

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095158.D
 Acq On : 16 May 2017 15:56
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:48:09 PM

Quant Time: May 17 13:06:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	109524	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	454409	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	192572	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	347637	20.00	ng	0.04
75) Chrysene-d12	18.69	240	272220	20.00	ng	0.04
86) Perylene-d12	20.37	264	215276	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	516285	78.59	ng	0.06
7) Phenol-d6	7.32	99	640777	81.29	ng	0.04
23) Nitrobenzene-d5	8.68	82	575492	79.86	ng	0.05
41) 2,4,6-Tribromophenol	13.92	330	131846	83.60	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1019548	76.20	ng	0.04
78) Terphenyl-d14	17.35	244	970131	78.49	ng	0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	113672	35.28	ng	94
3) Pyridine	2.95	79	284748m	38.13	ng	
4) n-Nitrosodimethylamine	2.87	42	104616m	33.61	ng	
6) Aniline	7.28	93	412230	41.43	ng	97
8) 2-Chlorophenol	7.47	128	307849	41.17	ng	94
9) Benzaldehyde	7.10	77	170722	35.47	ng	98
10) Phenol	7.34	94	314198	37.83	ng	89
11) bis(2-Chloroethyl)ether	7.41	93	281237	41.01	ng	96
12) 1,3-Dichlorobenzene	7.68	146	350403	41.31	ng	98
13) 1,4-Dichlorobenzene	7.80	146	355716	41.35	ng	97
14) 1,2-Dichlorobenzene	8.04	146	332224	41.38	ng	96
15) Benzyl Alcohol	8.06	79	222577	43.90	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	397594	40.97	ng	96
17) 2-Methylphenol	8.27	107	251614	41.12	ng	97
18) Hexachloroethane	8.55	117	120313	41.29	ng	# 86
19) n-Nitroso-di-n-propylamine	8.48	70	219880	41.25	ng	92
20) 3+4-Methylphenols	8.52	107	342352	41.17	ng	# 58
22) Acetophenone	8.45	105	434162	39.82	ng	# 83
24) Nitrobenzene	8.71	77	300189	39.74	ng	94
25) Isophorone	9.11	82	533524	41.46	ng	96
26) 2-Nitrophenol	9.21	139	171821	42.16	ng	98
27) 2,4-Dimethylphenol	9.34	122	262983	39.91	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	326118	36.64	ng	99
29) 2,4-Dichlorophenol	9.63	162	236657	38.04	ng	98
30) 1,2,4-Trichlorobenzene	9.72	180	269115	40.37	ng	99
31) Naphthalene	9.82	128	898966	39.36	ng	99
32) Benzoic acid	9.66	122	118844	29.64	ng	93
33) 4-Chloroaniline	9.96	127	351524	41.30	ng	# 92
34) Hexachlorobutadiene	10.04	225	132492	37.67	ng	97
35) Caprolactam	10.60	113	68800m	36.82	ng	
36) 4-Chloro-3-methylphenol	10.81	107	266214	40.02	ng	88
37) 2-Methylnaphthalene	10.95	142	603069	40.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	249195	42.08	ng	99
40) Hexachlorocyclopentadiene	11.20	237	100903	43.52	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095158.D
 Acq On : 16 May 2017 15:56
 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

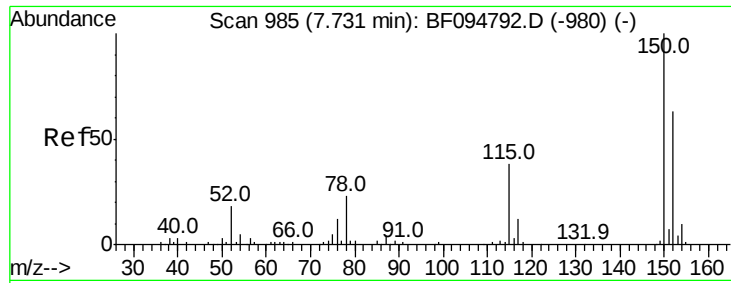
Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:48:09 PM

Quant Time: May 17 13:06:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	151934	38.43	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	160201	37.70	nq	# 92
45) 1,1'-Biphenyl	11.72	154	670495	41.35	nq	98
46) 2-Chloronaphthalene	11.74	162	535531	40.91	nq	96
47) 2-Nitroaniline	11.95	65	148950	41.57	nq	# 84
48) Acenaphthylene	12.40	152	867172	42.29	nq	99
49) Dimethylphthalate	12.27	163	673054	42.57	nq	99
50) 2,6-Dinitrotoluene	12.36	165	140666	43.61	nq	93
51) Acenaphthene	12.68	154	488109	39.85	nq	99
52) 3-Nitroaniline	12.64	138	138272	39.94	nq	90
53) 2,4-Dinitrophenol	12.84	184	54717	34.64	nq	# 60
54) Dibenzofuran	12.97	168	726992	42.89	nq	97
55) 4-Nitrophenol	13.04	139	72039	34.65	nq	# 69
56) 2,4-Dinitrotoluene	13.03	165	182574	44.05	nq	94
57) Fluorene	13.52	166	549891	37.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	118883	44.45	nq	# 94
59) Diethylphthalate	13.41	149	584440	38.57	nq	98
60) 4-Chlorophenyl-phenylether	13.54	204	253847	39.19	nq	89
61) 4-Nitroaniline	13.63	138	103048	32.43	nq	94
62) Azobenzene	13.80	77	484184	39.77	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	88967	38.18	nq	# 68
65) n-Nitrosodiphenylamine	13.75	169	482607	38.25	nq	99
66) 4-Bromophenyl-phenylether	14.33	248	157035	42.76	nq	98
67) Hexachlorobenzene	14.42	284	160636	42.68	nq	# 89
68) Atrazine	14.67	200	139600	39.19	nq	98
69) Pentachlorophenol	14.77	266	52714	34.57	nq	95
70) Phenanthrene	15.07	178	796116	39.86	nq	98
71) Anthracene	15.15	178	847997	41.56	nq	97
72) Carbazole	15.43	167	752366	40.53	nq	97
73) Di-n-butylphthalate	15.99	149	924317	39.93	nq	98
74) Fluoranthene	16.81	202	760655	37.12	nq	99
76) Benzidine	17.02	184	216730m	31.99	nq	
77) Pyrene	17.11	202	792576	38.93	nq	98
79) Butylbenzylphthalate	18.01	149	391469	41.34	nq	91
80) Benzo(a)anthracene	18.68	228	627340	39.60	nq	99
81) 3,3'-Dichlorobenzidine	18.66	252	207450	37.91	nq	# 97
82) Chrysene	18.73	228	623483	40.70	nq	98
83) Bis(2-ethylhexyl)phthalate	18.75	149	603100	44.70	nq	# 99
84) Di-n-octyl phthalate	19.52	149	1025488	46.36	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	418425	33.63	nq	99
87) Benzo(b)fluoranthene	19.96	252	511671	38.47	nq	99
88) Benzo(k)fluoranthene	19.99	252	564233	43.97	nq	# 95
89) Benzo(a)pyrene	20.31	252	477943	38.94	nq	97
90) Dibenzo(a,h)anthracene	21.70	278	356855	35.20	nq	98
91) Benzo(g,h,i)perylene	22.08	276	344657	34.65	nq	98

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



#1

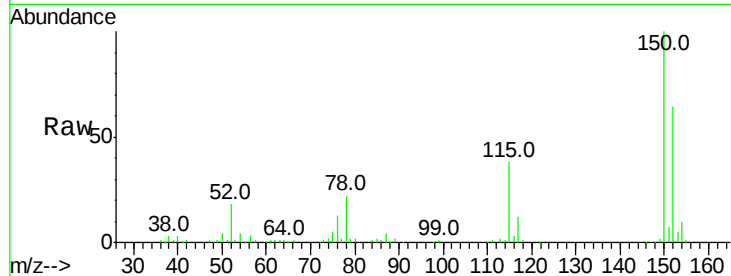
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

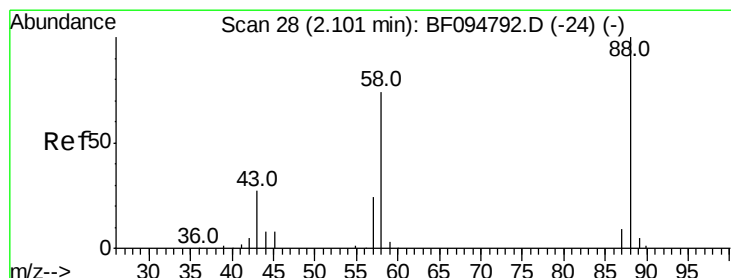
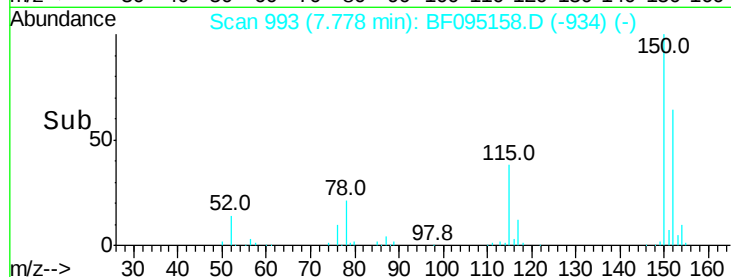
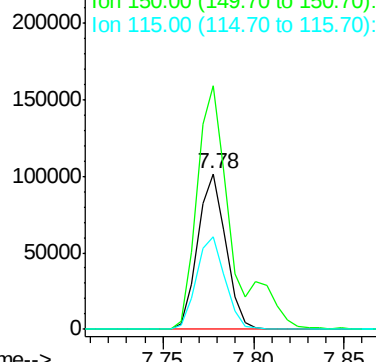
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	59.8	52.2	78.2

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



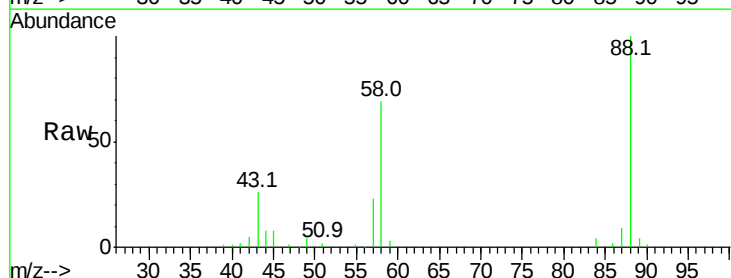
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



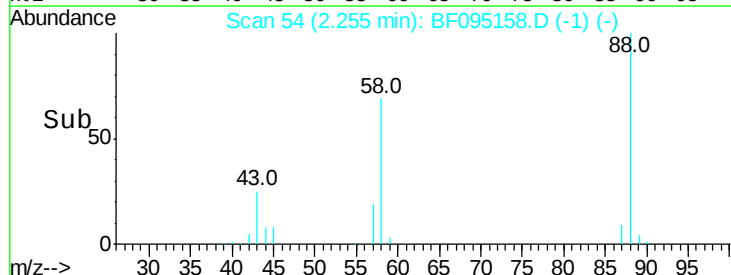
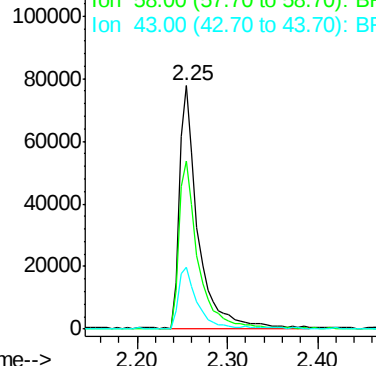
#2

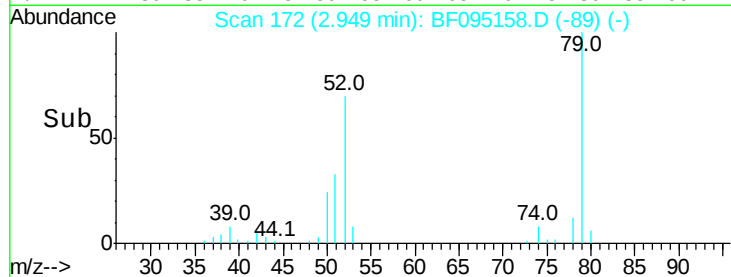
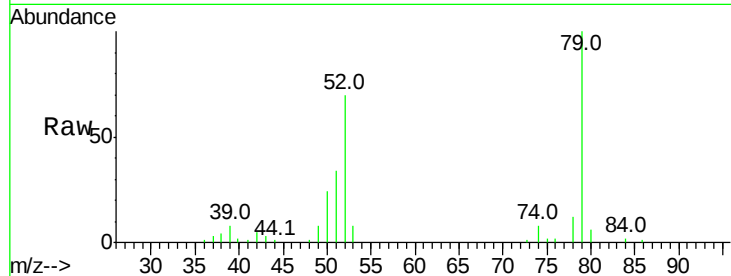
1,4-Dioxane
Concen: 35.28 ng
RT: 2.25 min Scan# 54
Delta R.T. 0.15 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	61.4	92.0
43	26.5	23.4	35.0



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





#3

Pvridine

Concen: 38.13 ng m

RT: 2.95 min Scan# 172

Delta R.T. 0.19 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tot Ion:	79	Resp:	284748
Ion Ratio	Lower	Upper	
79	100		
52	70.2	54.8	82.2
51	34.2	27.0	40.4

Instrument :

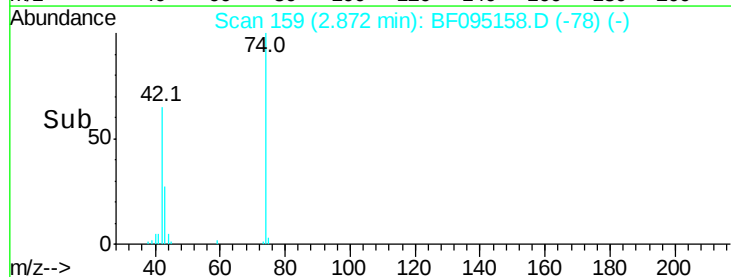
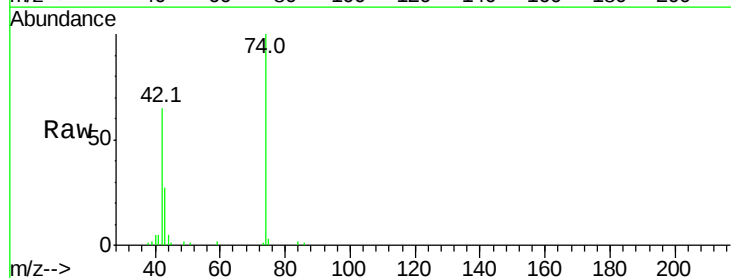
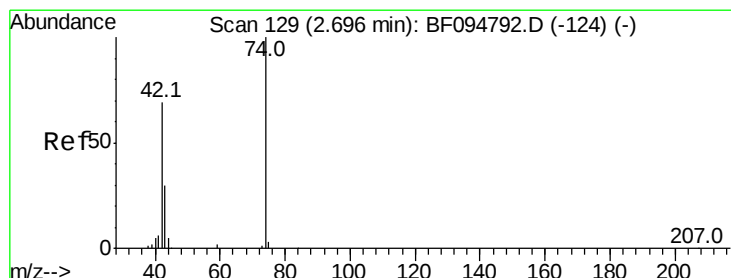
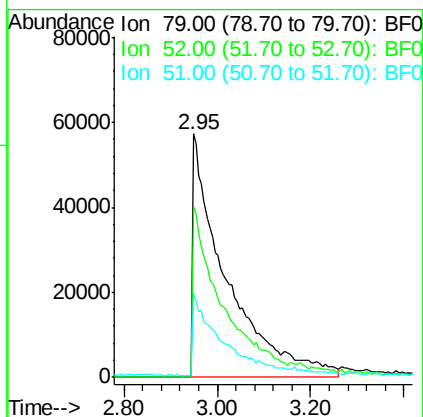
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#4

n-Nitrosodimethylamine

Concen: 33.61 ng m

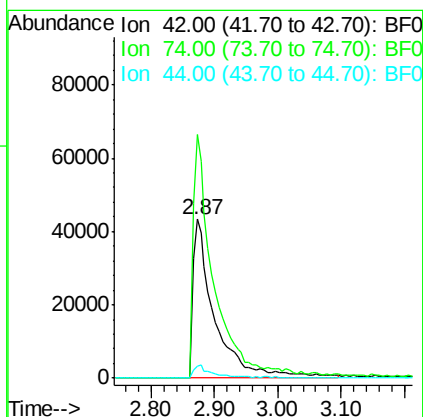
RT: 2.87 min Scan# 159

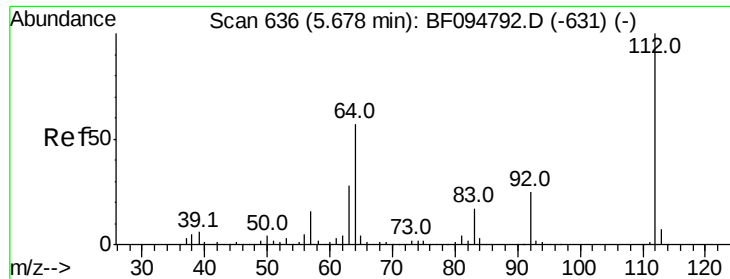
Delta R.T. 0.18 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion:	42	Resp:	104616
Ion Ratio	Lower	Upper	
42	100		
74	153.5	103.9	155.9
44	7.4	5.7	8.5





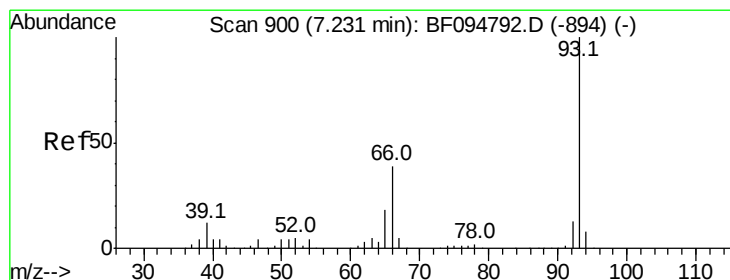
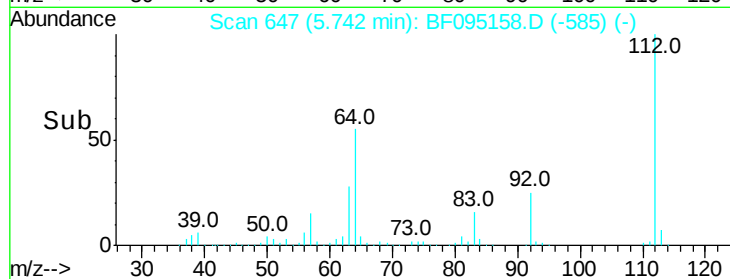
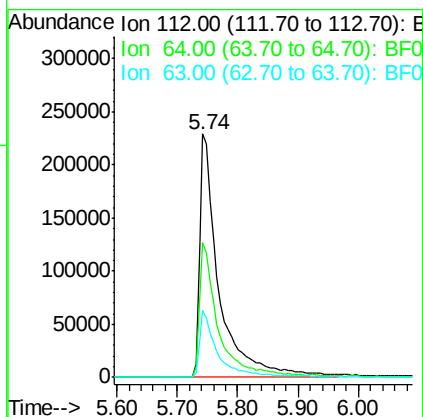
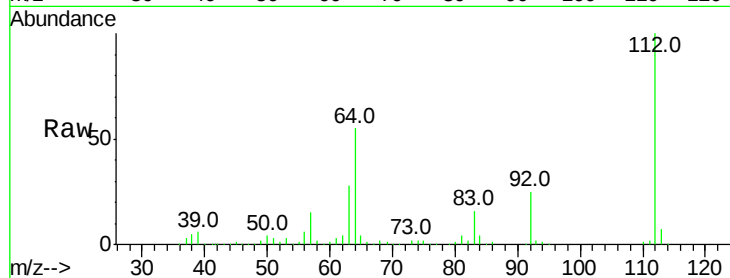
#5
2-Fluorophenol
Concen: 78.59 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.4	46.0	69.0
63	27.6	23.4	35.0

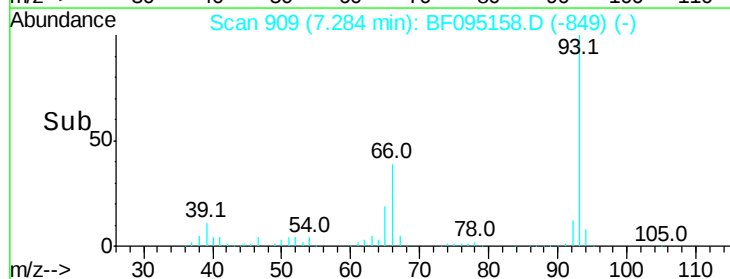
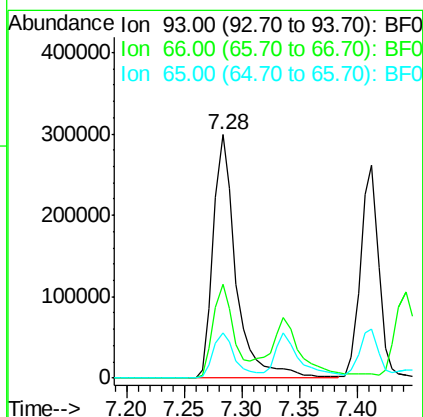
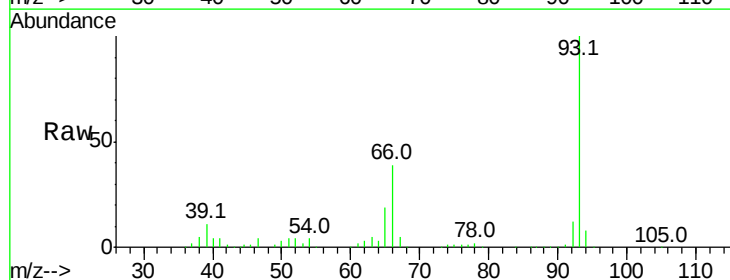
Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#6
Aniline
Concen: 41.43 ng
RT: 7.28 min Scan# 909
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	38.8	32.9	49.3
65	18.8	16.0	24.0





#7

Phenol-d6

Concen: 81.29 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

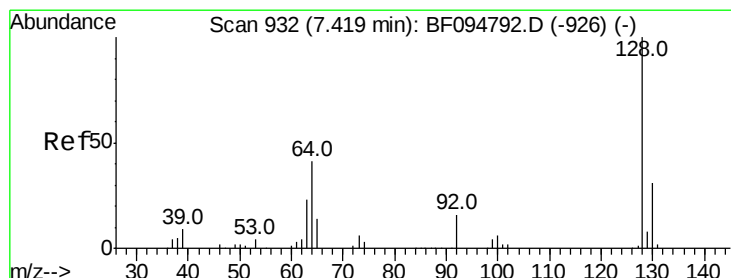
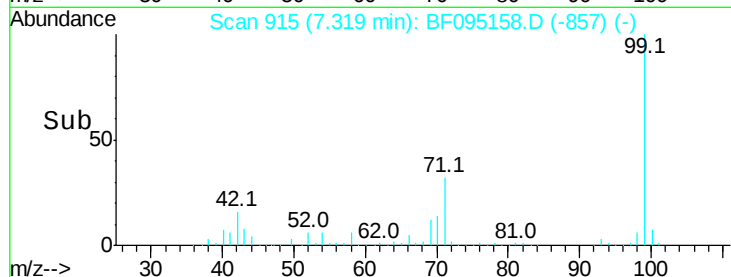
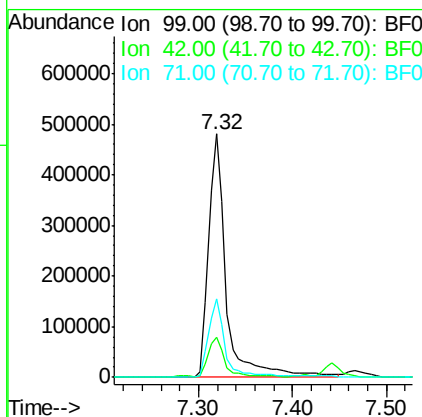
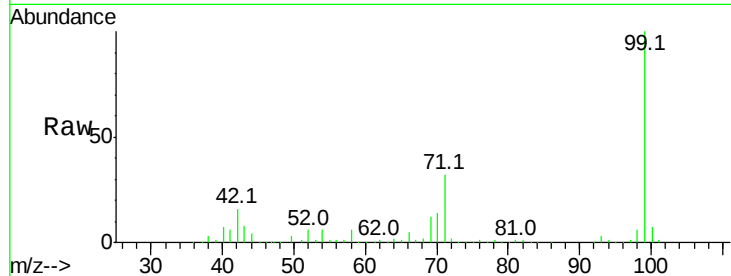
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	640777
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.5	20.3
71	32.0	24.5	36.7

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#8

2-Chlorophenol

Concen: 41.17 ng

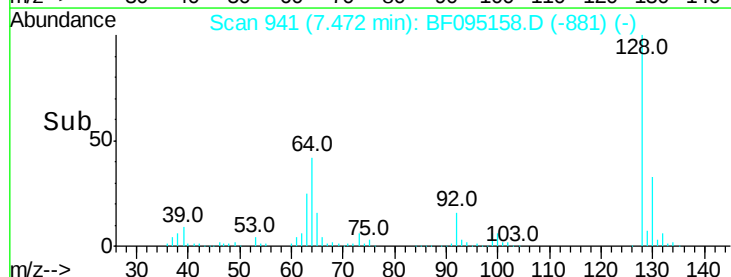
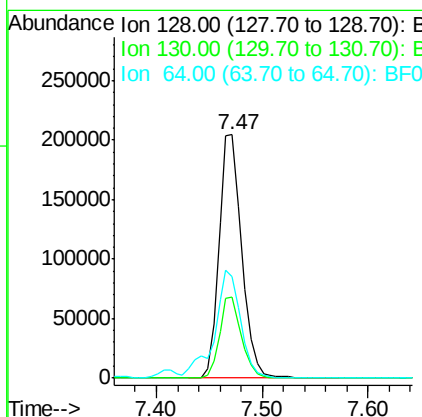
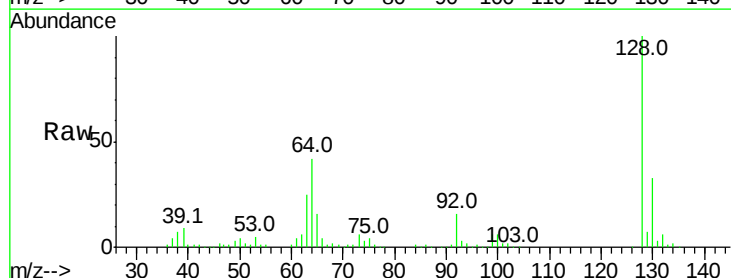
RT: 7.47 min Scan# 941

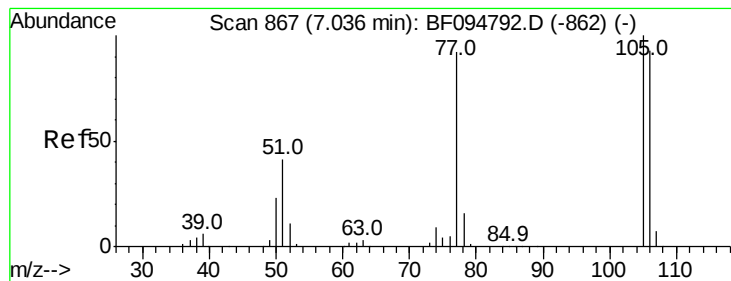
Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion:	128	Resp:	307849
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.9	52.9
64	41.9	28.4	68.4





#9

Benzaldehyde

Concen: 35.47 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.06 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

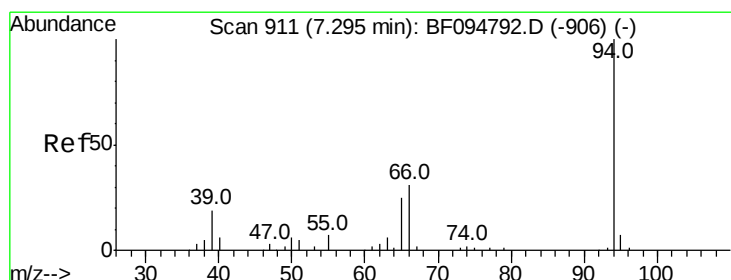
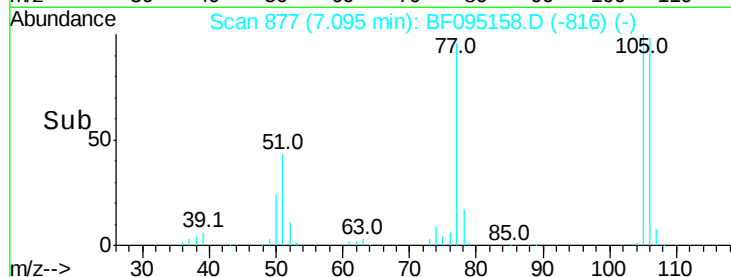
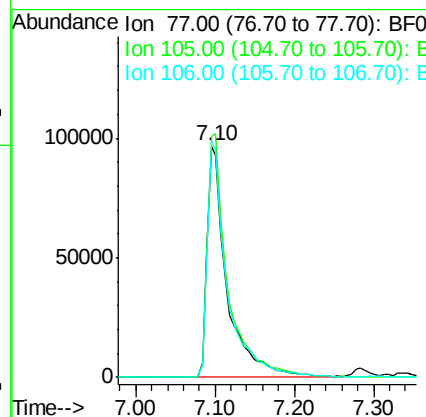
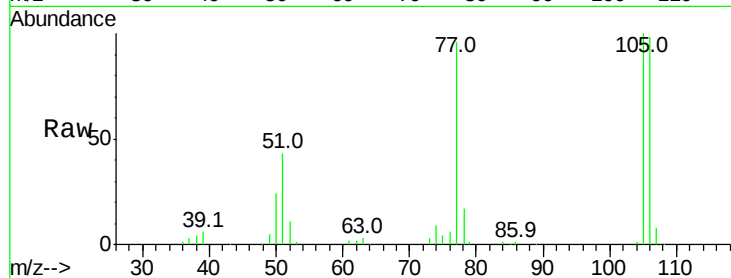
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	170722
Ion	Ratio	Lower	Upper
77	100		
105	104.1	83.8	123.8
106	102.0	79.1	119.1

