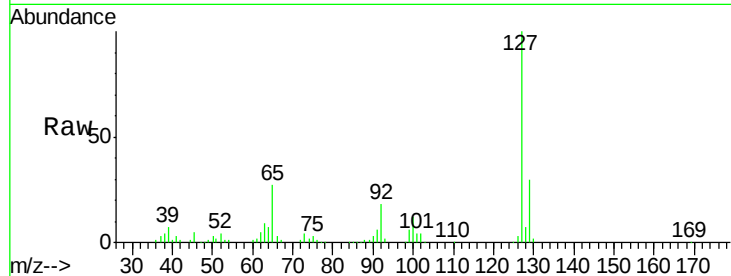
#33
4-Chloroaniline
Concen: 35.932 ng
RT: 9.59 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.4	26.2	39.2	
65	26.8	27.8	41.8	
92	17.6	16.8	25.2	

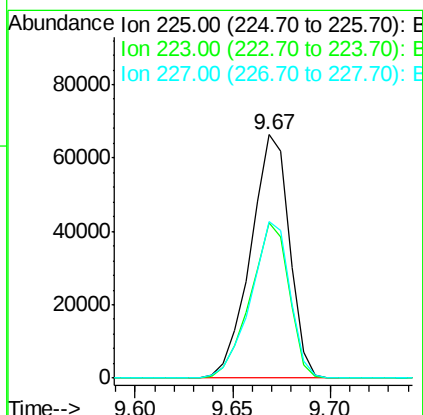
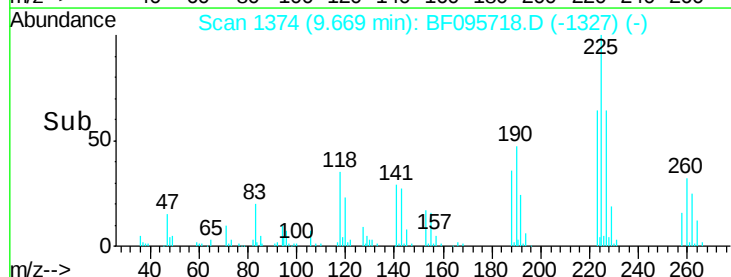
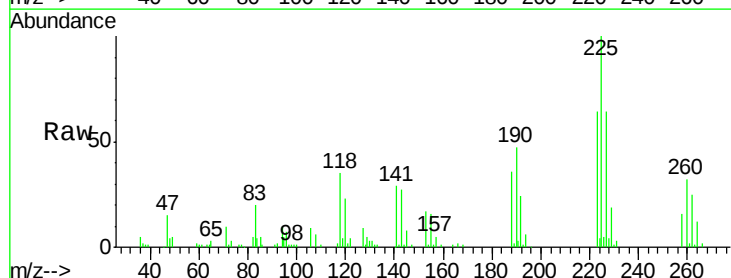
Manual Integrations
APPROVED

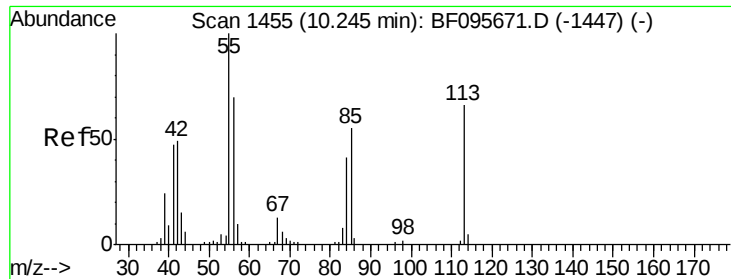
mohammad
6/7/2017 2:18:42 PM



#34
Hexachlorobutadiene
Concen: 39.818 ng
RT: 9.67 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	48.8	73.2	
227	64.3	51.1	76.7	





#35

Caprolactam

Concen: 34.599 ng m

RT: 10.22 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

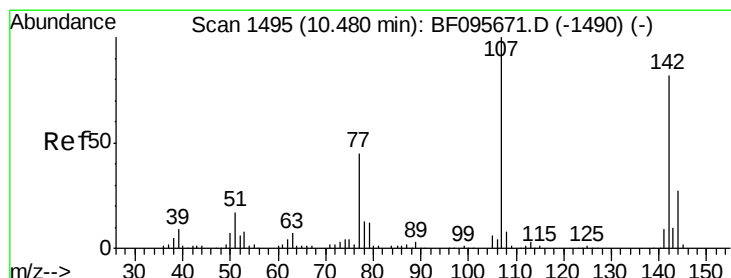
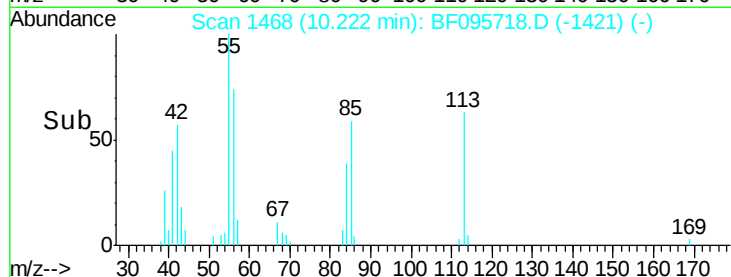
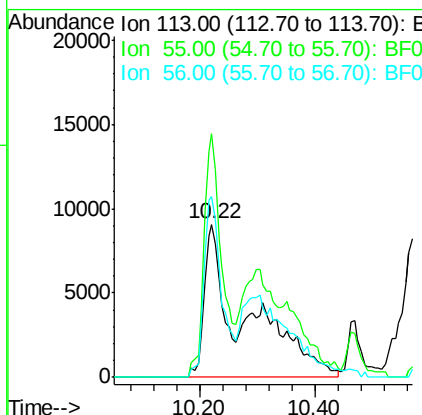
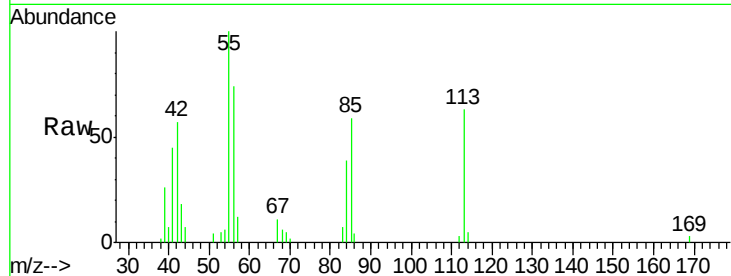
ClientSampleId :

SB-1(8-10)20170603MSD

Tgt Ion:	113	Resp:	43951
Ion	Ratio	Lower	Upper
113	100		
55	159.3	150.2	190.2
56	118.3	107.8	147.8

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



#36

4-Chloro-3-methylphenol

Concen: 44.535 ng

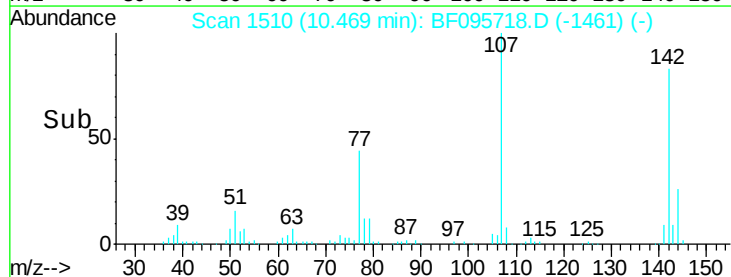
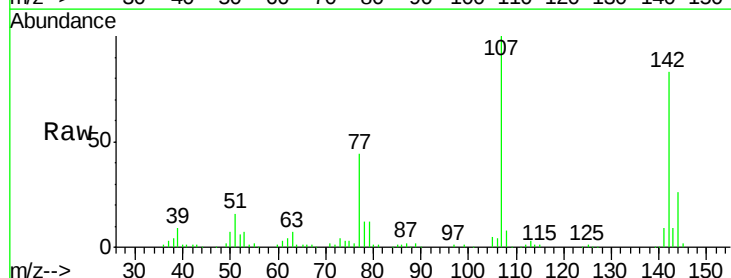
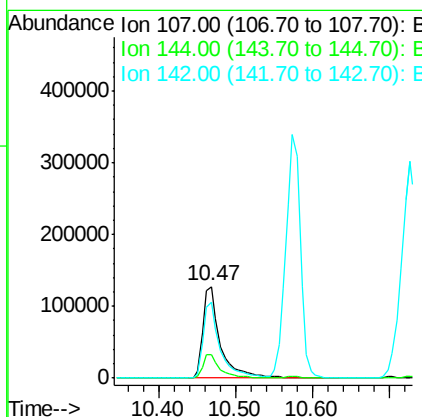
RT: 10.47 min Scan# 1510

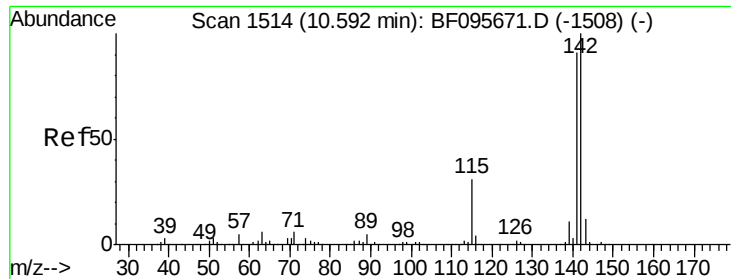
Delta R.T. -0.01 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Tgt Ion:	107	Resp:	199019
Ion	Ratio	Lower	Upper
107	100		
144	26.2	24.2	36.4
142	82.6	73.4	110.0





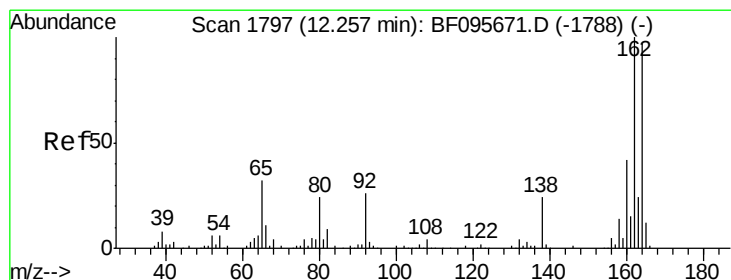
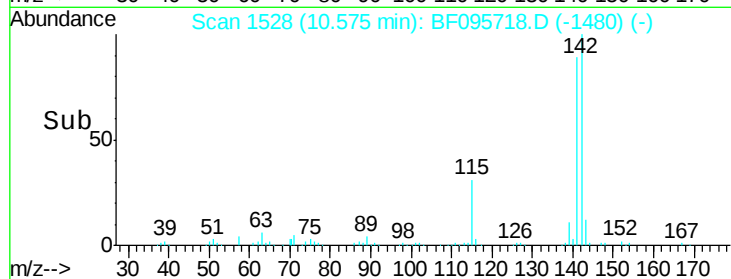
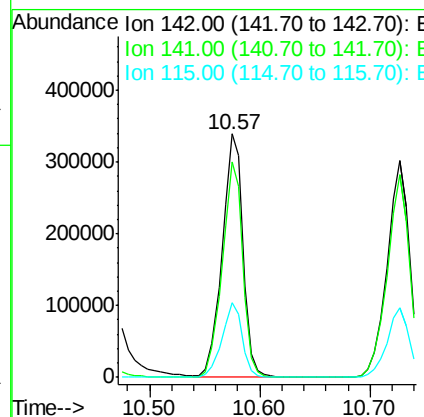
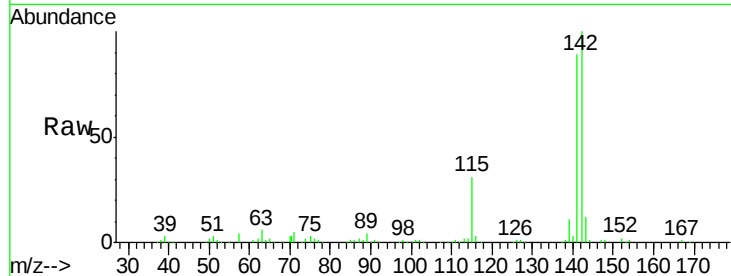
#37
2-Methylnaphthalene
Concen: 41.246 ng
RT: 10.57 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	443532		
141	88.6	71.3	106.9	
115	30.7	27.1	40.7	

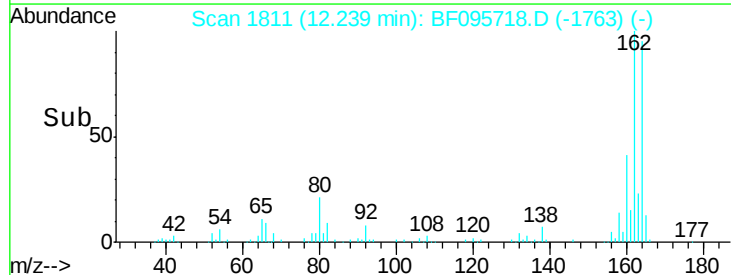
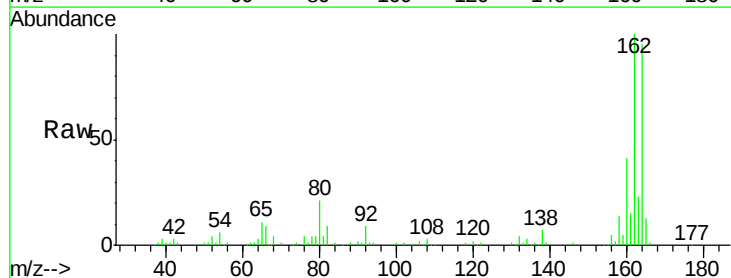
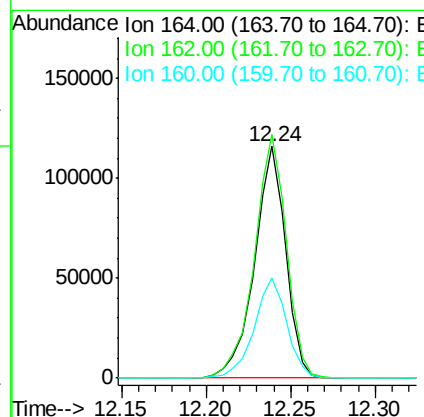
Manual Integrations
APPROVED

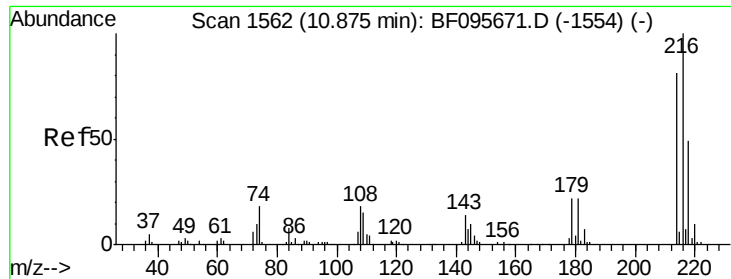
mohammad
6/7/2017 2:18:42 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	149103		
162	105.1	82.6	123.8	
160	43.4	36.2	54.2	





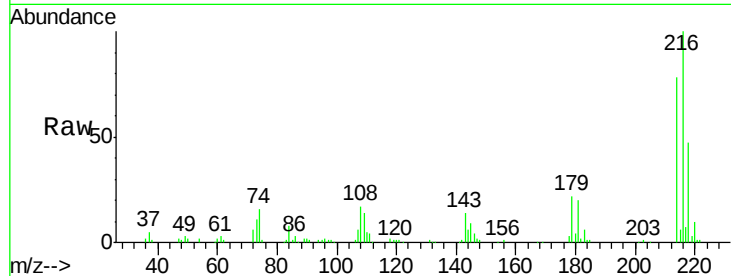
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.284 ng
 RT: 10.86 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

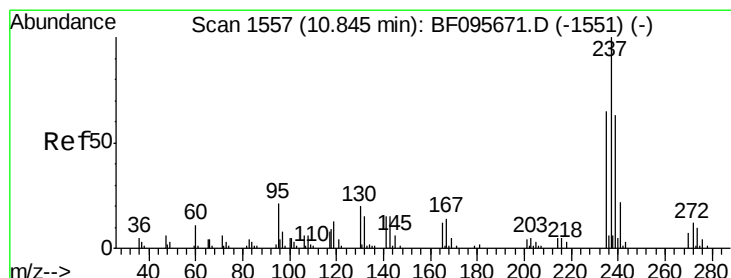
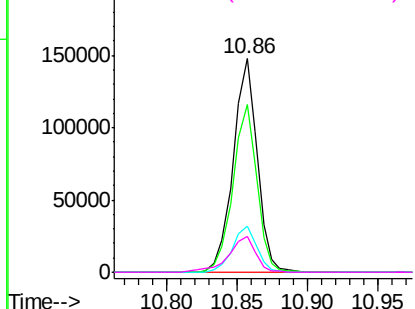
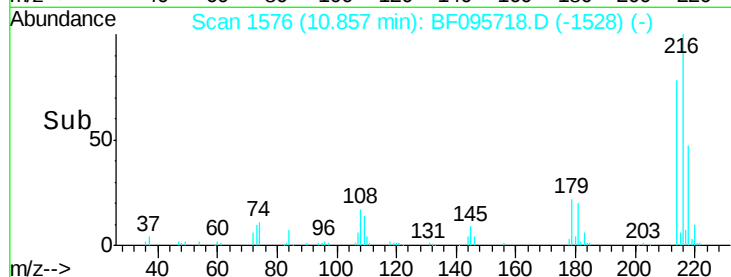
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	175301		
214	78.5	63.4	95.2	
179	22.1	17.9	26.9	
108	19.4	16.5	24.7	

Manual Integrations
 APPROVED

mohammad
 6/7/2017 2:18:42 PM

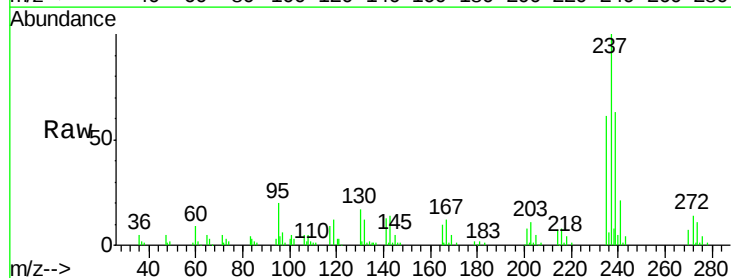


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

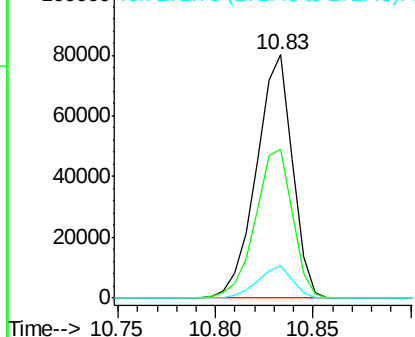
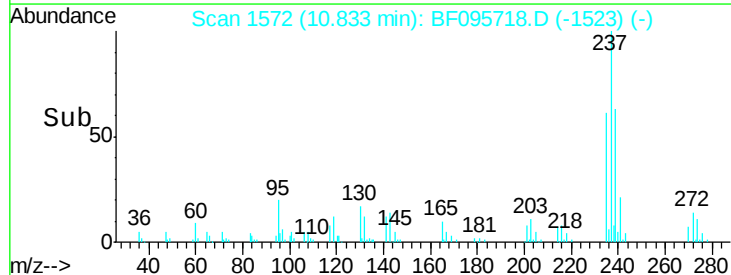


