

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
 Data File : BF095356.D
 Acq On : 23 May 2017 17:49
 Operator : SJ/MA
 Sample : I3244-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Manual Integrations
 APPROVED

mohammad
 5/24/2017 4:43:17 PM

Quant Time: May 24 02:54:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	108159	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	446634	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	204243	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	343451	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	191134	20.00	ng	-0.01
86) Perylene-d12	20.36	264	190230	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.73	112	943279	145.40	ng	0.00
7) Phenol-d6	7.31	99	1086771	139.62	ng	0.00
23) Nitrobenzene-d5	8.67	82	674112	95.18	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	230121	137.58	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1253489	88.34	ng	-0.01
78) Terphenyl-d14	17.33	244	901154	103.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	108846	34.21	ng	97
3) Pyridine	2.98	79	260826	35.37	ng	97
4) n-Nitrosodimethylamine	2.90	42	114925	37.39	ng	# 77
6) Aniline	7.27	93	387621	39.45	ng	96
8) 2-Chlorophenol	7.45	128	348731	47.23	ng	97
9) Benzaldehyde	7.10	77	95827	20.16	ng	96
10) Phenol	7.32	94	392531	47.86	ng	90
11) bis(2-Chloroethyl)ether	7.40	93	305046	45.05	ng	98
12) 1,3-Dichlorobenzene	7.66	146	360942	43.09	ng	98
13) 1,4-Dichlorobenzene	7.78	146	373665	43.99	ng	97
14) 1,2-Dichlorobenzene	8.02	146	352155	44.41	ng	96
15) Benzyl Alcohol	8.05	79	282213	56.37	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	407940	42.56	ng	86
17) 2-Methylphenol	8.25	107	283487	46.91	ng	95
18) Hexachloroethane	8.53	117	119032	41.37	ng	88
19) n-Nitroso-di-n-propylamine	8.47	70	240964	45.77	ng	95
20) 3+4-Methylphenols	8.51	107	381511	46.46	ng	# 57
22) Acetophenone	8.44	105	491186	45.84	ng	# 84
24) Nitrobenzene	8.70	77	345698	46.56	ng	91
25) Isophorone	9.10	82	626249	49.52	ng	95
26) 2-Nitrophenol	9.20	139	196408	49.03	ng	96
27) 2,4-Dimethylphenol	9.33	122	314117	48.50	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	403875	46.16	ng	99
29) 2,4-Dichlorophenol	9.62	162	290575	47.51	ng	98
30) 1,2,4-Trichlorobenzene	9.70	180	263176	40.17	ng	97
31) Naphthalene	9.81	128	993439	44.26	ng	99
32) Benzoic acid	9.62	122	53005	16.23	ng	91
33) 4-Chloroaniline	9.97	127	174457	20.85	ng	# 91
34) Hexachlorobutadiene	10.02	225	143274	41.44	ng	98
35) Caprolactam	10.59	113	80805m	44.00	ng	
36) 4-Chloro-3-methylphenol	10.81	107	315326	48.23	ng	90
37) 2-Methylnaphthalene	10.93	142	694988	47.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	271290	43.19	ng	99
40) Hexachlorocyclopentadiene	11.18	237	107159	43.57	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
 Data File : BF095356.D
 Acq On : 23 May 2017 17:49
 Operator : SJ/MA
 Sample : I3244-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

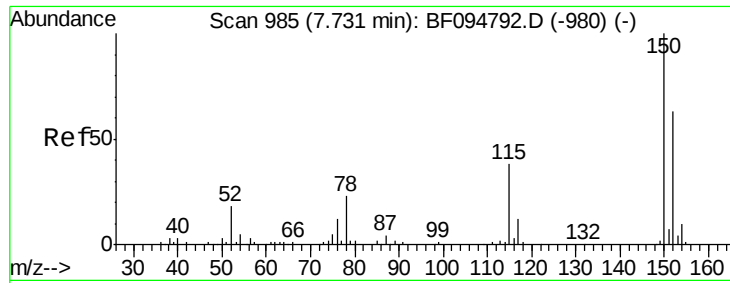
Manual Integrations
 APPROVED

mohammad
 5/24/2017 4:43:17 PM

Quant Time: May 24 02:54:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	198248	47.27	ng	98
43) 2,4,5-Trichlorophenol	11.54	196	179445	39.81	ng	95
45) 1,1'-Biphenyl	11.70	154	784506	45.62	ng	98
46) 2-Chloronaphthalene	11.72	162	609413	43.89	ng	97
47) 2-Nitroaniline	11.94	65	168333	44.29	ng	# 80
48) Acenaphthylene	12.38	152	961007	44.19	ng	99
49) Dimethylphthalate	12.25	163	948501	56.57	ng	99
50) 2,6-Dinitrotoluene	12.35	165	160768	47.00	ng	95
51) Acenaphthene	12.66	154	564683	43.47	ng	99
52) 3-Nitroaniline	12.62	138	114918	31.30	ng	90
53) 2,4-Dinitrophenol	12.84	184	72735	41.84	ng	# 66
54) Dibenzofuran	12.95	168	871086	48.46	ng	97
55) 4-Nitrophenol	13.02	139	160966	73.00	ng	# 75
56) 2,4-Dinitrotoluene	13.02	165	216165	49.18	ng	# 91
57) Fluorene	13.50	166	684494	43.79	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	140382	49.49	ng	# 95
59) Diethylphthalate	13.39	149	690177	42.95	ng	98
60) 4-Chlorophenyl-phenylether	13.52	204	299612	43.61	ng	89
61) 4-Nitroaniline	13.63	138	123904	36.76	ng	94
62) Azobenzene	13.78	77	647521	50.14	ng	92
64) 4,6-Dinitro-2-methylphenol	13.69	198	91076	39.56	ng	# 68
65) n-Nitrosodiphenylamine	13.73	169	592938	47.57	ng	98
66) 4-Bromophenyl-phenylether	14.31	248	161747	44.58	ng	100
67) Hexachlorobenzene	14.40	284	160063	43.04	ng	# 91
68) Atrazine	14.65	200	173161	49.20	ng	96
69) Pentachlorophenol	14.75	266	114609	69.03	ng	98
70) Phenanthrene	15.05	178	901131	45.66	ng	98
71) Anthracene	15.13	178	925392	45.91	ng	98
72) Carbazole	15.41	167	829470	45.23	ng	98
73) Di-n-butylphthalate	15.97	149	1062911	46.47	ng	98
74) Fluoranthene	16.79	202	816273	40.32	ng	99
76) Benzidine	17.02	184	211129	41.83	ng	# 93
77) Pyrene	17.09	202	790620	55.31	ng	98
79) Butylbenzylphthalate	17.99	149	361212	54.33	ng	91
80) Benzo(a)anthracene	18.67	228	498529	44.82	ng	98
81) 3,3'-Dichlorobenzidine	18.65	252	133490	34.75	ng	# 96
82) Chrysene	18.71	228	477971	44.44	ng	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	485735	51.27	ng	# 98
84) Di-n-octyl phthalate	19.50	149	724918	46.67	ng	95
85) Indeno(1,2,3-cd)pyrene	21.69	276	562492	64.40	ng	100
87) Benzo(b)fluoranthene	19.95	252	462475	39.34	ng	98
88) Benzo(k)fluoranthene	19.98	252	517661	45.66	ng	96
89) Benzo(a)pyrene	20.30	252	491061	45.27	ng	98
90) Dibenzo(a,h)anthracene	21.69	278	456841	51.00	ng	97
91) Benzo(g,h,i)perylene	22.07	276	465013	52.90	ng	99