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#10

Phenol

Concen: 37.83 ng

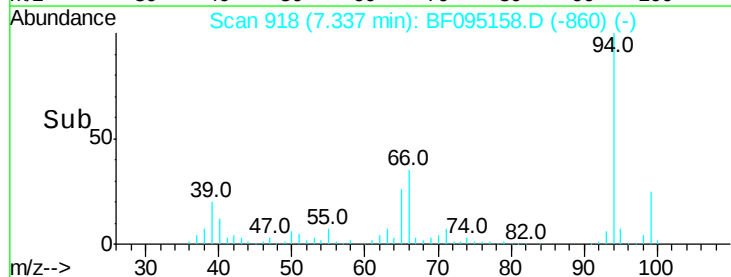
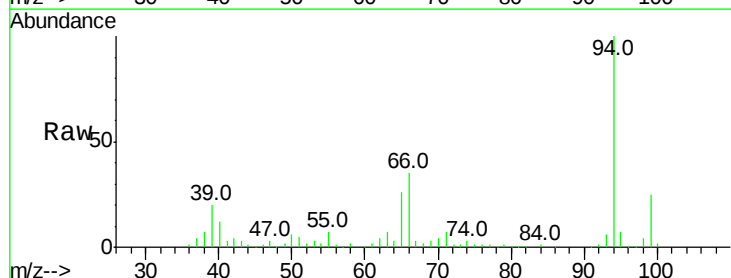
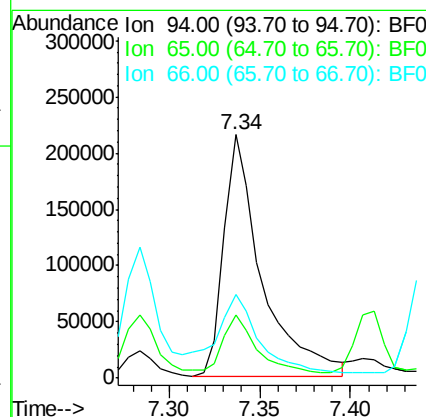
RT: 7.34 min Scan# 918

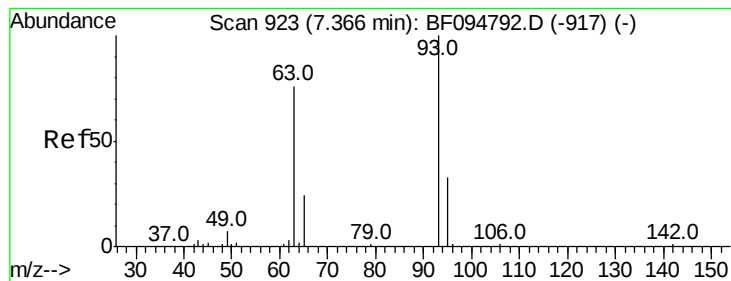
Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion:	94	Resp:	314198
Ion	Ratio	Lower	Upper
94	100		
65	26.0	9.9	49.9
66	34.6	23.1	63.1





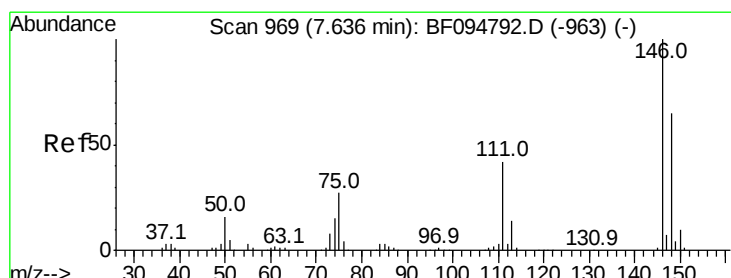
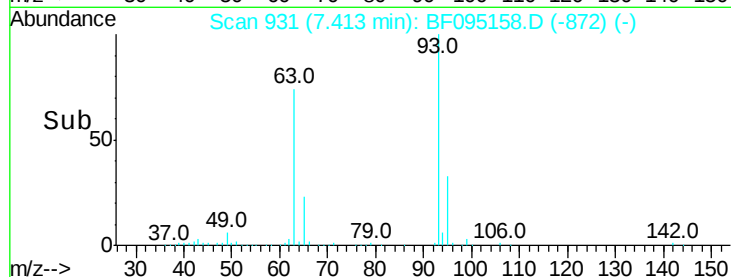
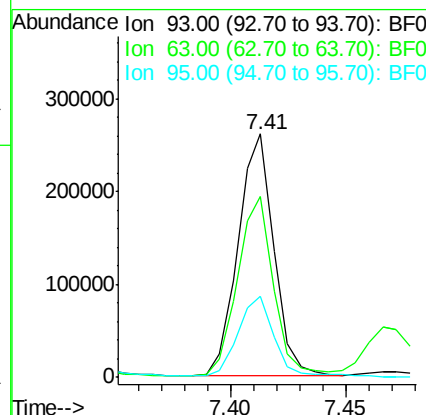
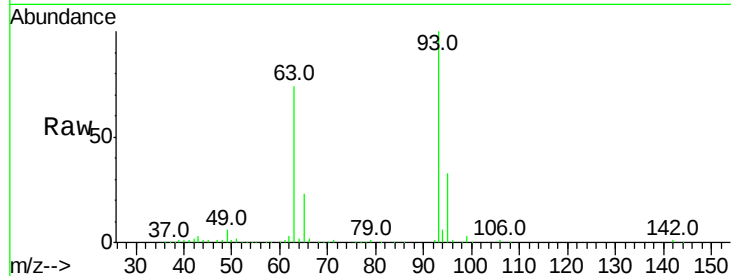
#11
bis(2-Chloroethyl)ether
Concen: 41.01 ng
RT: 7.41 min Scan# 931
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	281237		
63	74.3	59.2	99.2	
95	33.2	12.8	52.8	

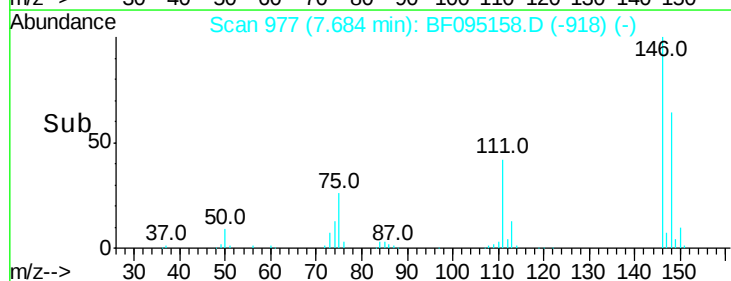
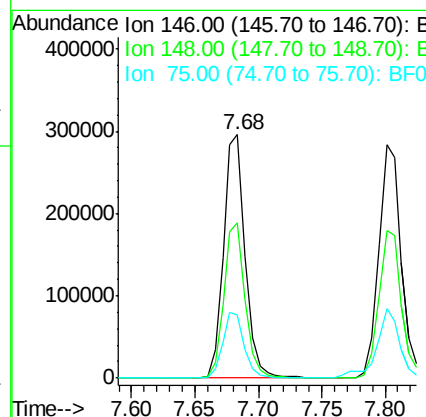
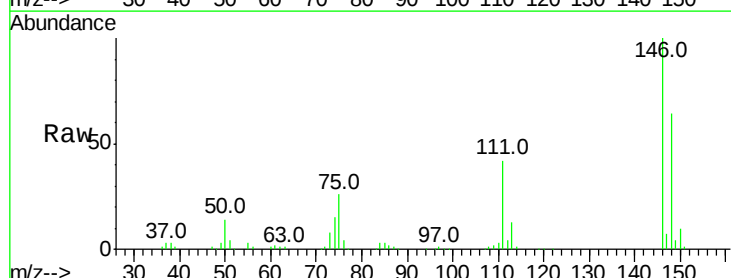
Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#12
1,3-Dichlorobenzene
Concen: 41.31 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	350403		
148	63.7	51.8	77.6	
75	26.2	23.1	34.7	





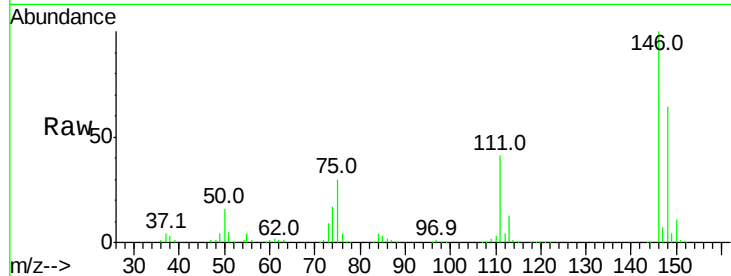
#13
 1,4-Dichlorobenzene
 Concen: 41.35 ng
 RT: 7.80 min Scan# 997
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

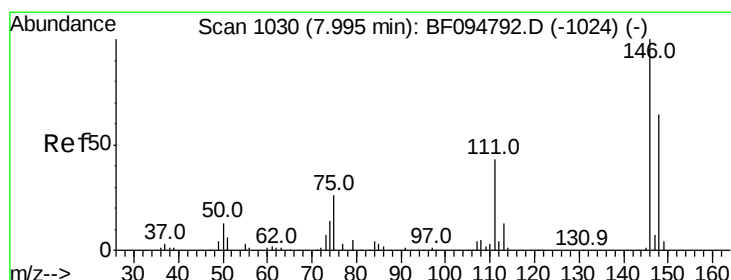
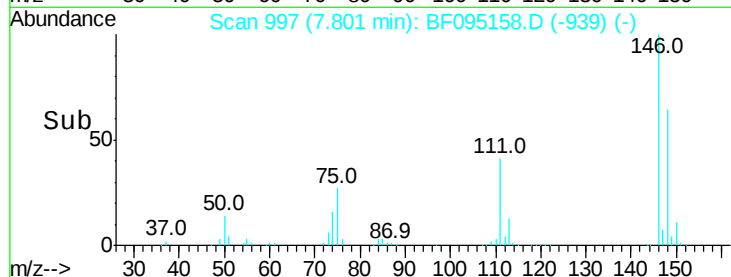
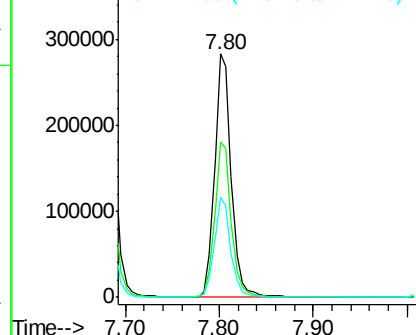
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	41.2	30.3	45.5

Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:48:09 PM

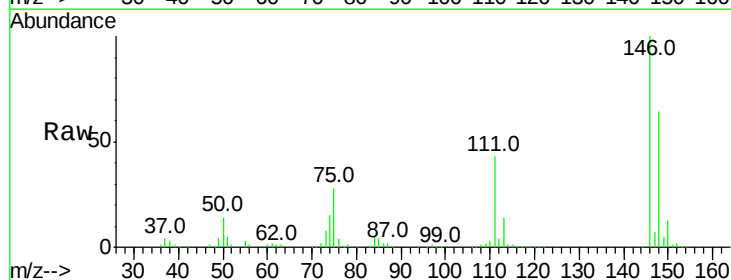


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

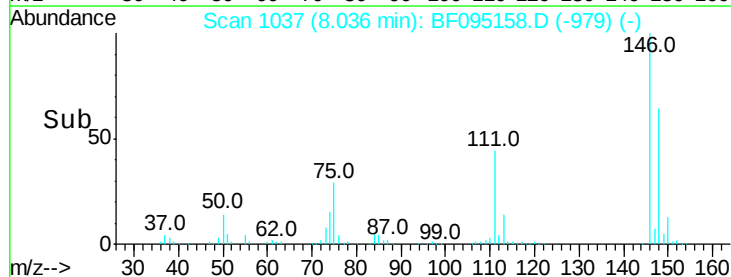
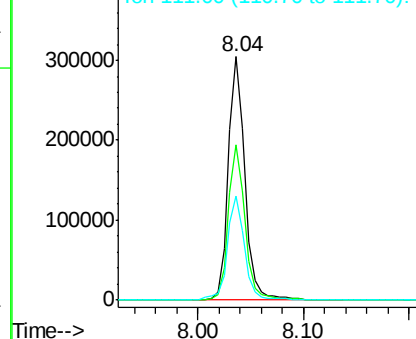


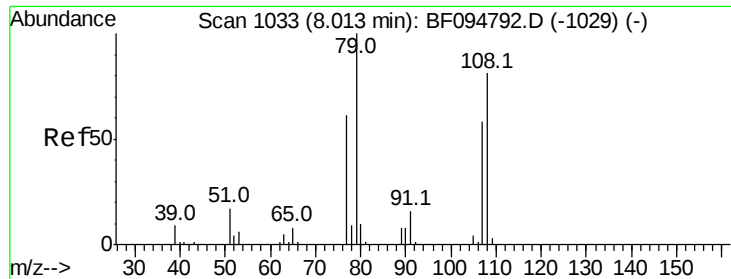
#14
 1,2-Dichlorobenzene
 Concen: 41.38 ng
 RT: 8.04 min Scan# 1037
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	42.9	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





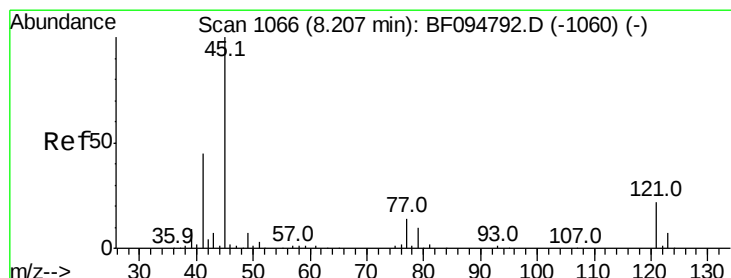
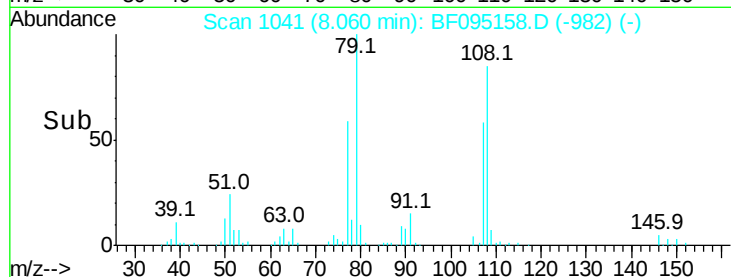
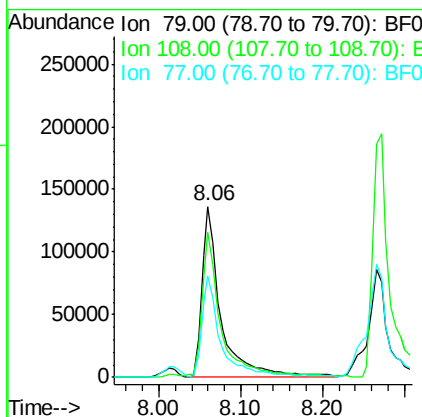
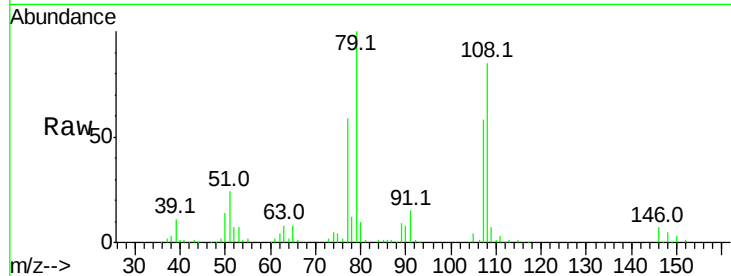
#15
Benzyl Alcohol
Concen: 43.90 ng
RT: 8.06 min Scan# 1041
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.8	63.4	95.0
77	59.3	49.2	73.8

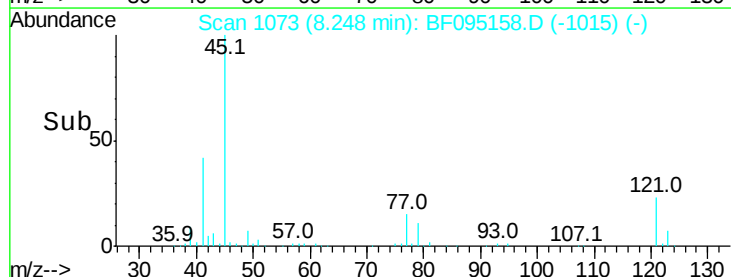
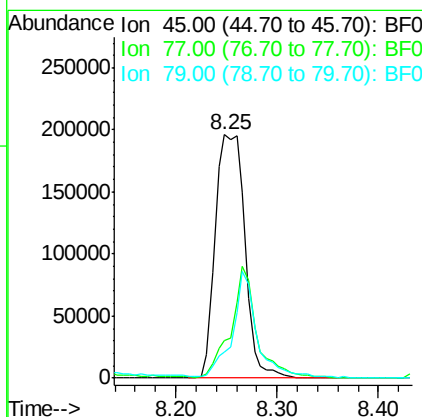
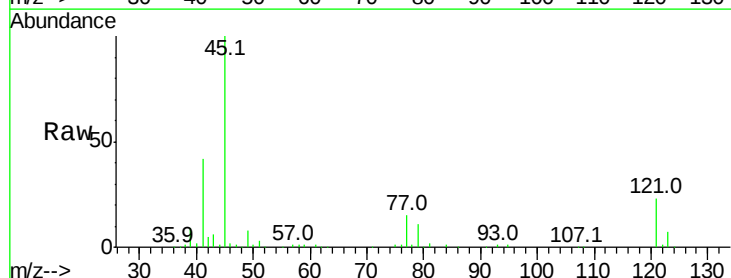
Manual Integrations
APPROVED

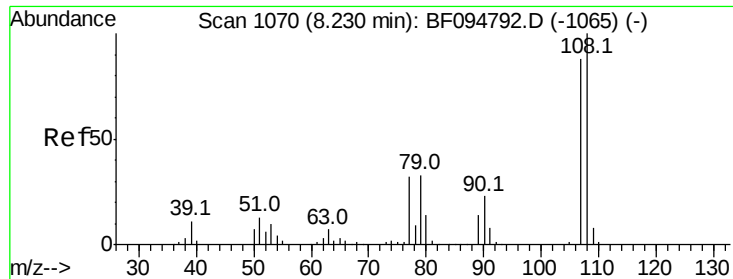
mohammad
5/17/2017 5:48:09 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.97 ng
RT: 8.25 min Scan# 1073
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	33.2
79	10.5	0.0	30.0





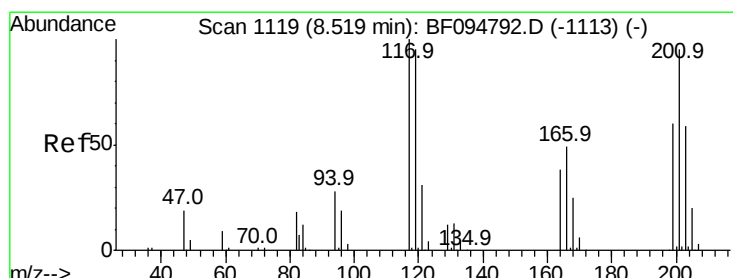
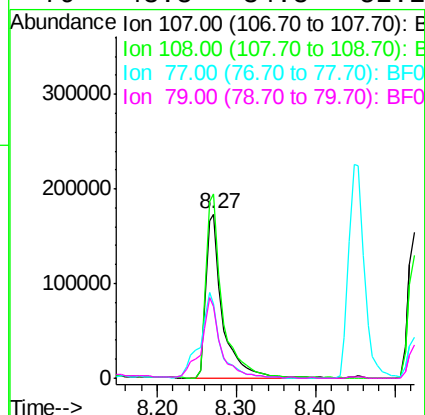
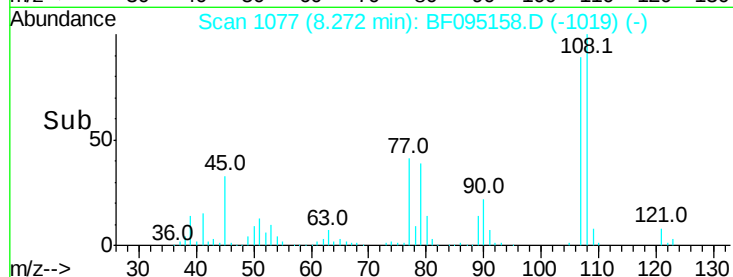
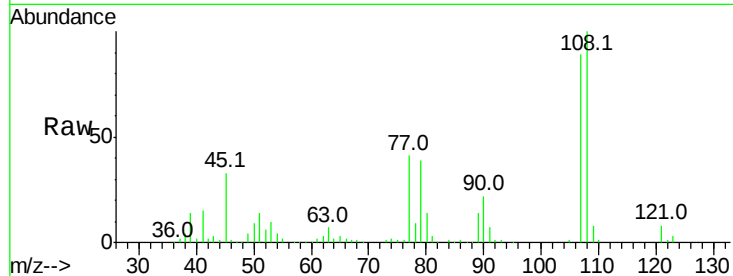
#17
2-Methylphenol
Concen: 41.12 ng
RT: 8.27 min Scan# 1077
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	111.9	93.4	140.0	
77	77	45.3	35.8	53.6	
79	79	43.8	34.8	52.2	

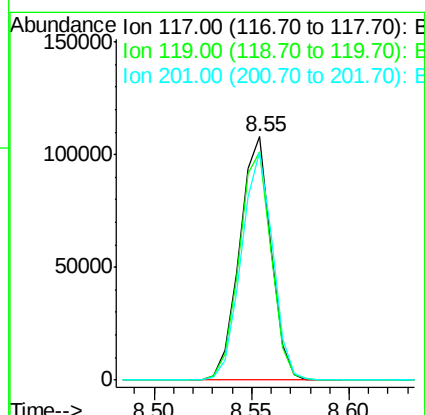
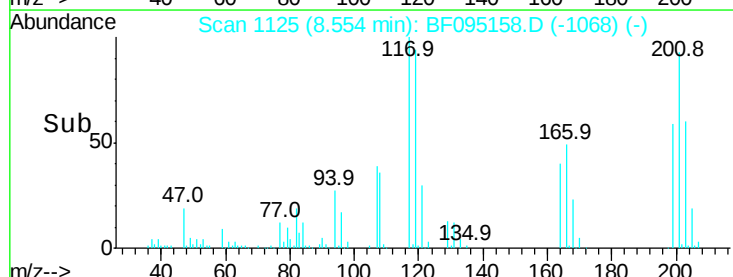
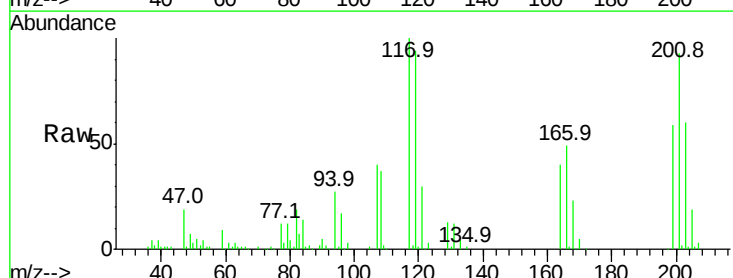
Manual Integrations
APPROVED

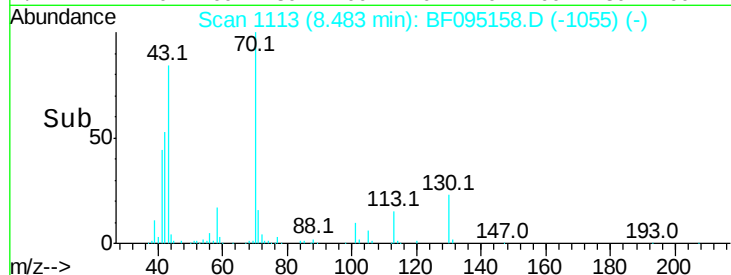
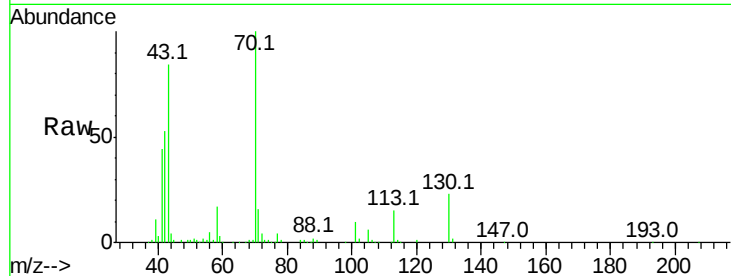
mohammad
5/17/2017 5:48:09 PM



#18
Hexachloroethane
Concen: 41.29 ng
RT: 8.55 min Scan# 1125
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	93.7	77.4	116.0	
201	201	93.5	94.6	141.8#	





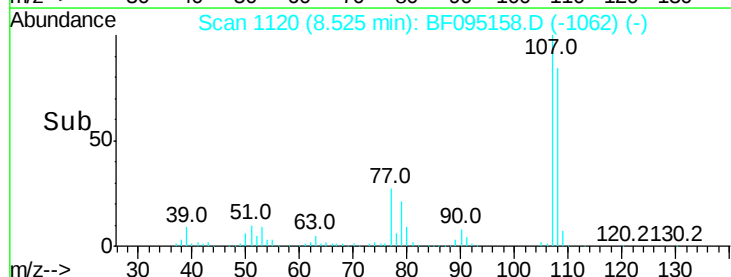
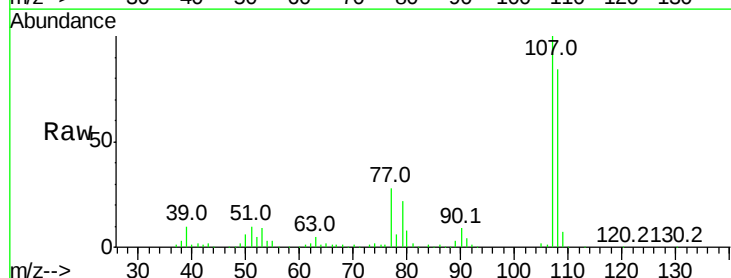
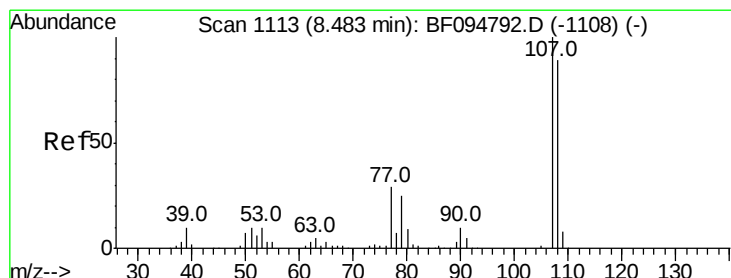
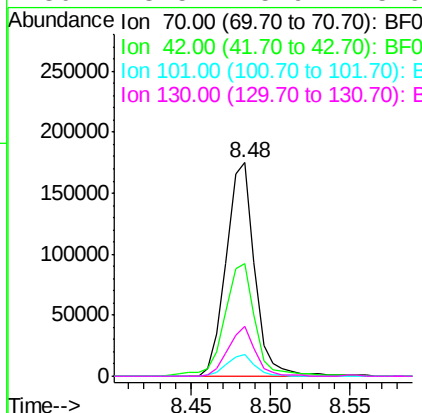
#19
n-Nitroso-di-n-propylamine
Concen: 41.25 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.2	70.8
101	10.0	7.2	10.8
130	23.5	15.9	23.9

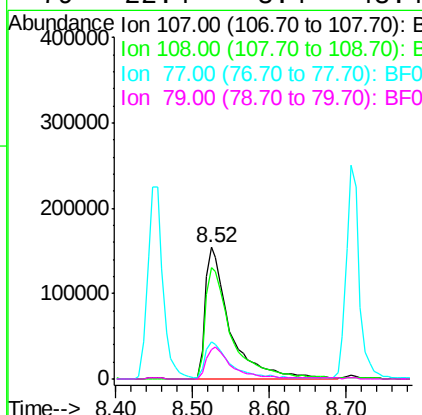
Manual Integrations
APPROVED

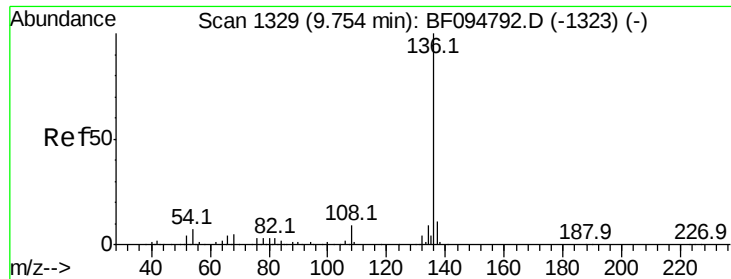
mohammad
5/17/2017 5:48:09 PM



#20
3+4-Methylphenols
Concen: 41.17 ng
RT: 8.52 min Scan# 1120
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	71.0	111.0
77	28.2	90.5	130.5#
79	22.4	8.4	48.4





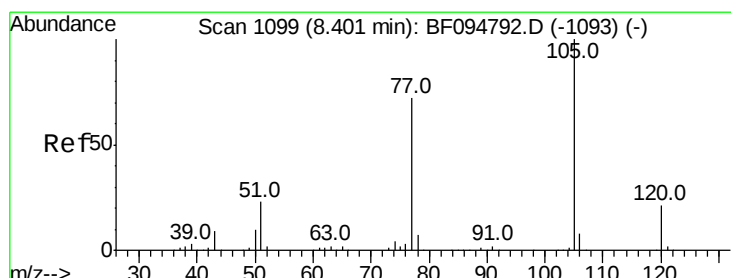
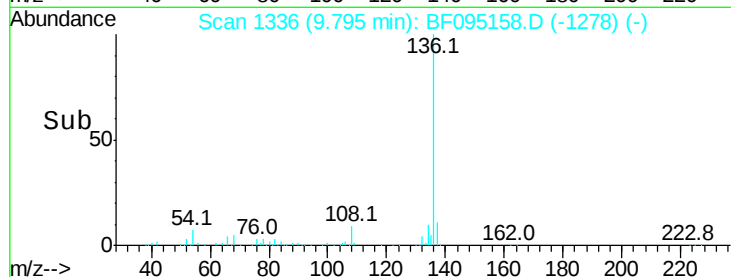
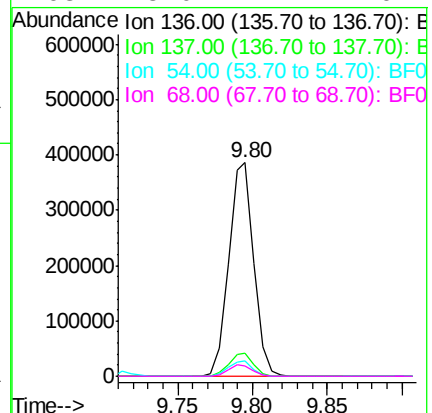
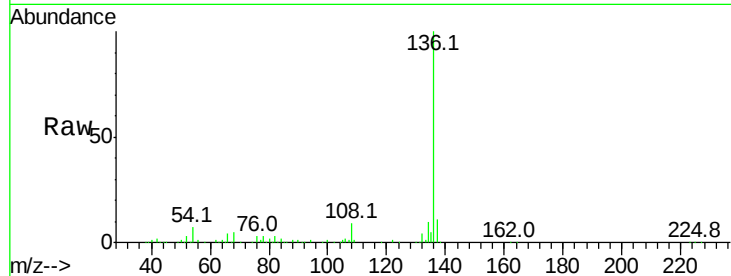
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	6.9	4.9	7.3	
68	5.0	4.1	6.1	