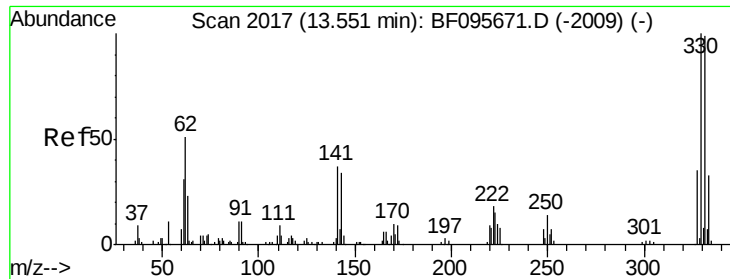
#40
 Hexachlorocyclopentadiene
 Concen: 74.330 ng
 RT: 10.83 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	102674		
235	61.0	42.6	82.6	
272	13.6	0.0	31.9	



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





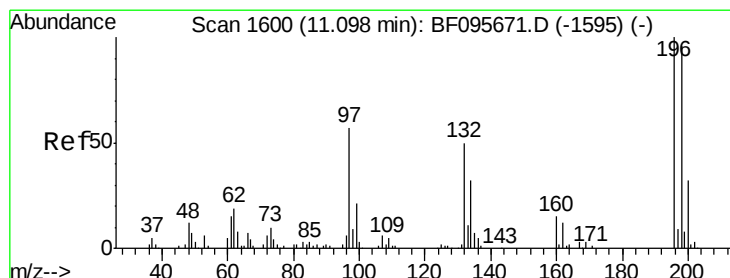
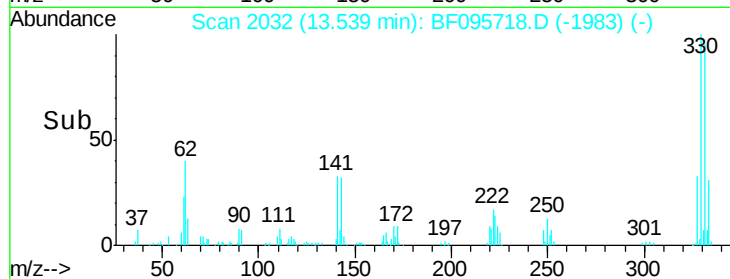
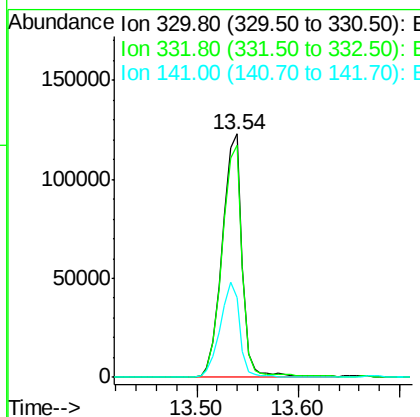
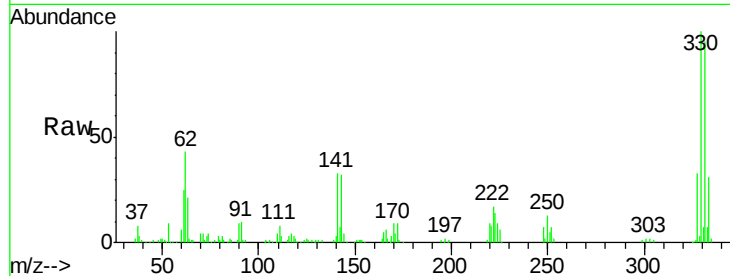
#41
 2,4,6-Tribromophenol
 Concen: 127.770 ng
 RT: 13.54 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	168556		
332	95.6	76.6	115.0	
141	38.7	31.4	47.2	

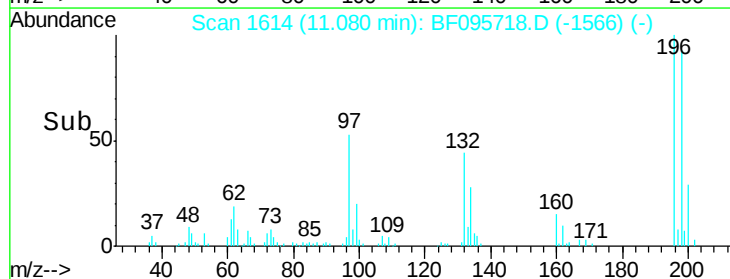
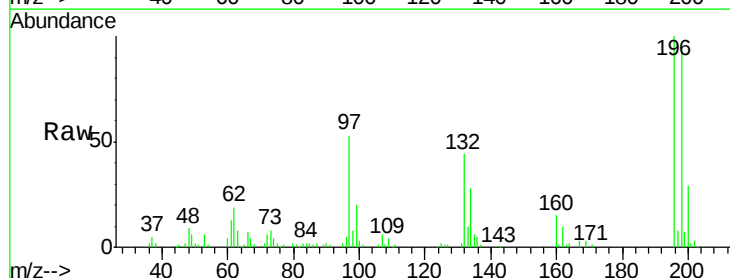
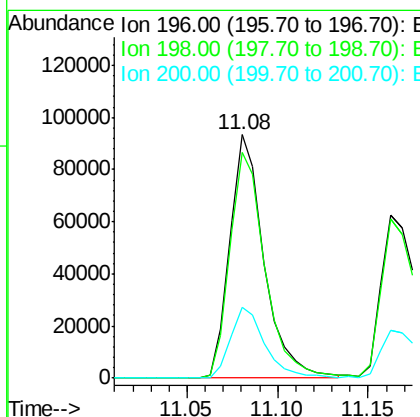
Manual Integrations
 APPROVED

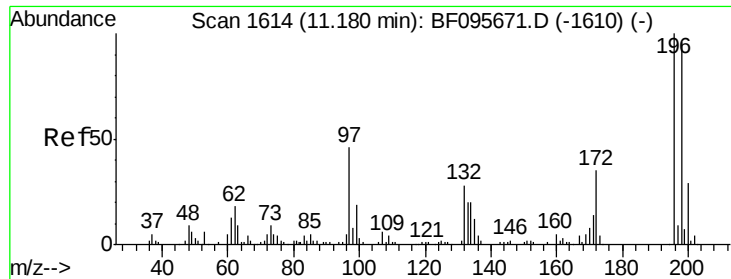
mohammad
 6/7/2017 2:18:42 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.781 ng
 RT: 11.08 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	122744		
198	92.9	74.2	111.4	
200	29.3	24.0	36.0	





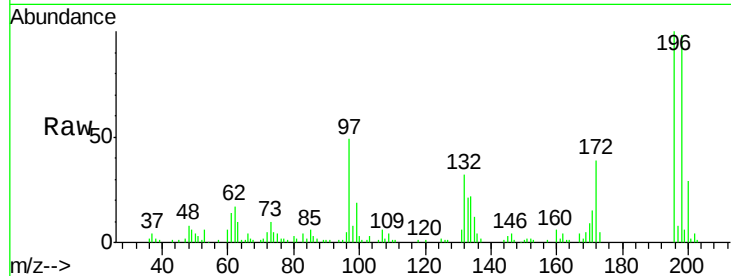
#43
 2,4,5-Trichlorophenol
 Concen: 39.929 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

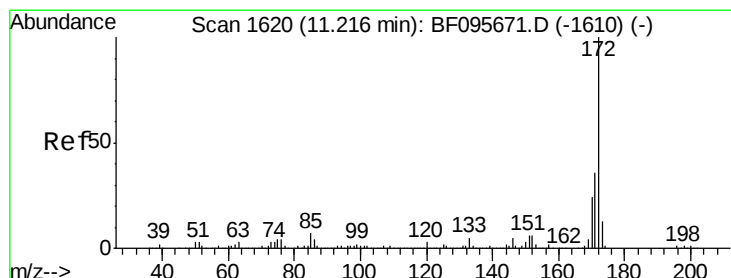
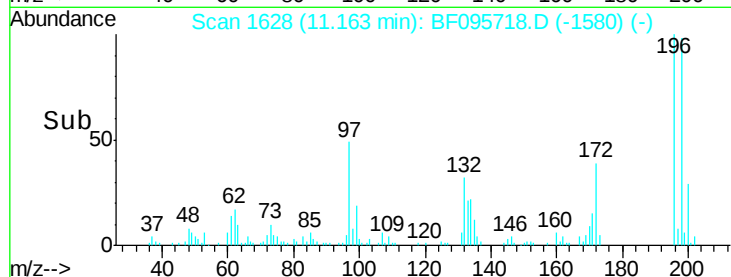
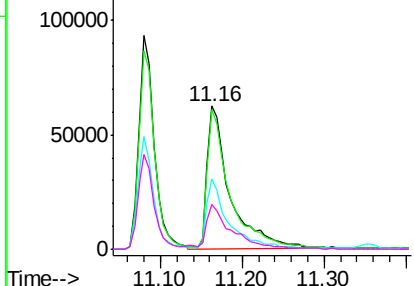
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	121856		
198	97.7	75.7	113.5	
97	49.3	47.7	71.5	
132	31.7	28.0	42.0	

Manual Integrations
 APPROVED

mohammad
 6/7/2017 2:18:42 PM

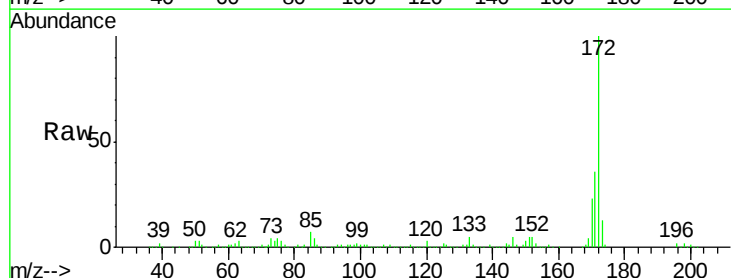


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

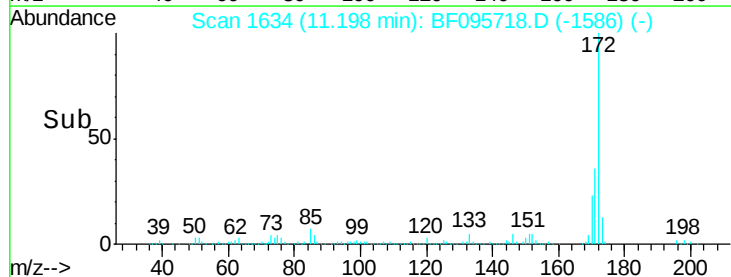
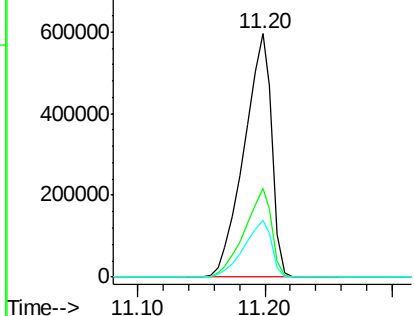


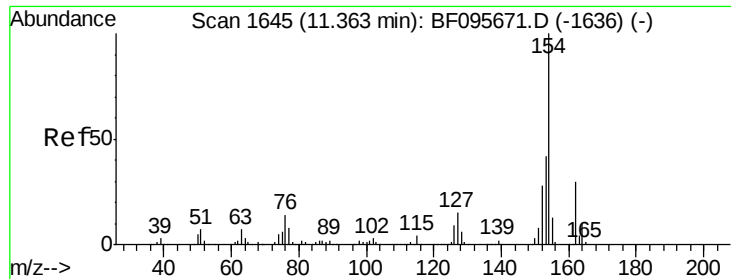
#44
 2-Fluorobiphenyl
 Concen: 84.164 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	901789		
171	36.3	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





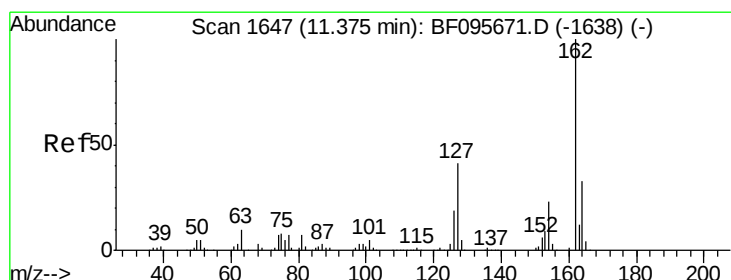
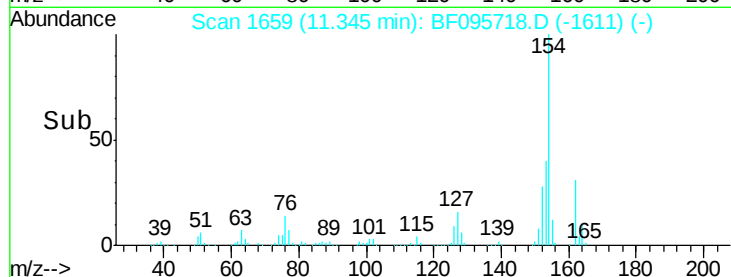
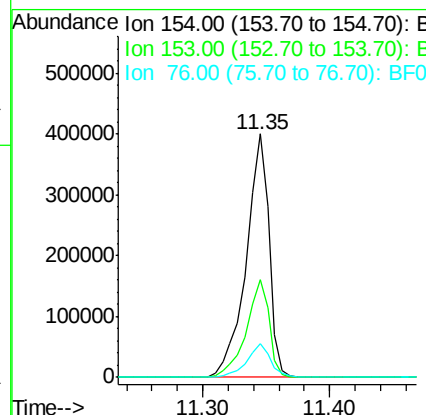
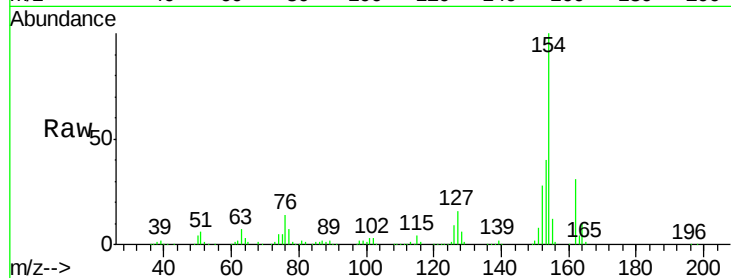
#45
 1,1'-Biphenyl
 Concen: 40.589 ng
 RT: 11.35 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	498792		
153	39.9	21.2	61.2	
76	13.6	0.0	29.9	

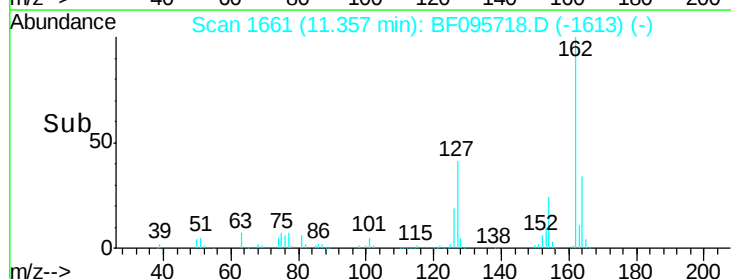
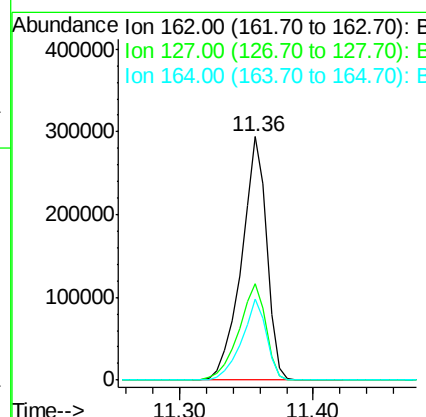
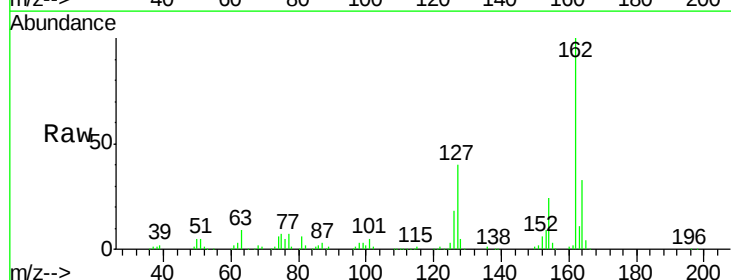
Manual Integrations
 APPROVED

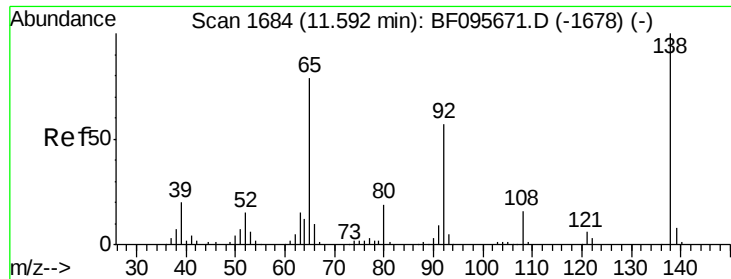
mohammad
 6/7/2017 2:18:42 PM



#46
 2-Chloronaphthalene
 Concen: 39.980 ng
 RT: 11.36 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	383875		
127	39.8	28.3	42.5	
164	33.4	27.0	40.4	





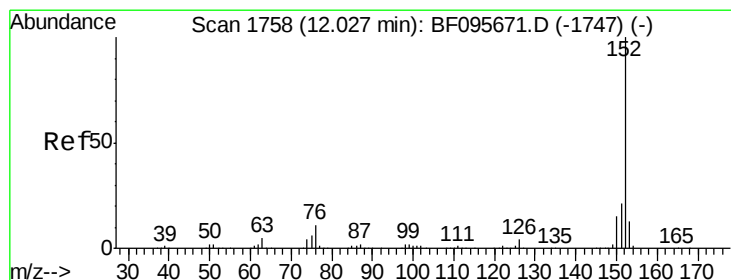
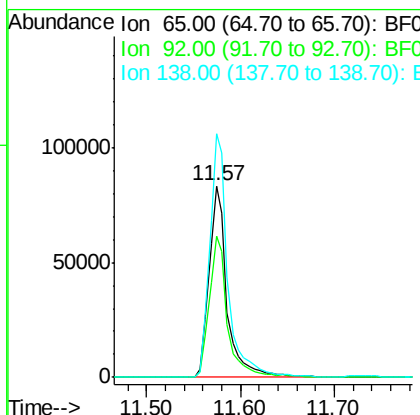
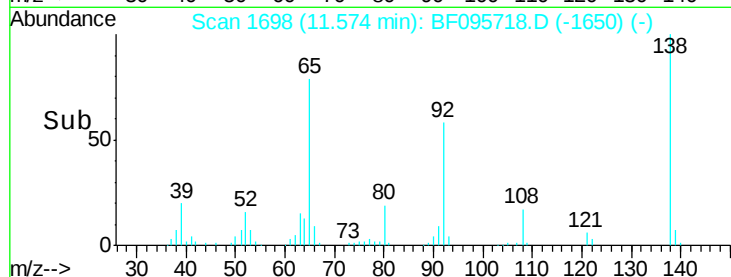
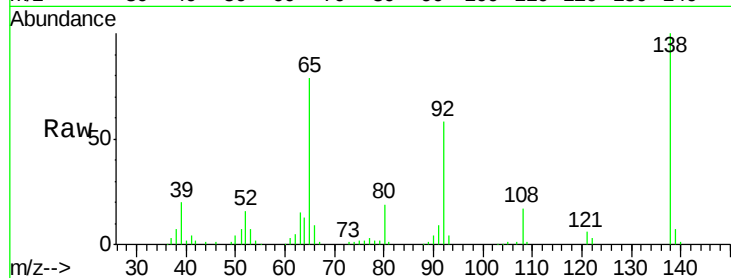
#47
 2-Nitroaniline
 Concen: 40.362 ng
 RT: 11.57 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	53.9	80.9
138	127.3	78.8	118.2