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



#1

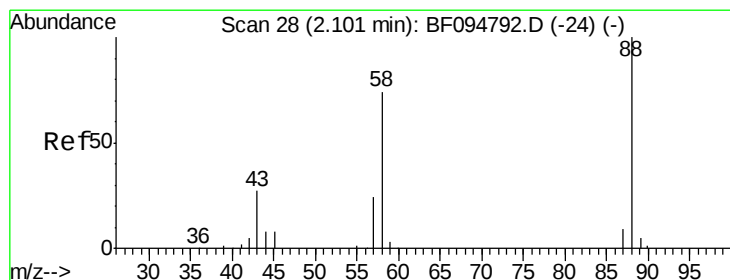
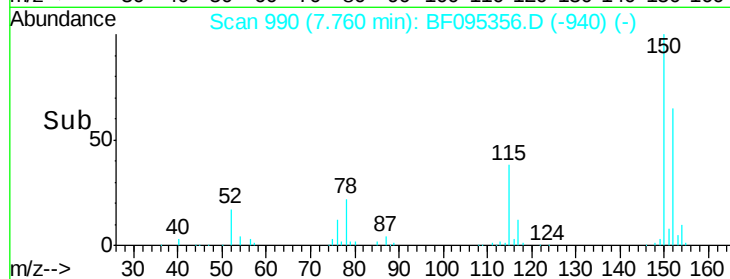
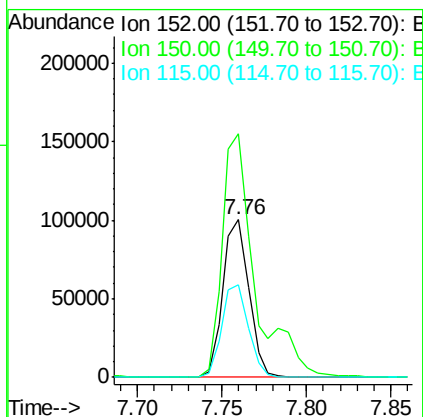
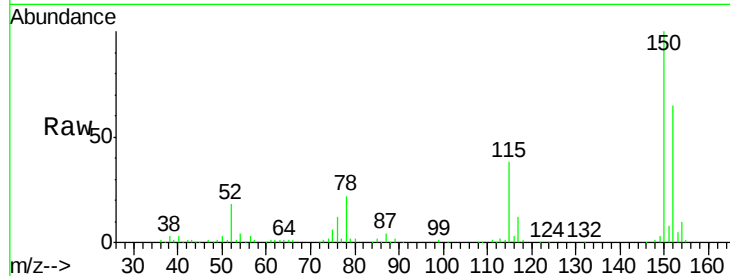
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	59.0	52.2	78.2

Manual Integrations
APPROVED

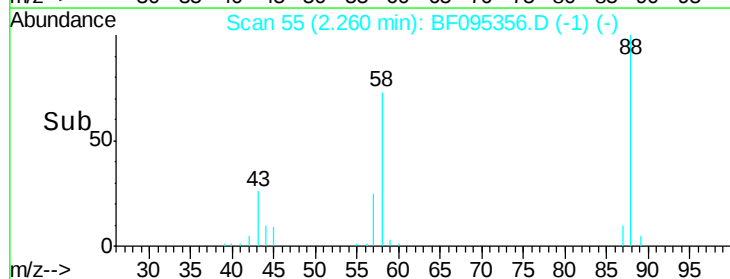
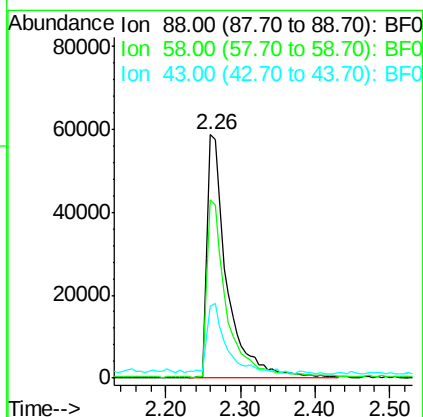
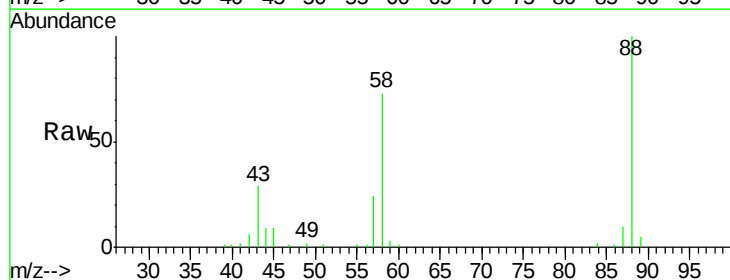
mohammad
5/24/2017 4:43:17 PM

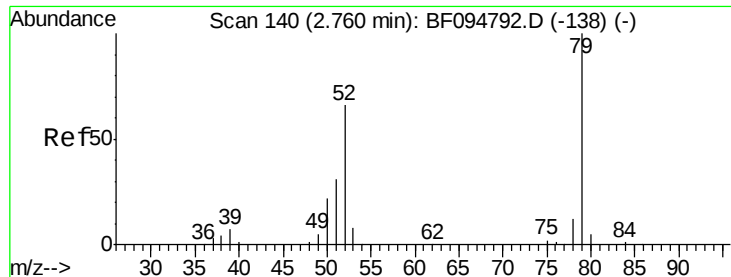


#2

1,4-Dioxane
Concen: 34.21 ng
RT: 2.26 min Scan# 55
Delta R.T. 0.03 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.4	61.4	92.0
43	24.7	23.4	35.0