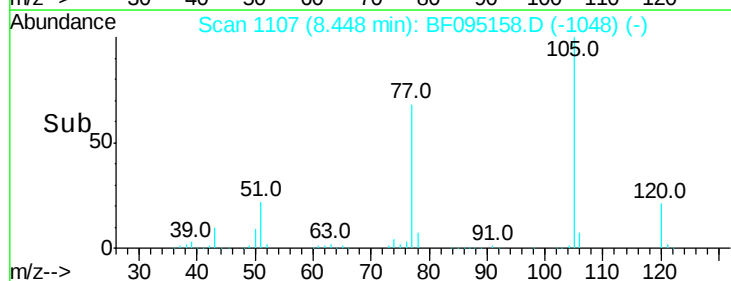
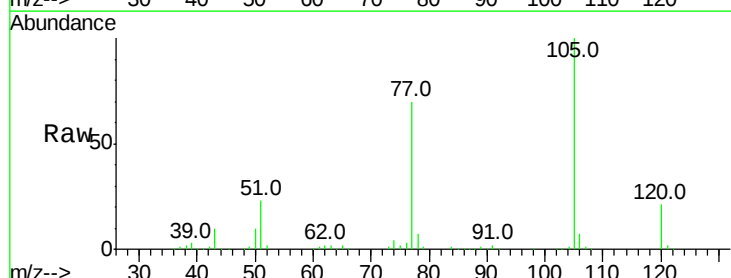
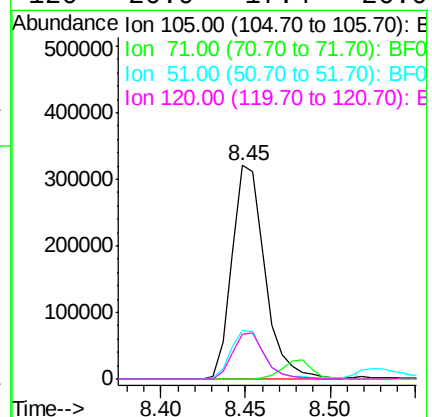
Manual Integrations
APPROVED

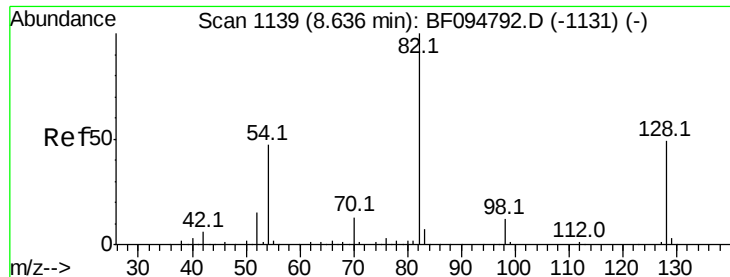
mohammad
5/17/2017 5:48:09 PM



#22
Acetophenone
Concen: 39.82 ng
RT: 8.45 min Scan# 1107
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.0	30.7	46.1#	
120	20.9	17.4	26.0	





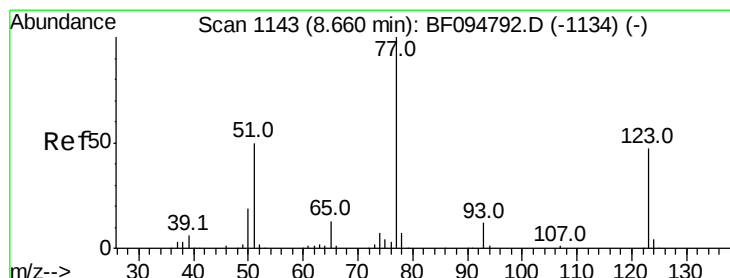
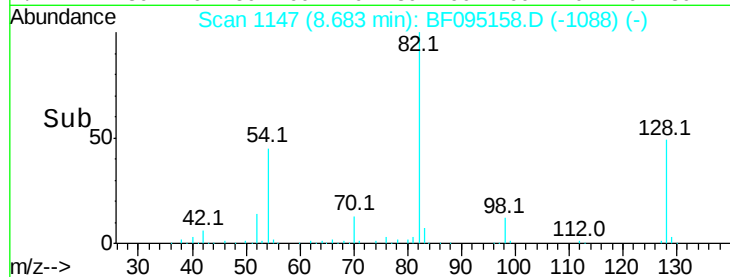
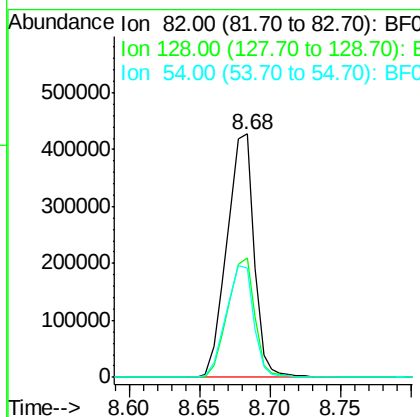
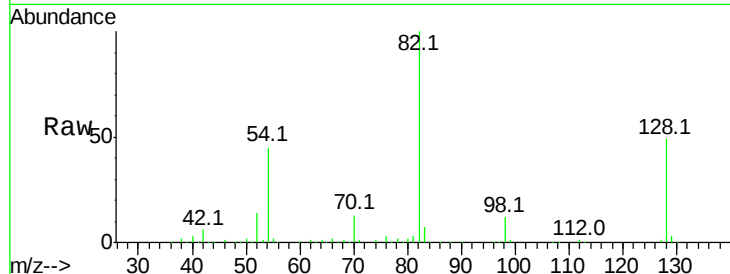
#23
 Nitrobenzene-d5
 Concen: 79.86 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	45.1	42.2	63.2

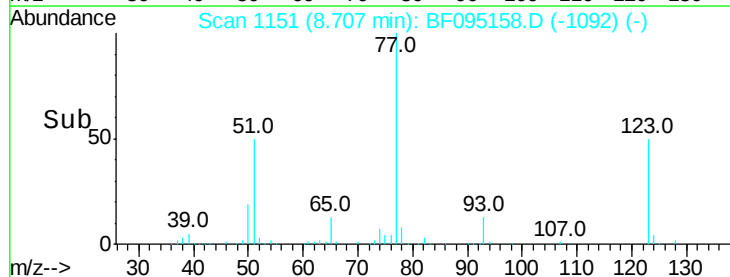
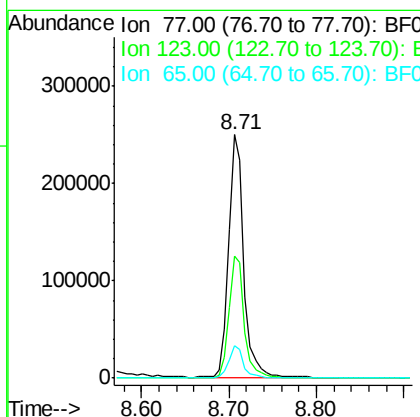
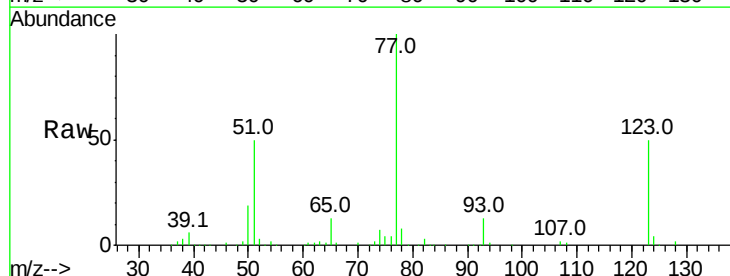
Manual Integrations
 APPROVED

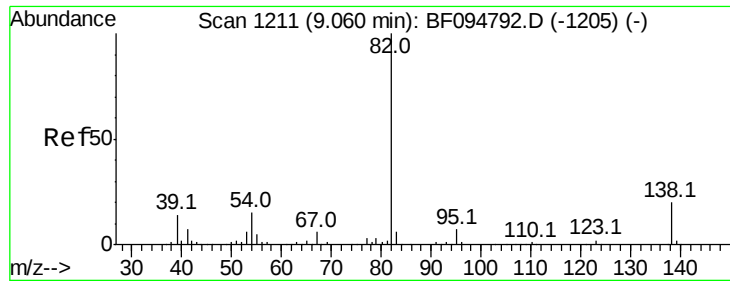
mohammad
 5/17/2017 5:48:09 PM



#24
 Nitrobenzene
 Concen: 39.74 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	35.8	53.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 41.46 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

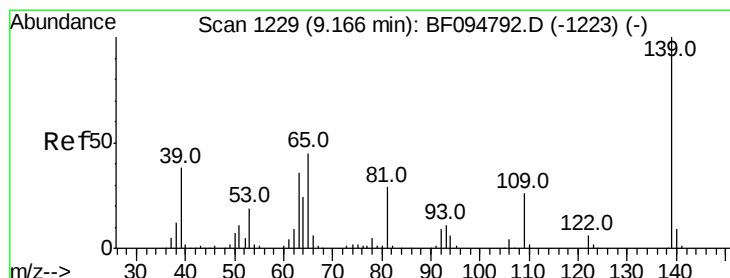
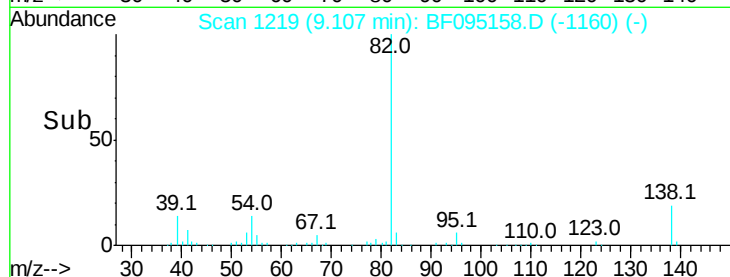
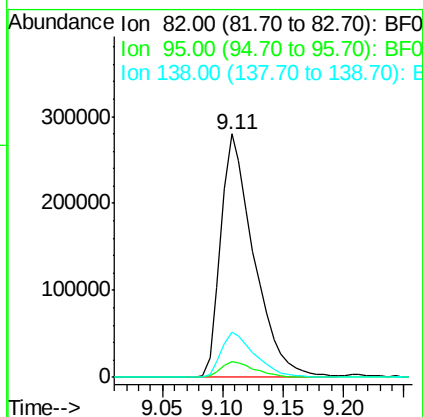
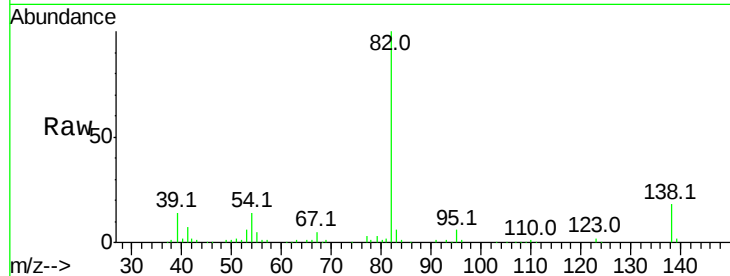
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	533524
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.3	7.9
138	18.5	13.1	19.7

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#26

2-Nitrophenol

Concen: 42.16 ng

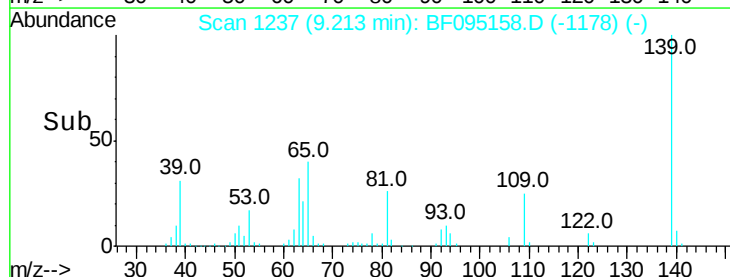
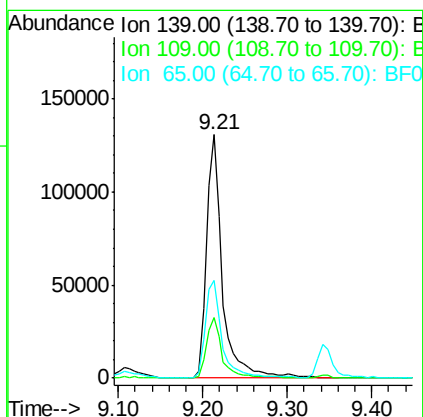
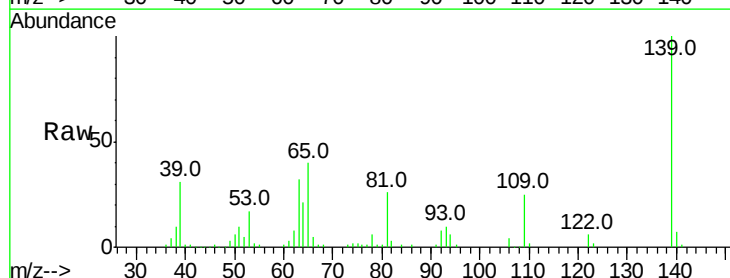
RT: 9.21 min Scan# 1237

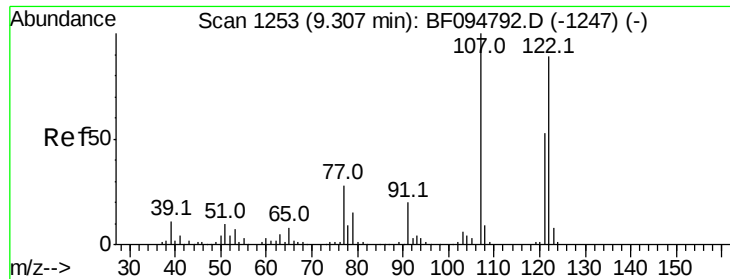
Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion:	139	Resp:	171821
Ion Ratio	Lower	Upper	
139	100		
109	24.7	21.0	31.6
65	40.2	33.0	49.6





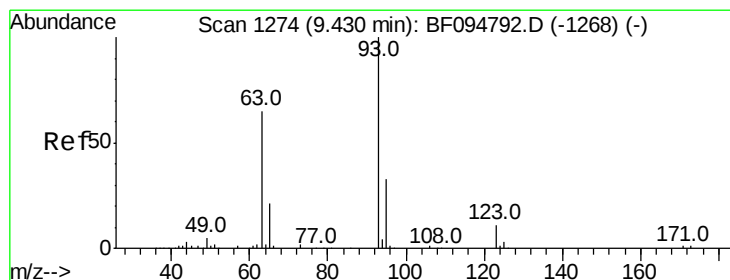
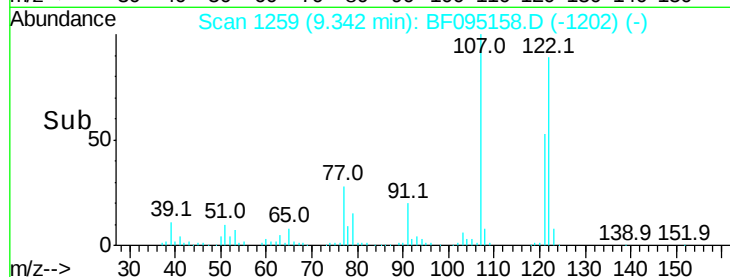
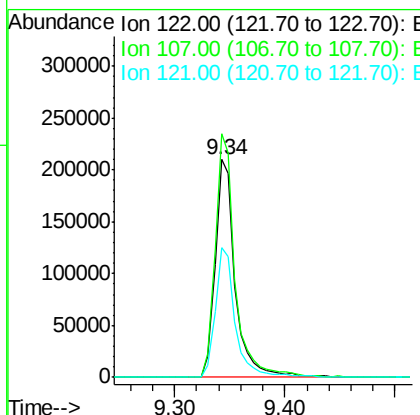
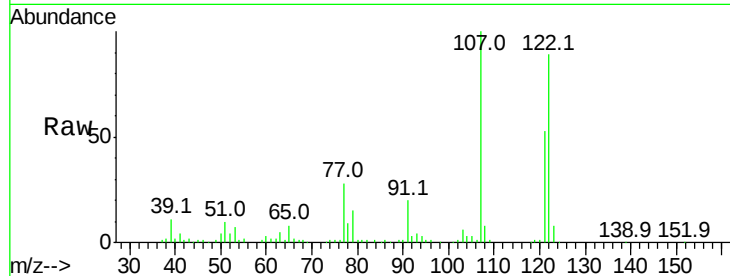
#27
 2,4-Dimethylphenol
 Concen: 39.91 ng
 RT: 9.34 min Scan# 1259
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	262983		
107	112.0	89.2	133.8	
121	59.9	45.2	67.8	

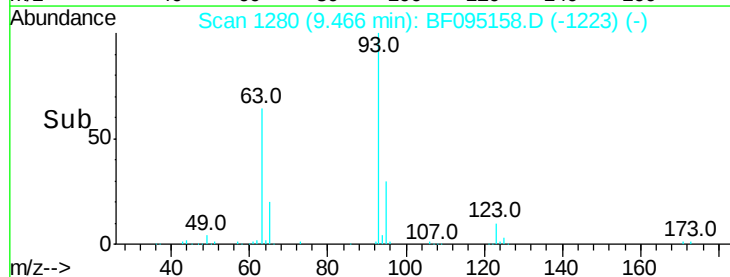
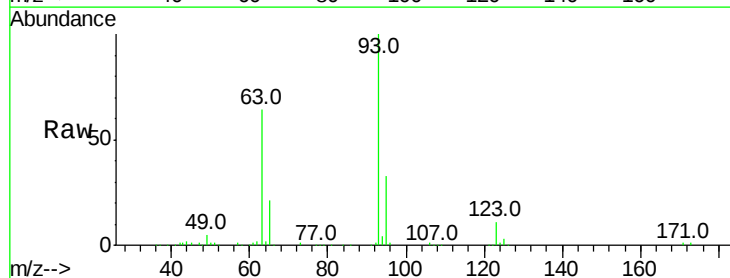
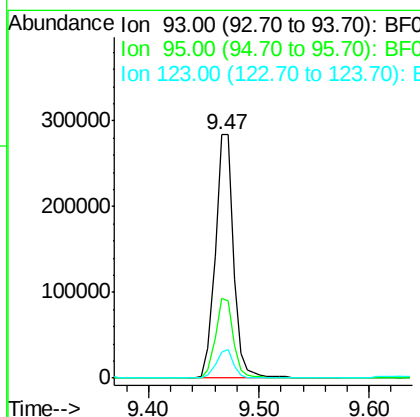
Manual Integrations
 APPROVED

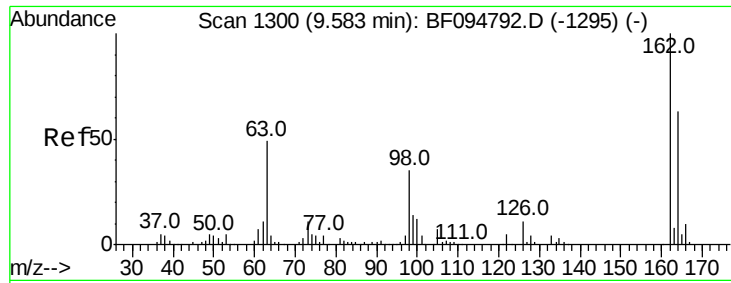
mohammad
 5/17/2017 5:48:09 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.64 ng
 RT: 9.47 min Scan# 1280
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	326118		
95	32.7	26.5	39.7	
123	10.9	9.0	13.4	





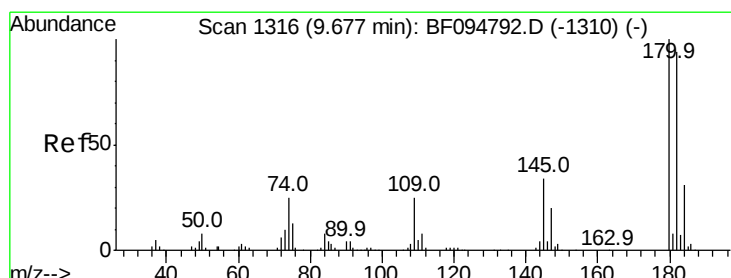
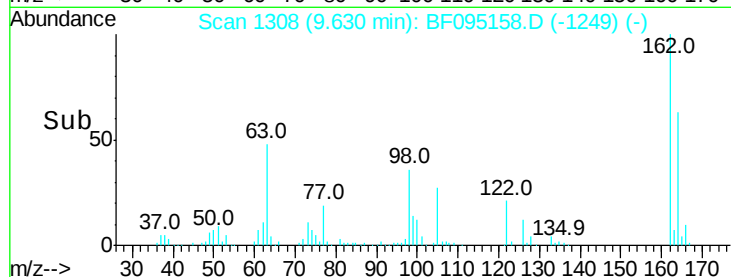
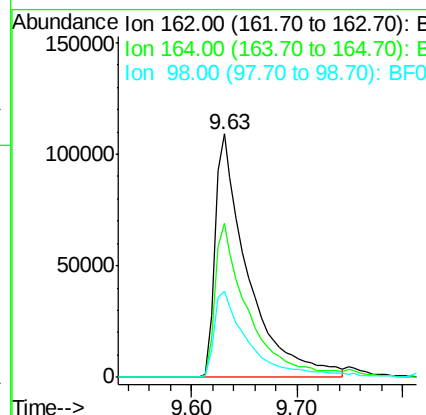
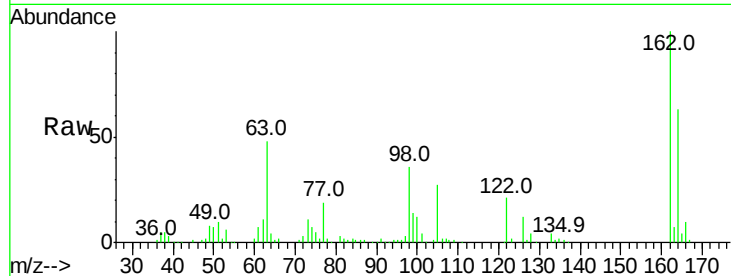
#29
 2,4-Dichlorophenol
 Concen: 38.04 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		236657		
164	63.1	44.6	84.6		
98	35.6	14.8	54.8		

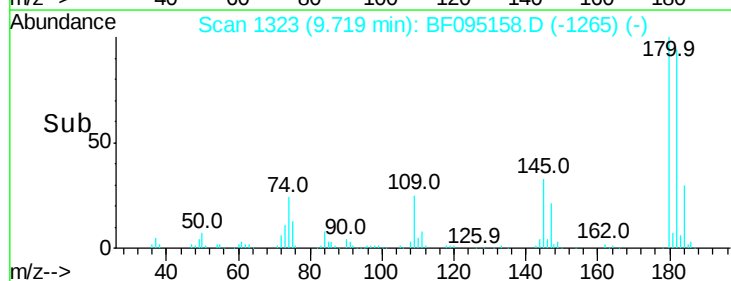
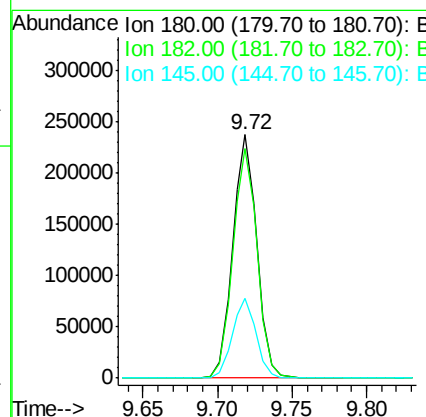
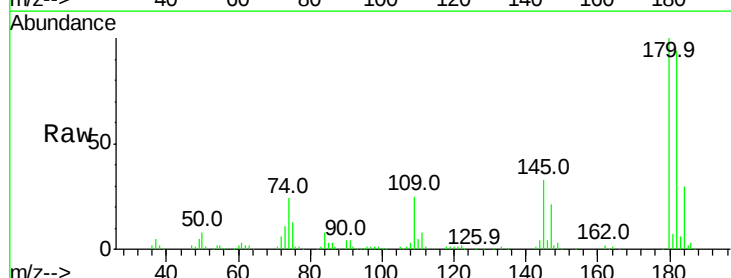
Manual Integrations
 APPROVED

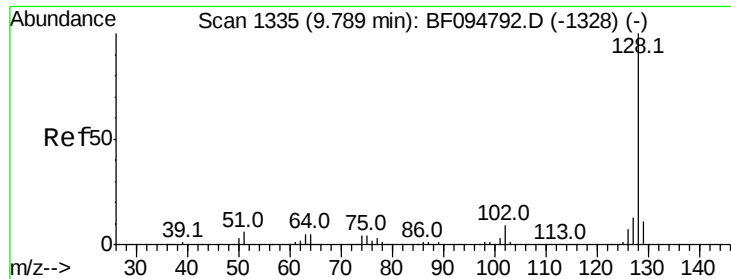
mohammad
 5/17/2017 5:48:09 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.37 ng
 RT: 9.72 min Scan# 1323
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		269115		
182	94.3	75.8	113.6		
145	32.7	25.3	37.9		





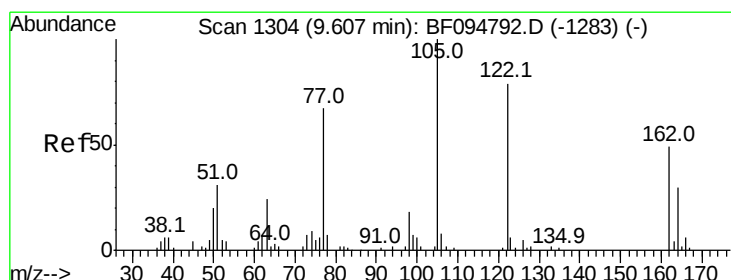
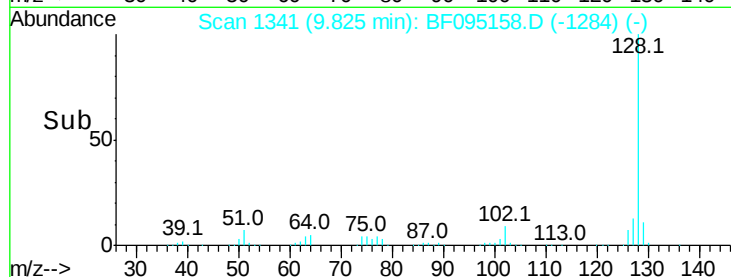
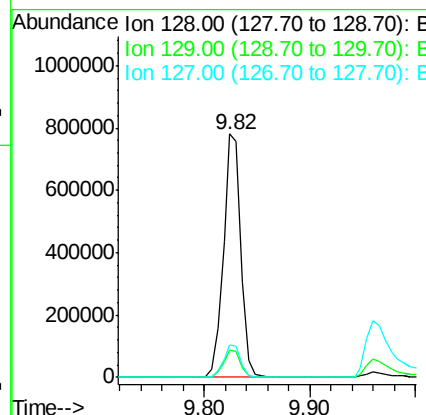
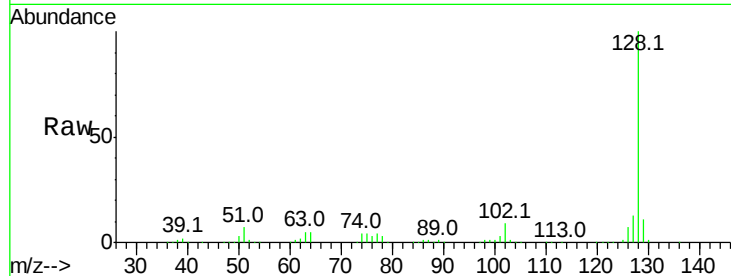
#31
Naphthalene
Concen: 39.36 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.0	13.6	
127	13.2	10.8	16.2	

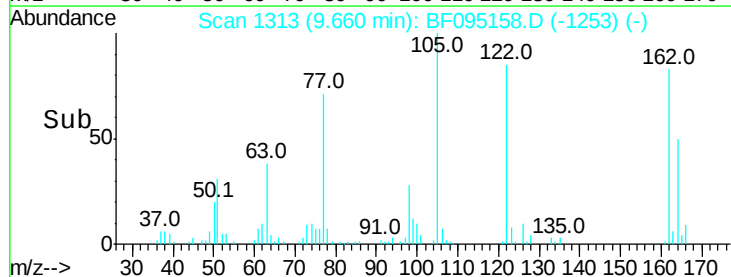
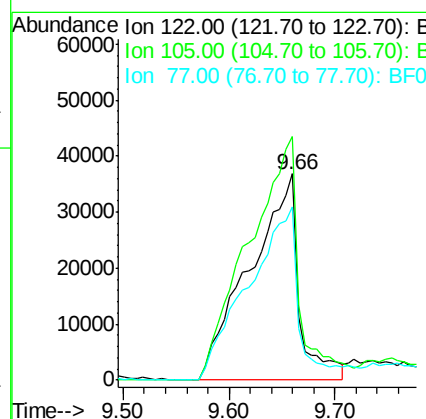
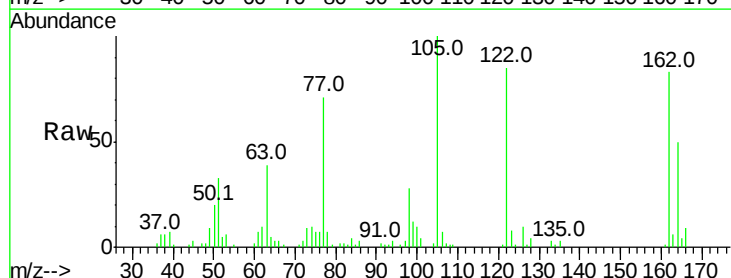
Manual Integrations
APPROVED