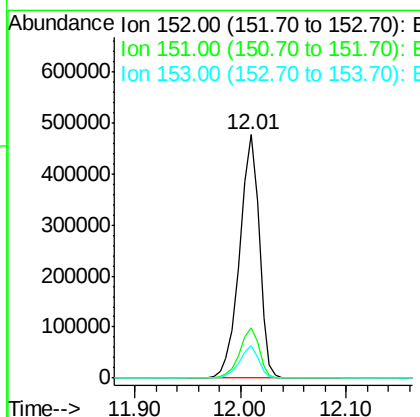
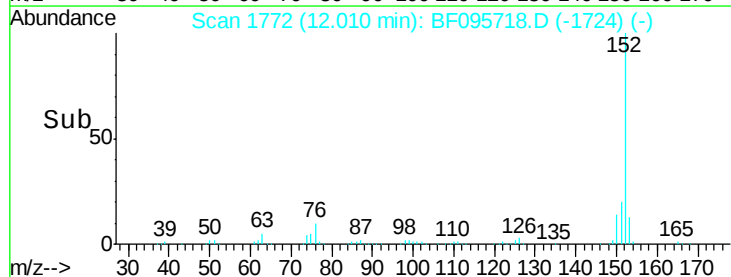
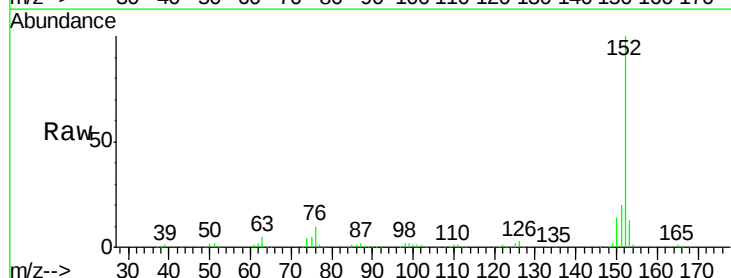
Manual Integrations
 APPROVED

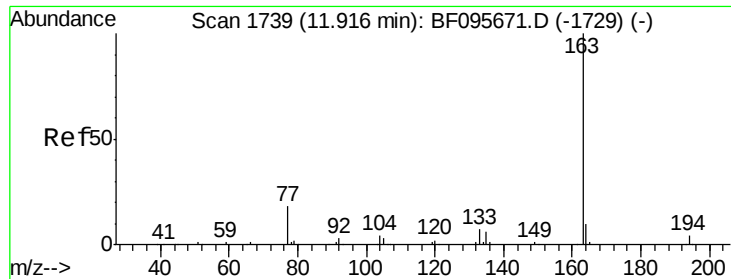
mohammad
 6/7/2017 2:18:42 PM



#48
 Acenaphthylene
 Concen: 37.348 ng
 RT: 12.01 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.1	10.8	16.2





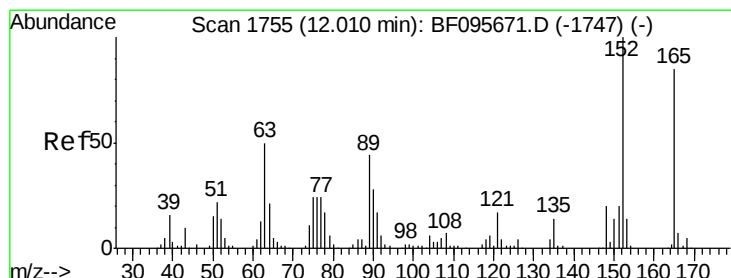
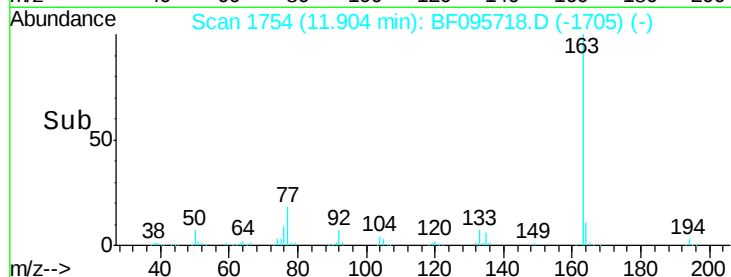
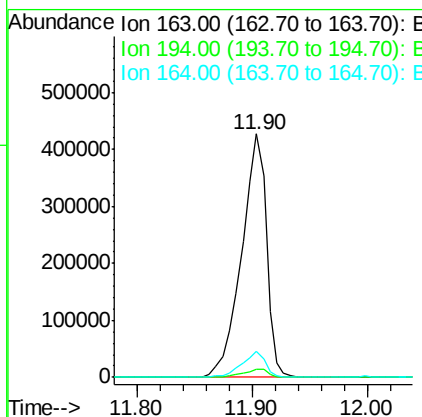
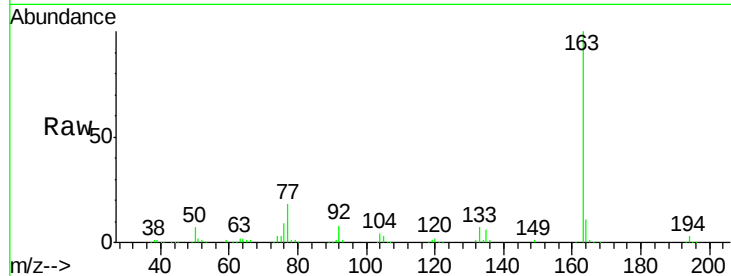
#49
Dimethylphthalate
Concen: 56.271 ng
RT: 11.90 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	637041		
194	3.4	2.6	4.0	
164	10.5	8.4	12.6	

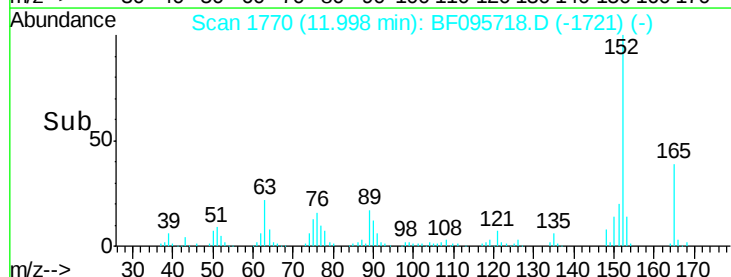
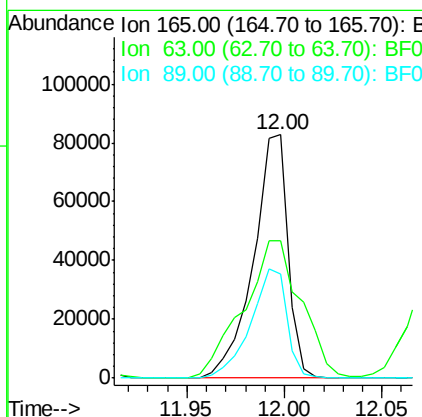
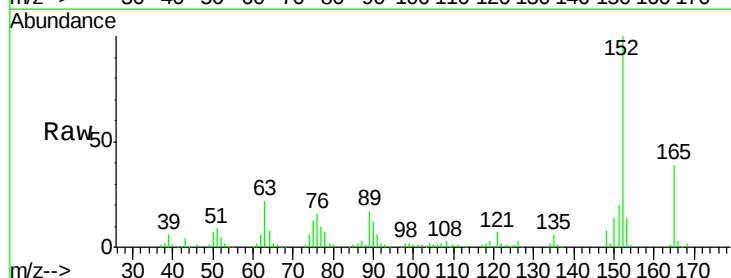
Manual Integrations
APPROVED

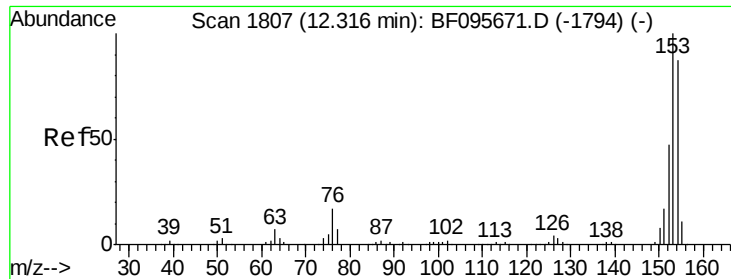
mohammad
6/7/2017 2:18:42 PM



#50
2,6-Dinitrotoluene
Concen: 41.071 ng
RT: 12.00 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	101417		
63	56.6	34.3	51.5#	
89	42.7	37.1	55.7	





#51

Acenaphthene

Concen: 38.088 ng

RT: 12.29 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

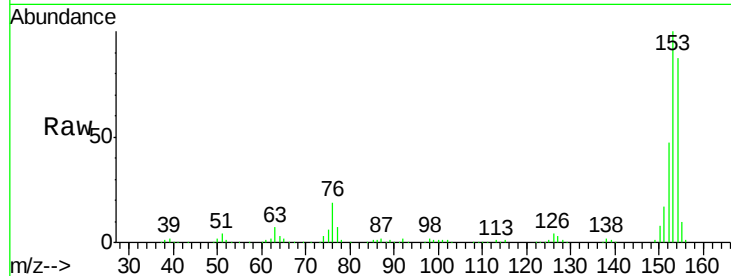
ClientSampleId :

SB-1(8-10)20170603MSD

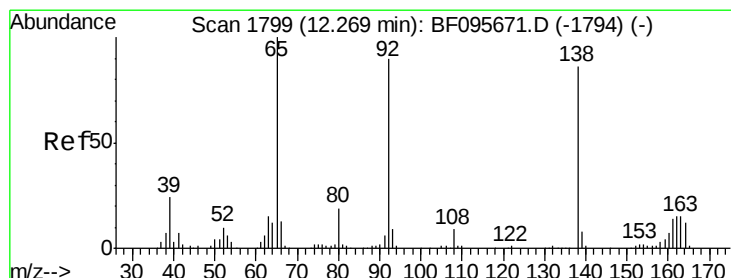
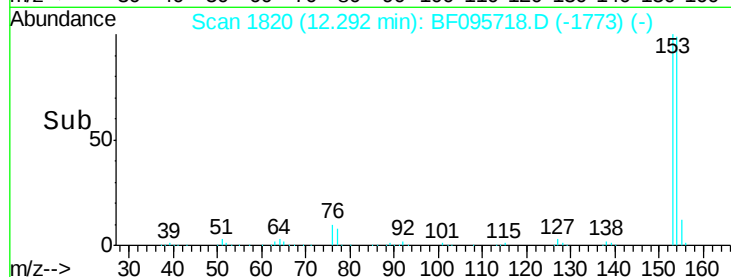
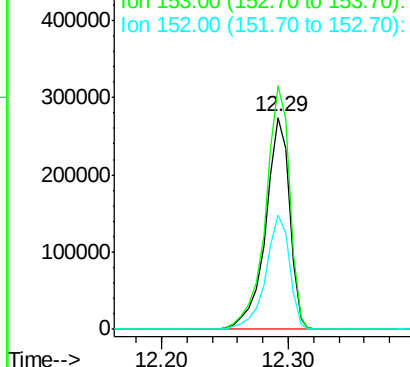
Tgt Ion:	154	Resp:	361170
Ion Ratio	Lower	Upper	
154	100		
153	115.0	90.5	135.7
152	53.8	43.6	65.4

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



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



#52

3-Nitroaniline

Concen: 35.181 ng

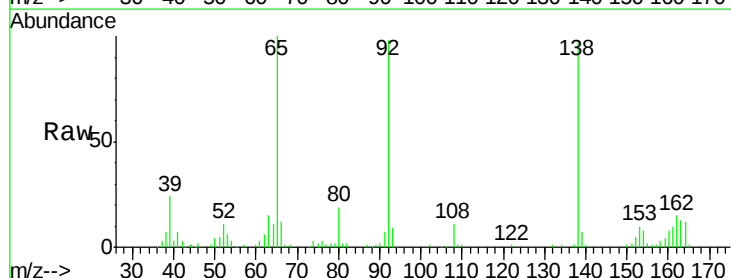
RT: 12.26 min Scan# 1814

Delta R.T. -0.01 min

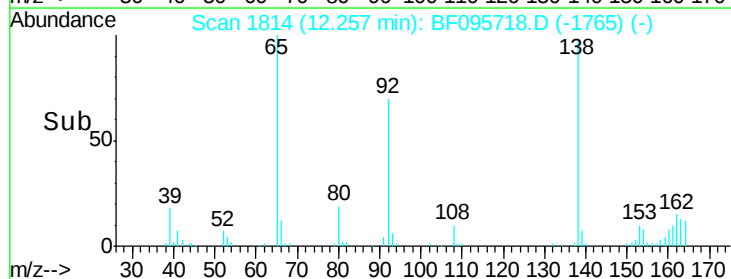
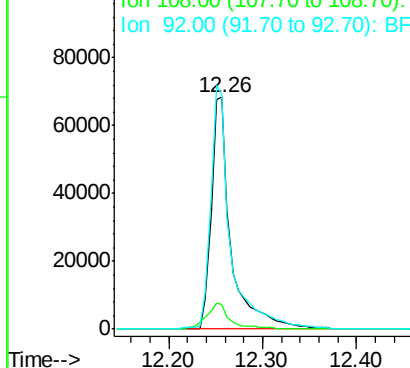
Lab File: BF095718.D

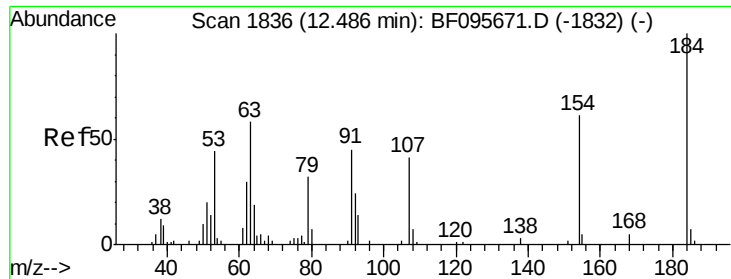
Acq: 6 Jun 2017 20:00

Tgt Ion:	138	Resp:	101213
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.1	13.7
92	101.4	93.8	140.6



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





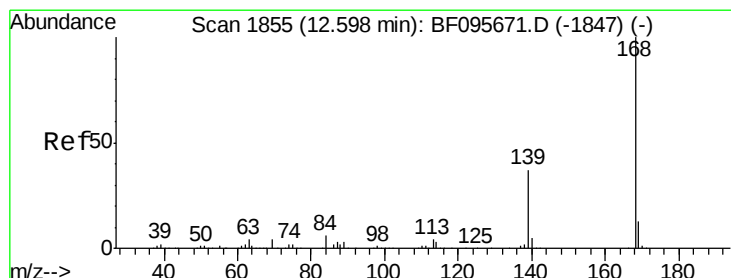
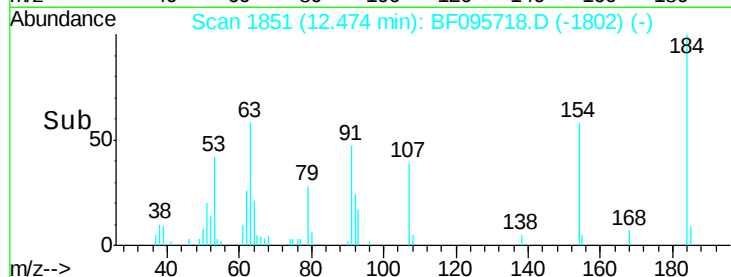
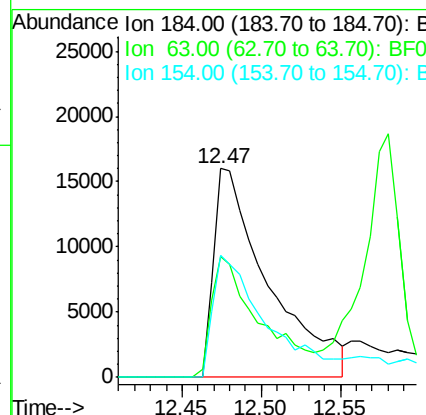
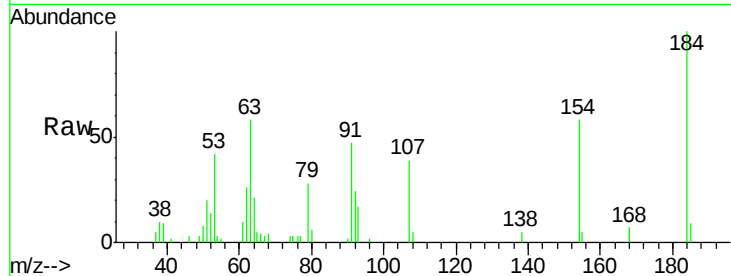
#53
2,4-Dinitrophenol
Concen: 31.777 ng
RT: 12.47 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	38493		
63	57.9	62.7	94.1#	
154	58.3	81.1	121.7#	

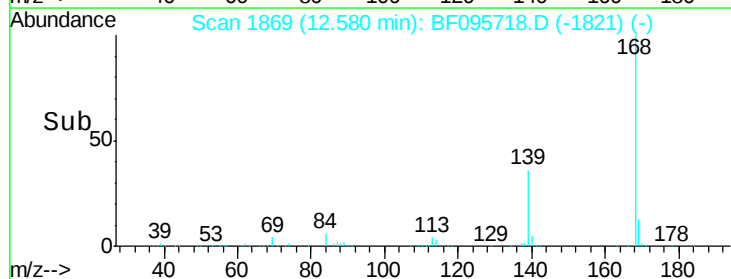
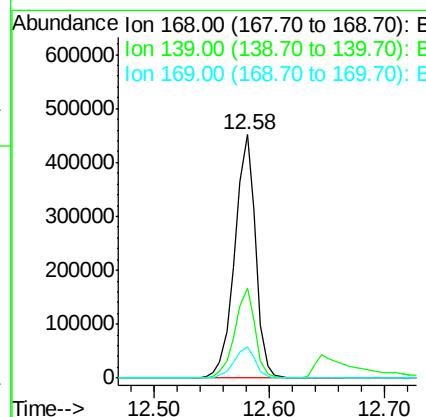
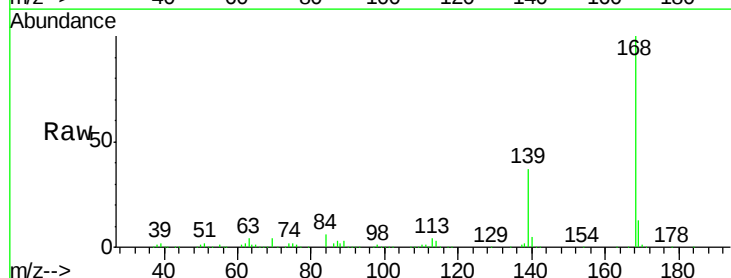
Manual Integrations
APPROVED

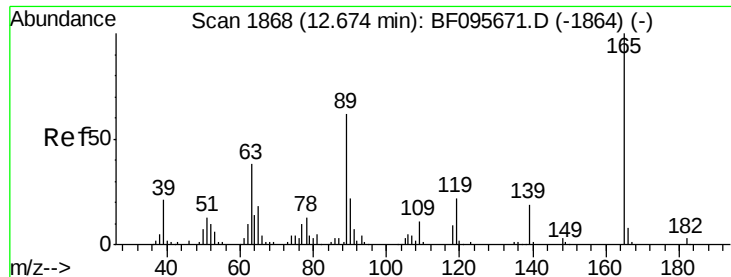
mohammad
6/7/2017 2:18:42 PM



#54
Dibenzofuran
Concen: 42.065 ng
RT: 12.58 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	561408		
139	36.8	30.6	45.8	
169	13.0	10.8	16.2	