#3

Pyridine

Concen: 35.37 ng

RT: 2.98 min Scan# 177

Delta R.T. 0.05 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

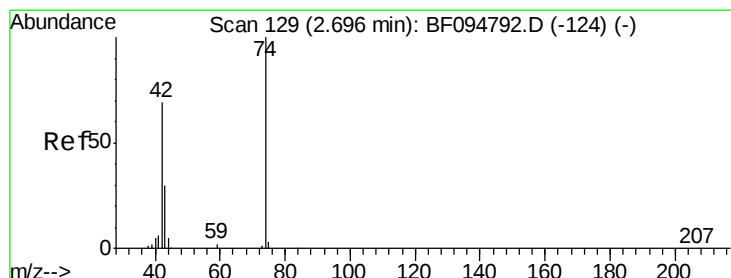
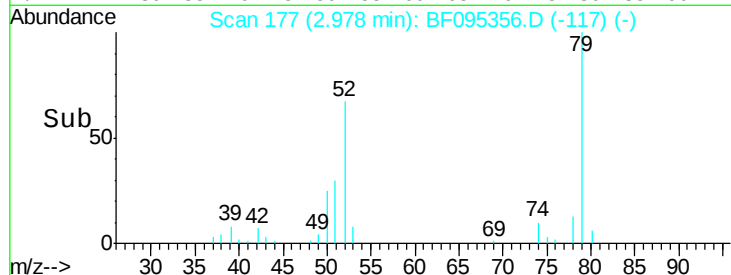
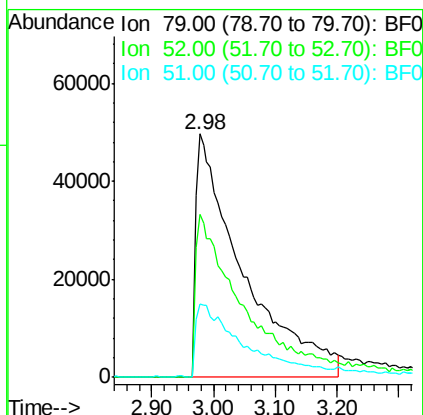
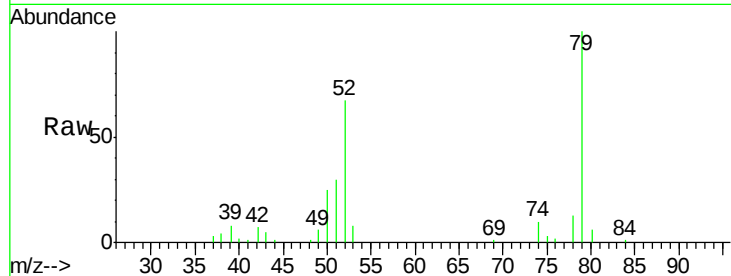
ClientSampleId :

NM4-COMP-6-18MS

Tgt Ion:	79	Resp:	260826
Ion	Ratio	Lower	Upper
79	100		
52	66.9	54.8	82.2
51	30.3	27.0	40.4

Manual Integrations
APPROVED

mohammad
5/24/2017 4:43:17 PM



#4

n-Nitrosodimethylamine

Concen: 37.39 ng

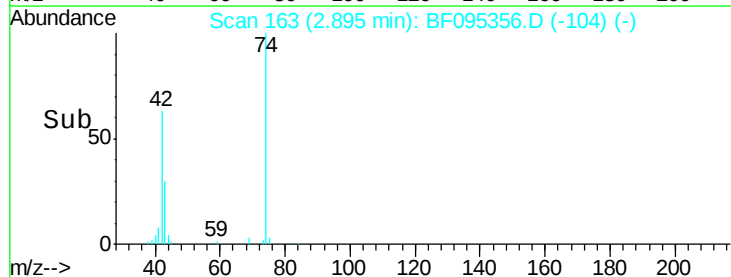
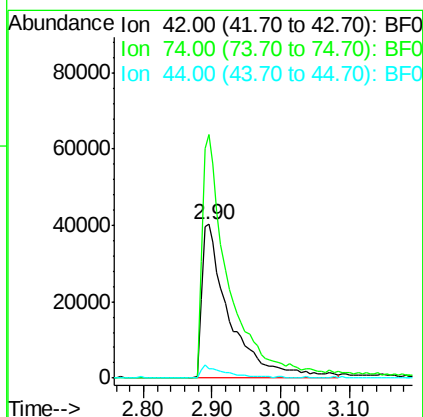
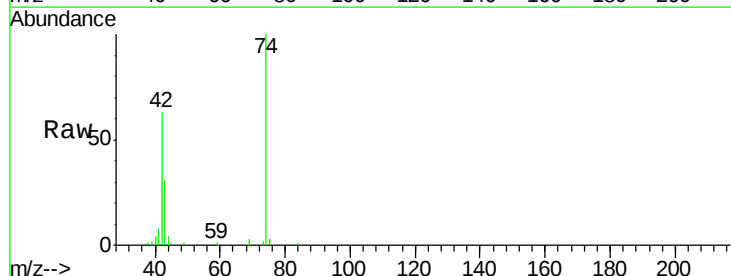
RT: 2.90 min Scan# 163

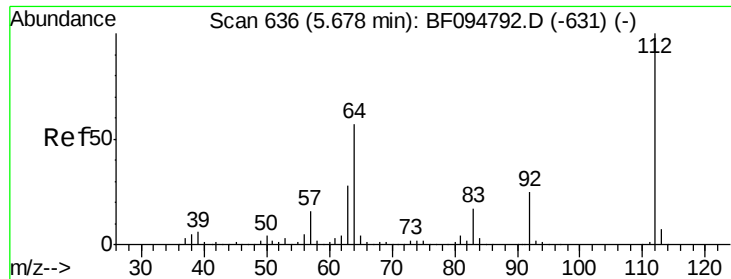
Delta R.T. 0.05 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Tgt Ion:	42	Resp:	114925
Ion	Ratio	Lower	Upper
42	100		
74	158.5	103.9	155.9#
44	6.5	5.7	8.5





#5

2-Fluorophenol

Concen: 145.40 ng

RT: 5.73 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

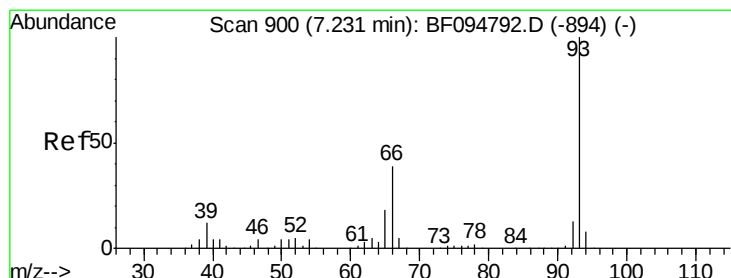
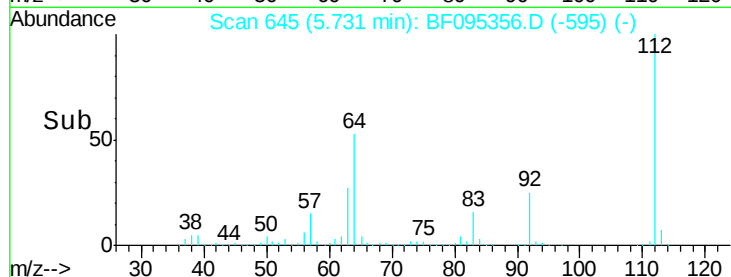
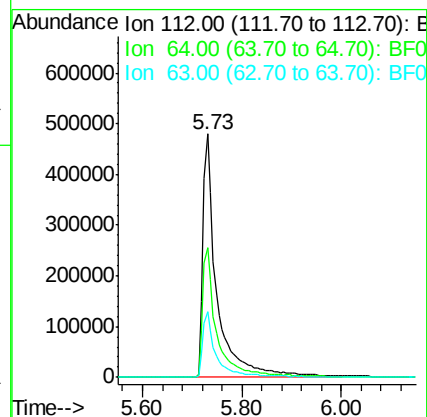
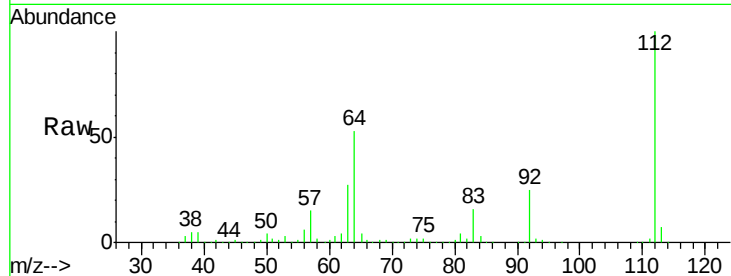
ClientSampleId :