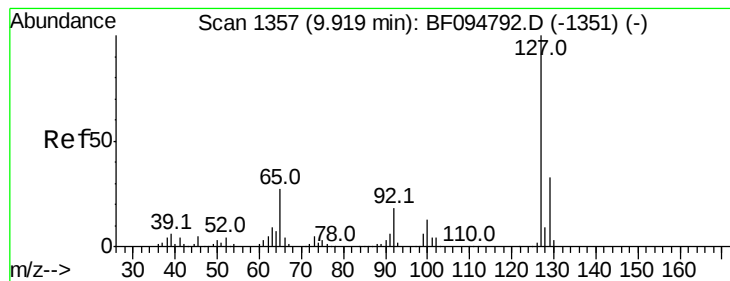
mohammad
5/17/2017 5:48:09 PM



#32
Benzoic acid
Concen: 29.64 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	118.0	103.3	143.3	
77	83.8	73.7	113.7	





#33

4-Chloroaniline

Concen: 41.30 ng

RT: 9.96 min Scan# 1364

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

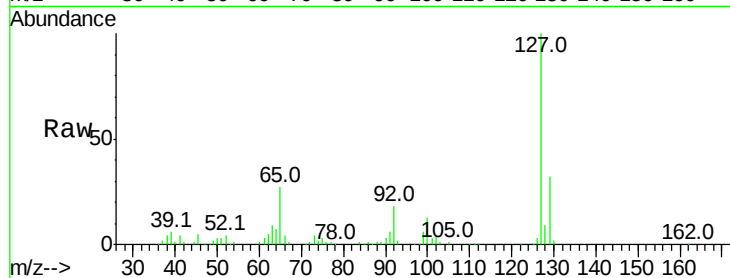
ClientSampleId :

SSTDCCC040

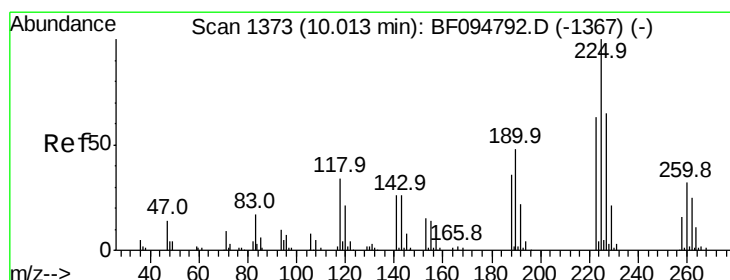
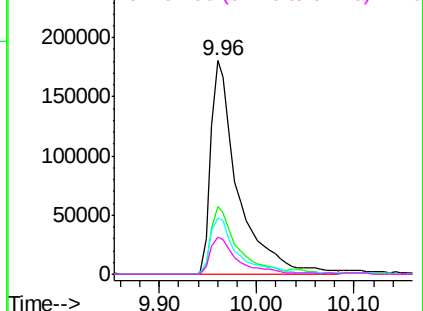
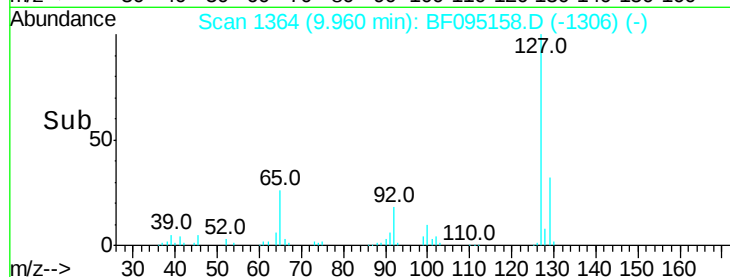
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.9	26.2	39.2
65	26.5	27.8	41.8
92	17.6	16.8	25.2

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



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



#34

Hexachlorobutadiene

Concen: 37.67 ng

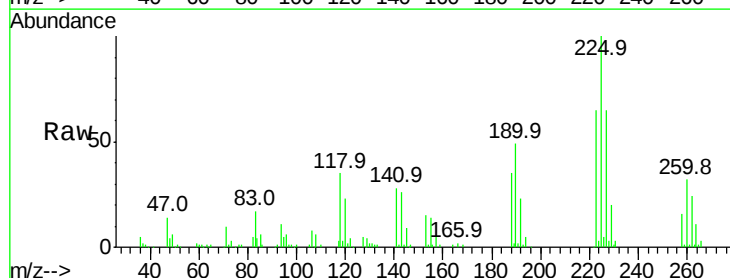
RT: 10.04 min Scan# 1378

Delta R.T. 0.03 min

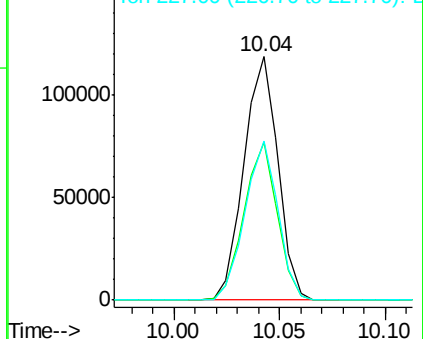
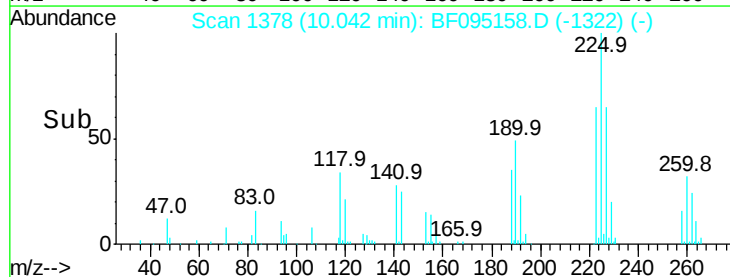
Lab File: BF095158.D

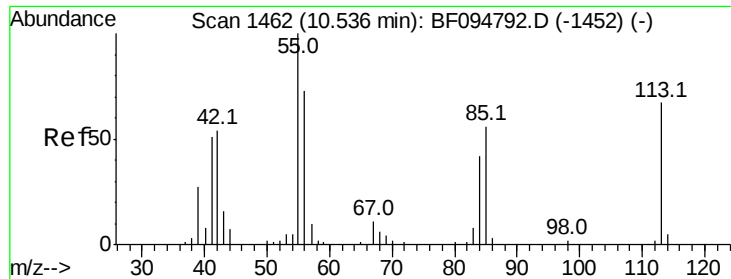
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.6	48.8	73.2
227	65.3	51.1	76.7



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





#35

Caprolactam

Concen: 36.82 ng/mL

RT: 10.60 min Scan# 1473

Delta R.T. 0.06 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 68800

Ion Ratio Lower Upper

113 100

55 160.4 150.2 190.2

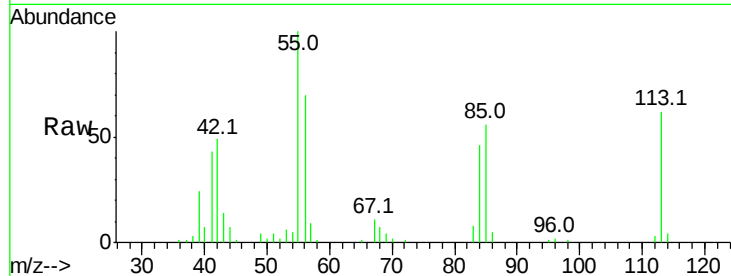
56 112.6 107.8 147.8

Manual Integrations

APPROVED

mohammad

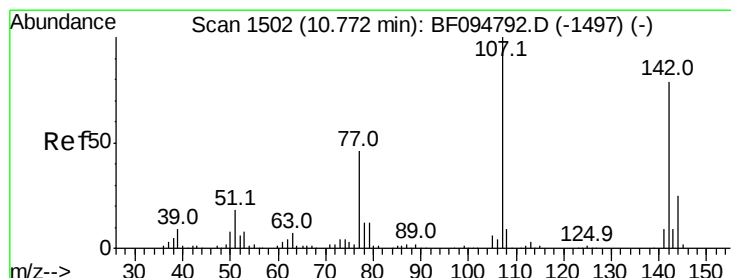
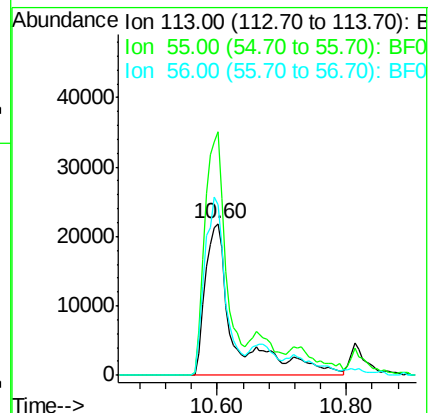
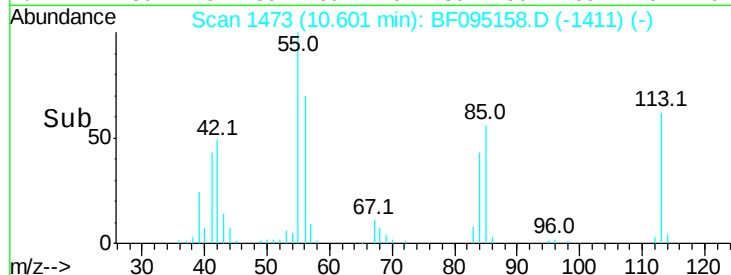
5/17/2017 5:48:09 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.02 ng/mL

RT: 10.81 min Scan# 1509

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

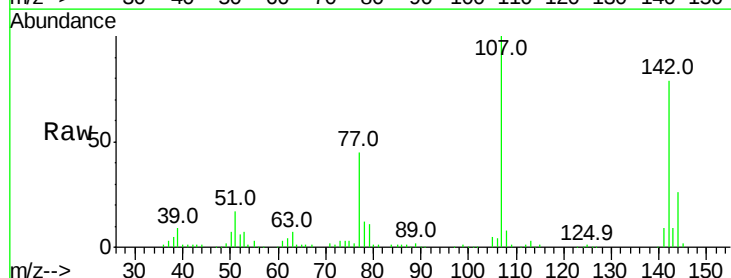
Tgt Ion:107 Resp: 266214

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

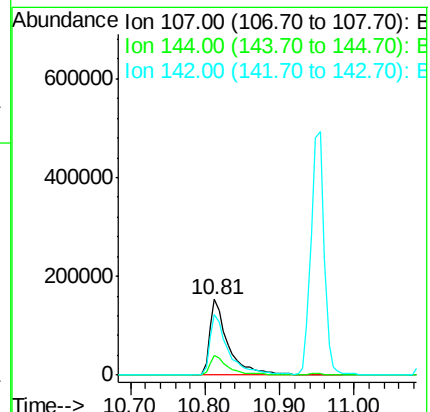
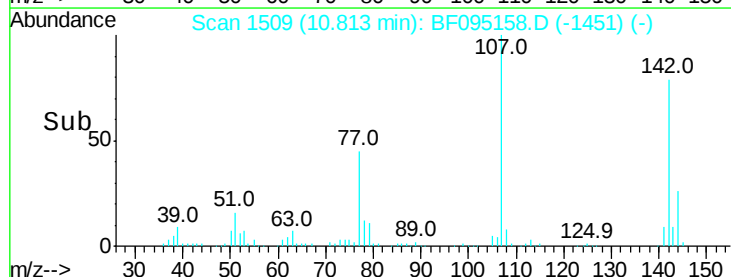
142 79.3 73.4 110.0

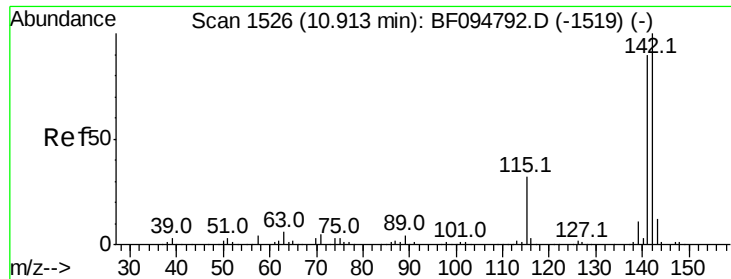


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





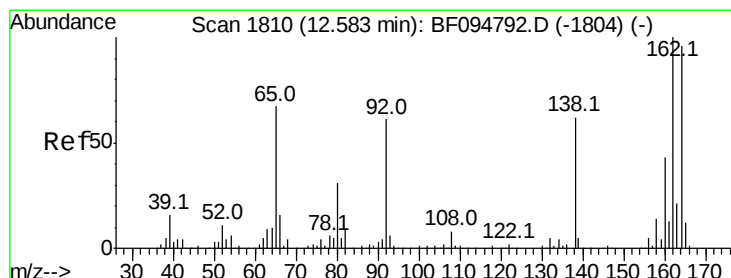
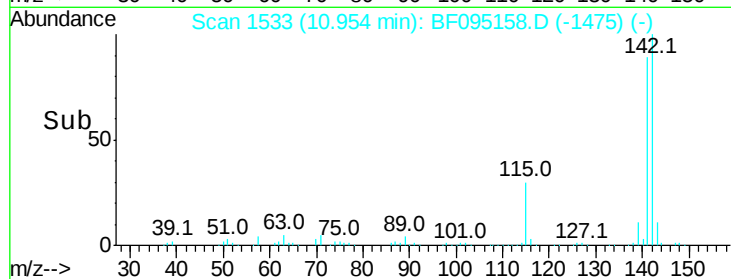
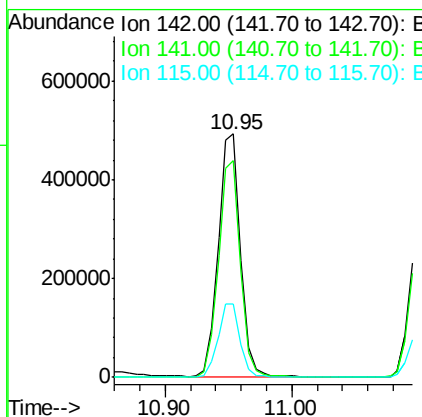
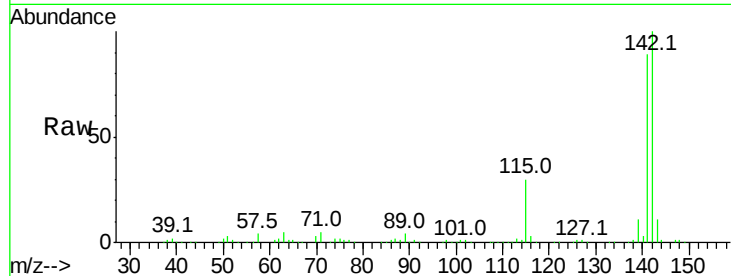
#37
2-Methylnaphthalene
Concen: 40.23 ng
RT: 10.95 min Scan# 1533
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	30.4	27.1	40.7

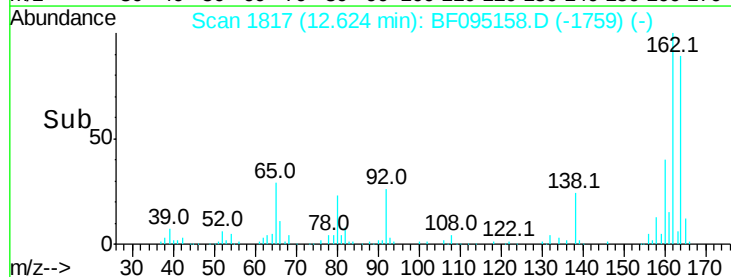
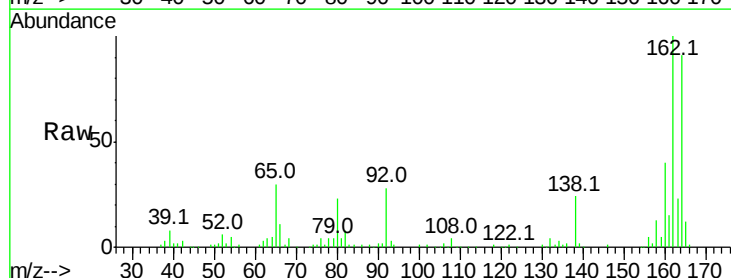
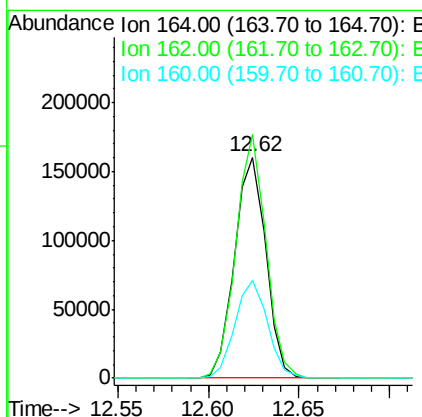
Manual Integrations
APPROVED

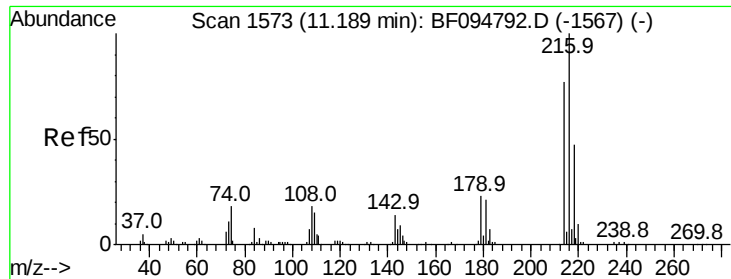
mohammad
5/17/2017 5:48:09 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.4	82.6	123.8
160	44.5	36.2	54.2





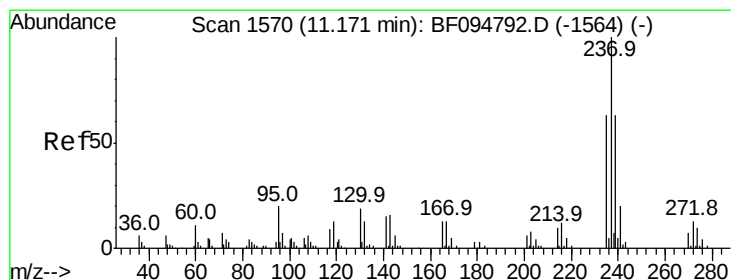
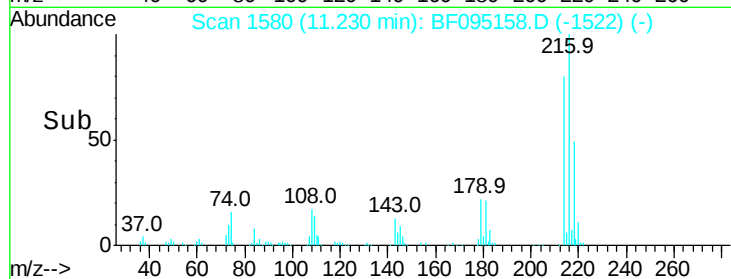
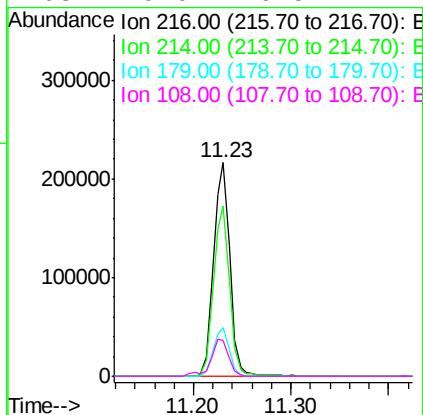
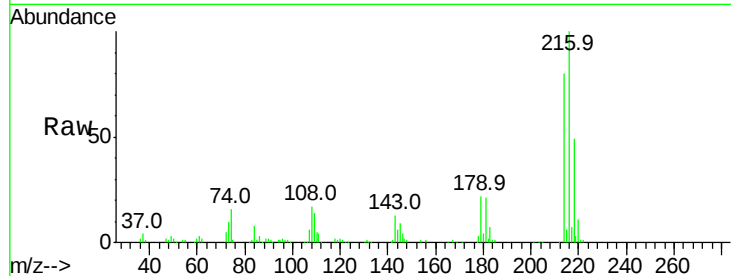
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.08 ng
 RT: 11.23 min Scan# 1580
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	249195		
214	78.7	63.4	95.2	
179	22.2	17.9	26.9	
108	19.0	16.5	24.7	

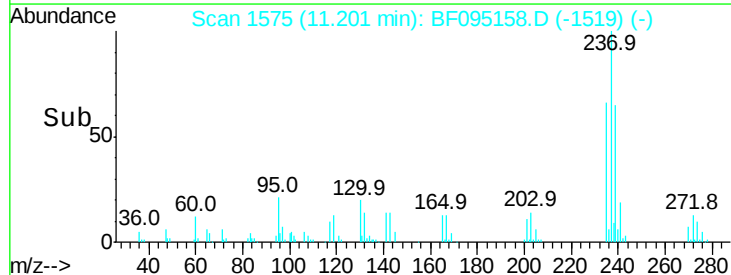
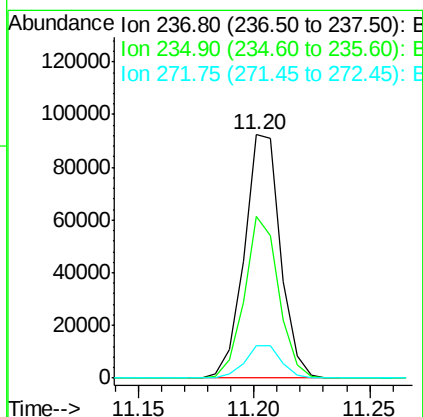
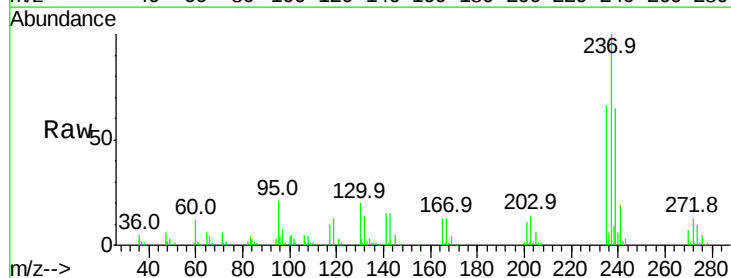
Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:48:09 PM



#40
 Hexachlorocyclopentadiene
 Concen: 43.52 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. 0.03 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	100903		
235	66.4	42.6	82.6	
272	13.4	0.0	31.9	





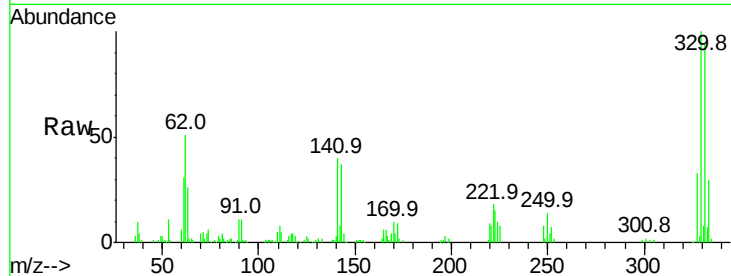
#41
 2,4,6-Tribromophenol
 Concen: 83.60 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	76.6	115.0	
141	39.9	31.4	47.2	

Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:48:09 PM

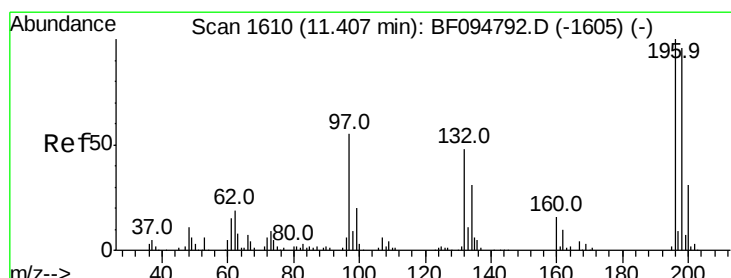
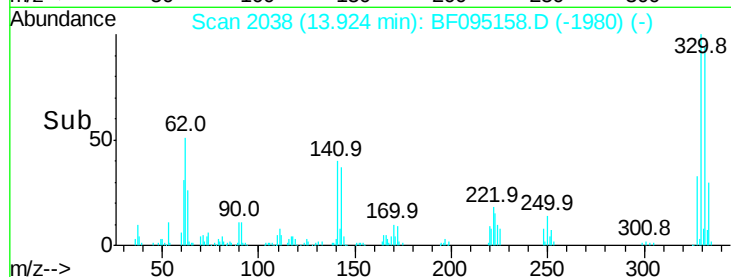
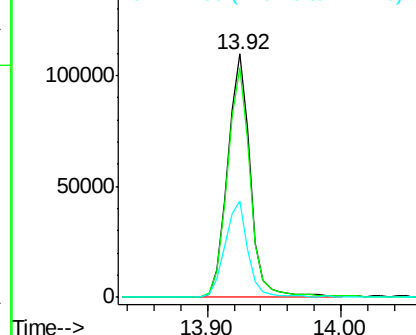


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.43 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

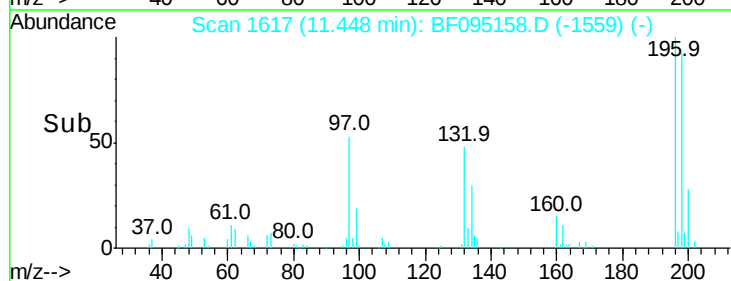
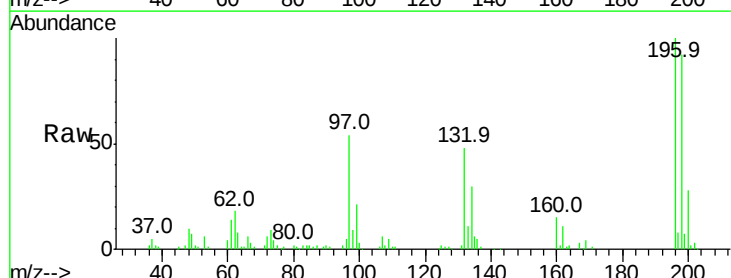
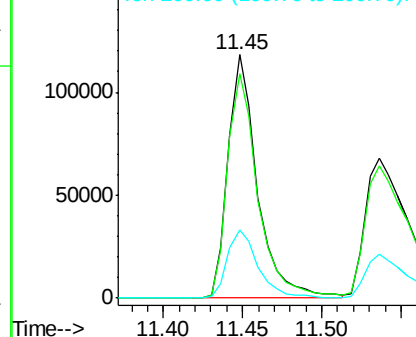
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.2	74.2	111.4	
200	28.1	24.0	36.0	

Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





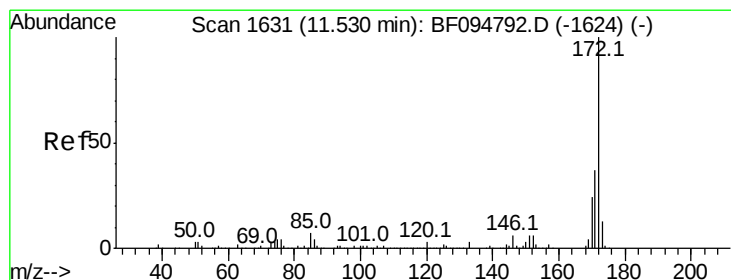
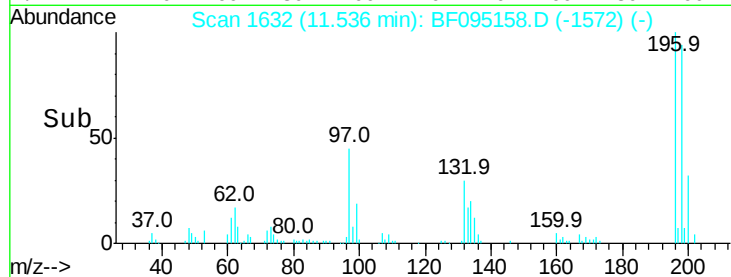
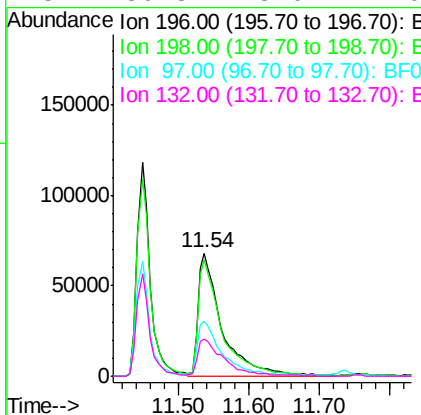
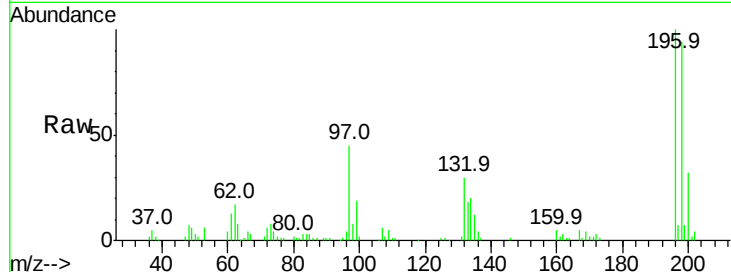
#43
 2,4,5-Trichlorophenol
 Concen: 37.70 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	160201		
198	94.4	75.7	113.5	
97	45.0	47.7	71.5#	
132	30.3	28.0	42.0	

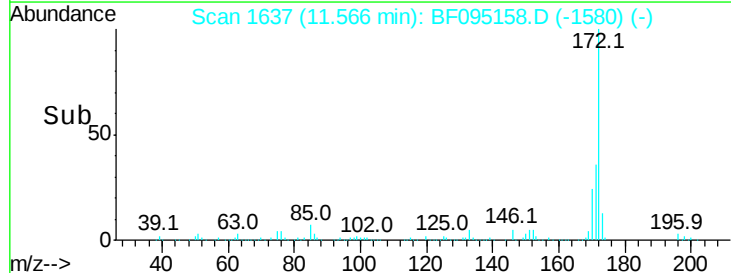
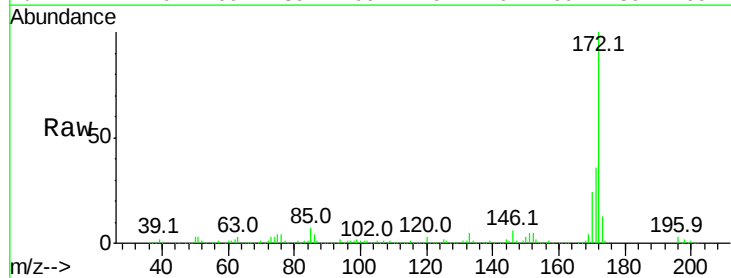
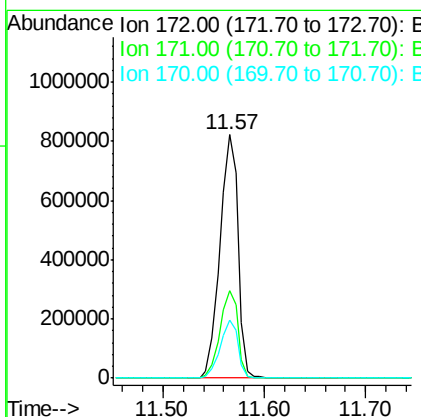
Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:48:09 PM