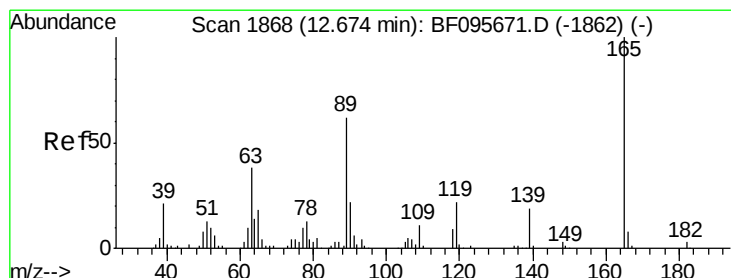
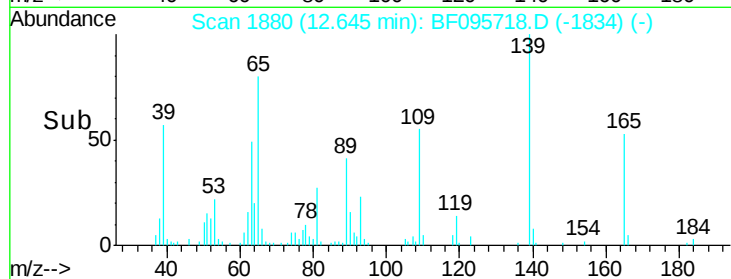
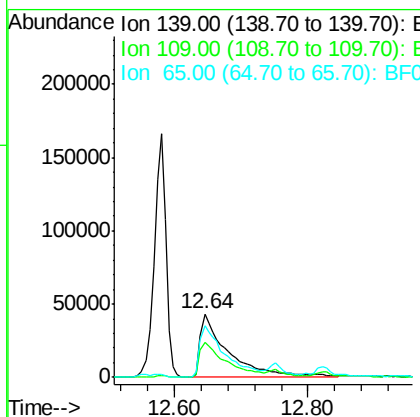
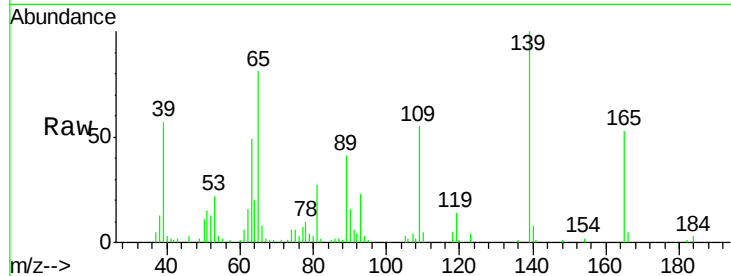
#55
4-Nitrophenol
Concen: 74.552 ng
RT: 12.64 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	124667		
109	55.4	34.1	74.1	
65	81.0	31.4	71.4	

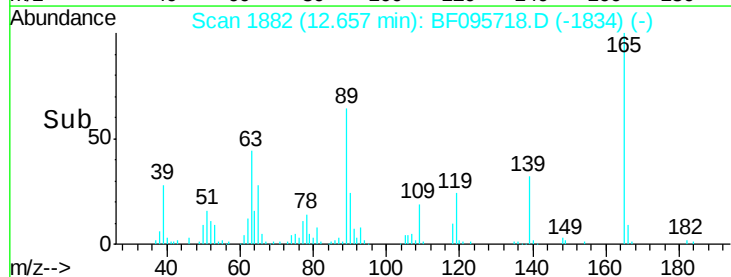
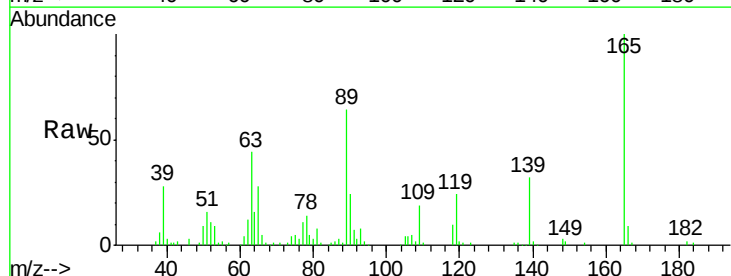
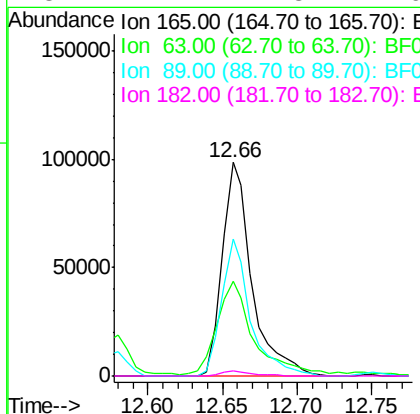
Manual Integrations
APPROVED

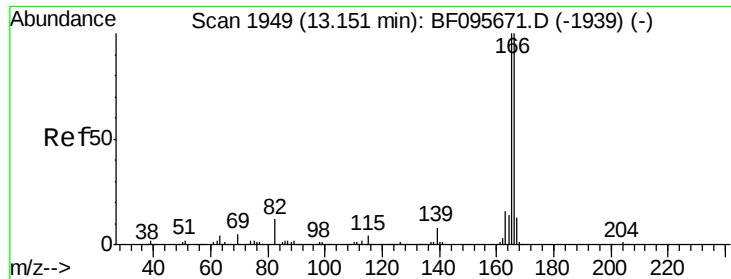
mohammad
6/7/2017 2:18:42 PM



#56
2,4-Dinitrotoluene
Concen: 41.371 ng
RT: 12.66 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	137985		
63	44.2	25.4	38.0	
89	64.3	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 37.902 ng

RT: 13.13 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

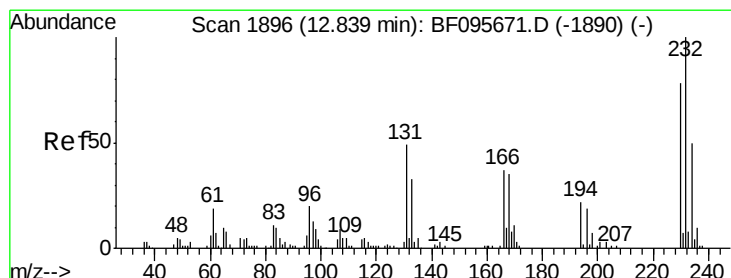
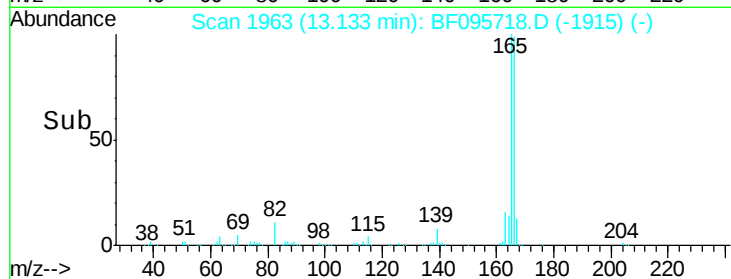
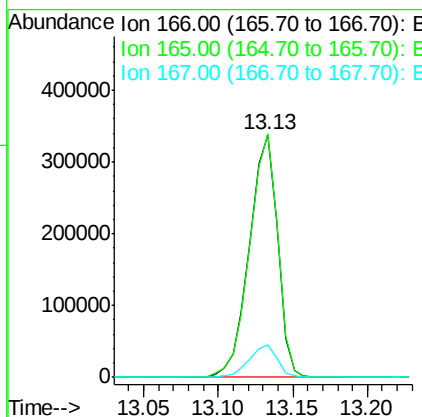
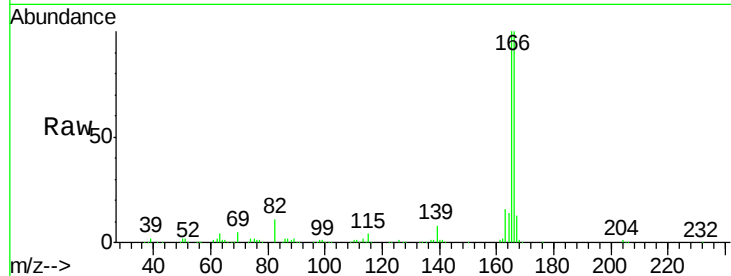
ClientSampleId :

SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.8	118.2
167	13.3	10.6	16.0

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.204 ng

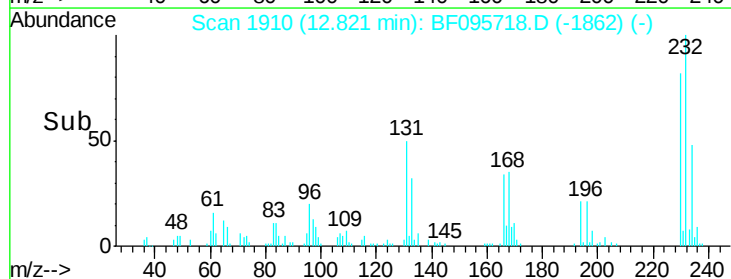
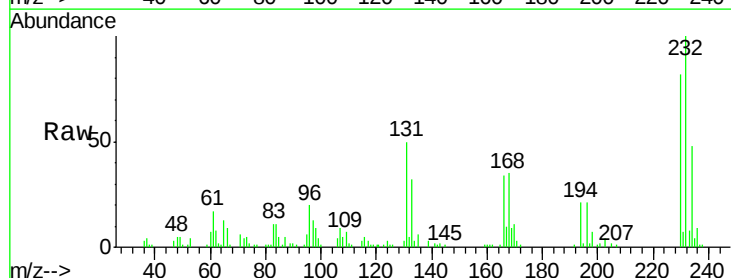
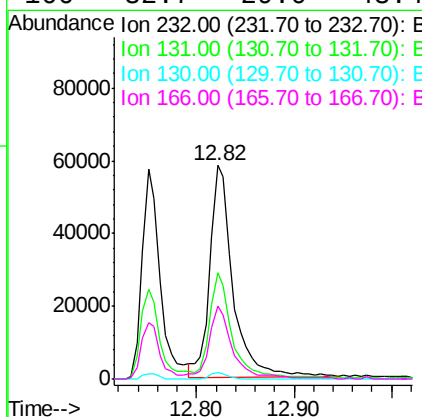
RT: 12.82 min Scan# 1910

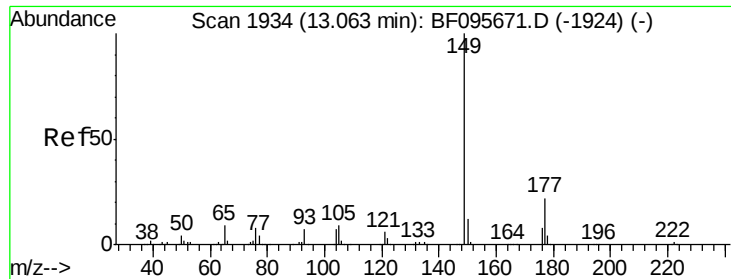
Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.8	44.8	67.2
130	2.3	2.3	3.5#
166	32.7	29.0	43.4





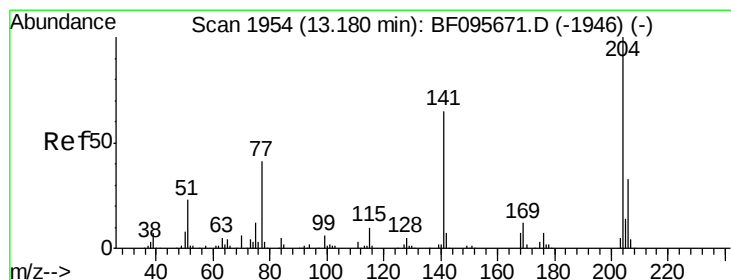
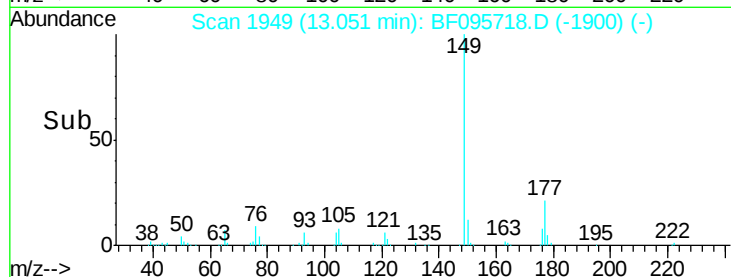
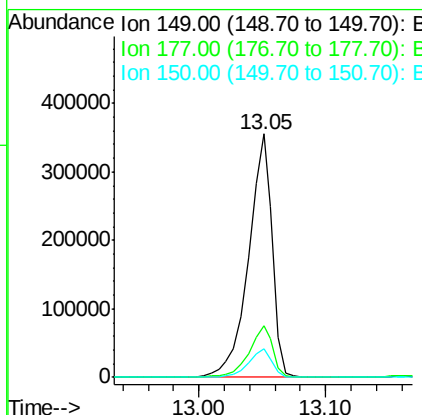
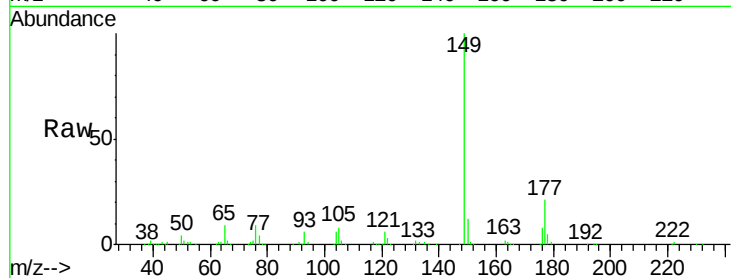
#59
Diethylphthalate
Concen: 42.228 ng
RT: 13.05 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	11.7	10.2	15.2

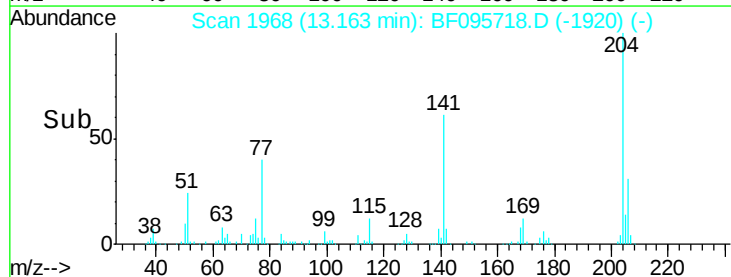
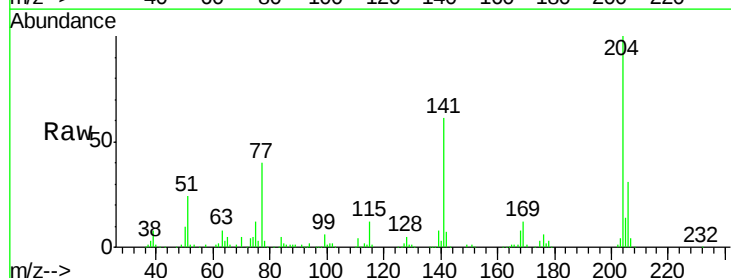
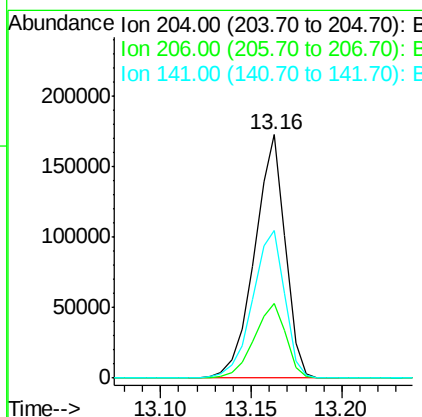
Manual Integrations
APPROVED

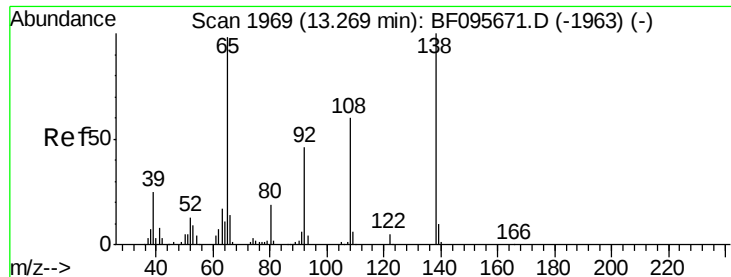
mohammad
6/7/2017 2:18:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.152 ng
RT: 13.16 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.8	26.2	39.2
141	60.8	60.8	91.2





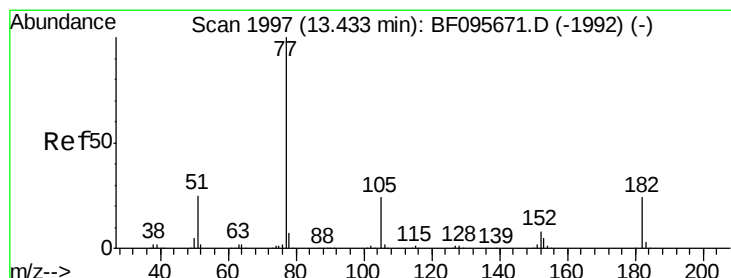
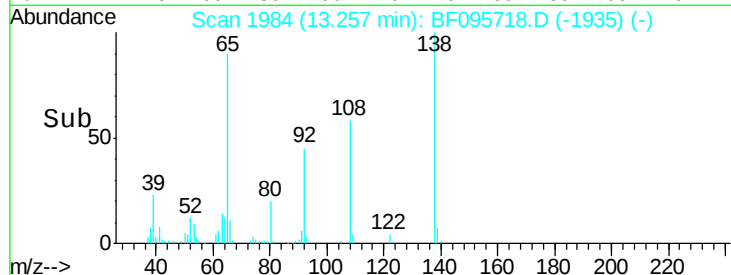
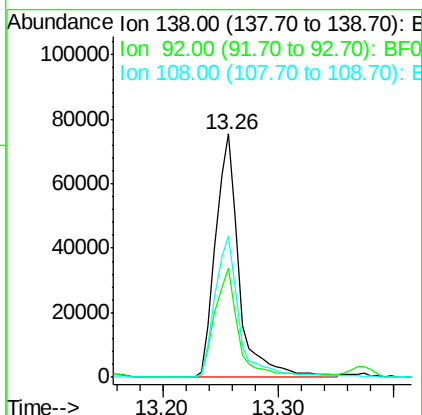
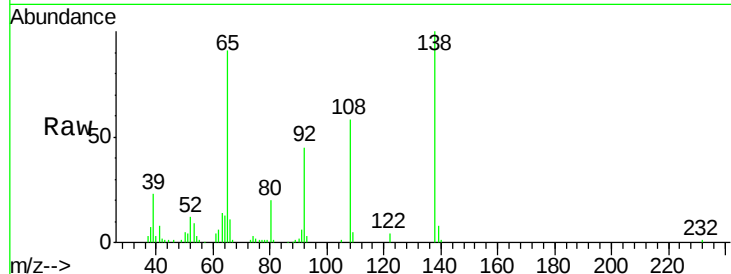
#61
4-Nitroaniline
Concen: 40.034 ng
RT: 13.26 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.8	21.8	61.8
108	58.0	42.3	82.3

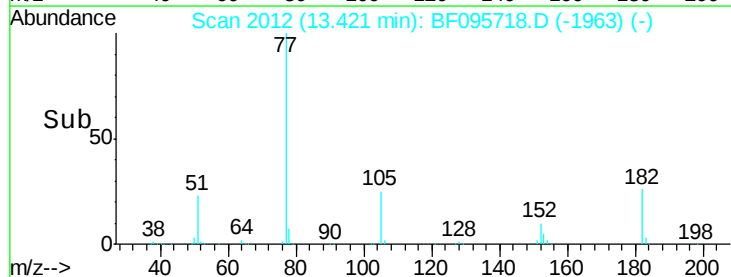
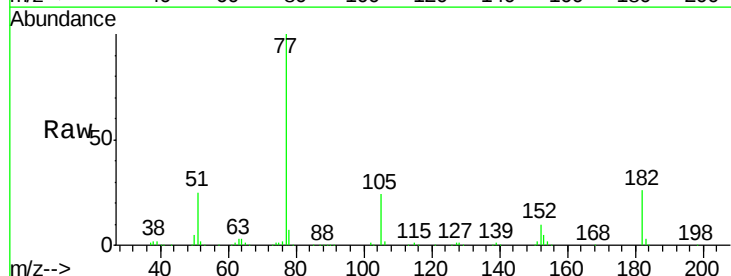
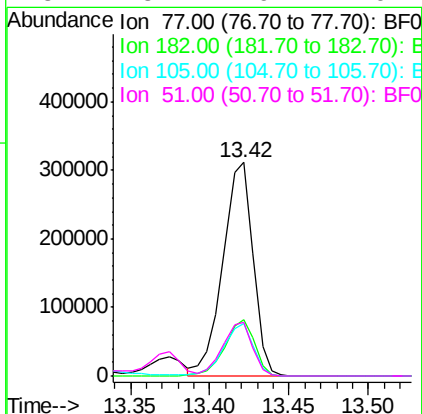
Manual Integrations
APPROVED