NM4-COMP-6-18MS

Tgt Ion:	112	Resp:	943279
Ion Ratio	Lower	Upper	
112	100		
64	53.5	46.0	69.0
63	26.9	23.4	35.0

Manual Integrations
APPROVED

mohammad
5/24/2017 4:43:17 PM



#6

Aniline

Concen: 39.45 ng

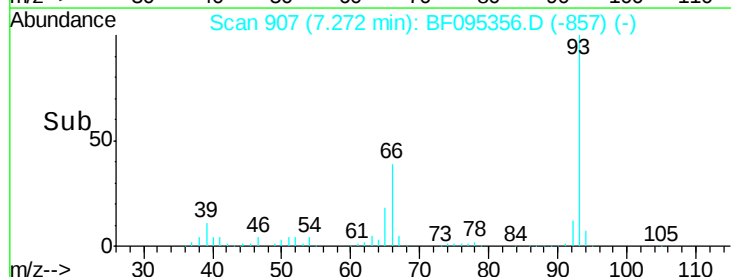
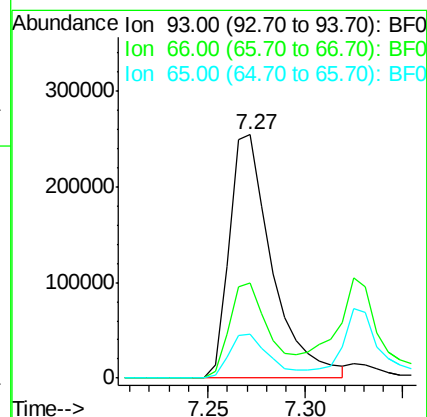
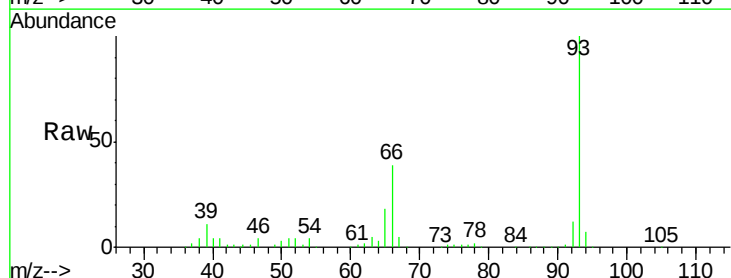
RT: 7.27 min Scan# 907

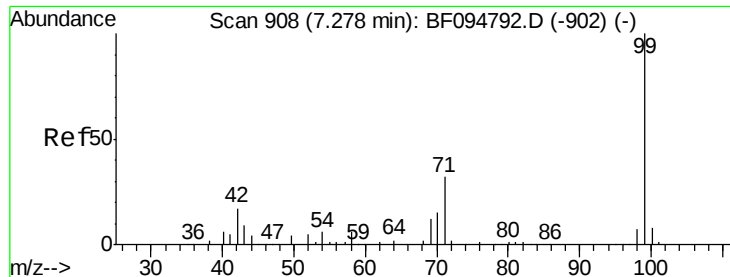
Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Tgt Ion:	93	Resp:	387621
Ion Ratio	Lower	Upper	
93	100		
66	39.1	32.9	49.3
65	18.1	16.0	24.0





#7

Phenol-d6

Concen: 139.62 ng

RT: 7.31 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

NM4-COMP-6-18MS

Tgt Ion: 99 Resp: 1086771

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

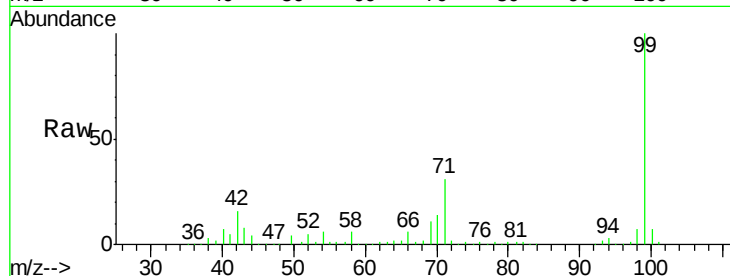
71 31.5 24.5 36.7

Manual Integrations

APPROVED

mohammad

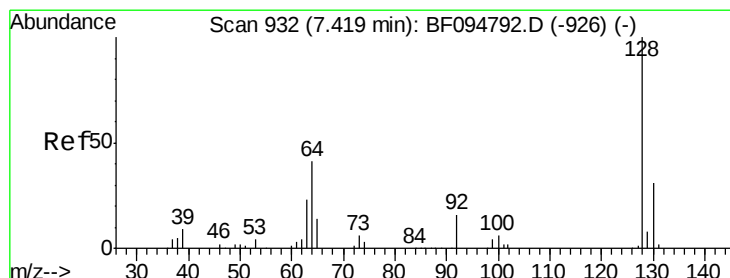
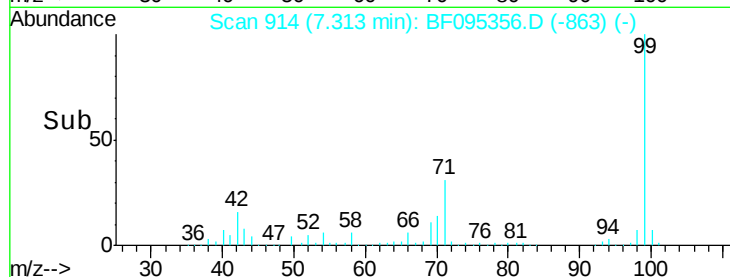
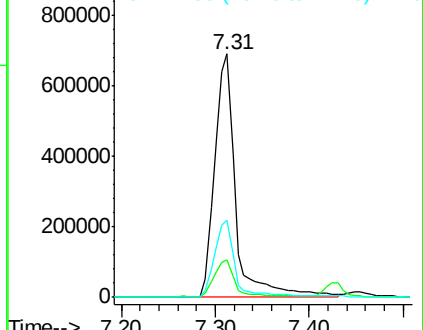
5/24/2017 4:43:17 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.23 ng