#44
 2-Fluorobiphenyl
 Concen: 76.20 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1019548		
171	35.9	29.6	44.4	
170	23.8	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 41.35 ng

RT: 11.72 min Scan# 1663

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

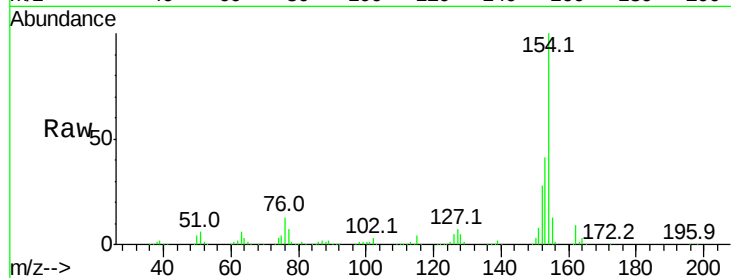
ClientSampleId :

SSTDCCC040

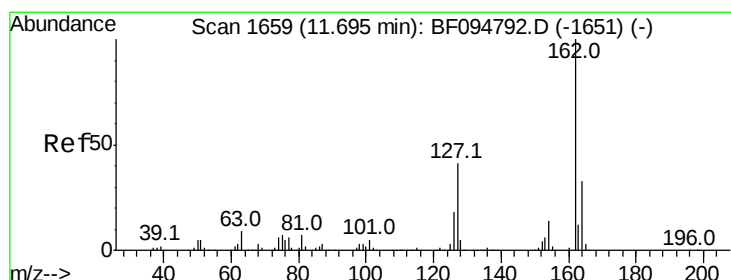
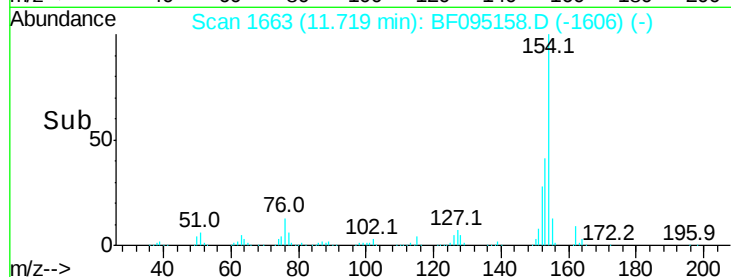
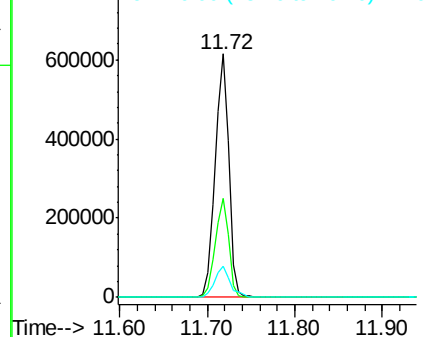
Tot Ion:	154	Resp:	670495
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.2	61.2
76	12.9	0.0	29.9

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.91 ng

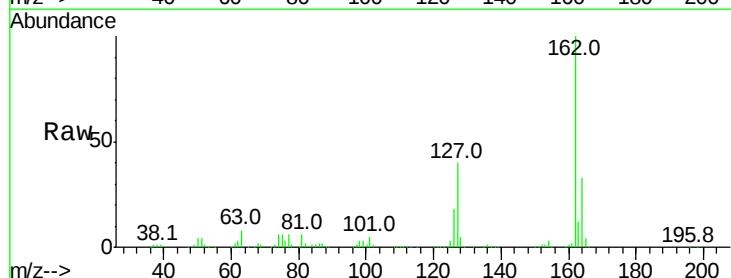
RT: 11.74 min Scan# 1666

Delta R.T. 0.04 min

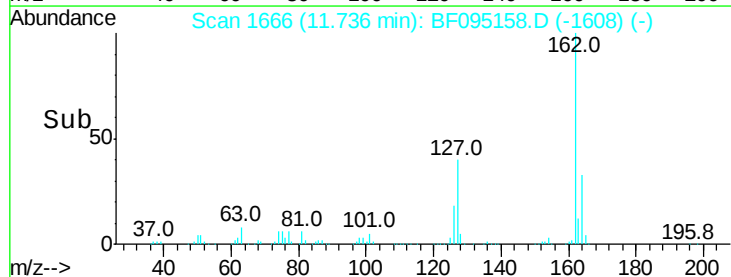
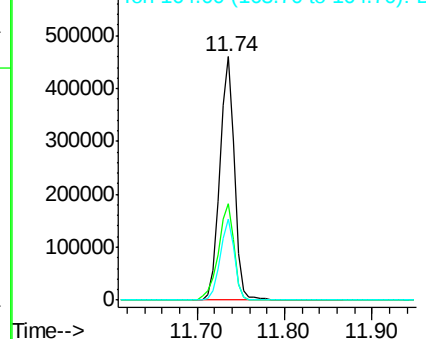
Lab File: BF095158.D

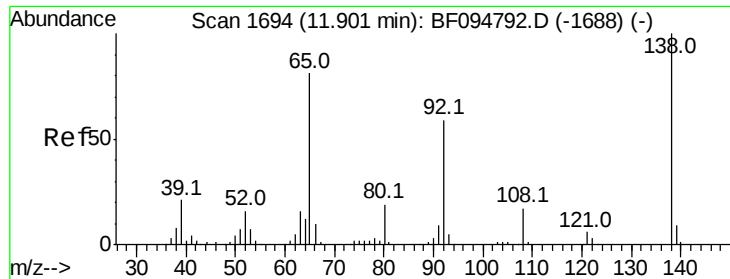
Acq: 16 May 2017 15:56

Tgt Ion:	162	Resp:	535531
Ion Ratio	Lower	Upper	
162	100		
127	39.7	28.3	42.5
164	33.2	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





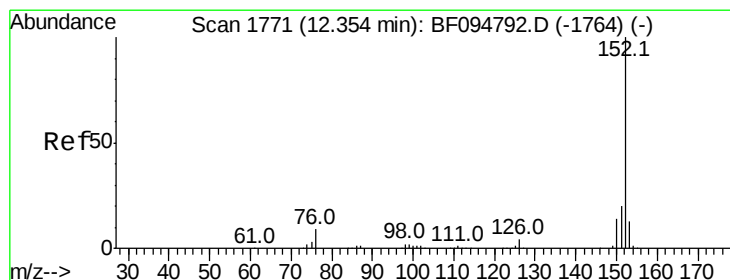
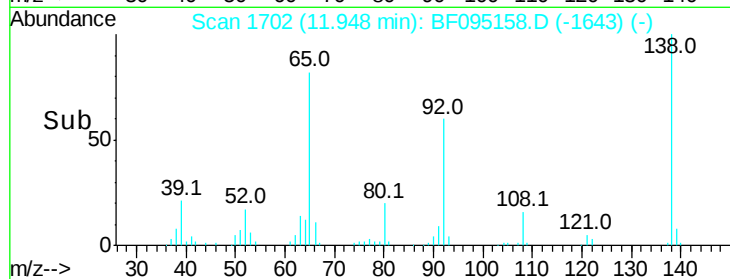
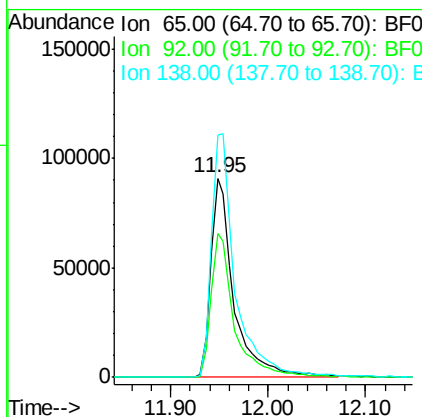
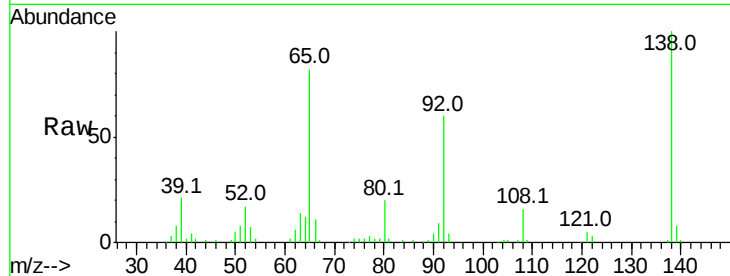
#47
 2-Nitroaniline
 Concen: 41.57 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.4	53.9	80.9
138	121.6	78.8	118.2

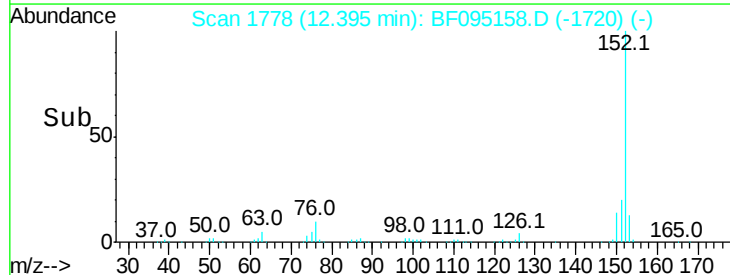
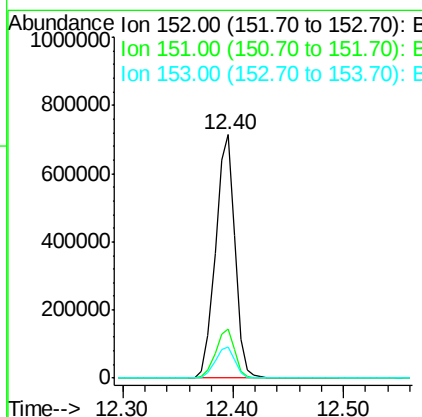
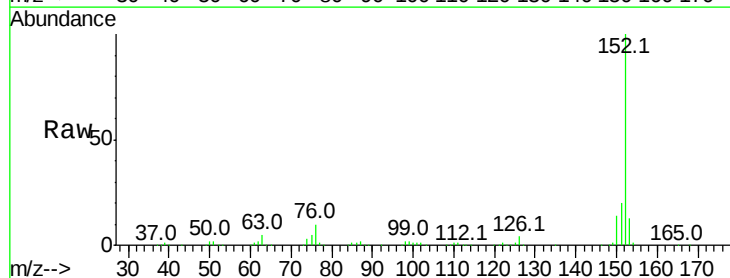
Manual Integrations
 APPROVED

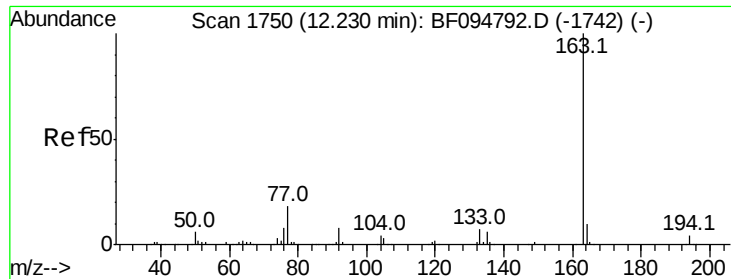
mohammad
 5/17/2017 5:48:09 PM



#48
 Acenaphthylene
 Concen: 42.29 ng
 RT: 12.40 min Scan# 1778
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	12.8	10.8	16.2





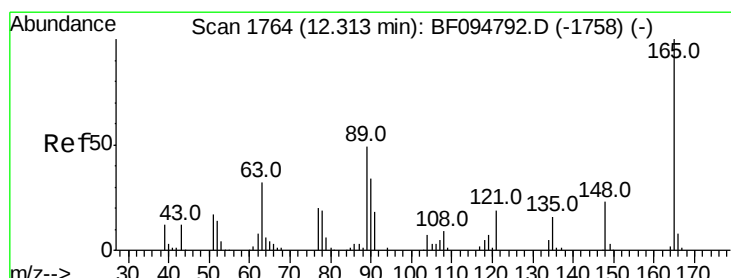
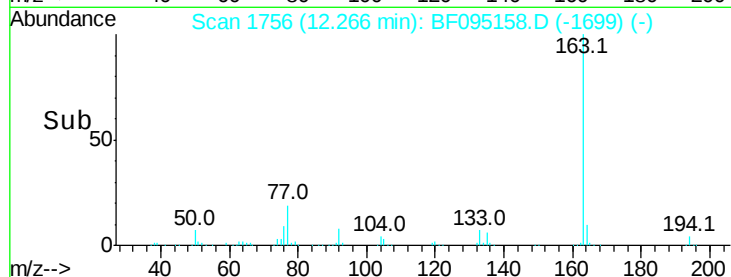
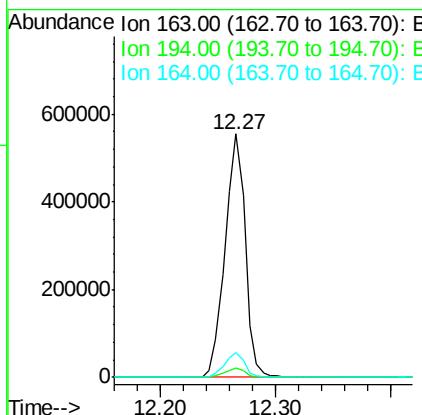
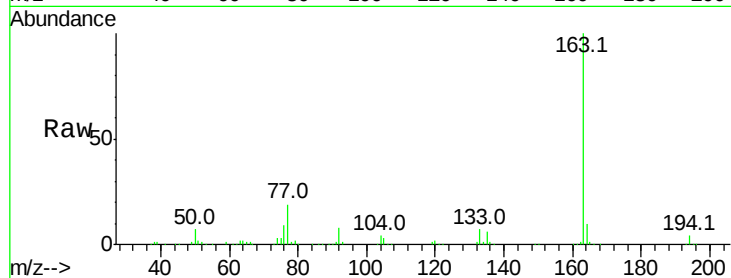
#49
Dimethylphthalate
Concen: 42.57 ng
RT: 12.27 min Scan# 1756
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	673054		
194	3.7		2.6	4.0
164	10.4		8.4	12.6

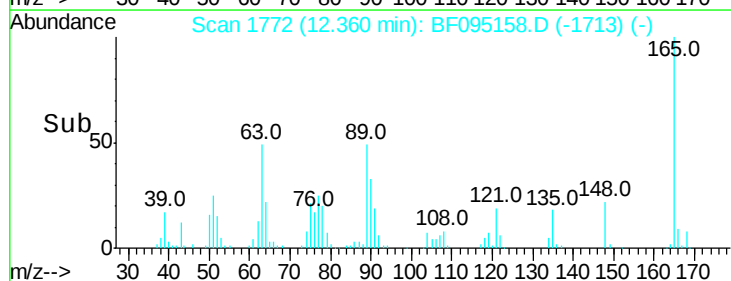
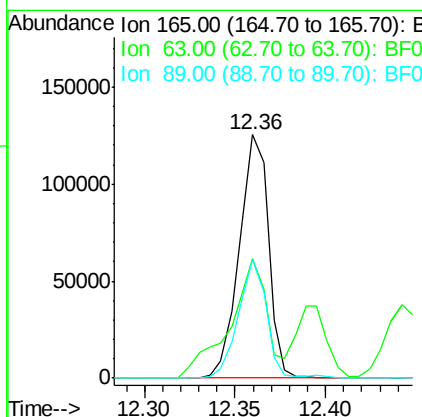
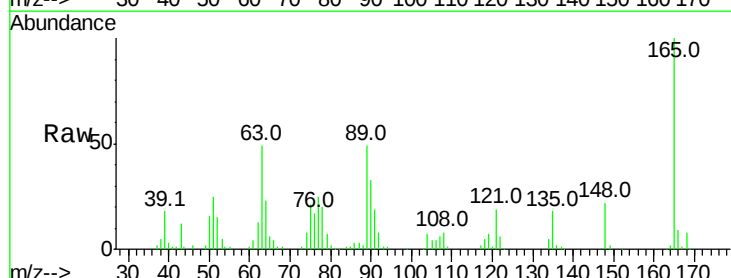
Manual Integrations
APPROVED

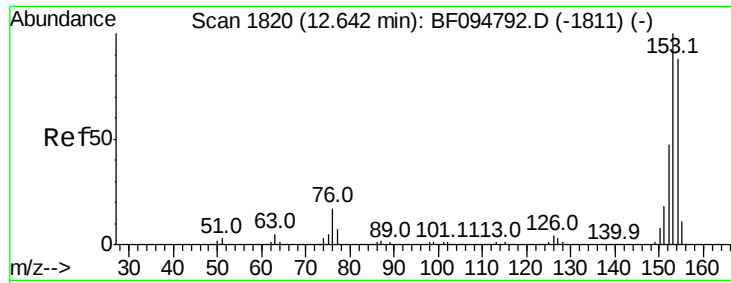
mohammad
5/17/2017 5:48:09 PM



#50
2,6-Dinitrotoluene
Concen: 43.61 ng
RT: 12.36 min Scan# 1772
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140666		
63	49.3		34.3	51.5
89	48.6		37.1	55.7





#51

Acenaphthene

Concen: 39.85 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 488109

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

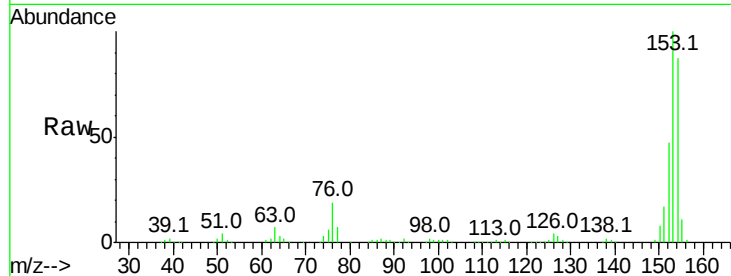
152 54.0 43.6 65.4

Manual Integrations

APPROVED

mohammad

5/17/2017 5:48:09 PM

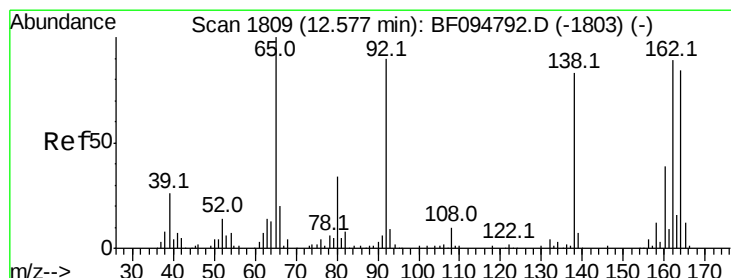
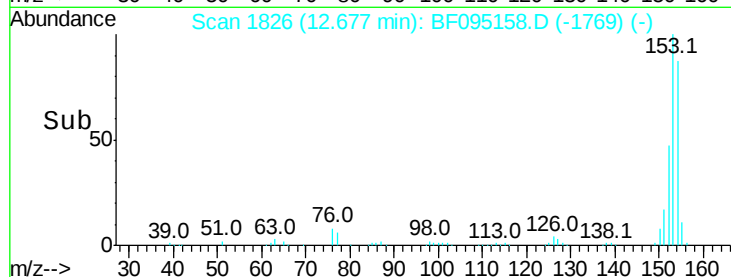
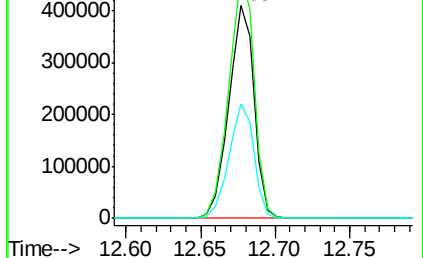


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

12.68



#52

3-Nitroaniline

Concen: 39.94 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

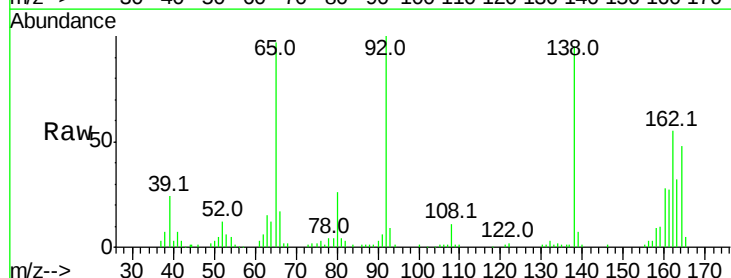
Tgt Ion:138 Resp: 138272

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

92 105.7 93.8 140.6

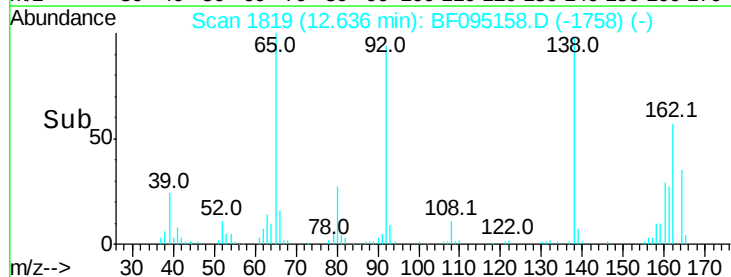
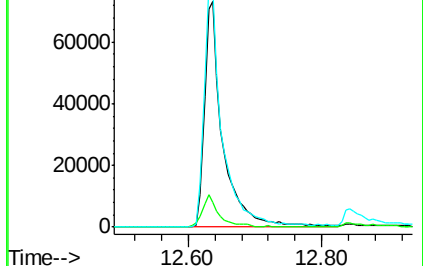


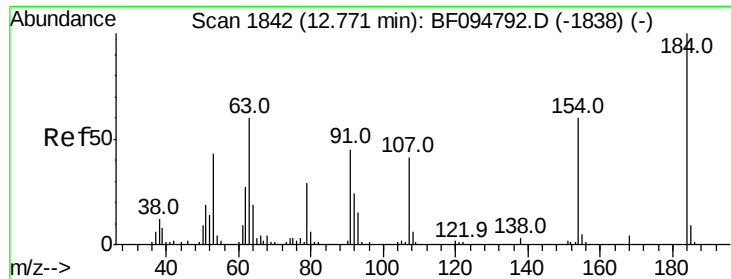
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

12.64





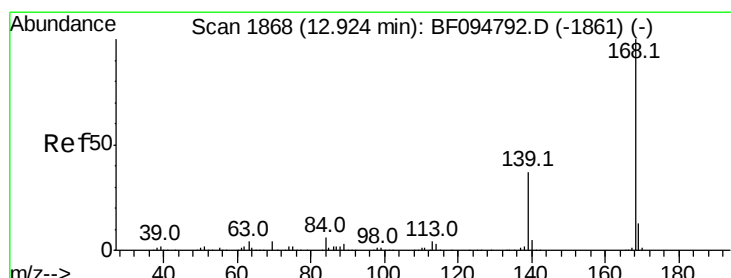
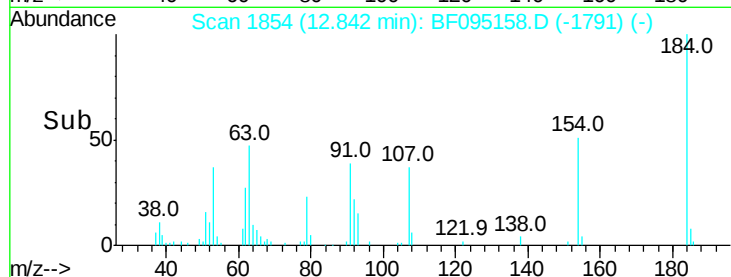
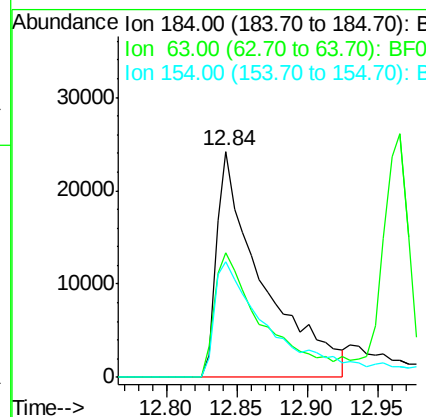
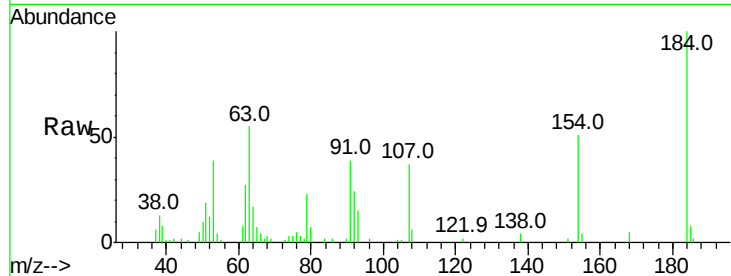
#53
 2,4-Dinitrophenol
 Concen: 34.64 ng
 RT: 12.84 min Scan# 1854
 Delta R.T. 0.07 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.3	62.7	94.1#
154	51.4	81.1	121.7#

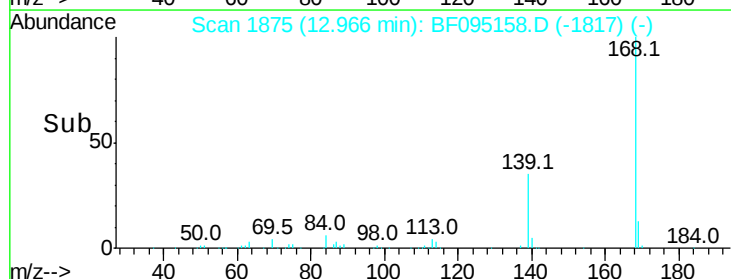
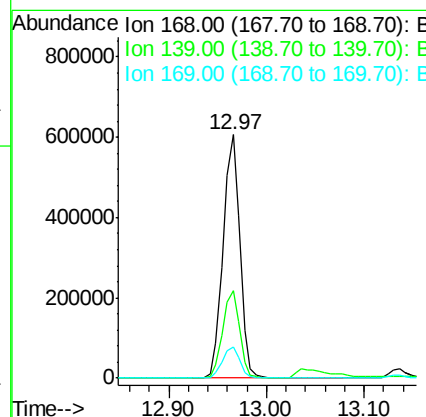
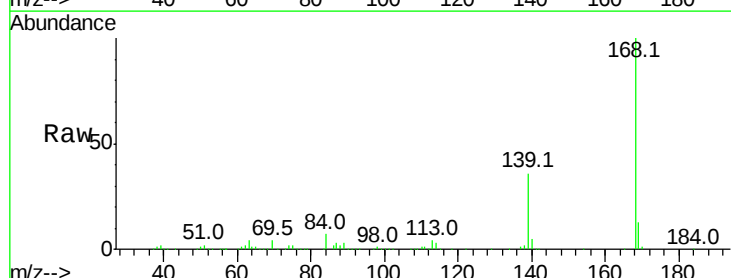
Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:48:09 PM



#54
 Dibenzofuran
 Concen: 42.89 ng
 RT: 12.97 min Scan# 1875
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.6	45.8
169	12.8	10.8	16.2





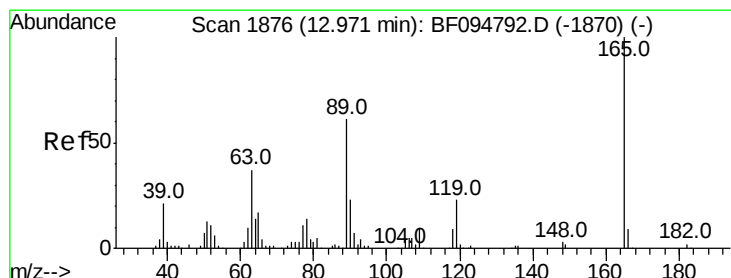
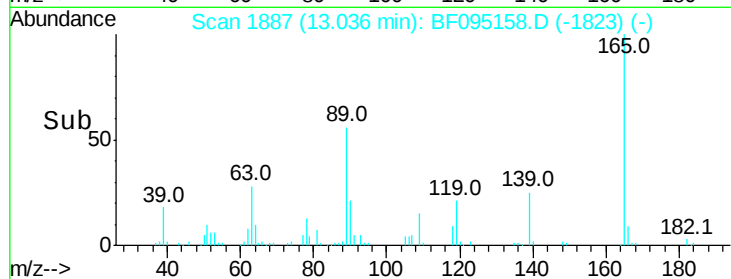
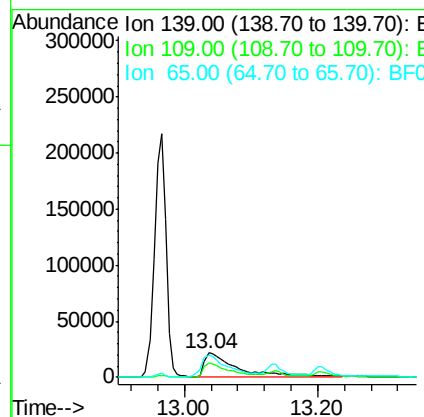
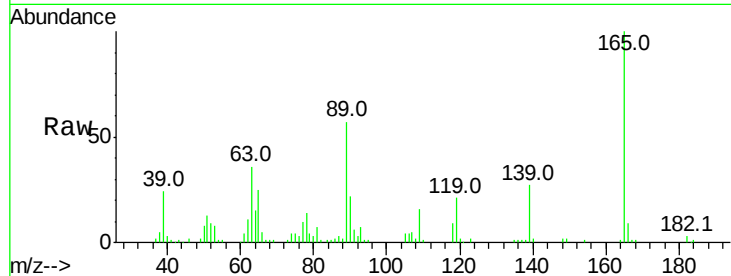
#55
4-Nitrophenol
Concen: 34.65 ng
RT: 13.04 min Scan# 1887
Delta R.T. 0.08 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	58.0	34.1	74.1	
65	92.0	31.4	71.4	