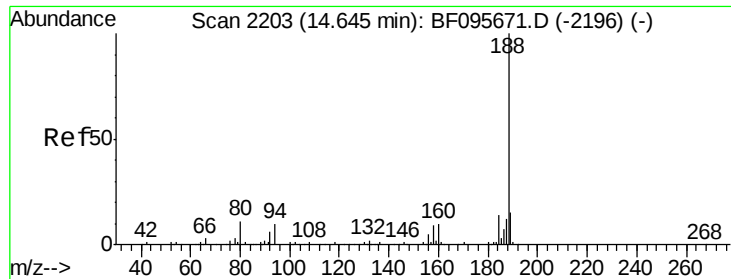
mohammad
6/7/2017 2:18:42 PM



#62
Azobenzene
Concen: 41.748 ng
RT: 13.42 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	0.1	40.1
105	24.3	3.6	43.6
51	25.1	9.4	49.4





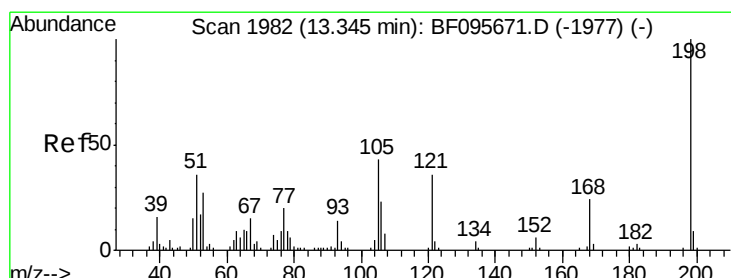
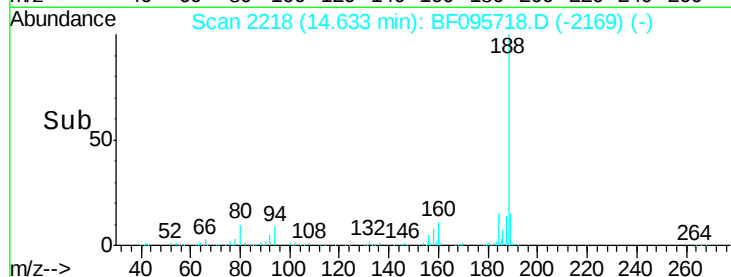
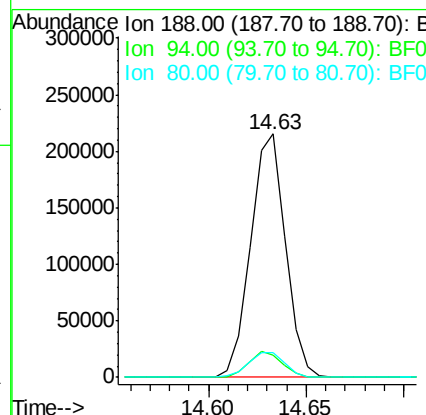
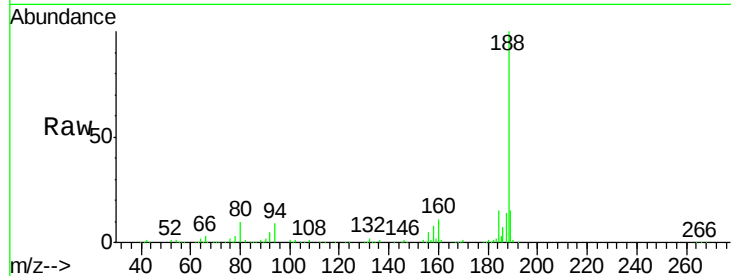
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.3	9.4	14.2#
80	10.1	10.2	15.2#

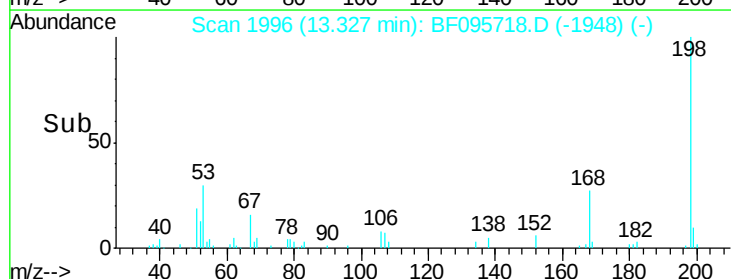
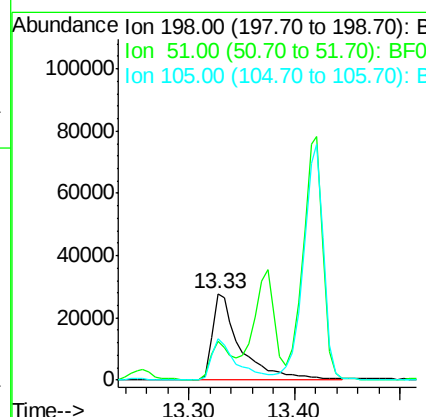
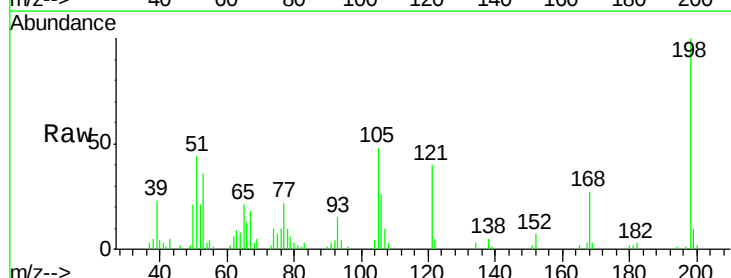
Manual Integrations
APPROVED

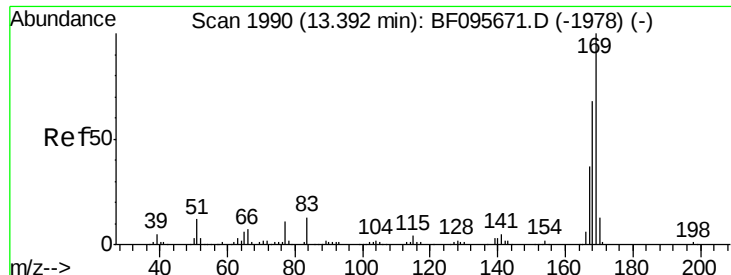
mohammad
6/7/2017 2:18:42 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 29.704 ng
RT: 13.33 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.4	53.2	93.2#
105	48.0	45.8	85.8





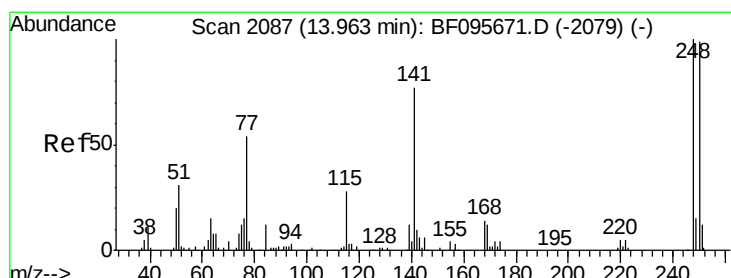
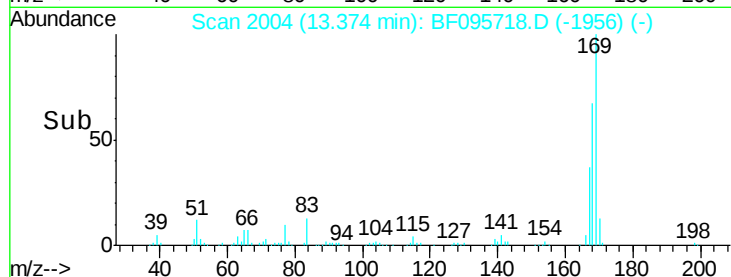
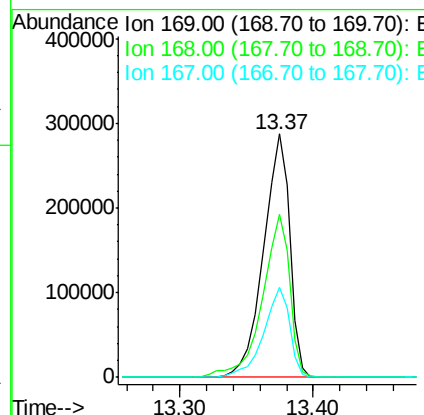
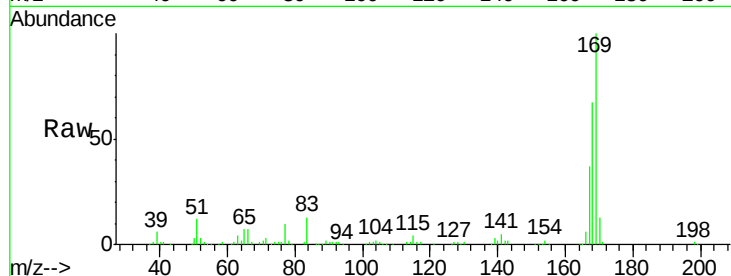
#65
n-Nitrosodiphenylamine
Concen: 40.804 ng
RT: 13.37 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	389473		
168	66.8	53.2	79.8	
167	36.9	29.5	44.3	

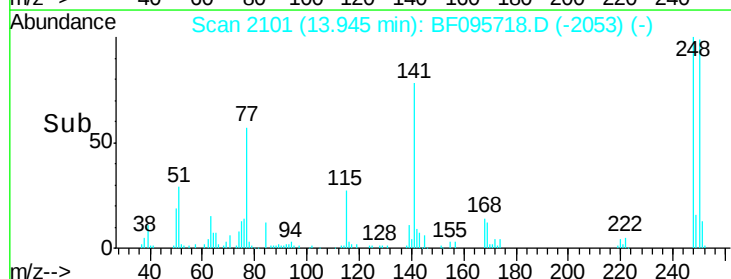
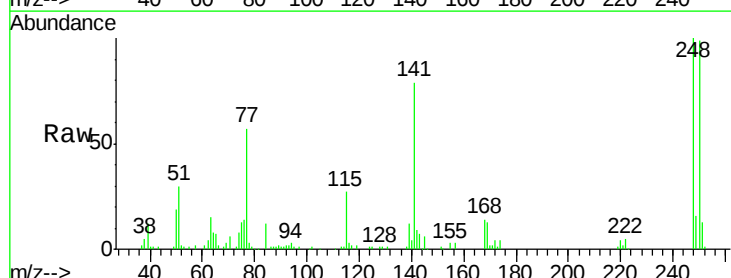
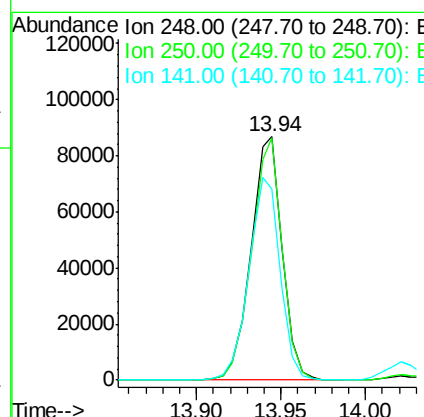
Manual Integrations
APPROVED

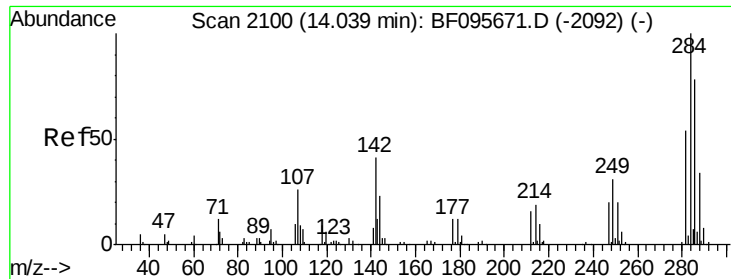
mohammad
6/7/2017 2:18:42 PM



#66
4-Bromophenyl-phenylether
Concen: 40.451 ng
RT: 13.94 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	111671		
250	99.5	76.8	115.2	
141	78.5	68.6	103.0	





#67

Hexachlorobenzene

Concen: 40.514 ng

RT: 14.02 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

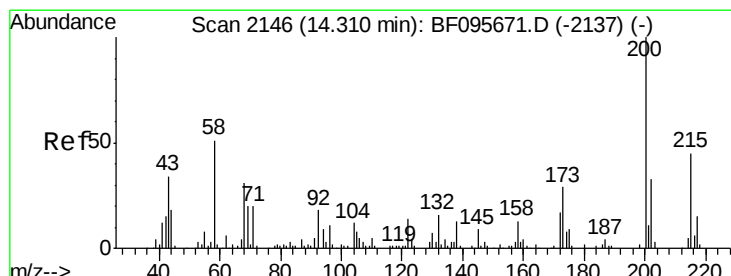
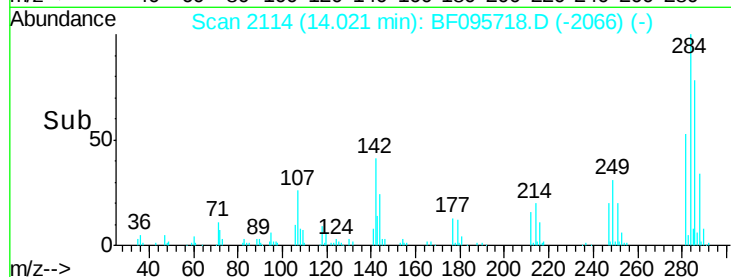
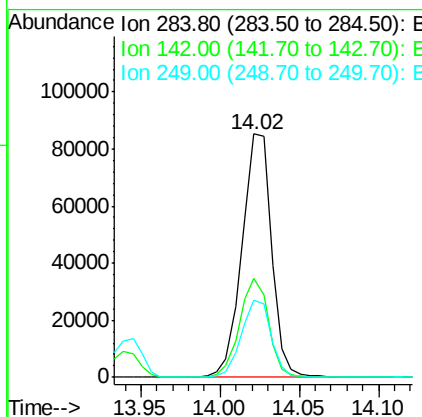
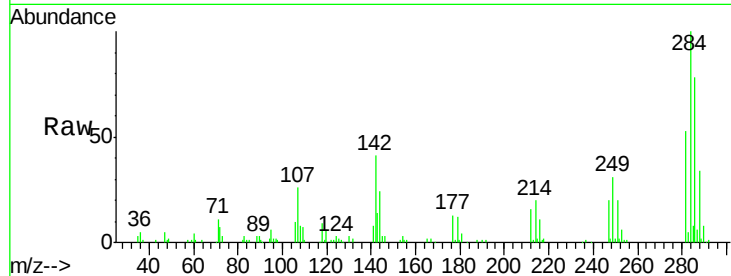
ClientSampleId :

SB-1(8-10)20170603MSD

Tgt Ion:	284	Resp:	110211
Ion Ratio		Lower	Upper
284	100		
142	40.8	22.8	34.2#
249	31.5	24.0	36.0

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



#68

Atrazine

Concen: 43.947 ng

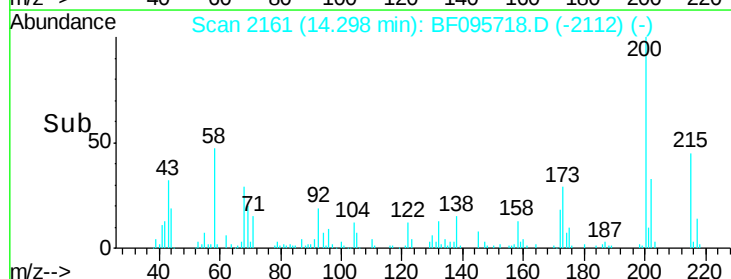
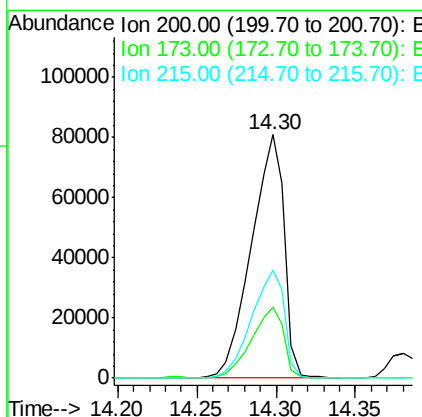
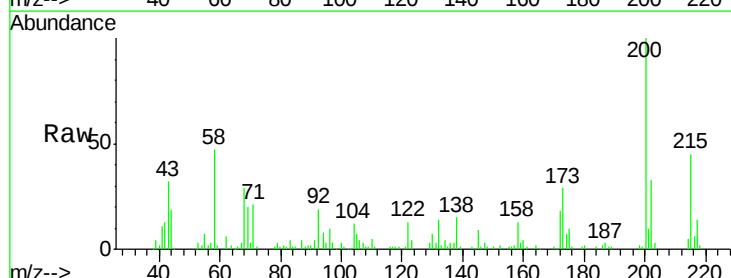
RT: 14.30 min Scan# 2161

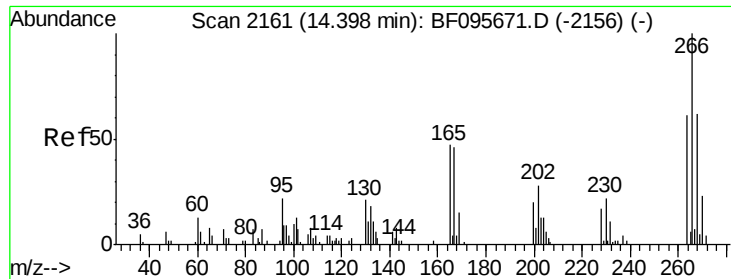
Delta R.T. -0.01 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Tgt Ion:	200	Resp:	116741
Ion Ratio		Lower	Upper
200	100		
173	29.2	6.3	46.3
215	44.5	27.2	67.2





#69

Pentachlorophenol

Concen: 73.577 ng

RT: 14.38 min Scan# 2175

Delta R.T. -0.02 min

Lab File: BF095718.D

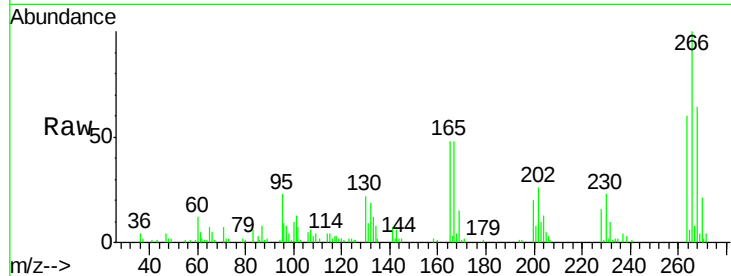
Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