RT: 7.45 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

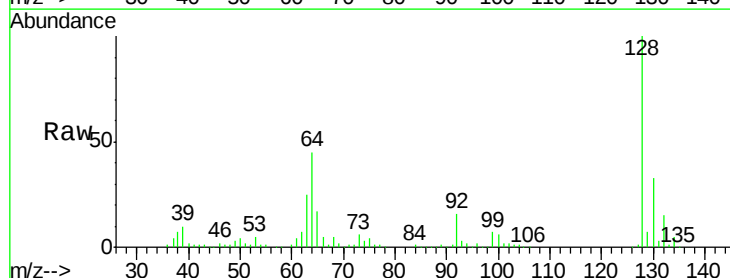
Tgt Ion: 128 Resp: 348731

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

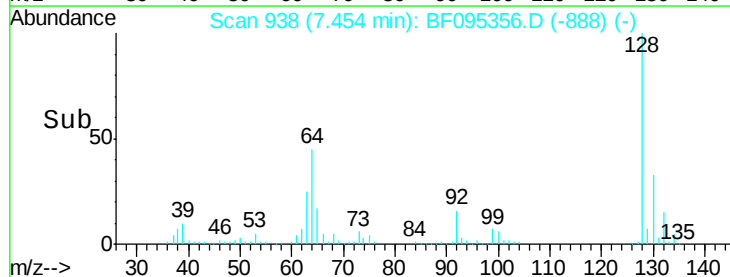
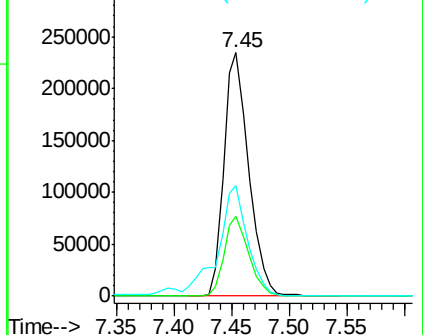
64 45.3 28.4 68.4

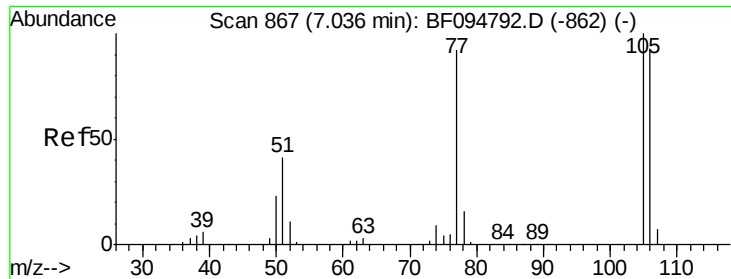


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.16 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

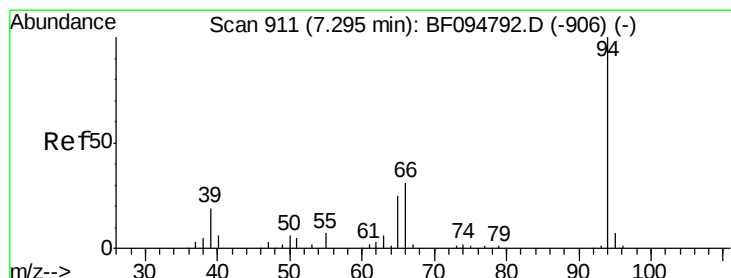
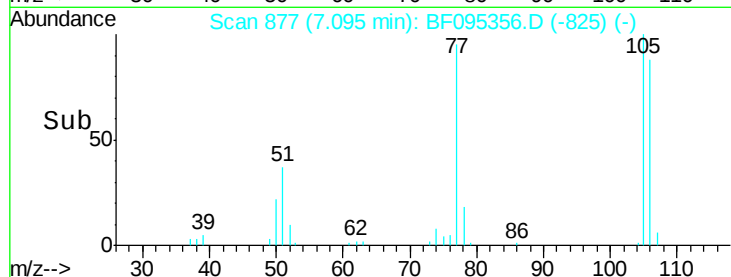
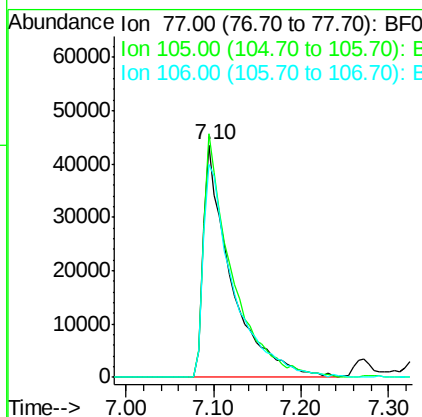
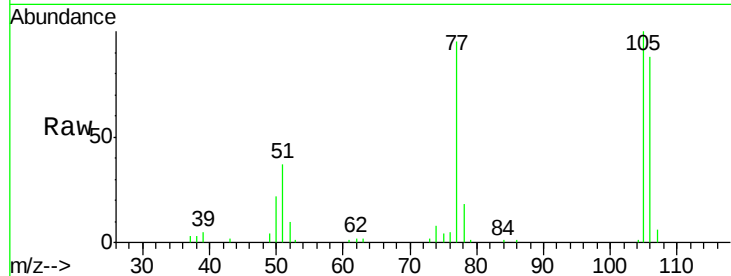
ClientSampleId :

NM4-COMP-6-18MS

Tgt Ion:	77	Resp:	95827
Ion	Ratio	Lower	Upper
77	100		
105	104.9	83.8	123.8
106	92.0	79.1	119.1

Manual Integrations
APPROVED

mohammad
5/24/2017 4:43:17 PM



#10

Phenol

Concen: 47.86 ng

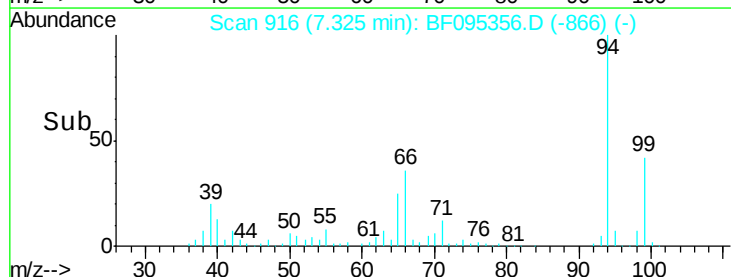
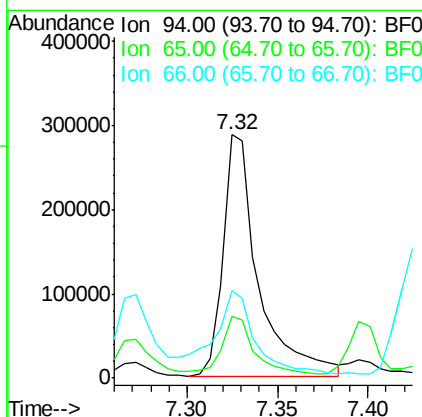
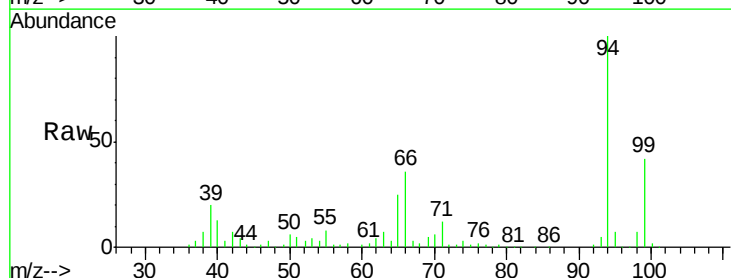
RT: 7.32 min Scan# 916