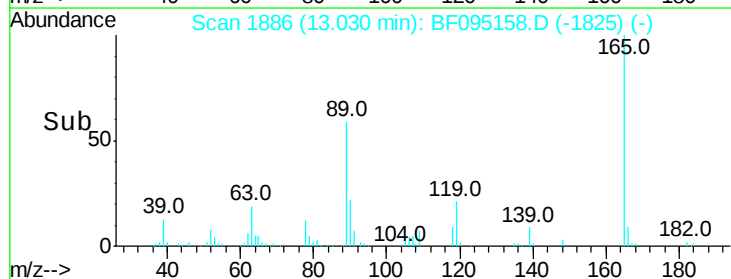
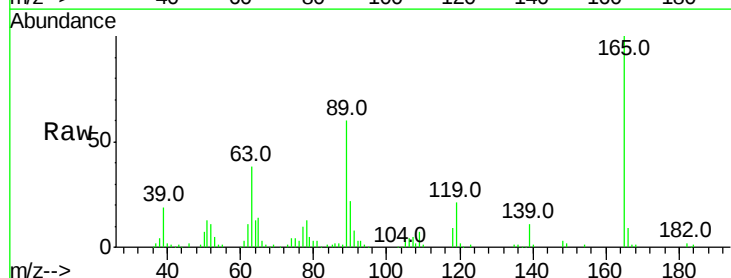
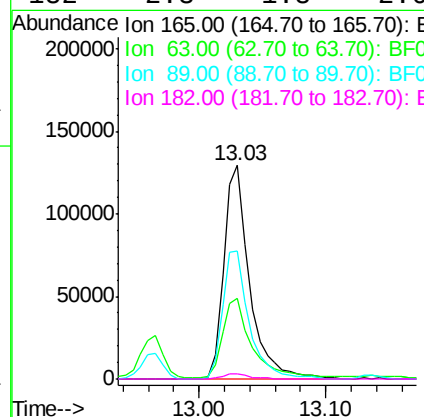
Manual Integrations
APPROVED

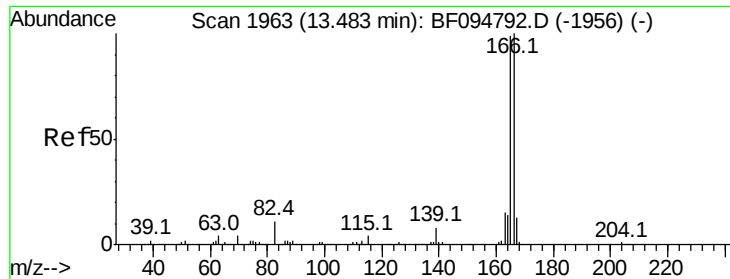
mohammad
5/17/2017 5:48:09 PM



#56
2,4-Dinitrotoluene
Concen: 44.05 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.0	25.4	38.0	
89	60.2	46.4	69.6	
182	2.3	1.8	2.6	





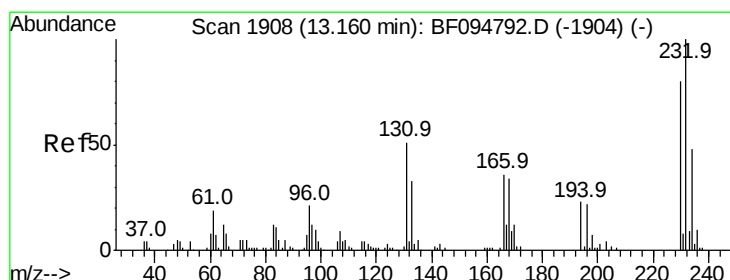
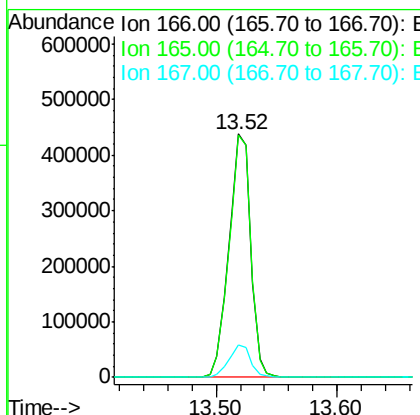
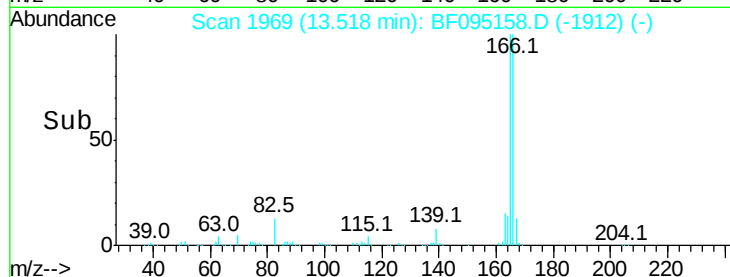
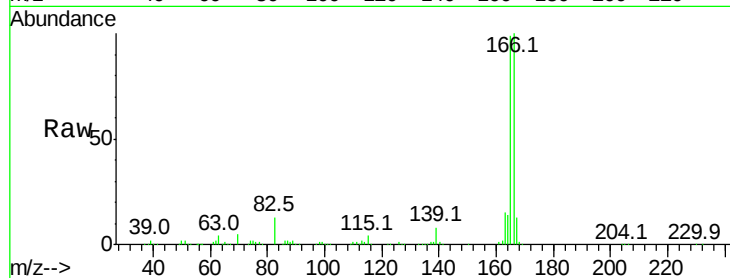
#57
 Fluorene
 Concen: 37.31 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	13.4	10.6	16.0

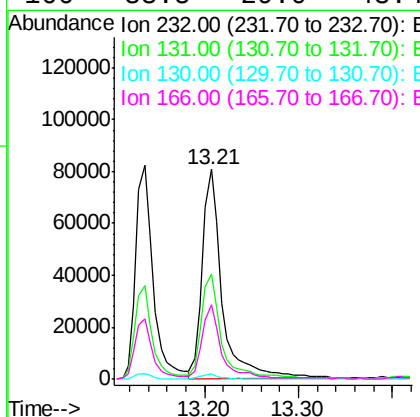
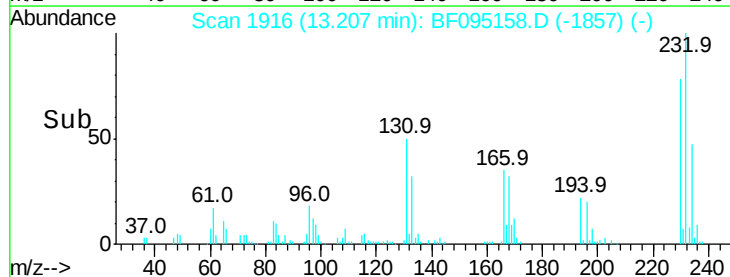
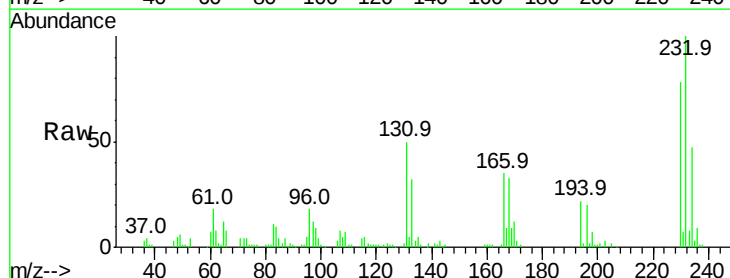
Manual Integrations
 APPROVED

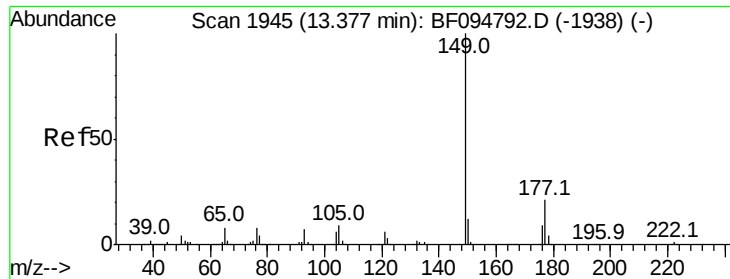
mohammad
 5/17/2017 5:48:09 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.45 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.0	44.8	67.2
130	2.2	2.3	3.5#
166	33.5	29.0	43.4





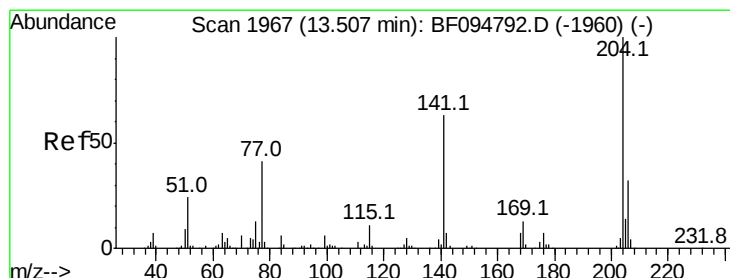
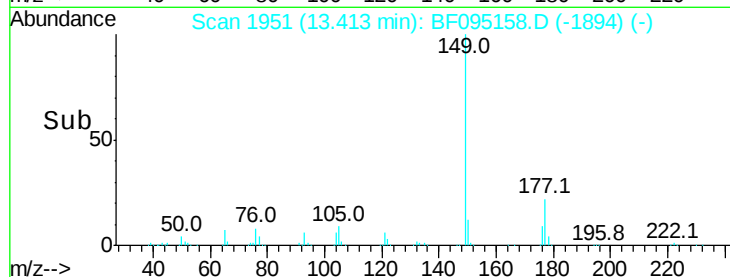
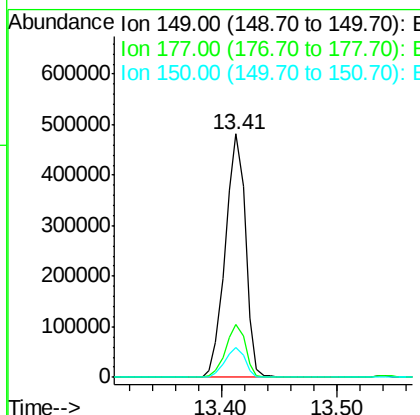
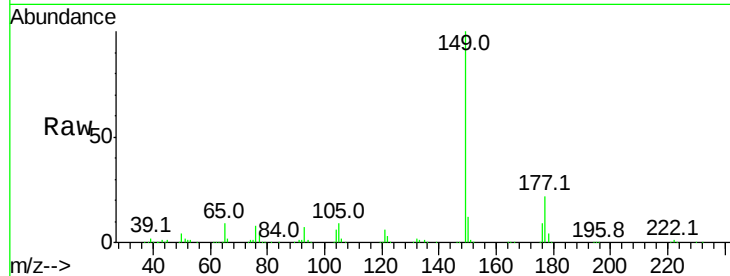
#59
Diethylphthalate
Concen: 38.57 ng
RT: 13.41 min Scan# 1951
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.7	25.1
150	12.0	10.2	15.2

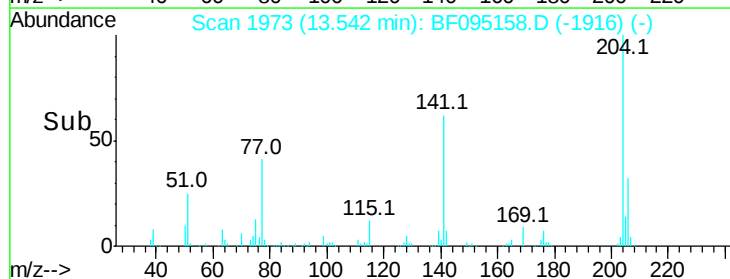
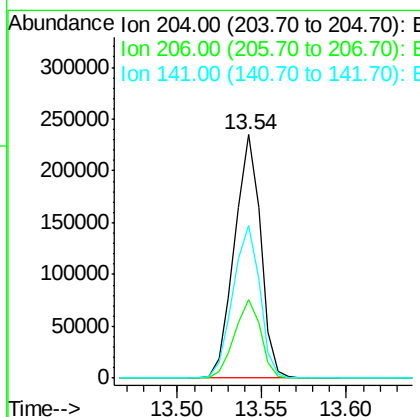
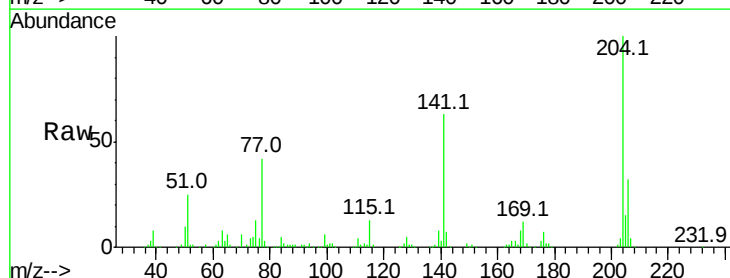
Manual Integrations
APPROVED

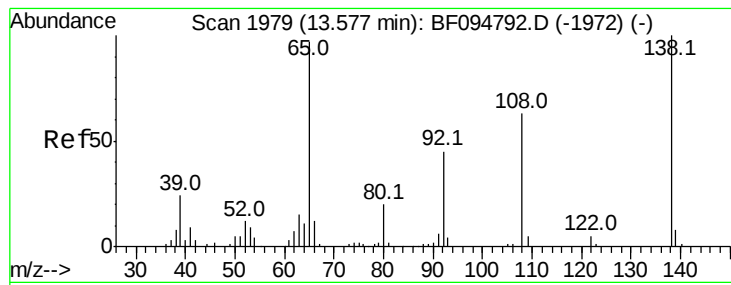
mohammad
5/17/2017 5:48:09 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.19 ng
RT: 13.54 min Scan# 1973
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	62.8	60.8	91.2





#61

4-Nitroaniline

Concen: 32.43 ng

RT: 13.63 min Scan# 1988

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

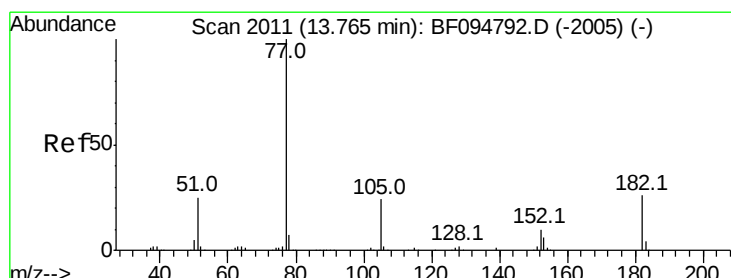
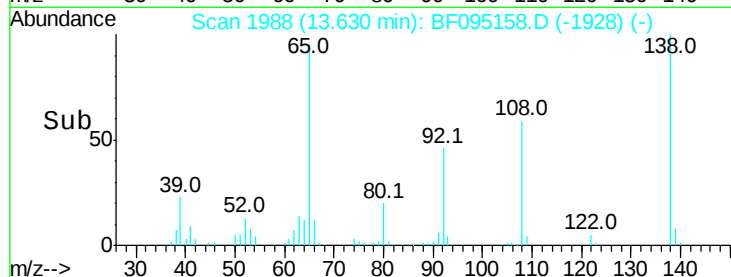
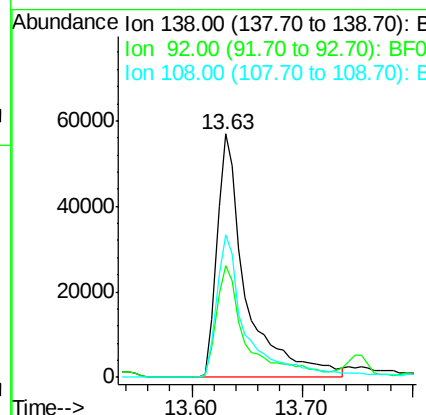
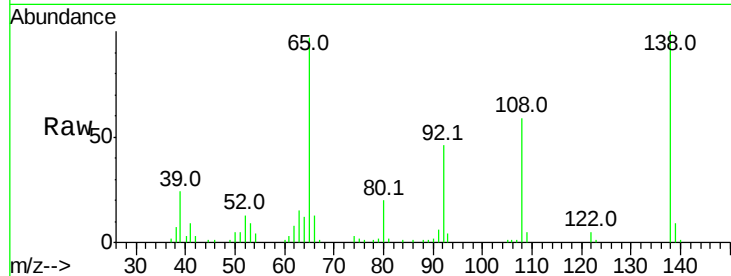
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	103048
Ion Ratio	Lower	Upper	
138	100		
92	46.1	21.8	61.8
108	58.7	42.3	82.3

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#62

Azobenzene

Concen: 39.77 ng

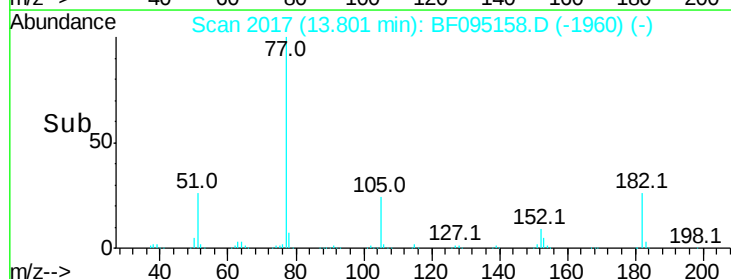
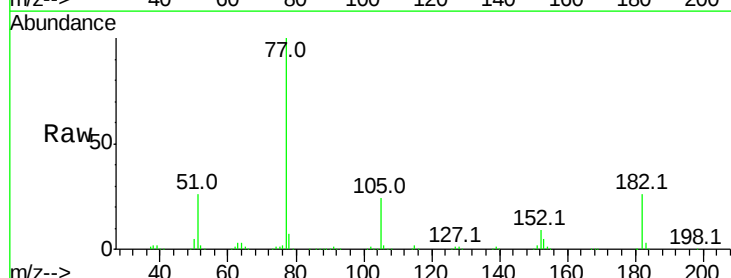
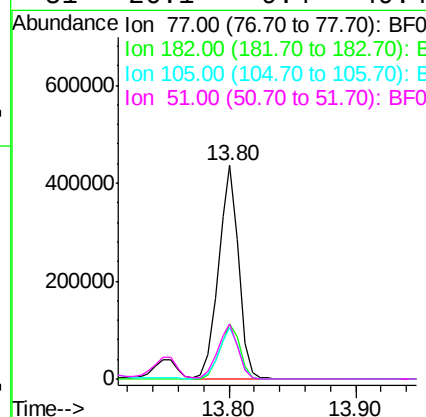
RT: 13.80 min Scan# 2017

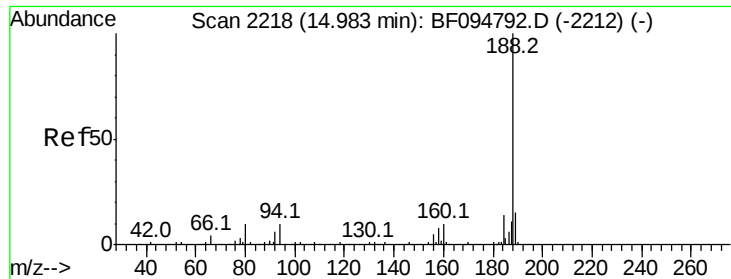
Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion:	77	Resp:	484184
Ion Ratio	Lower	Upper	
77	100		
182	25.8	0.1	40.1
105	24.0	3.6	43.6
51	26.1	9.4	49.4





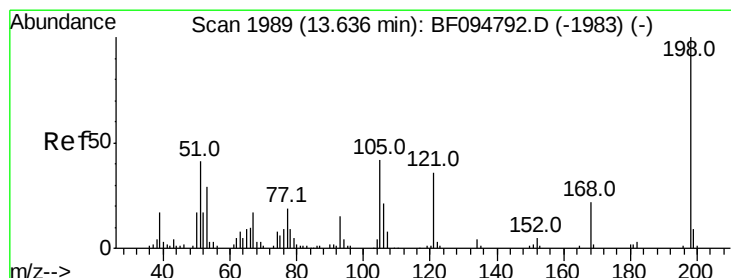
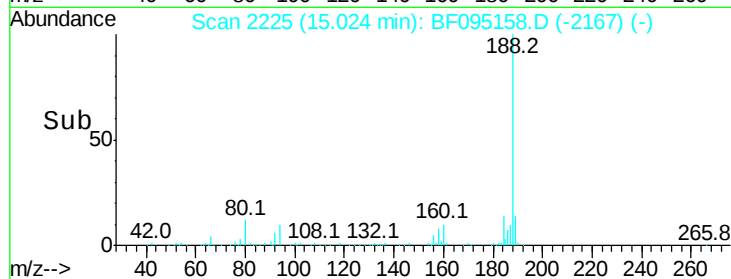
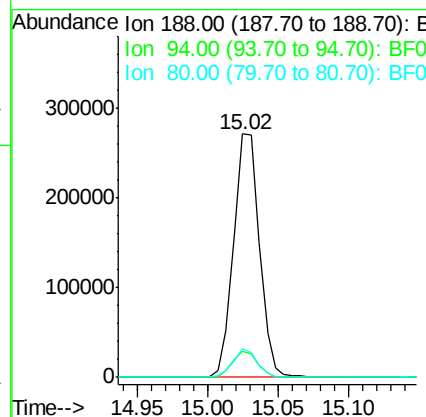
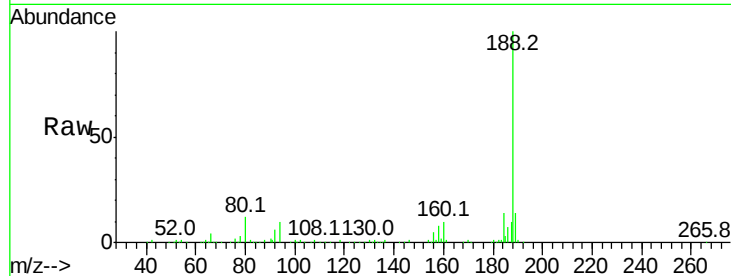
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	347637		
94	10.5		9.4	14.2
80	11.5		10.2	15.2

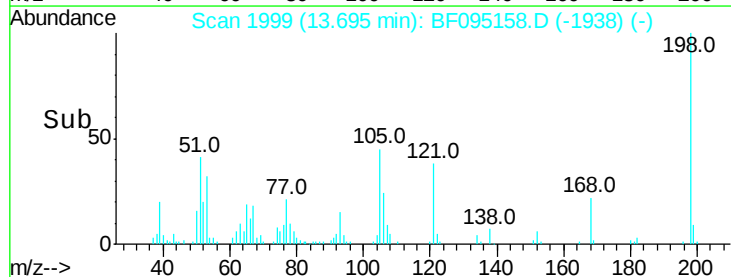
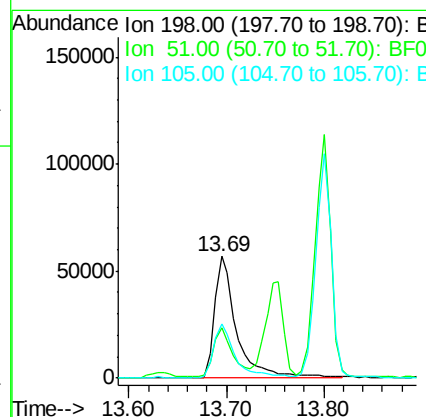
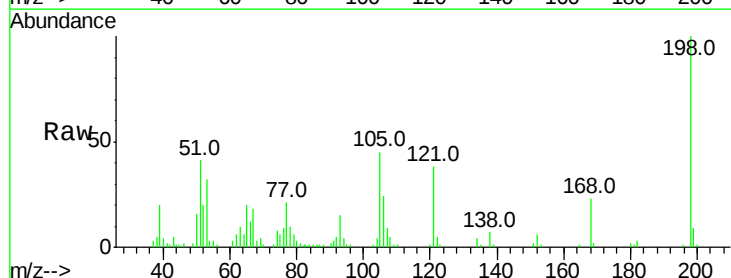
Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.18 ng
RT: 13.69 min Scan# 1999
Delta R.T. 0.06 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	88967		
51	41.4		53.2	93.2#
105	44.9		45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 38.25 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

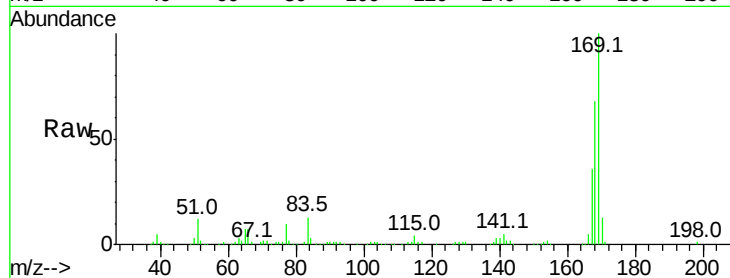
ClientSampleId :

SSTDCCC040

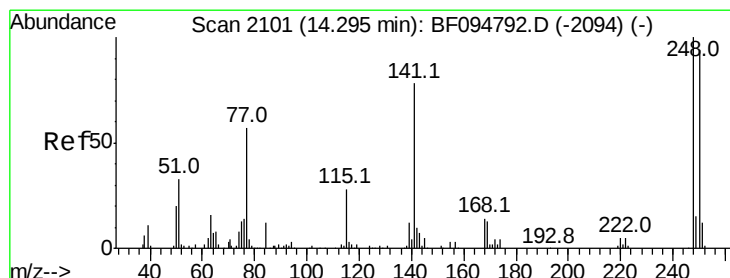
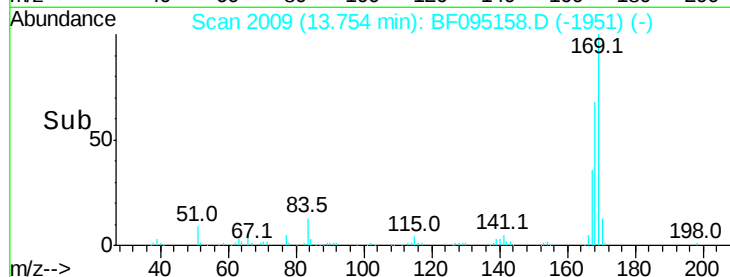
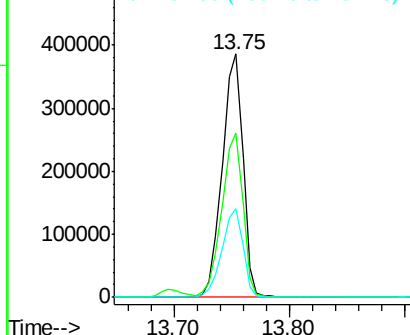
Tot Ion:	169	Resp:	482607
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.2	79.8
167	36.3	29.5	44.3

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.76 ng

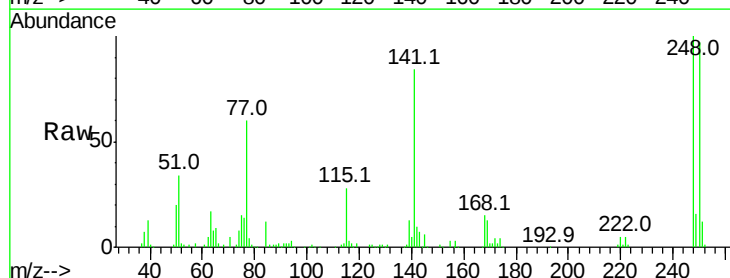
RT: 14.33 min Scan# 2107

Delta R.T. 0.04 min

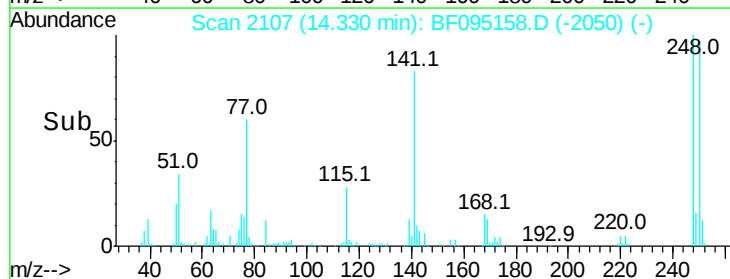
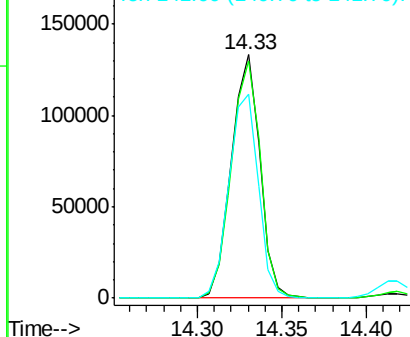
Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion:	248	Resp:	157035
Ion Ratio	Lower	Upper	
248	100		
250	97.2	76.8	115.2
141	83.6	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.68 ng

RT: 14.42 min Scan# 2122

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:284 Resp: 160636
Ion Ratio Lower Upper