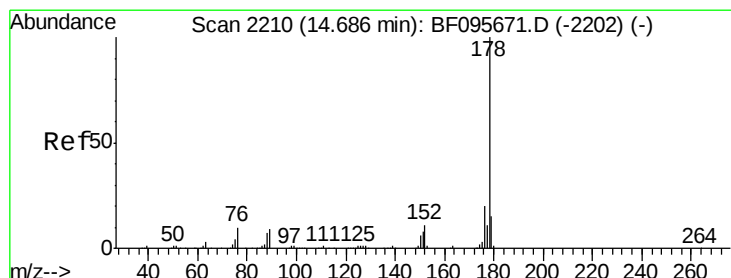
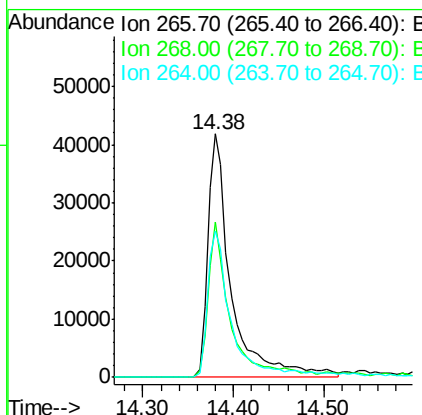
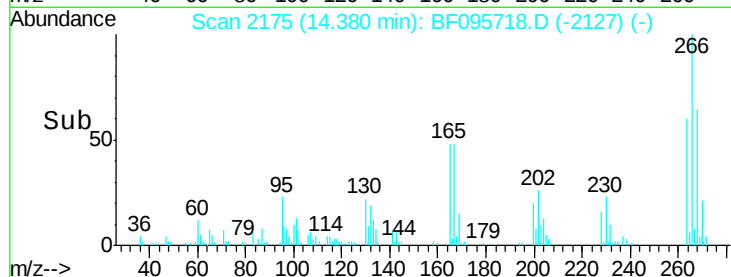
SB-1(8-10)20170603MSD



Tgt Ion:	266	Resp:	75297
Ion Ratio	Lower	Upper	
266	100		
268	63.8	51.1	76.7
264	60.3	51.7	77.5

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



#70

Phenanthrene

Concen: 39.912 ng

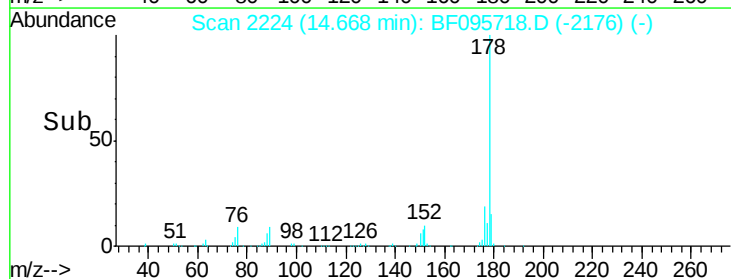
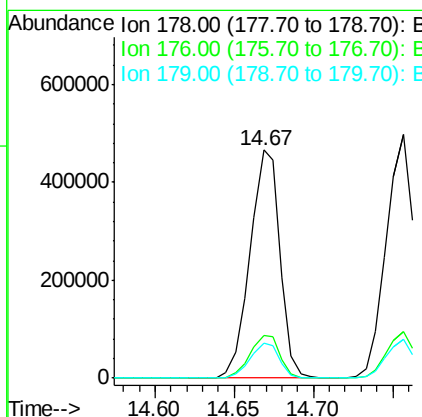
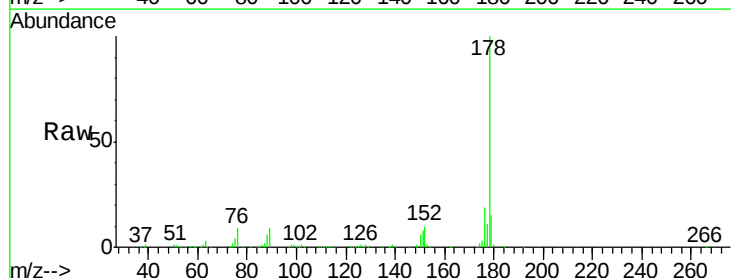
RT: 14.67 min Scan# 2224

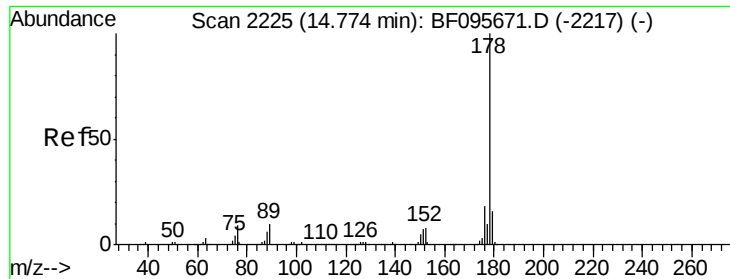
Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Tgt Ion:	178	Resp:	611719
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.2	24.4
179	15.1	12.6	19.0





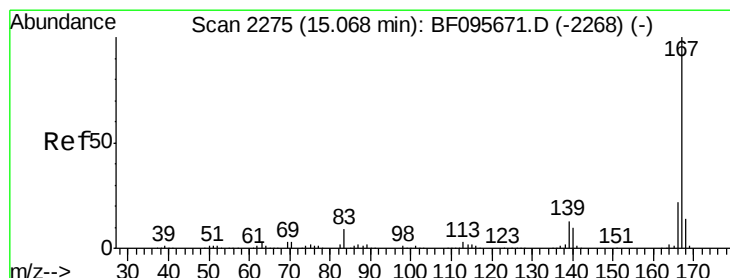
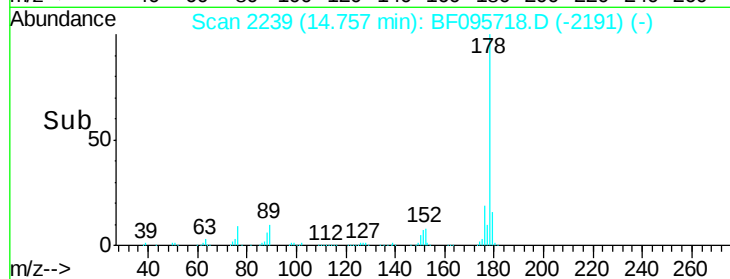
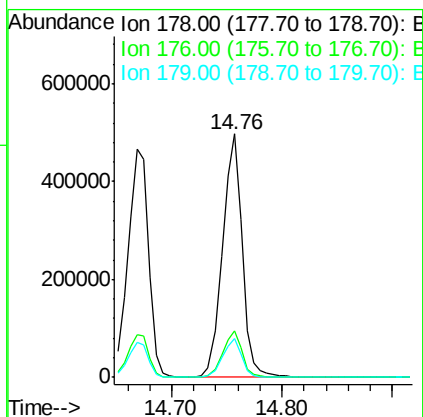
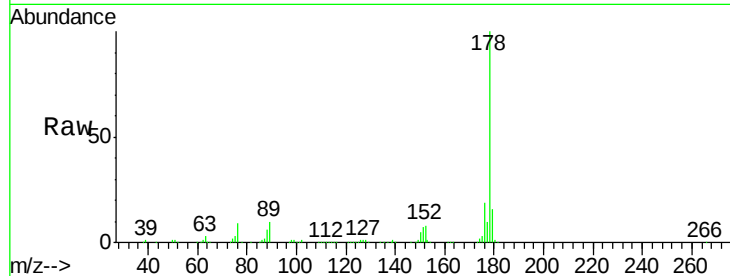
#71
 Anthracene
 Concen: 38.814 ng
 RT: 14.76 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.7	12.7	19.1

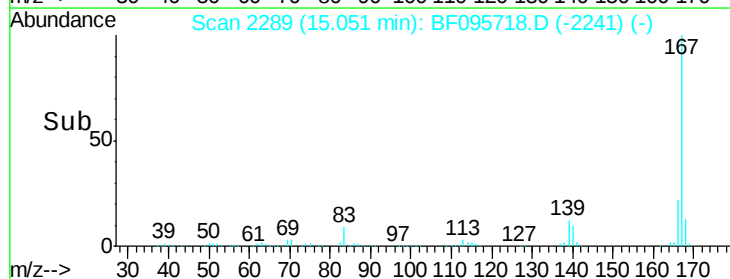
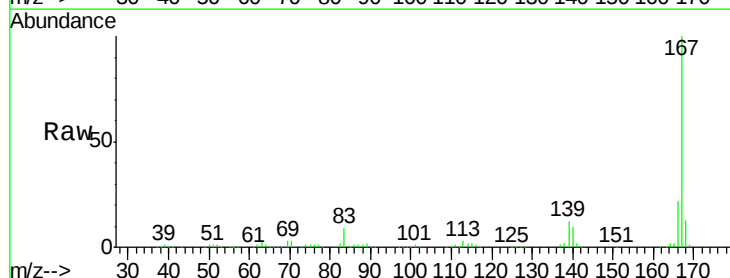
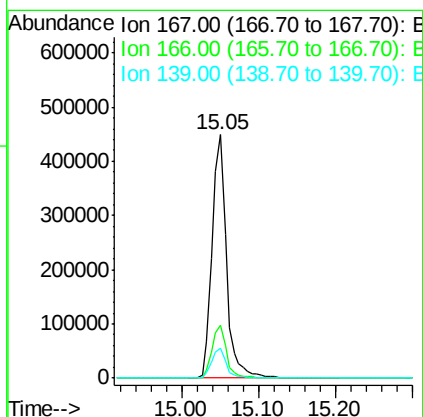
Manual Integrations
 APPROVED

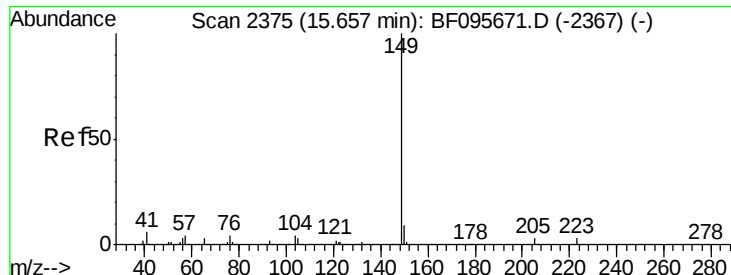
mohammad
 6/7/2017 2:18:42 PM



#72
 Carbazole
 Concen: 36.812 ng
 RT: 15.05 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	12.4	11.7	17.5





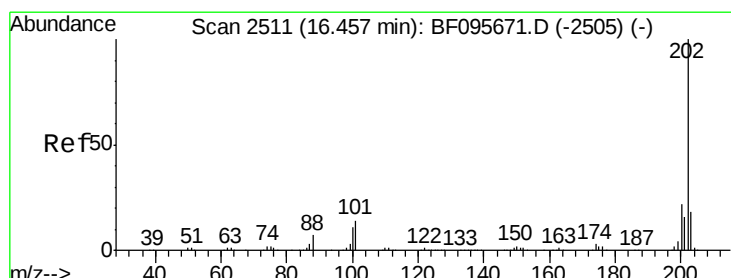
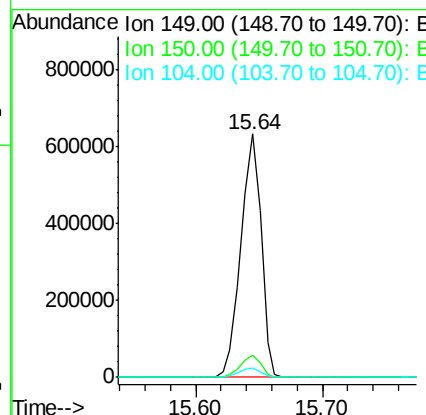
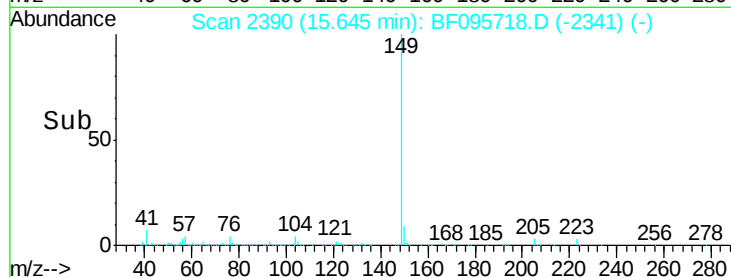
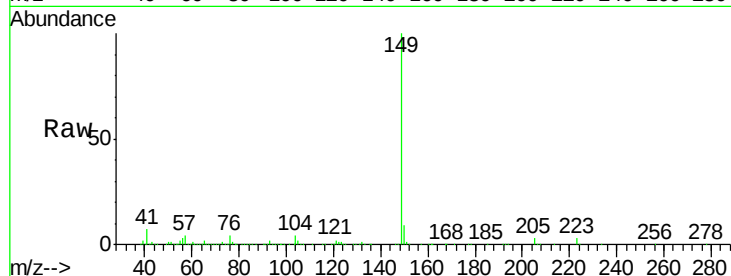
#73
Di-n-butylphthalate
Concen: 41.951 ng
RT: 15.64 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.0	7.7	11.5
104	4.0	4.0	6.0

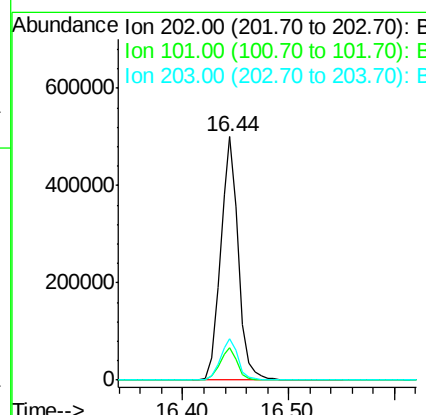
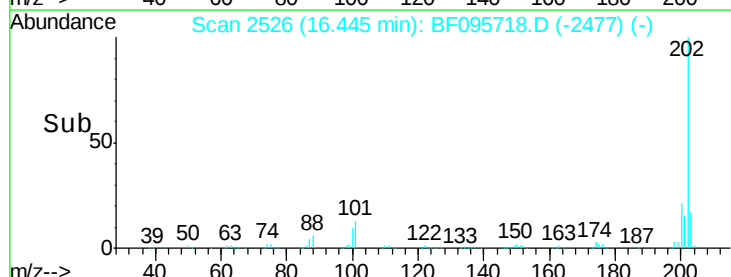
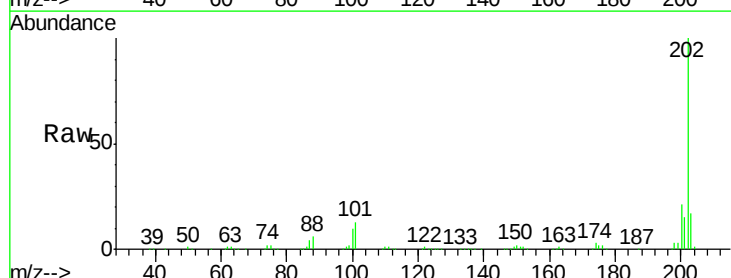
Manual Integrations
APPROVED

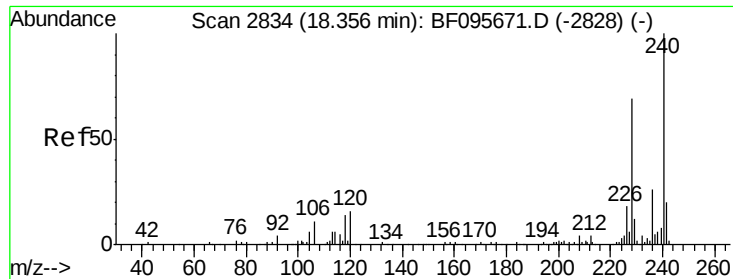
mohammad
6/7/2017 2:18:42 PM



#74
Fluoranthene
Concen: 38.843 ng
RT: 16.44 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	0.0	33.2
203	17.2	0.0	38.1





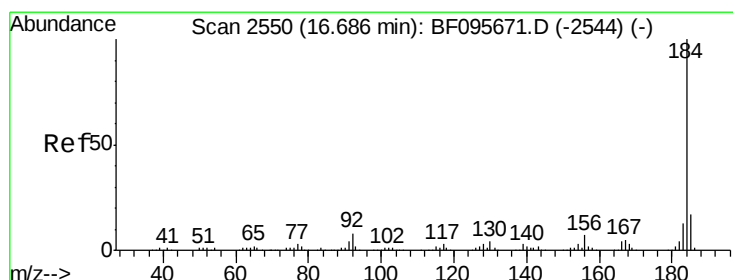
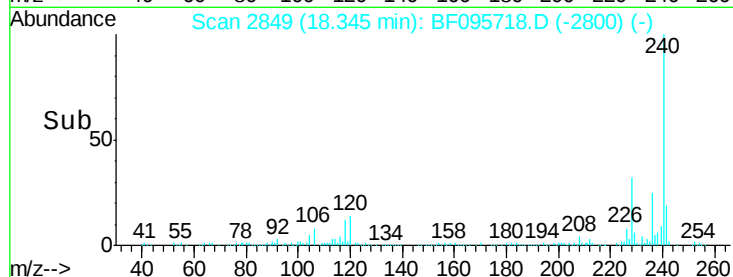
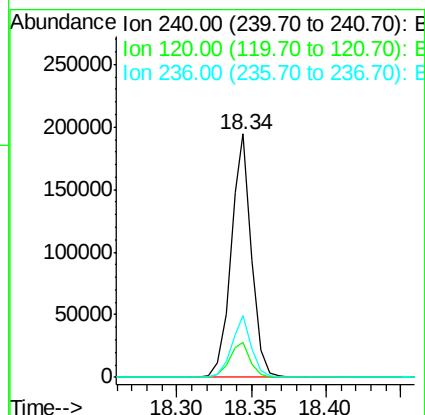
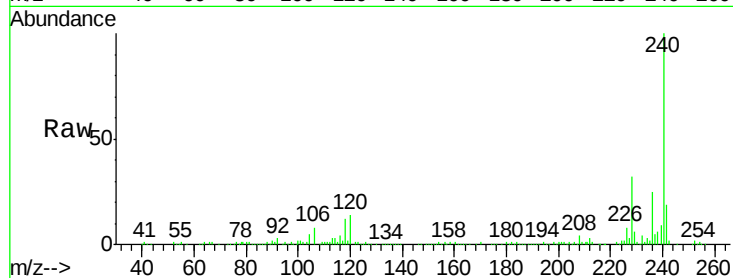
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.34 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	186510		
120	14.4	5.8	8.8#	
236	25.2	20.5	30.7	

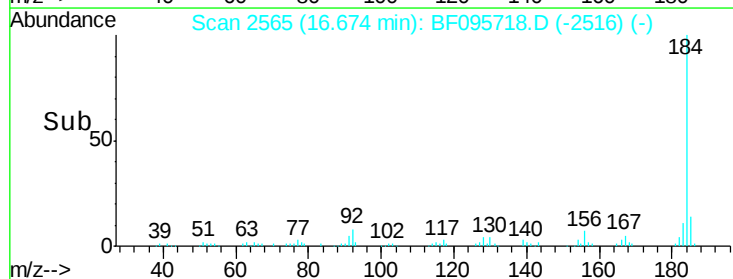
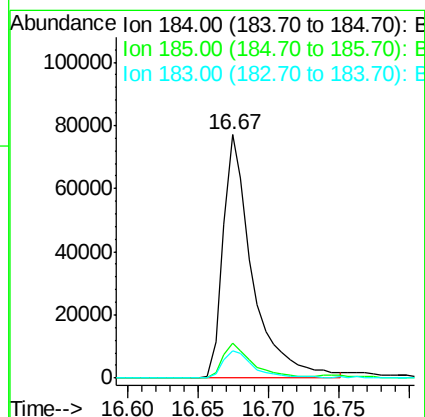
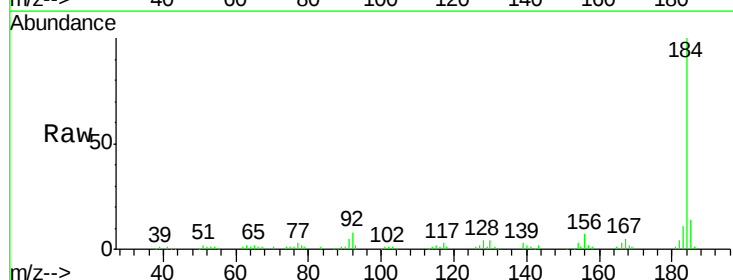
Manual Integrations
APPROVED