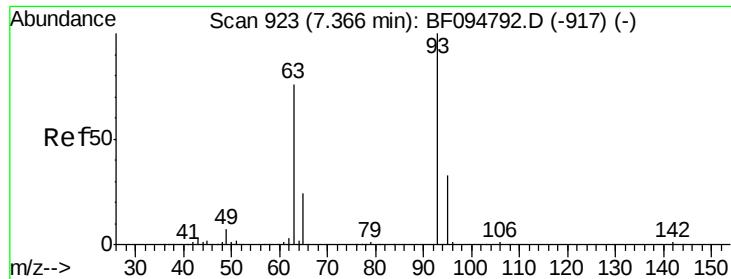
Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Tgt Ion:	94	Resp:	392531
Ion	Ratio	Lower	Upper
94	100		
65	25.2	9.9	49.9
66	36.1	23.1	63.1





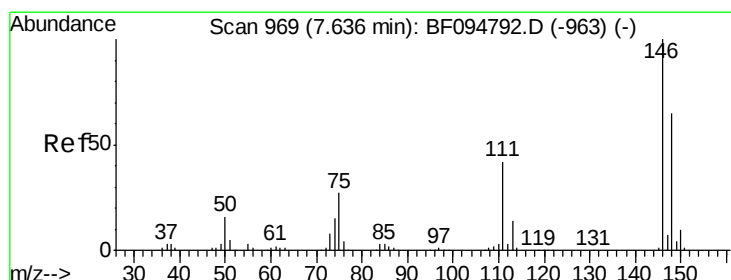
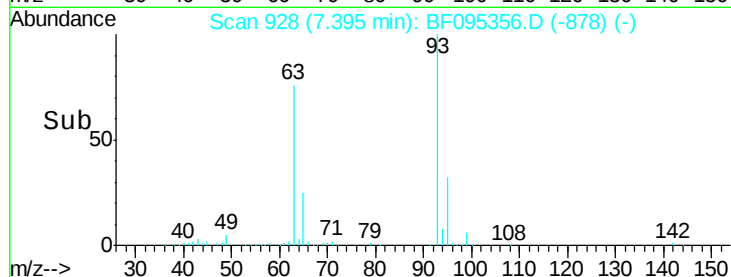
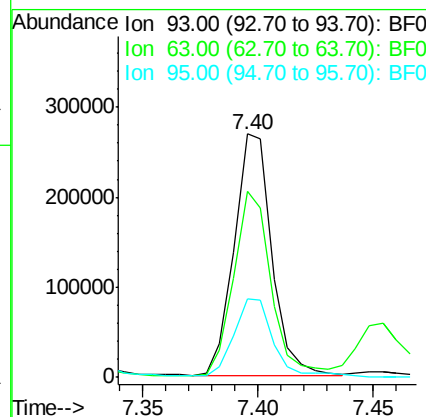
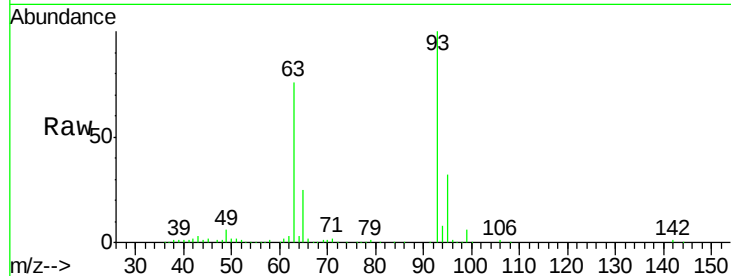
#11
bis(2-Chloroethyl)ether
Concen: 45.05 ng
RT: 7.40 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion:	93	Resp:	305046
Ion	Ratio	Lower	Upper
93	100		
63	76.3	59.2	99.2
95	32.5	12.8	52.8

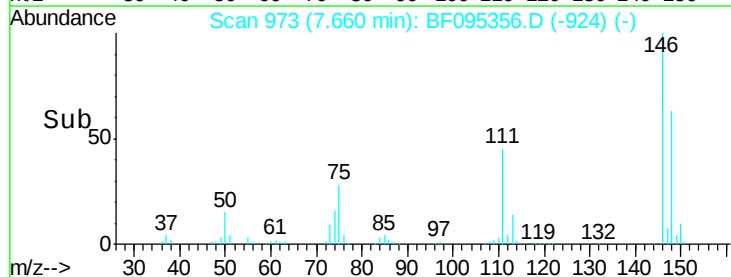
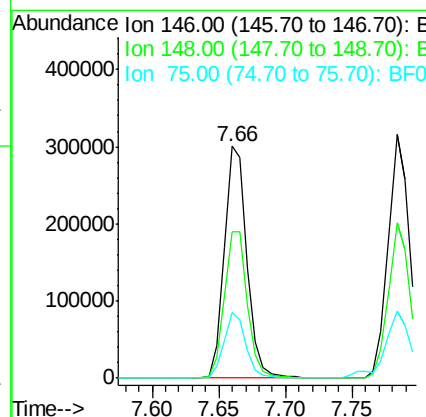
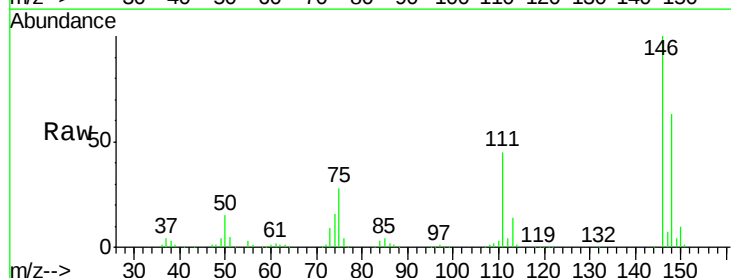
Manual Integrations
APPROVED