284 100

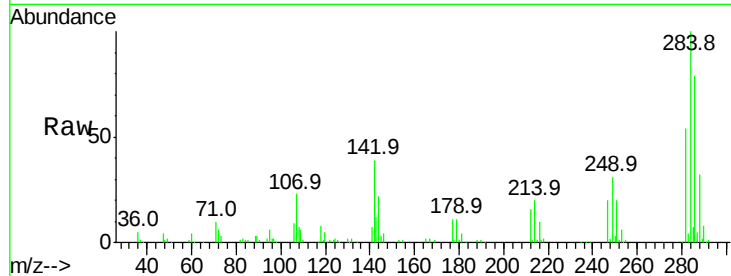
142 39.1 22.8 34.2#

249 31.4 24.0 36.0

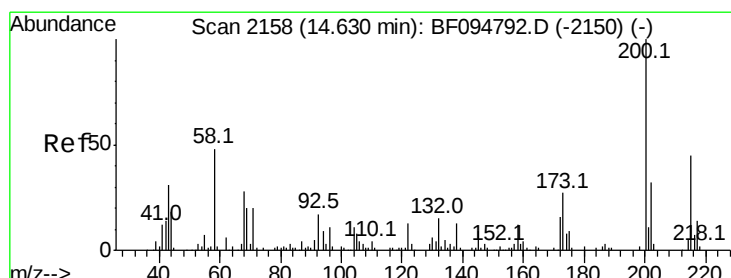
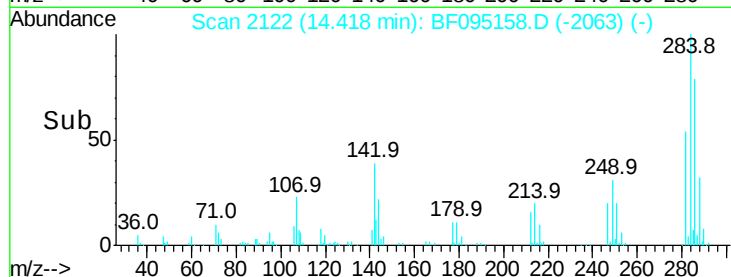
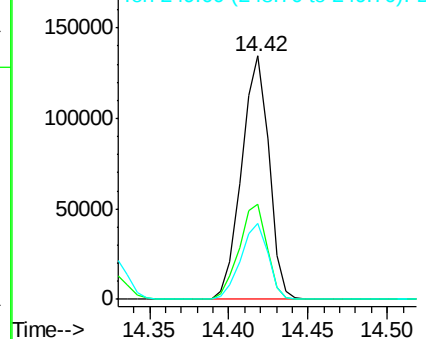
Manual Integrations
APPROVED

mohammad

5/17/2017 5:48:09 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.19 ng

RT: 14.67 min Scan# 2165

Delta R.T. 0.04 min

Lab File: BF095158.D

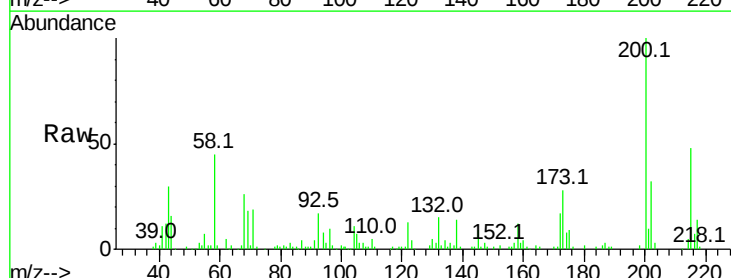
Acq: 16 May 2017 15:56

Tgt Ion:200 Resp: 139600
Ion Ratio Lower Upper

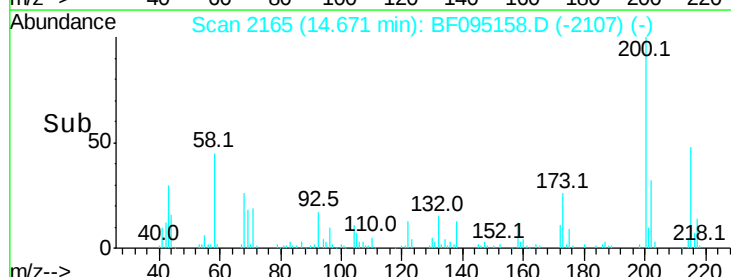
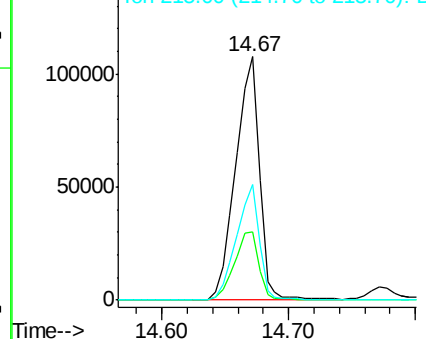
200 100

173 28.2 6.3 46.3

215 47.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





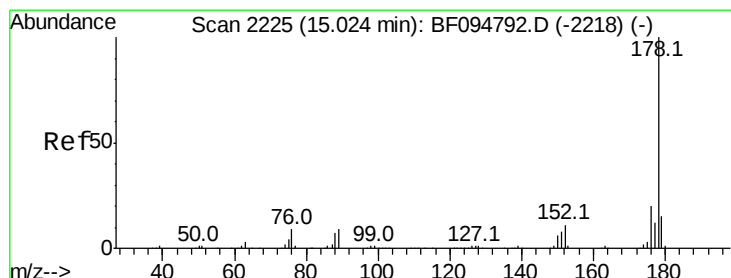
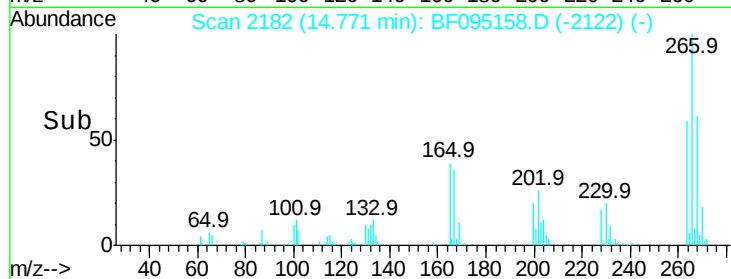
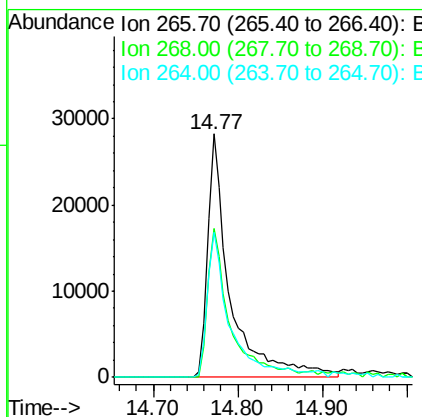
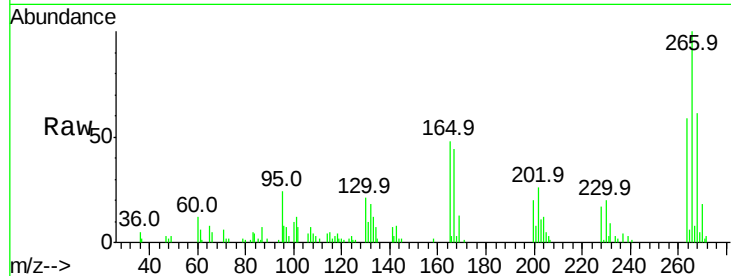
#69
 Pentachlorophenol
 Concen: 34.57 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.1	76.7
264	59.4	51.7	77.5

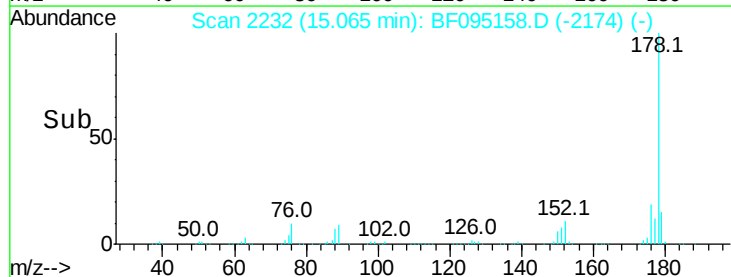
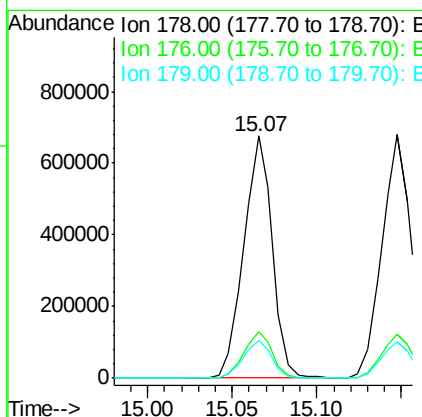
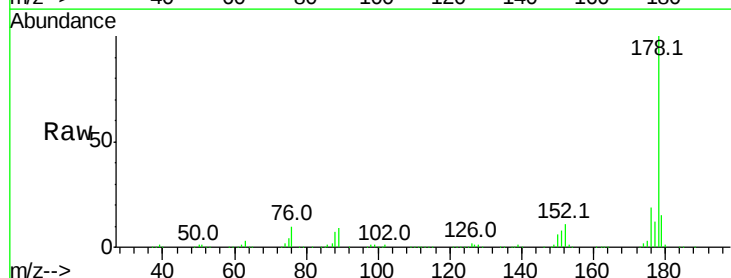
Manual Integrations
 APPROVED

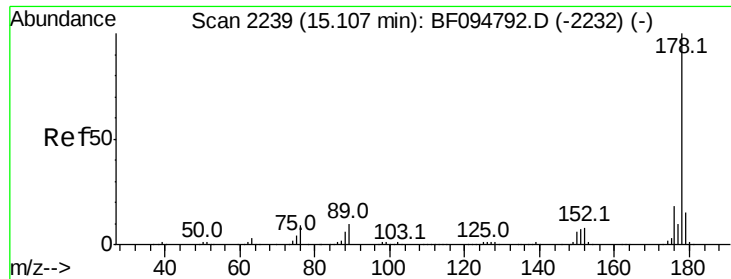
mohammad
 5/17/2017 5:48:09 PM



#70
 Phenanthrene
 Concen: 39.86 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.3	12.6	19.0





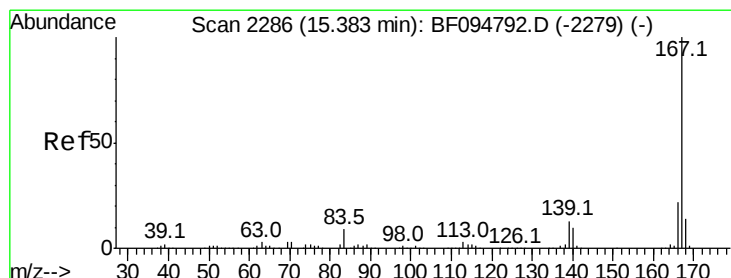
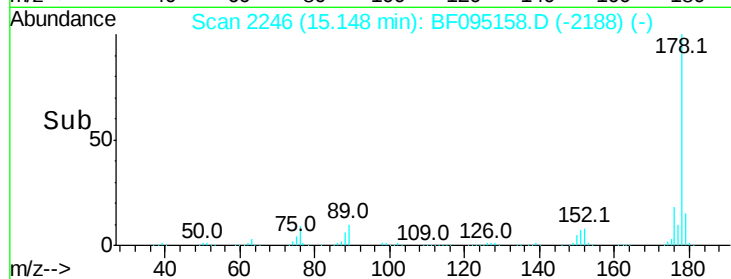
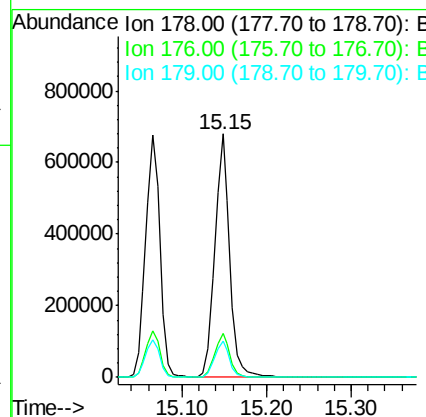
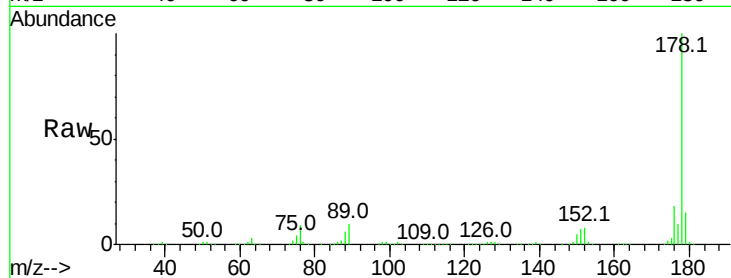
#71
 Anthracene
 Concen: 41.56 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.0	12.7	19.1

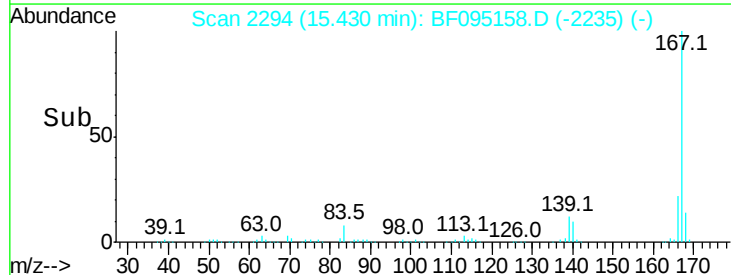
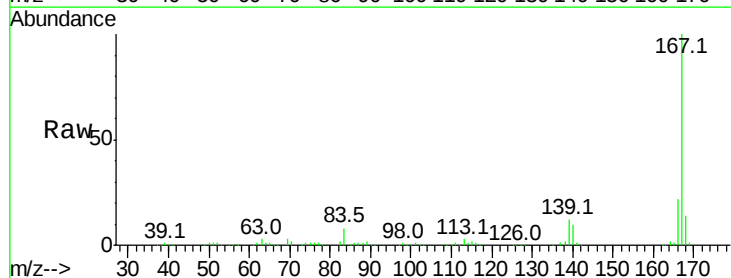
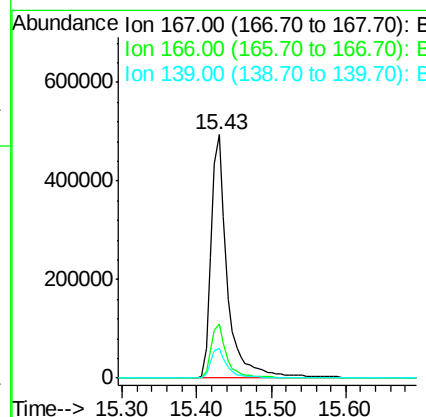
Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:48:09 PM



#72
 Carbazole
 Concen: 40.53 ng
 RT: 15.43 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	12.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 39.93 ng

RT: 15.99 min Scan# 2389

Delta R.T. 0.03 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

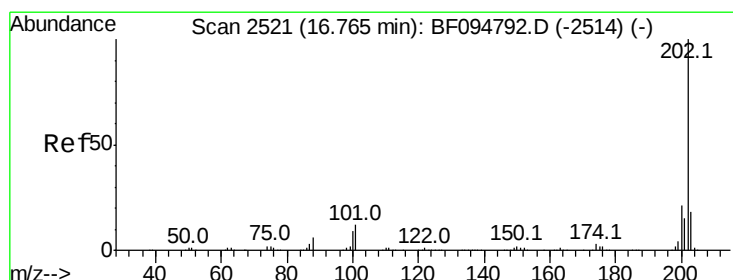
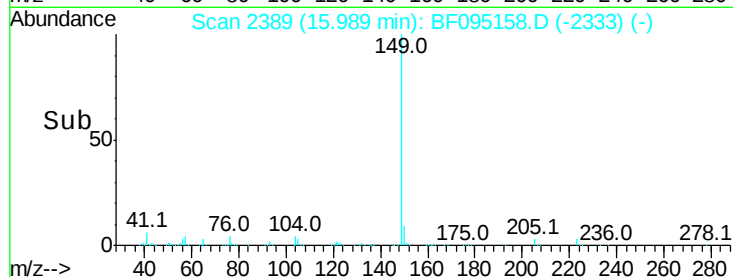
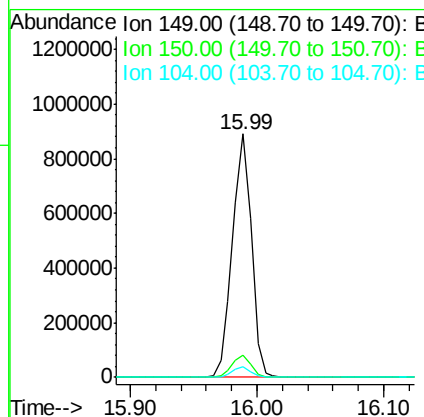
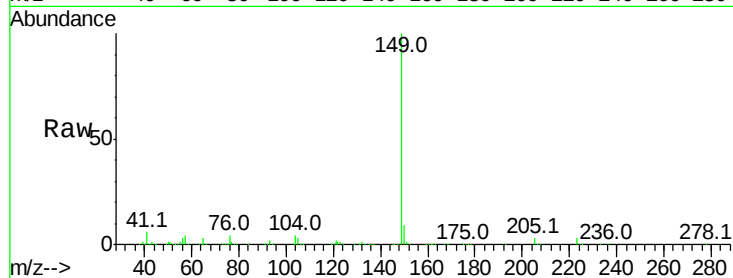
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	924317
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.2	4.0	6.0

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#74

Fluoranthene

Concen: 37.12 ng

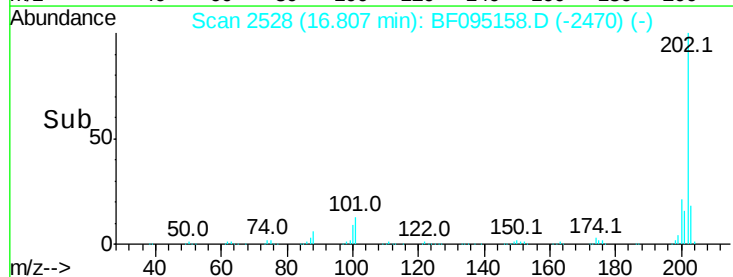
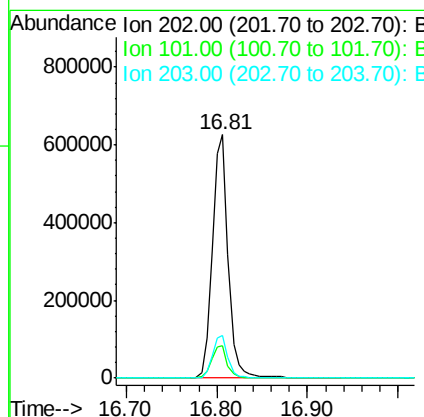
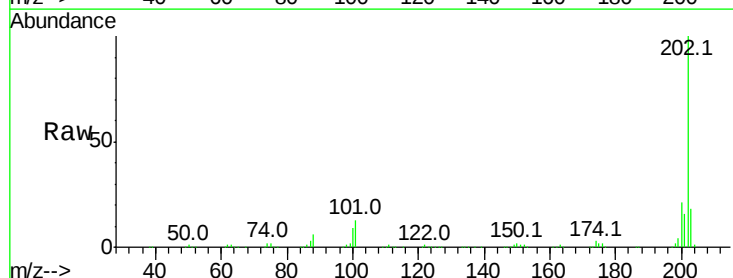
RT: 16.81 min Scan# 2528

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion:	202	Resp:	760655
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.2
203	17.6	0.0	38.1





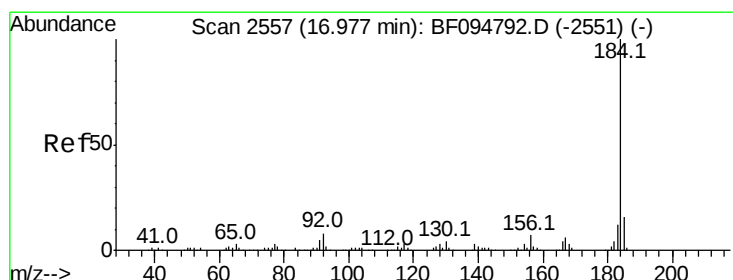
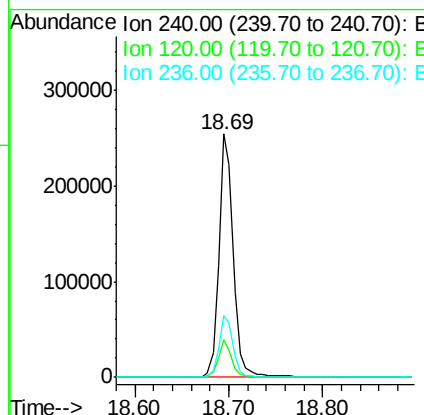
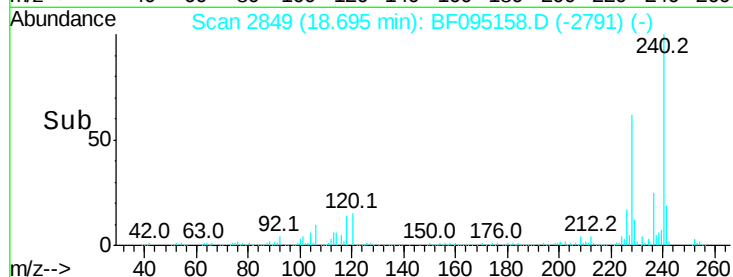
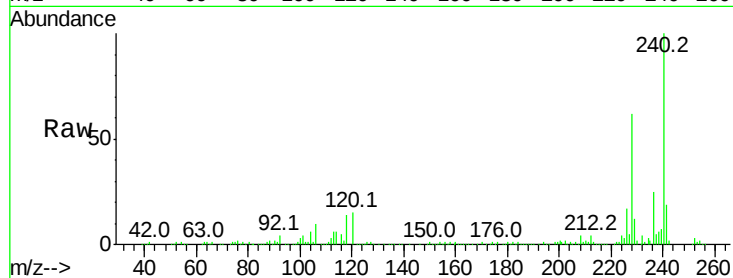
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.5	20.5	30.7

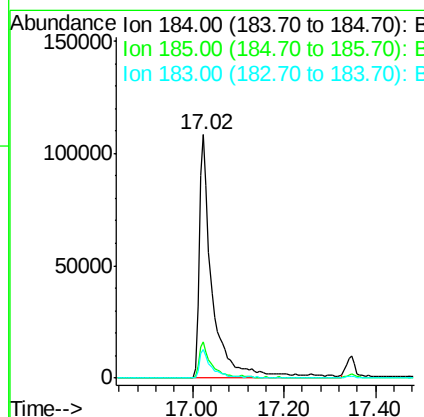
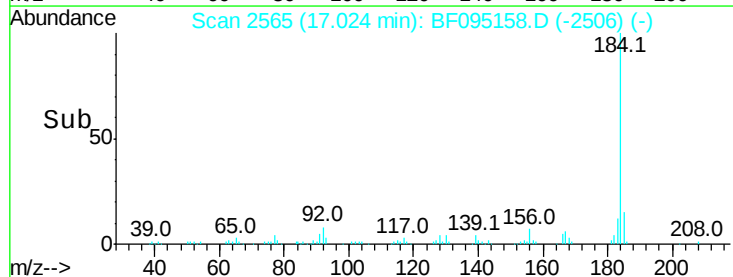
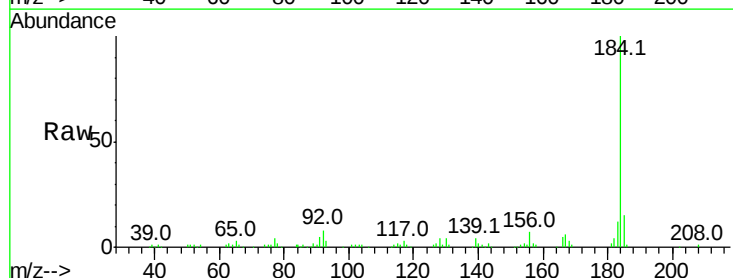
Manual Integrations
APPROVED

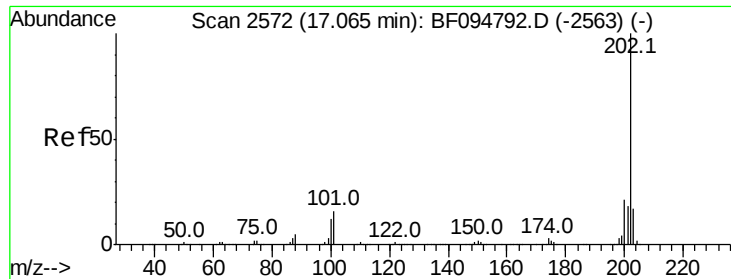
mohammad
5/17/2017 5:48:09 PM



#76
Benzidine
Concen: 31.99 ng m
RT: 17.02 min Scan# 2565
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	15.5	23.3#
183	11.6	9.8	14.6





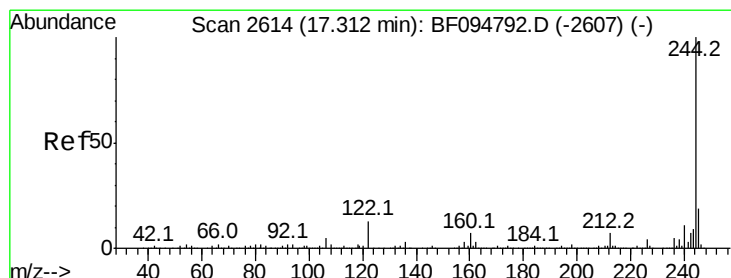
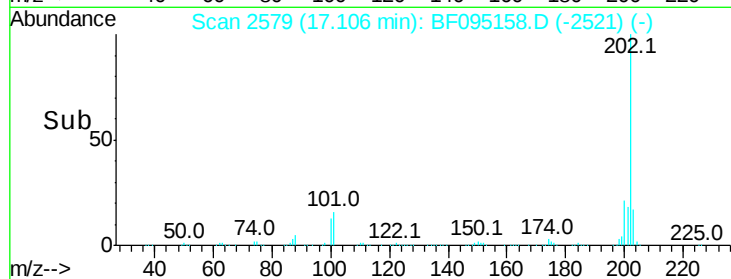
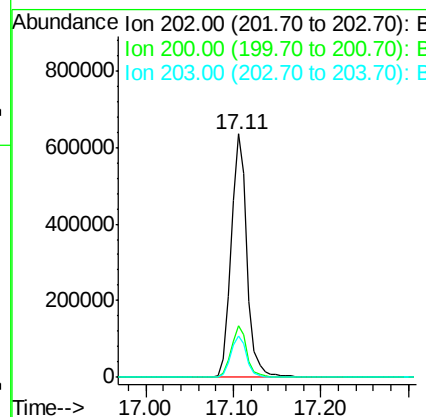
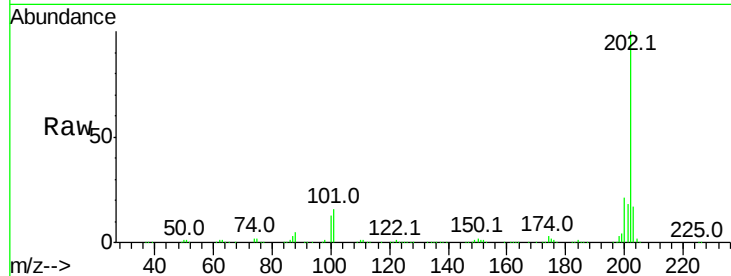
#77
Pvrene
Concen: 38.93 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.0	14.4	21.6

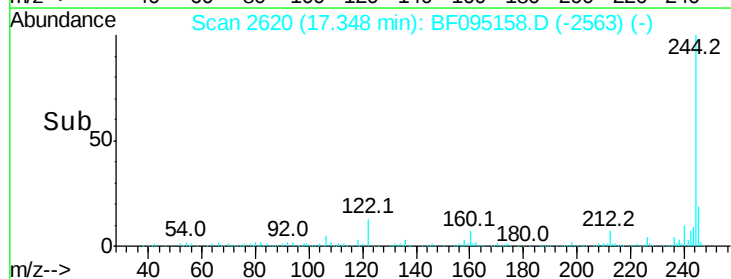
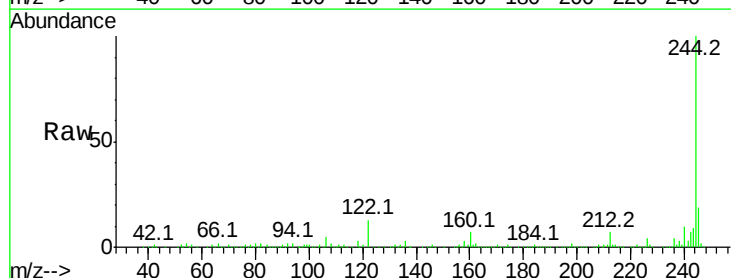
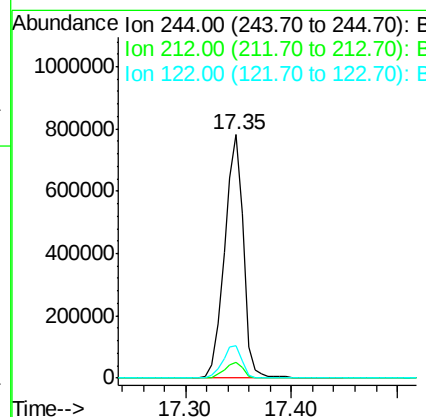
Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#78
Terphenyl-d14
Concen: 78.49 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.2	10.3	15.5





#79

Butylbenzylphthalate

Concen: 41.34 ng

RT: 18.01 min Scan# 2732

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

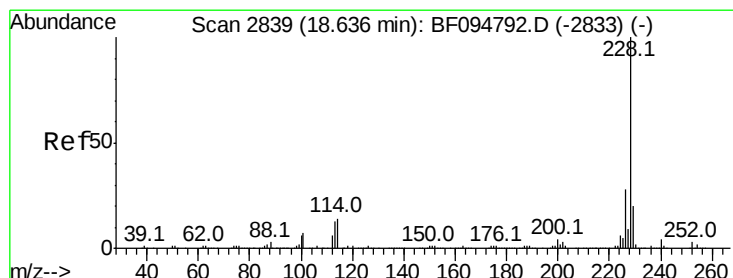
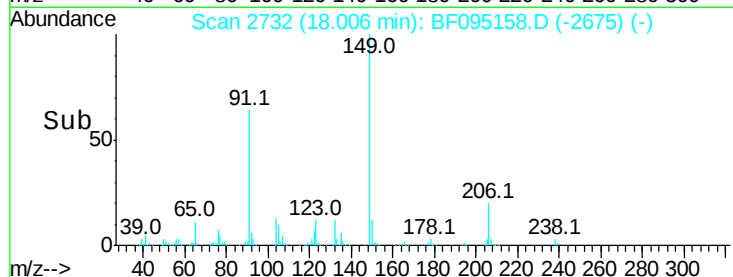
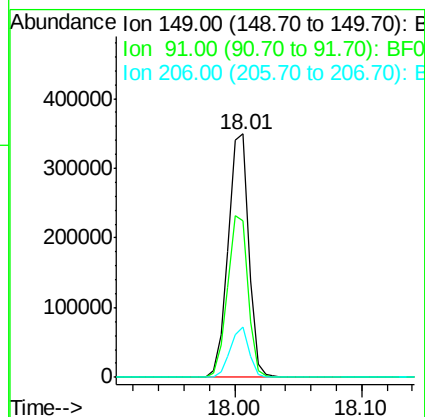
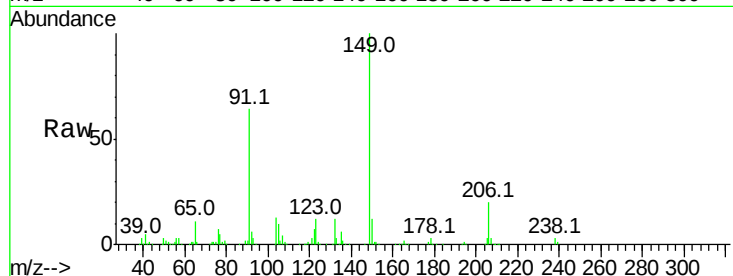
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	391469
Ion Ratio	Lower	Upper	
149	100		
91	64.4	45.0	67.4
206	20.4	17.0	25.6