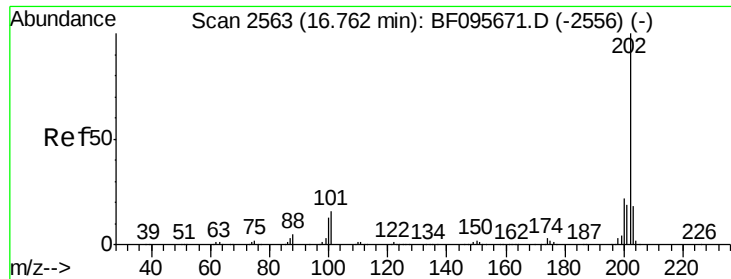
mohammad
6/7/2017 2:18:42 PM



#76
Benzidine
Concen: 15.677 ng
RT: 16.67 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	112295		
185	14.4	15.5	23.3#	
183	11.3	9.8	14.6	





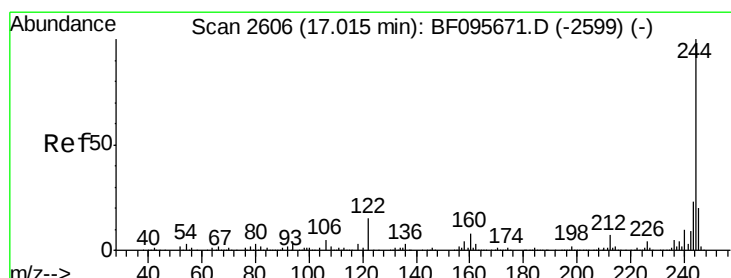
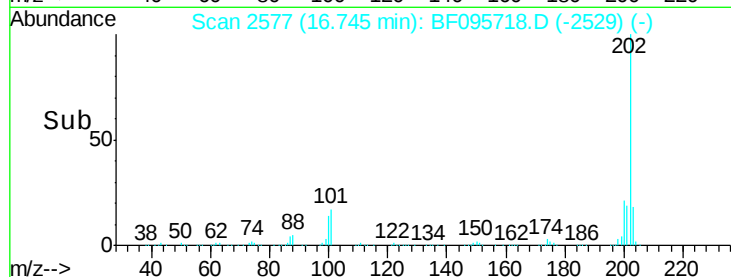
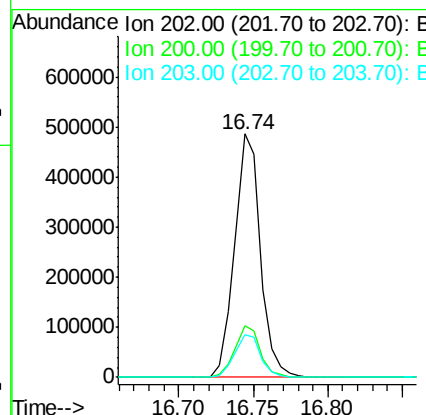
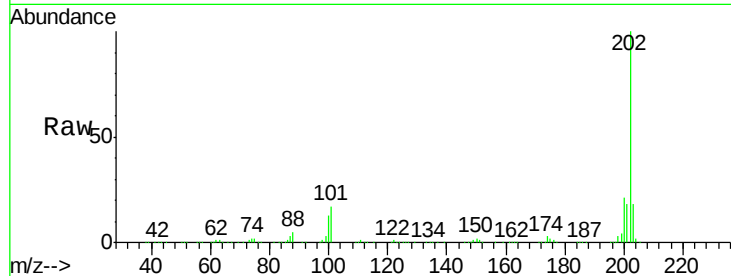
#77
 Pyrene
 Concen: 42.535 ng
 RT: 16.74 min Scan# 2577
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	591934		
200	21.1	17.6	26.4	
203	17.7	14.4	21.6	

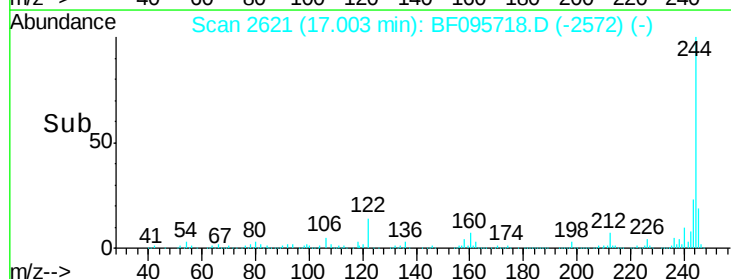
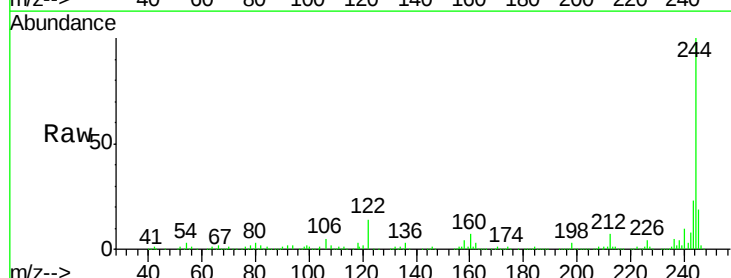
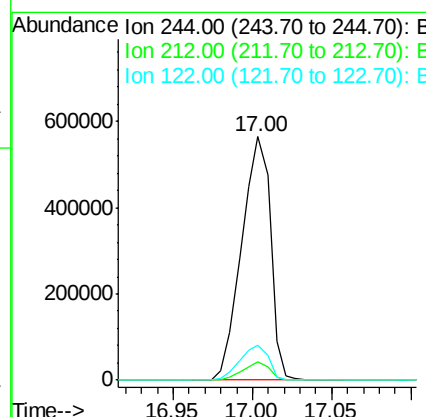
Manual Integrations
 APPROVED

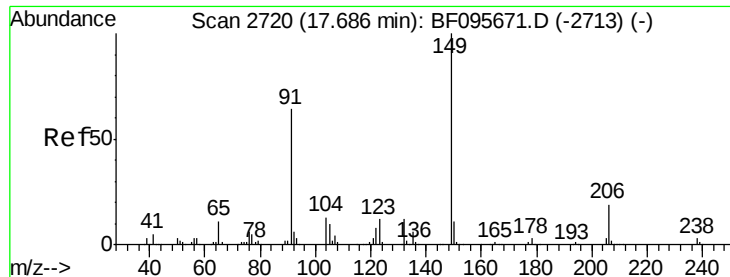
mohammad
 6/7/2017 2:18:42 PM



#78
 Terphenyl-d14
 Concen: 94.471 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	709975		
212	7.4	6.0	9.0	
122	14.4	10.3	15.5	





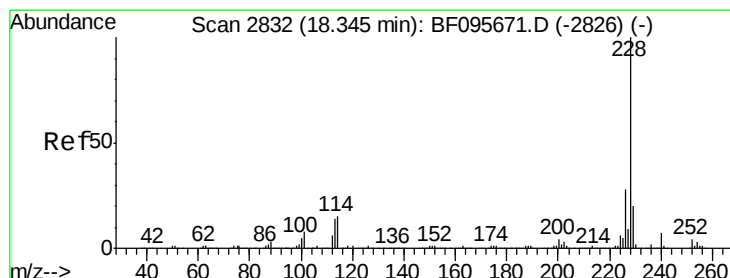
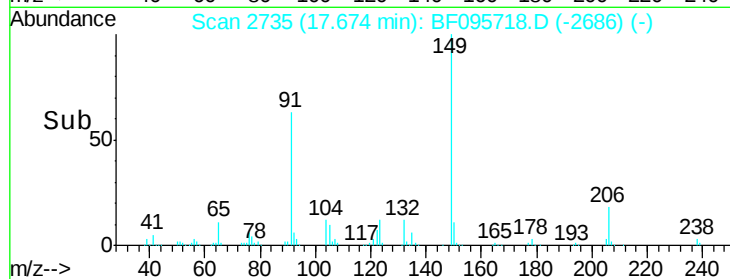
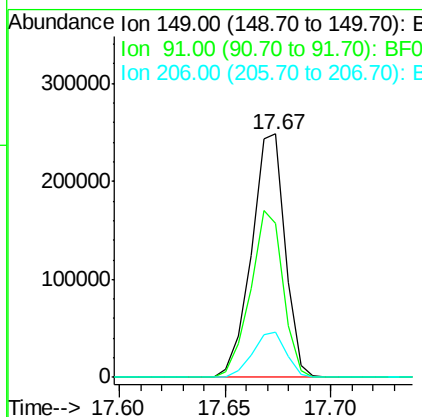
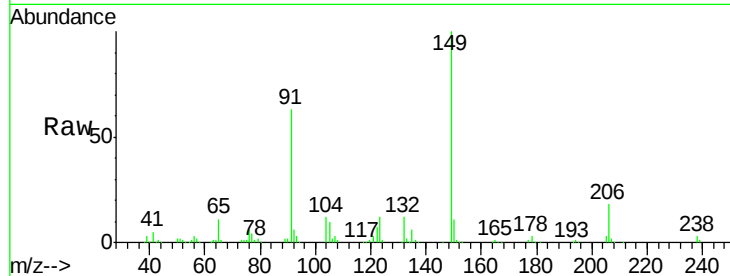
#79
Butylbenzylphthalate
Concen: 45.231 ng
RT: 17.67 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	274907		
91	63.1	45.0	67.4	
206	18.4	17.0	25.6	

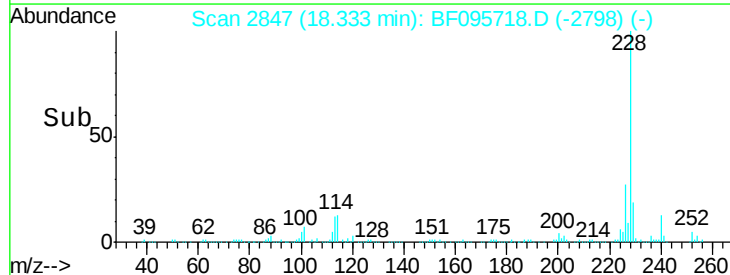
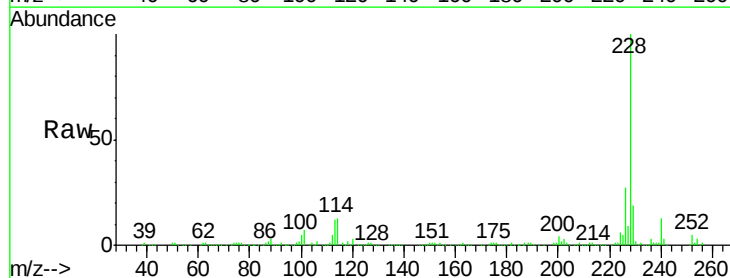
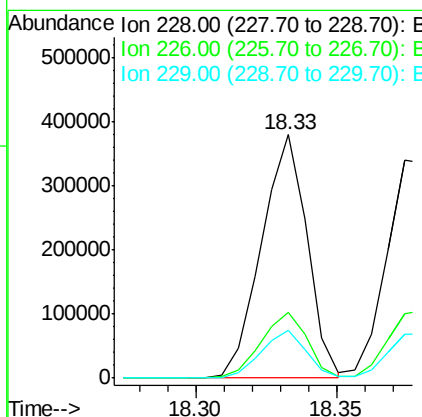
Manual Integrations
APPROVED

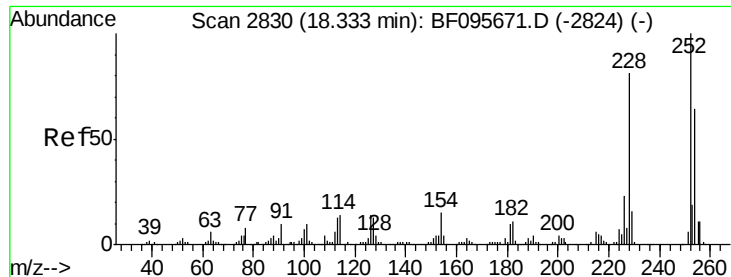
mohammad
6/7/2017 2:18:42 PM



#80
Benzo(a)anthracene
Concen: 39.193 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	425004		
226	26.8	22.6	33.8	
229	19.5	16.3	24.5	





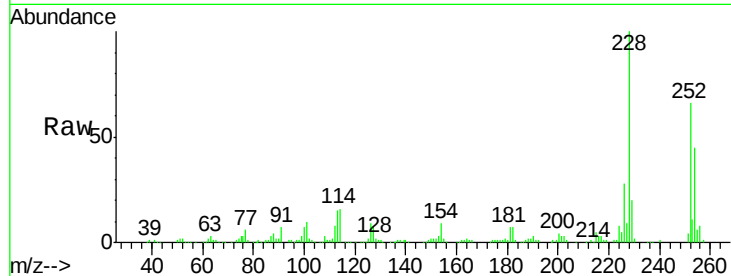
#81
 3,3'-Dichlorobenzidine
 Concen: 33.427 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

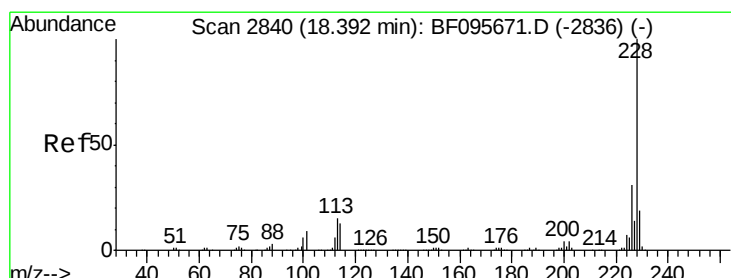
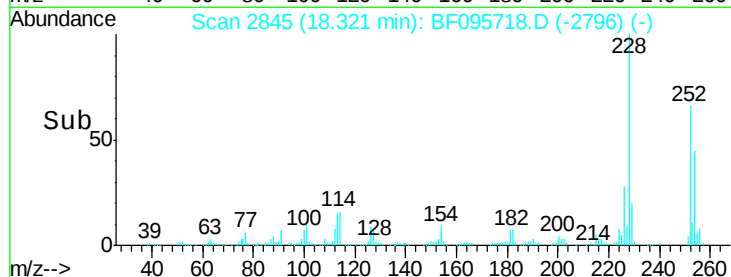
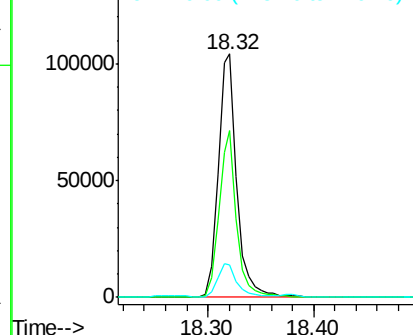
Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.3	51.5	77.3
126	13.6	15.8	23.8

Manual Integrations
 APPROVED

mohammad
 6/7/2017 2:18:42 PM



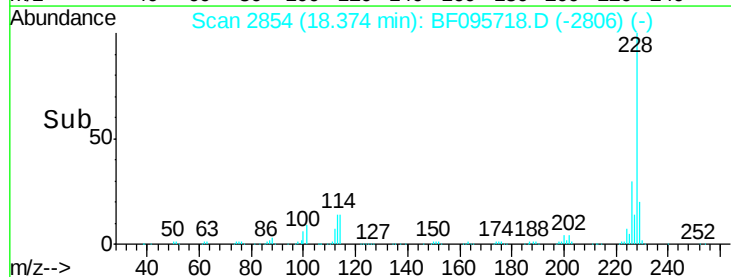
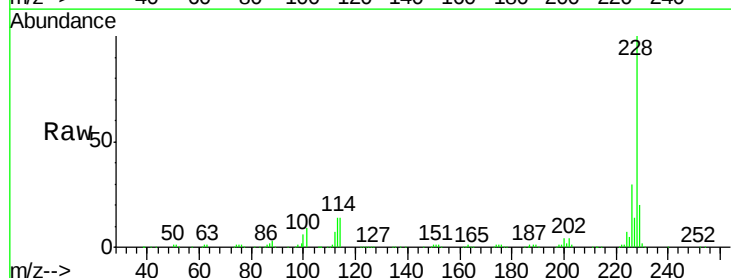
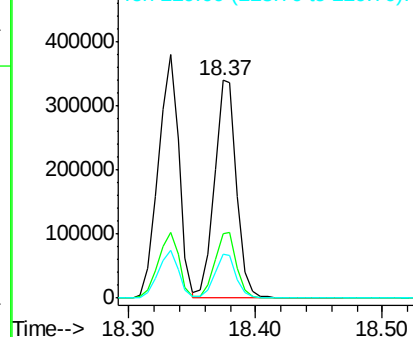
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

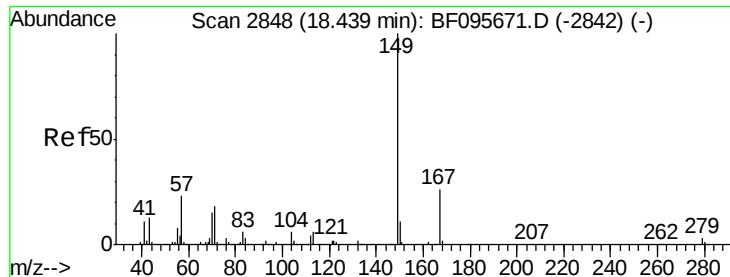


#82
 Chrysene
 Concen: 38.426 ng
 RT: 18.37 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	20.3	15.8	23.6

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.443 ng

RT: 18.42 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

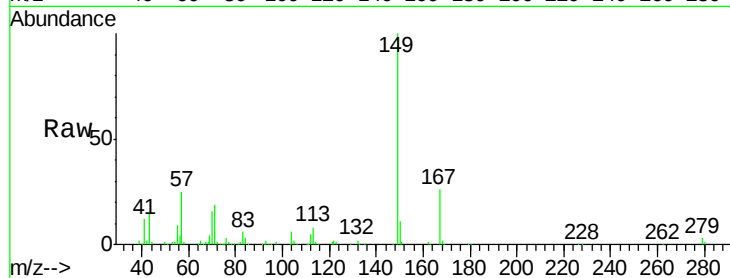
ClientSampleId :

SB-1(8-10)20170603MSD

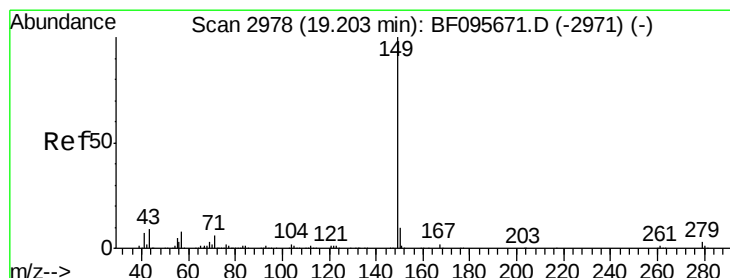
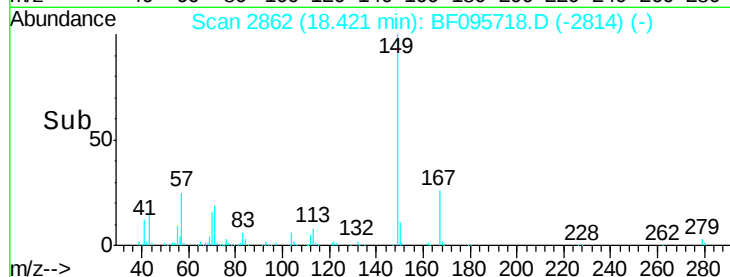
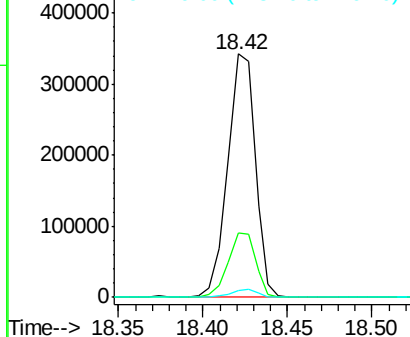
Tgt Ion:	149	Resp:	389602
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.0	31.4
279	3.0	1.9	2.9#