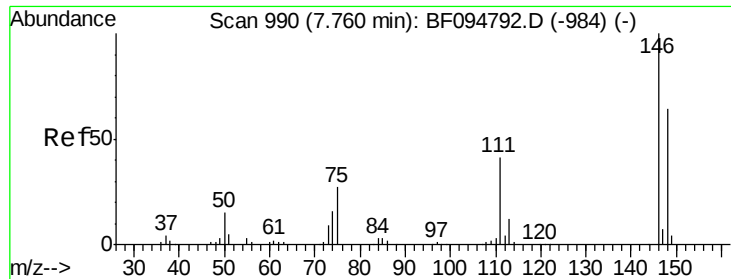
mohammad
5/24/2017 4:43:17 PM



#12
1,3-Dichlorobenzene
Concen: 43.09 ng
RT: 7.66 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion:	146	Resp:	360942
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
75	28.4	23.1	34.7





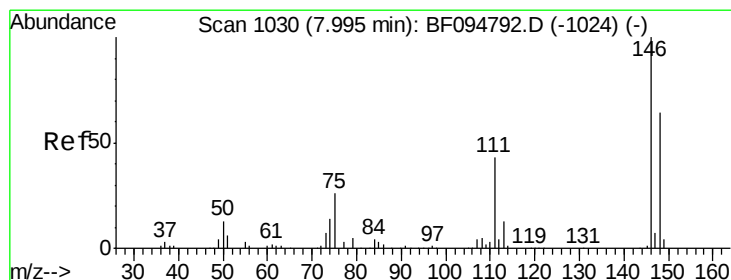
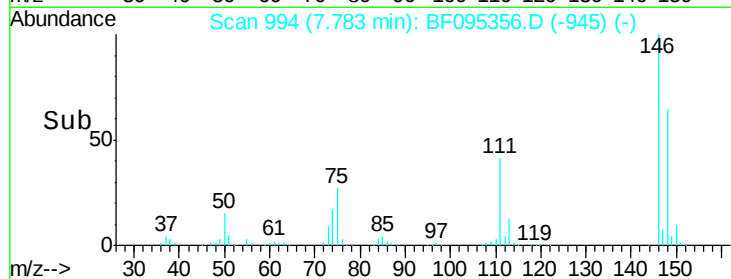
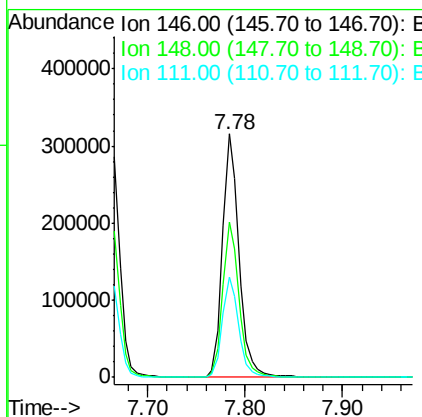
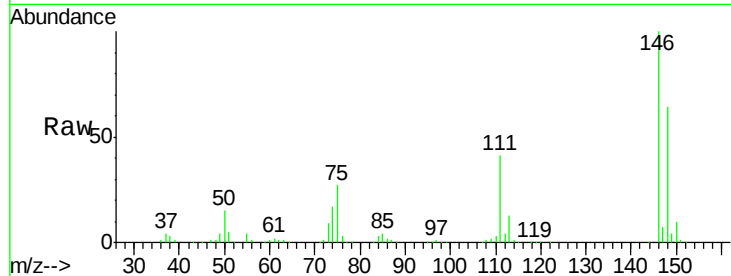
#13
 1,4-Dichlorobenzene
 Concen: 43.99 ng
 RT: 7.78 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	41.2	30.3	45.5

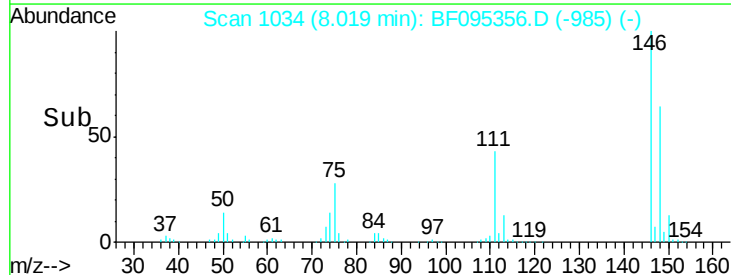
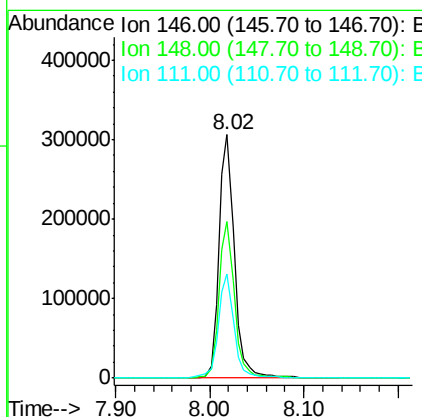
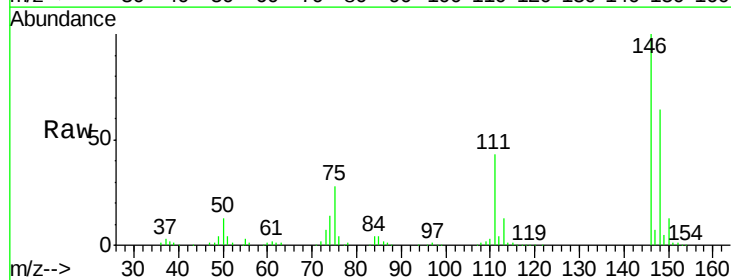
Manual Integrations
 APPROVED

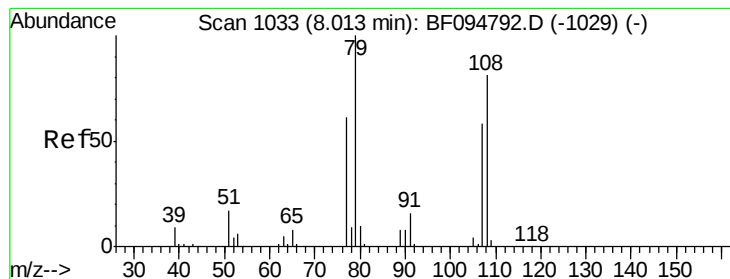
mohammad
 5/24/2017 4:43:17 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.41 ng
 RT: 8.02 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.4	75.6
111	42.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 56.37 ng