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#80

Benzo(a)anthracene

Concen: 39.60 ng

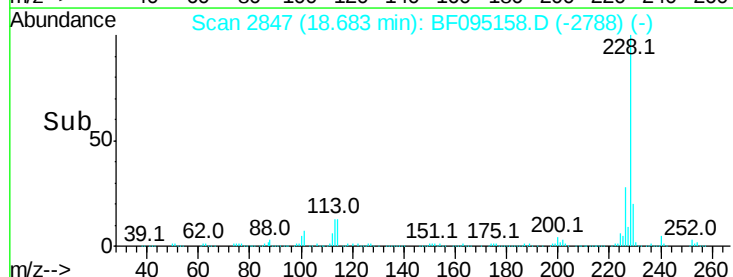
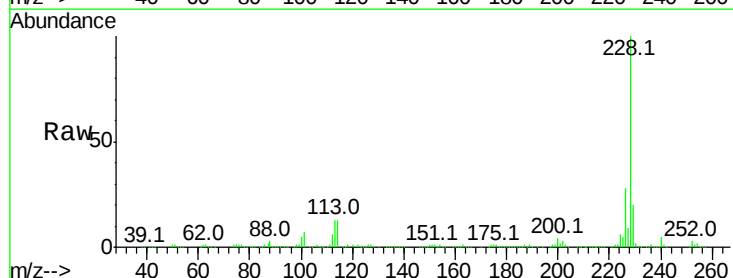
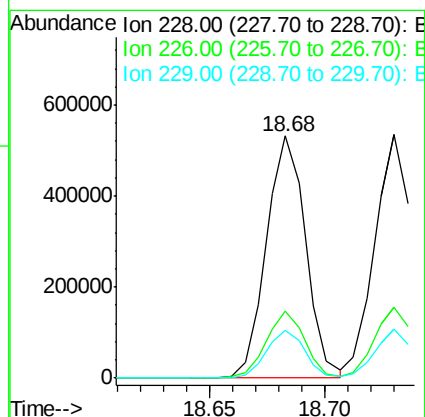
RT: 18.68 min Scan# 2847

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion:	228	Resp:	627340
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	20.0	16.3	24.5





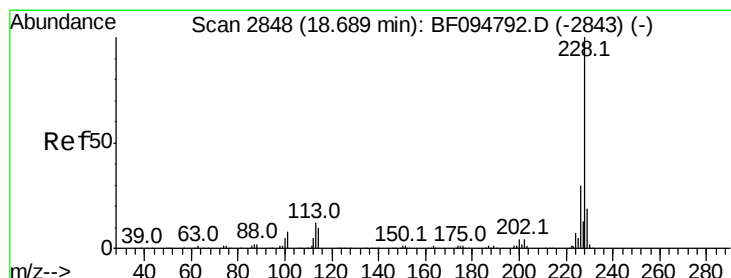
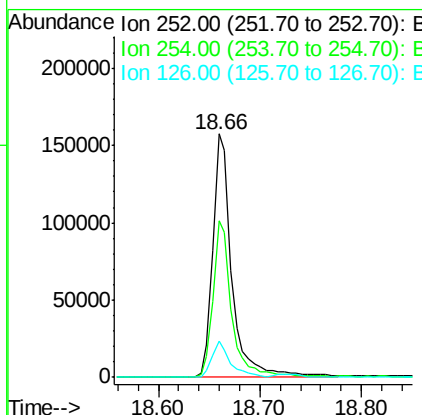
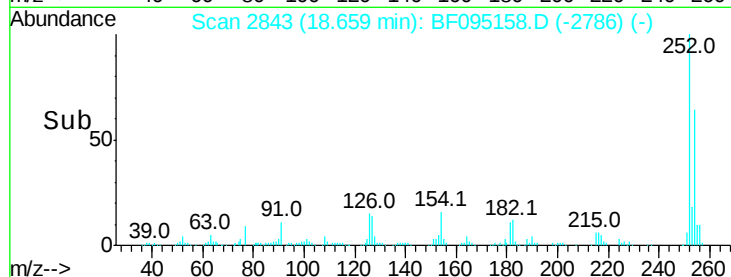
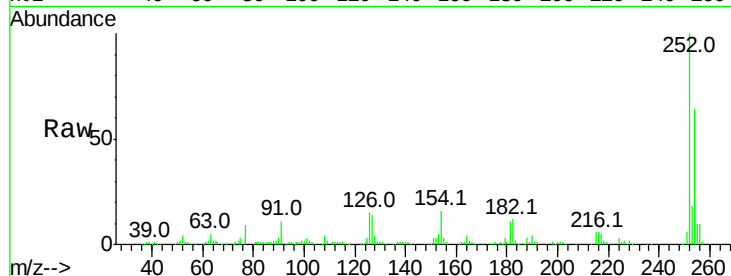
#81
 3,3'-Dichlorobenzidine
 Concen: 37.91 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	207450		
254	64.3	51.5	77.3	
126	14.8	15.8	23.8	

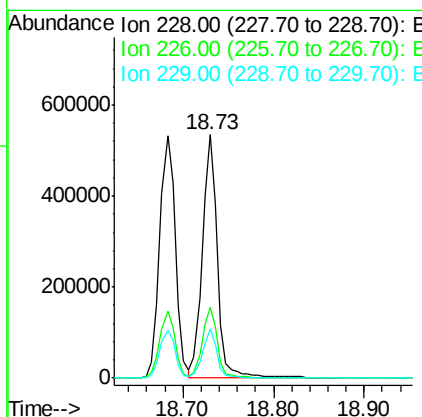
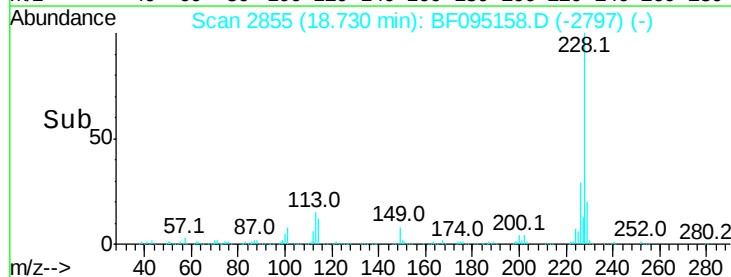
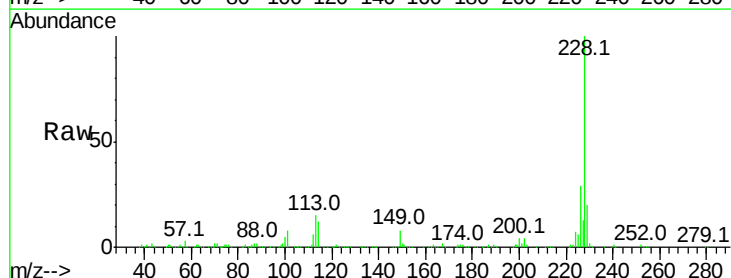
Manual Integrations
 APPROVED

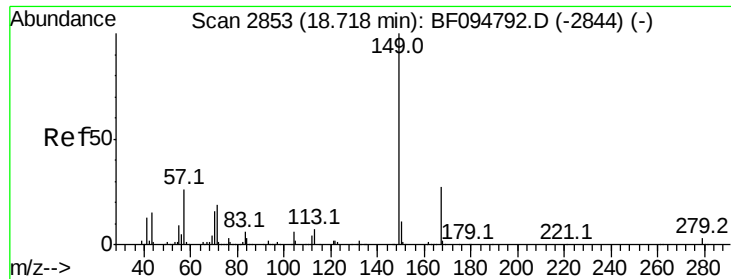
mohammad
 5/17/2017 5:48:09 PM



#82
 Chrysene
 Concen: 40.70 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	623483		
226	29.2	24.9	37.3	
229	20.0	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.70 ng

RT: 18.75 min Scan# 2858

Delta R.T. 0.03 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

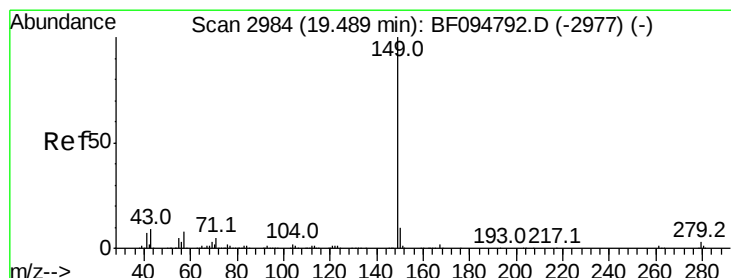
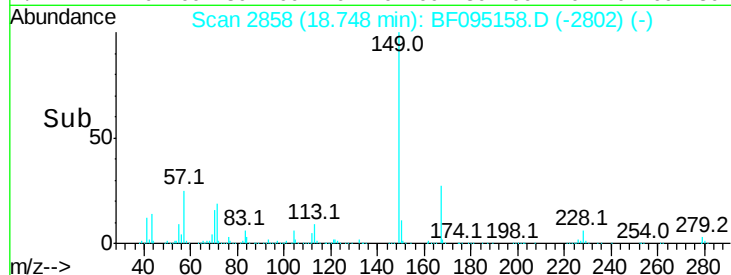
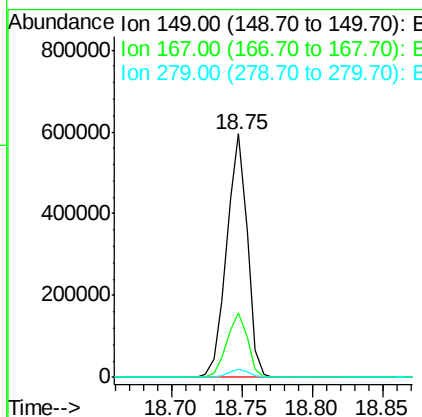
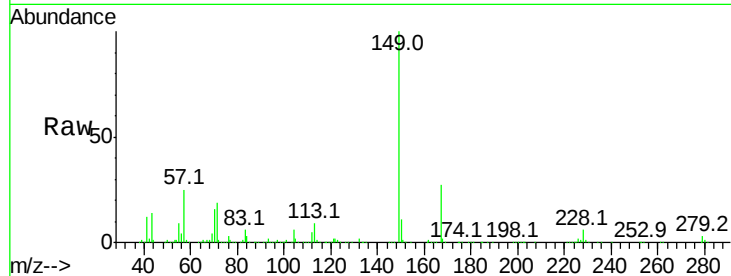
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	603100
Ion Ratio		Lower	Upper
149	100		
167	26.6	21.0	31.4
279	3.2	1.9	2.9#

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#84

Di-n-octyl phthalate

Concen: 46.36 ng

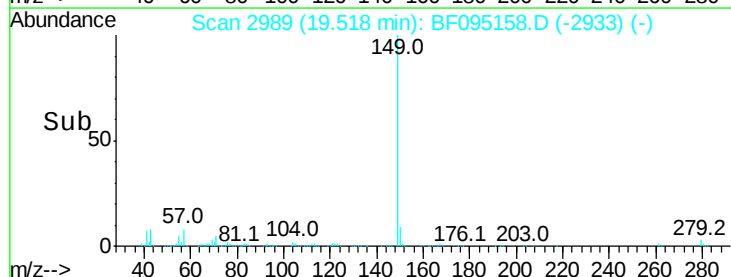
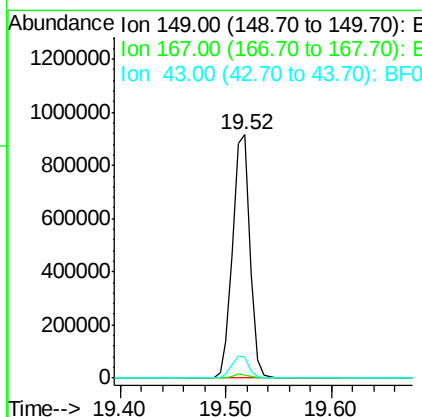
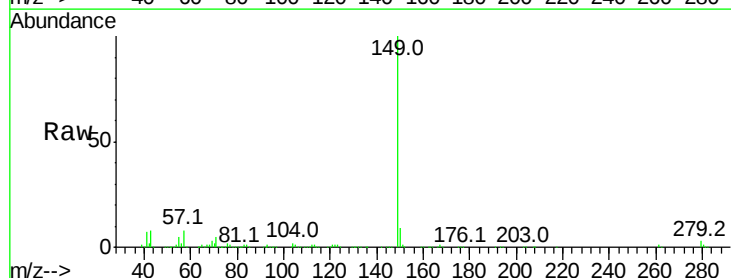
RT: 19.52 min Scan# 2989

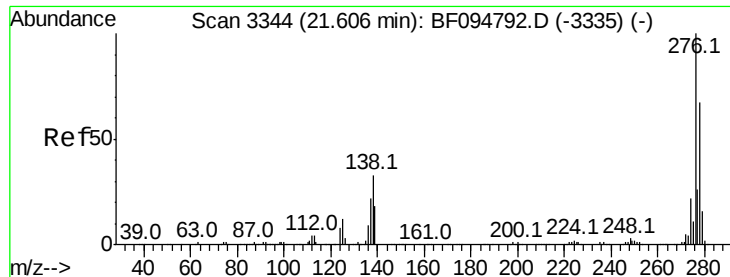
Delta R.T. 0.03 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion:	149	Resp:	1025488
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.63 ng

RT: 21.69 min Scan# 3359

Delta R.T. 0.09 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

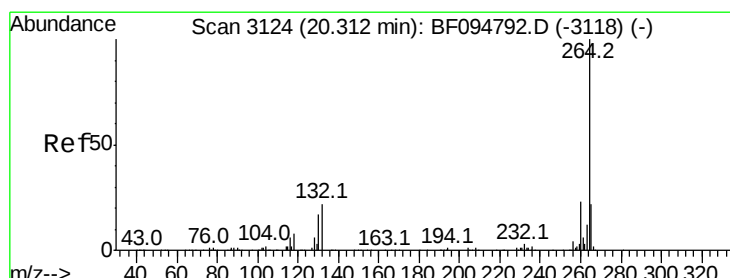
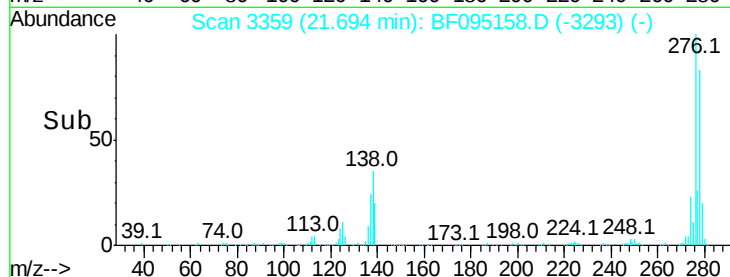
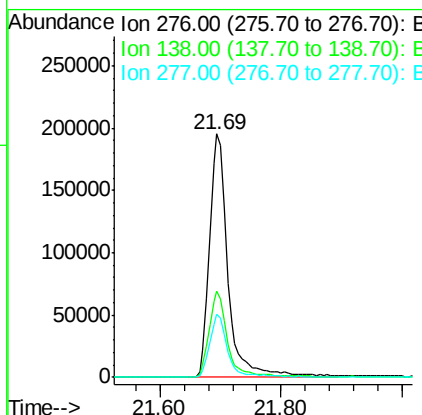
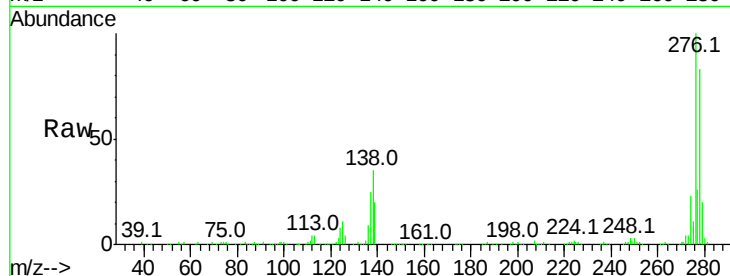
ClientSampleId :

SSTDCCC040

Tot Ion:	276	Resp:	418425
Ion Ratio	Lower	Upper	
276	100		
138	35.0	27.8	41.6
277	24.9	20.2	30.4

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#86

Perylene-d12

Concen: 20.00 ng

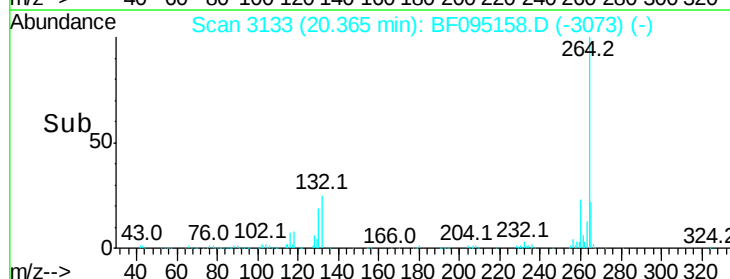
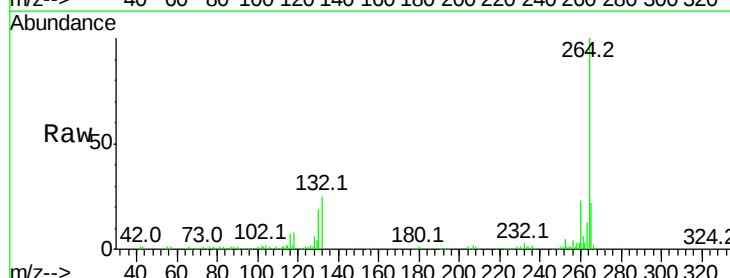
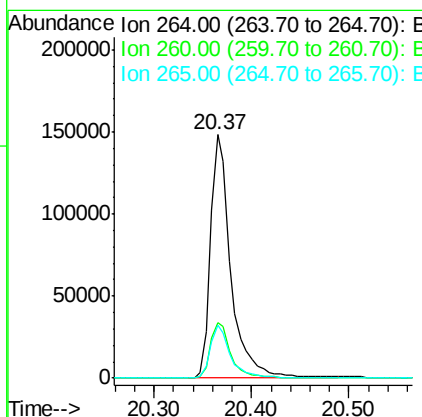
RT: 20.37 min Scan# 3133

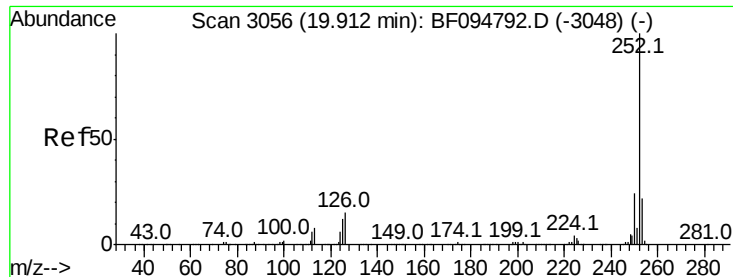
Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion:	264	Resp:	215276
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.47 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

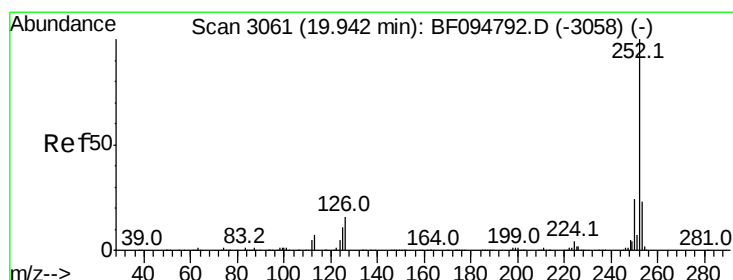
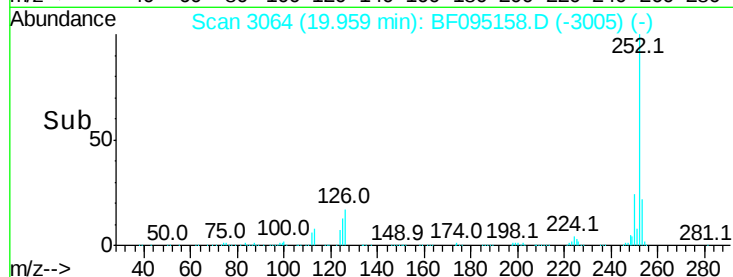
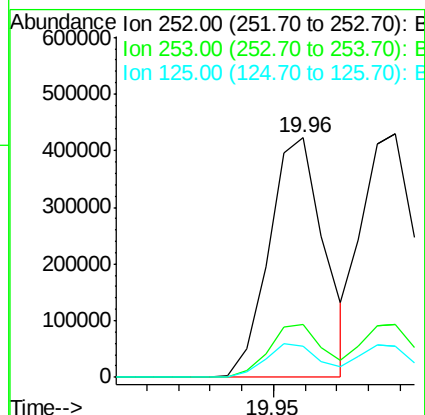
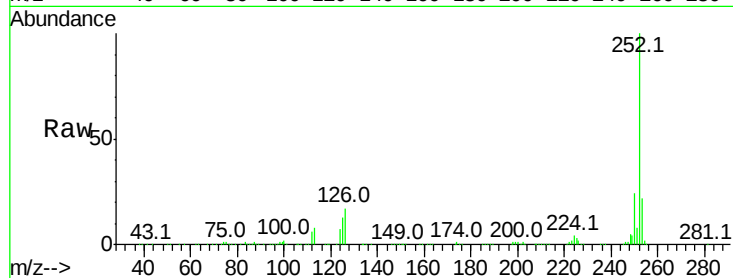
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.8	9.8	14.8

Manual Integrations
APPROVED

mohammad
5/17/2017 5:48:09 PM



#88

Benzo(k)fluoranthene

Concen: 43.97 ng

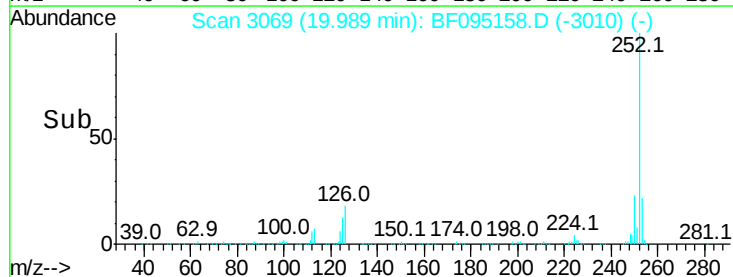
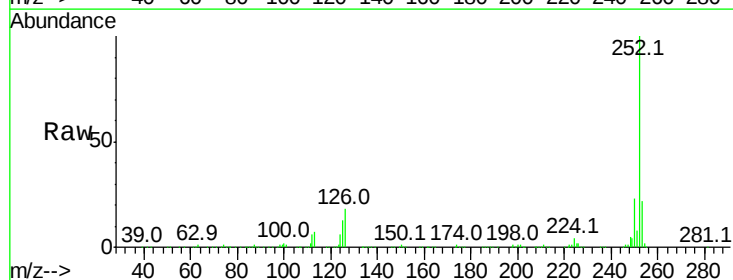
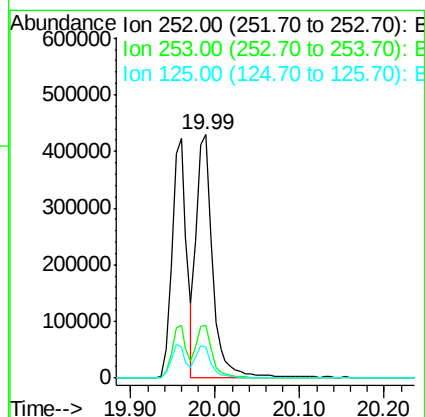
RT: 19.99 min Scan# 3069

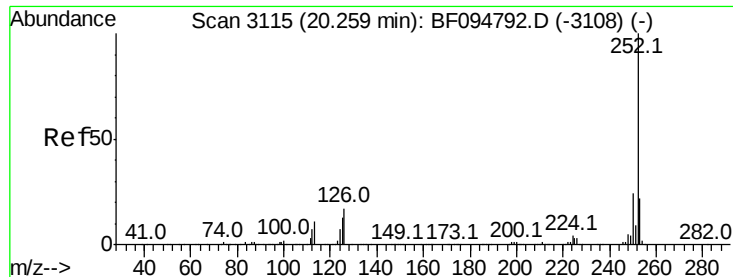
Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	12.6	13.1	19.7#





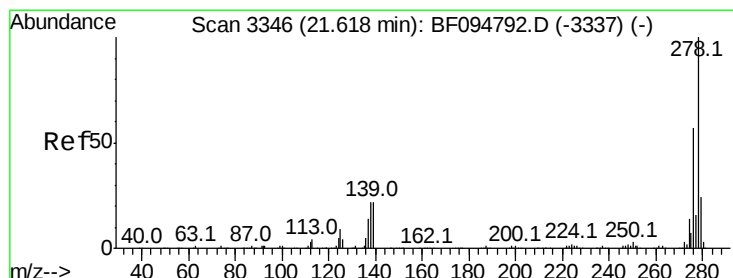
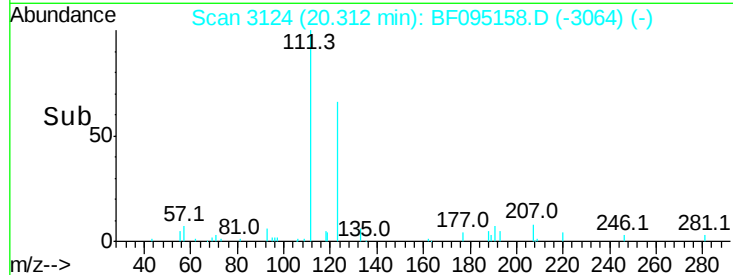
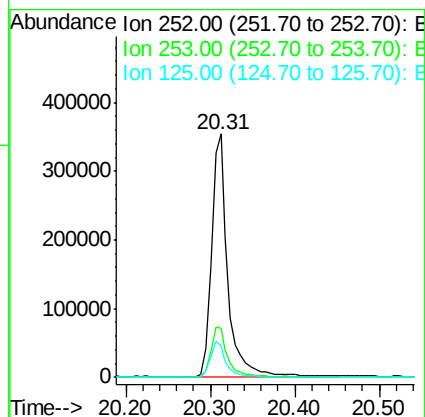
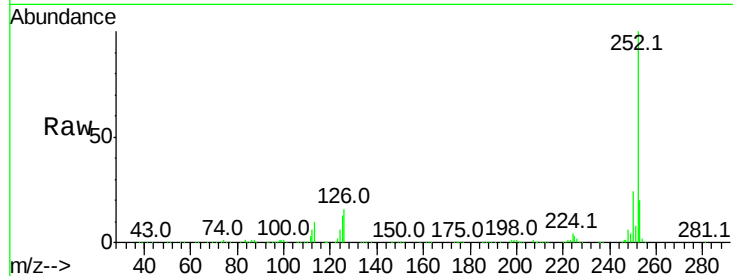
#89
Benzo(a)pyrene
Concen: 38.94 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.5	26.3
125	12.6	11.0	16.4

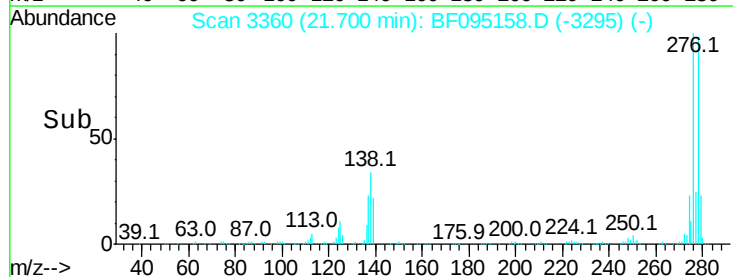
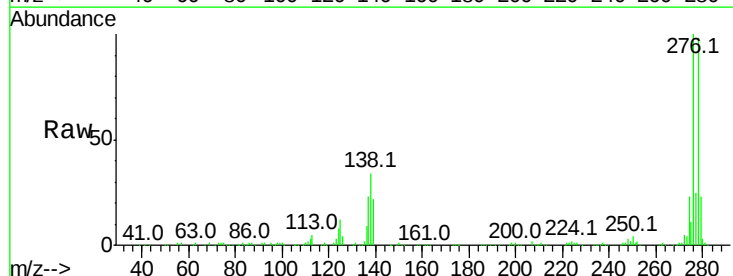
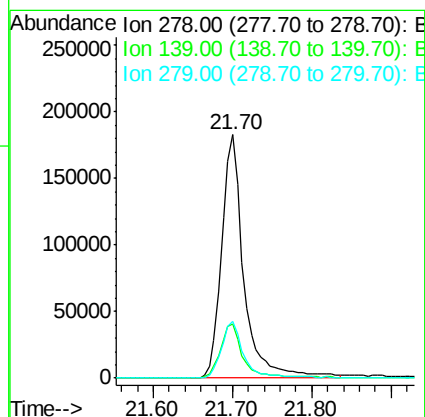
Manual Integrations
APPROVED

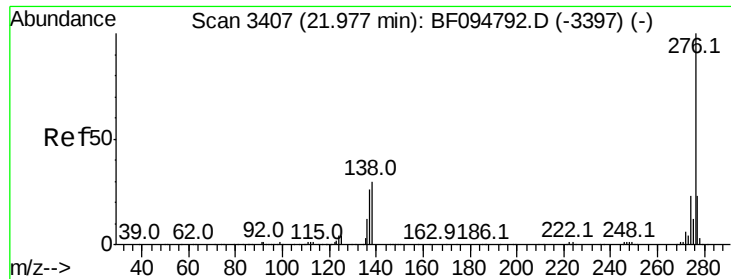
mohammad
5/17/2017 5:48:09 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.20 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	16.6	24.8
279	23.3	19.3	28.9





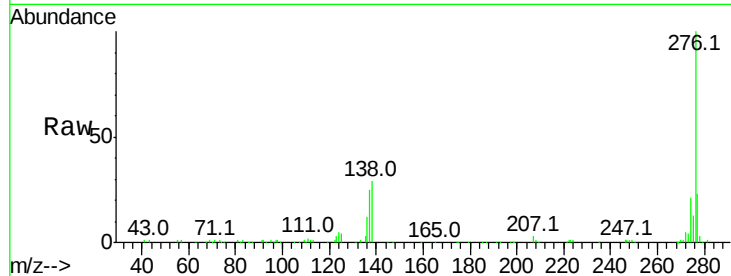
#91
 Benzo(a,h,i)perylene
 Concen: 34.65 ng
 RT: 22.08 min Scan# 3424
 Delta R.T. 0.10 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	344657
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.6	28.0
138	29.5	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:48:09 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