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.649 ng

RT: 19.19 min Scan# 2993

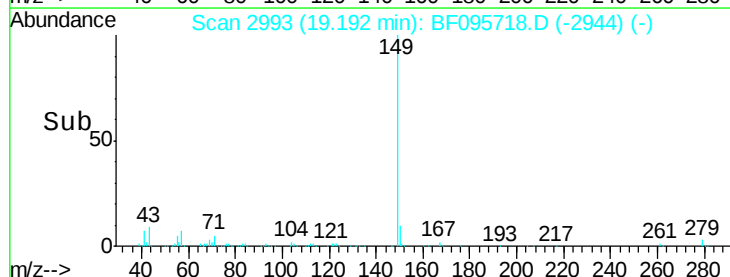
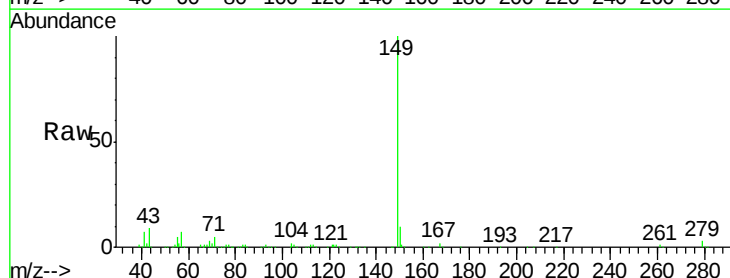
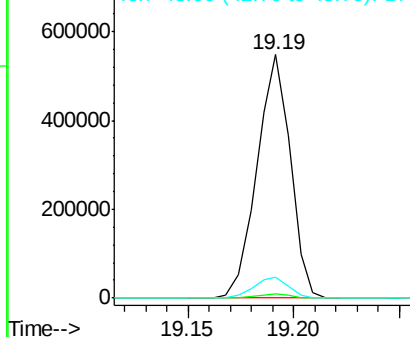
Delta R.T. -0.01 min

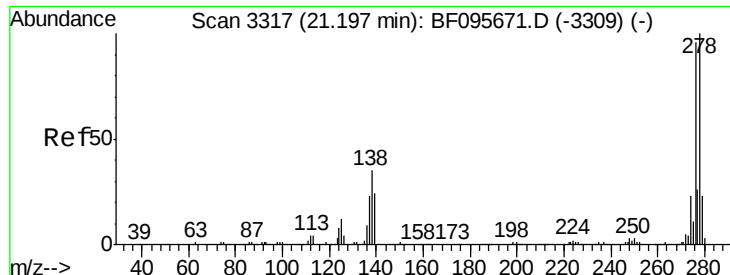
Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Tgt Ion:	149	Resp:	602522
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.7	8.5	12.7

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





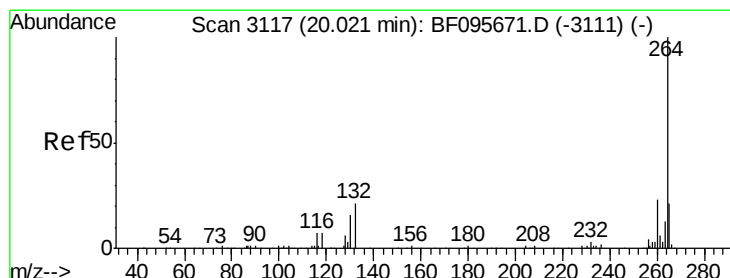
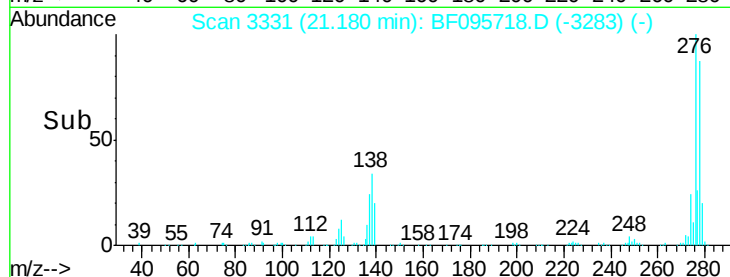
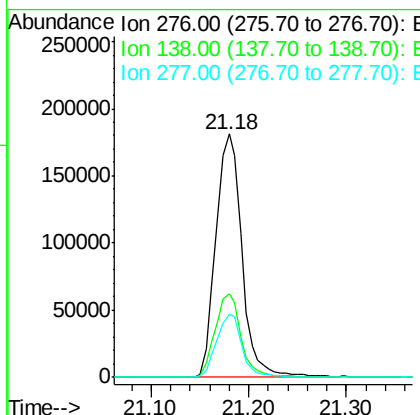
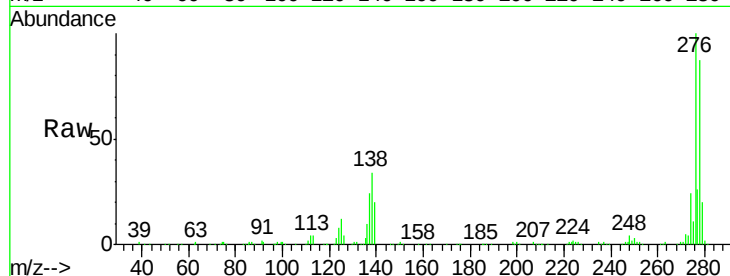
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.317 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.6	20.2	30.4

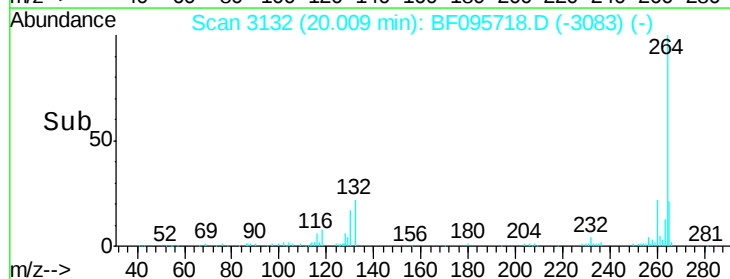
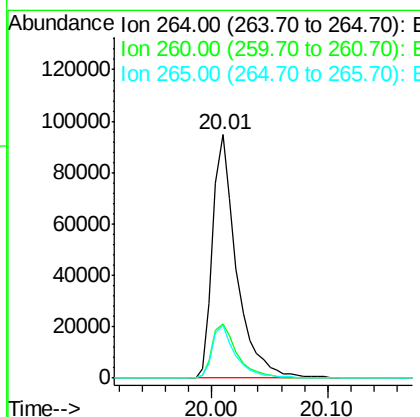
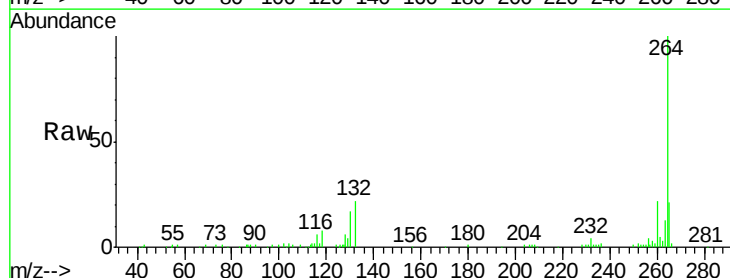
Manual Integrations
APPROVED

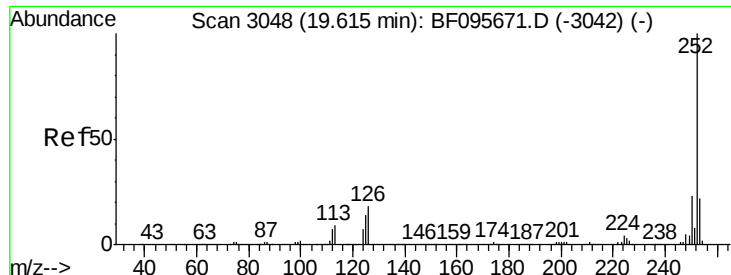
mohammad
6/7/2017 2:18:42 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 20.01 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.980 ng

RT: 19.60 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Instrument :

BNA_F

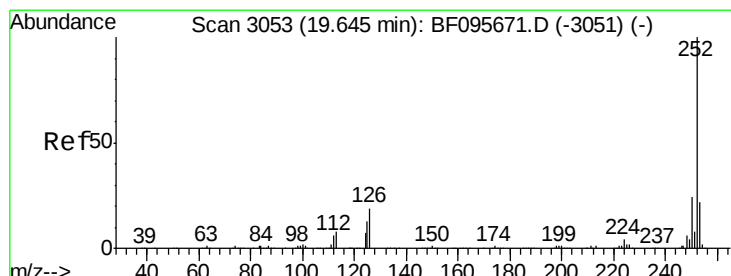
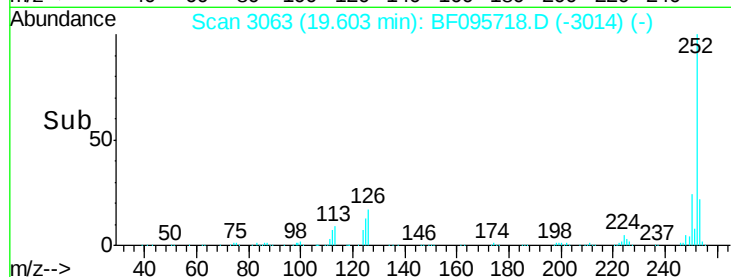
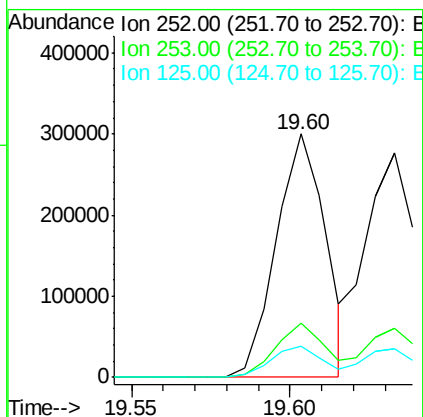
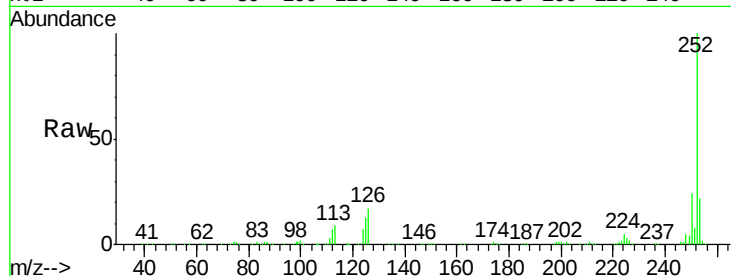
ClientSampleId :

SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.7	9.8	14.8

Manual Integrations
APPROVED

mohammad
6/7/2017 2:18:42 PM



#88

Benzo(k)fluoranthene

Concen: 42.504 ng

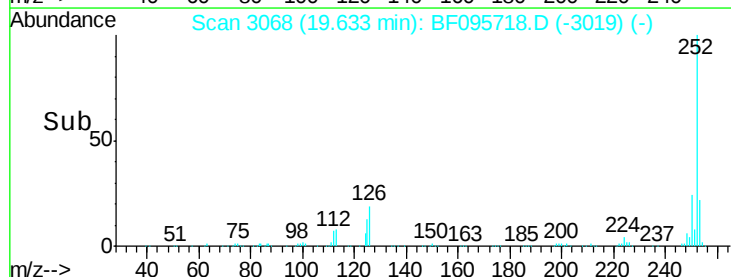
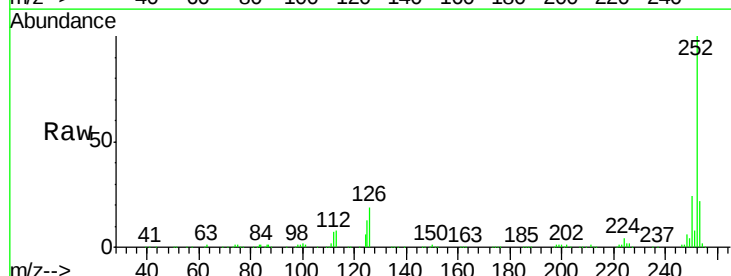
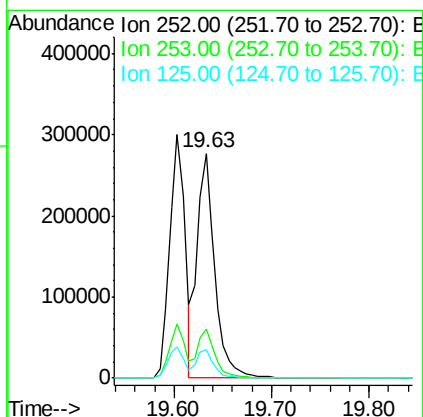
RT: 19.63 min Scan# 3068

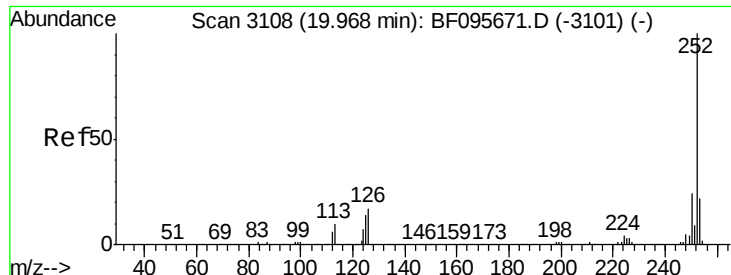
Delta R.T. -0.01 min

Lab File: BF095718.D

Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.0	13.1	19.7#





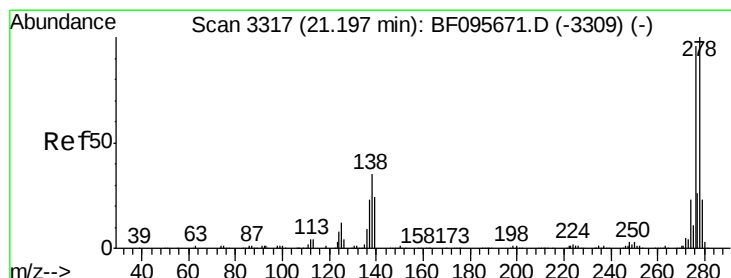
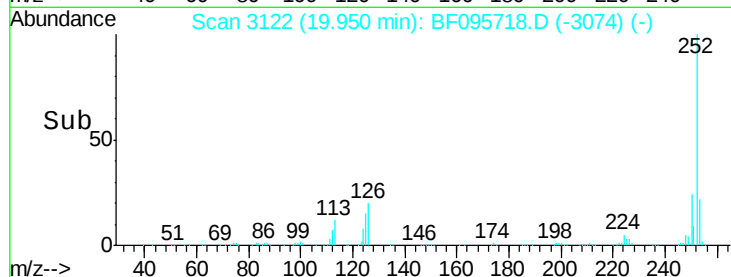
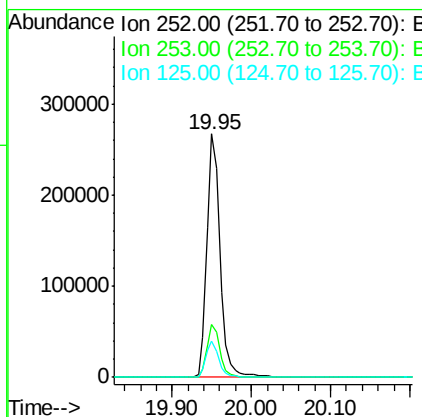
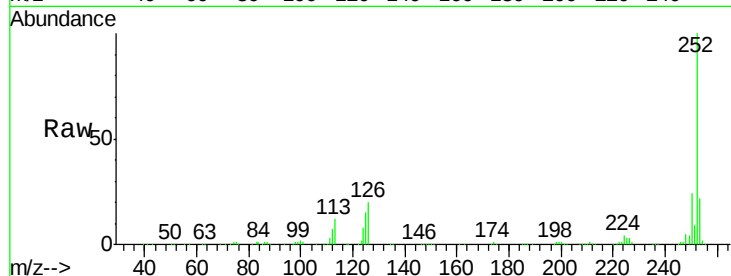
#89
Benzo(a)pyrene
Concen: 39.774 ng
RT: 19.95 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.6	11.0	16.4

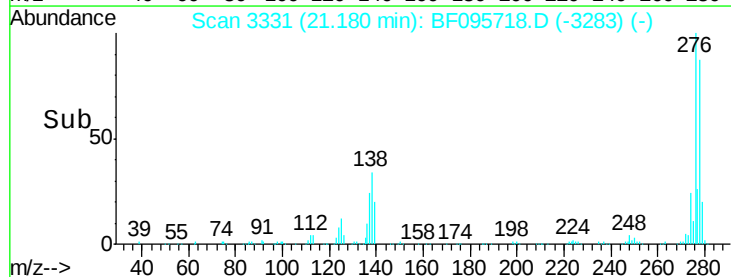
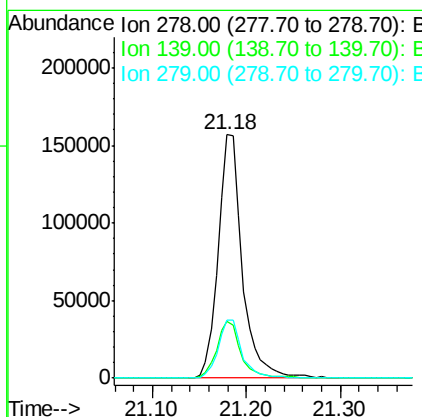
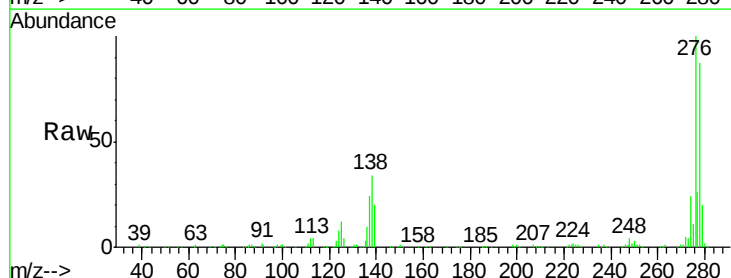
Manual Integrations
APPROVED

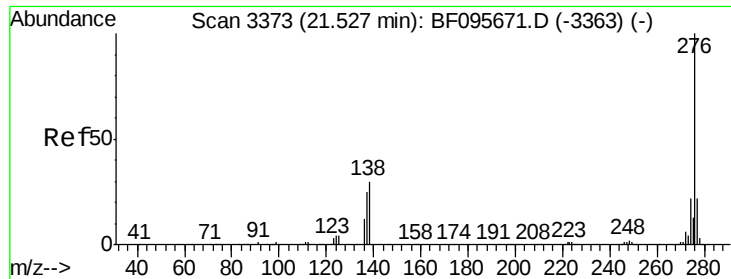
mohammad
6/7/2017 2:18:42 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.191 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095718.D
Acq: 6 Jun 2017 20:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	16.6	24.8
279	23.6	19.3	28.9





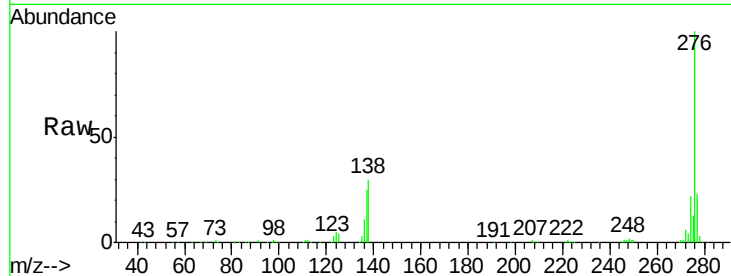
#91
 Benzo(g,h,i)perylene
 Concen: 43.188 ng
 RT: 21.51 min Scan# 3387
 Delta R.T. -0.02 min
 Lab File: BF095718.D
 Acq: 6 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-10)20170603MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	18.6	28.0
138	29.5	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 6/7/2017 2:18:42 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