RT: 8.05 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

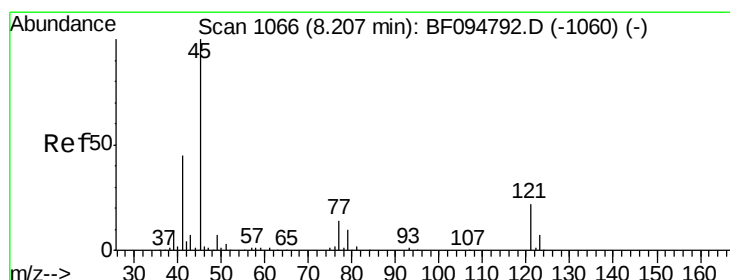
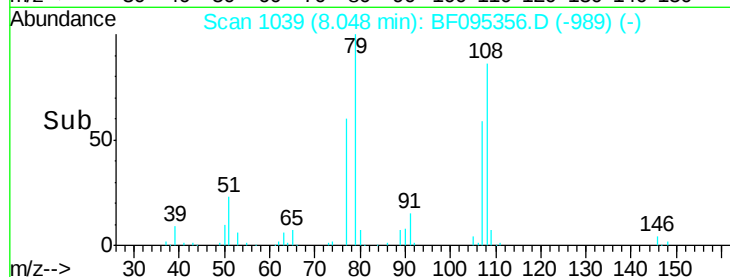
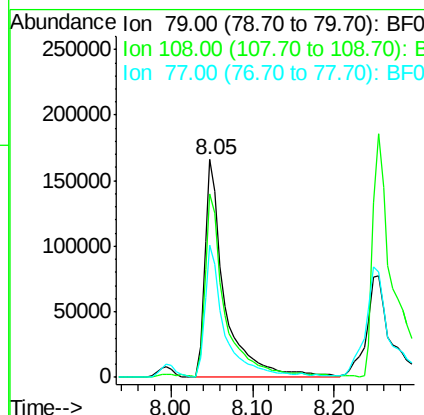
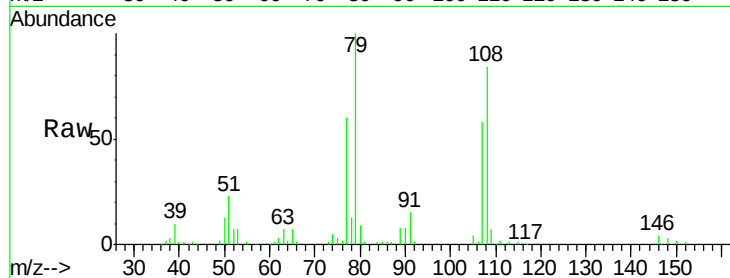
ClientSampleId :

NM4-COMP-6-18MS

Tgt Ion:	79	Resp:	282213
Ion	Ratio	Lower	Upper
79	100		
108	84.4	63.4	95.0
77	60.5	49.2	73.8

Manual Integrations
APPROVED

mohammad
5/24/2017 4:43:17 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.56 ng

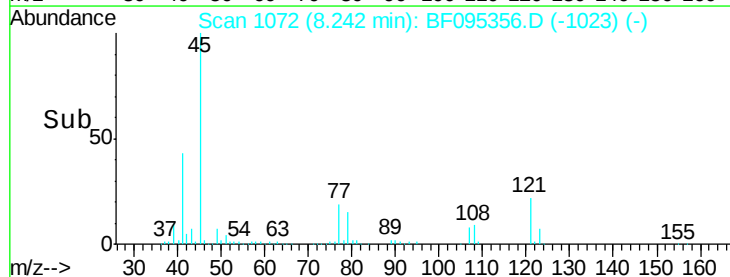
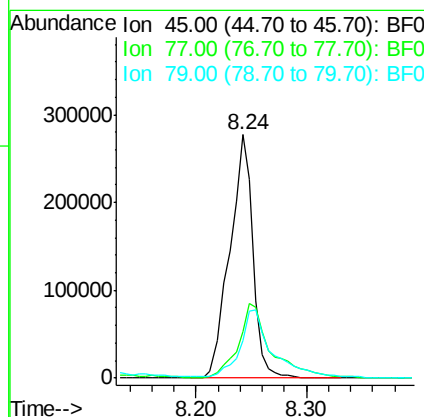
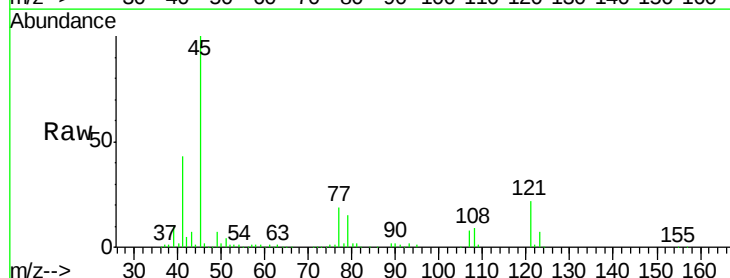
RT: 8.24 min Scan# 1072

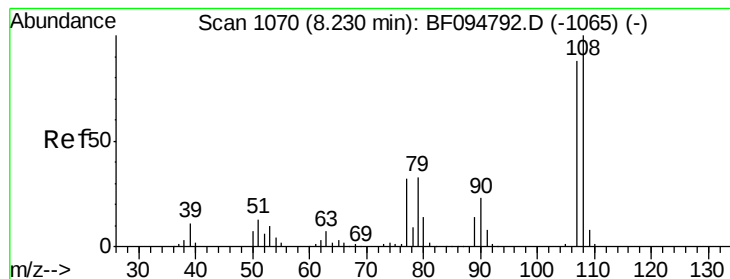
Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Tgt Ion:	45	Resp:	407940
Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	33.2
79	15.3	0.0	30.0





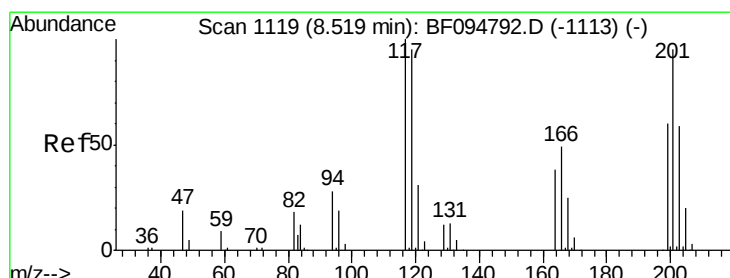
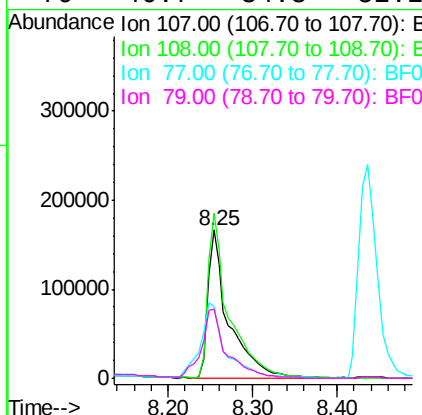
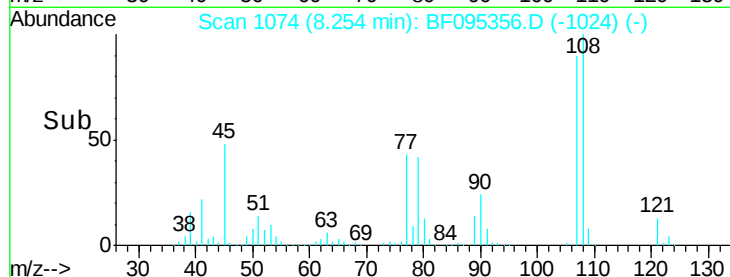
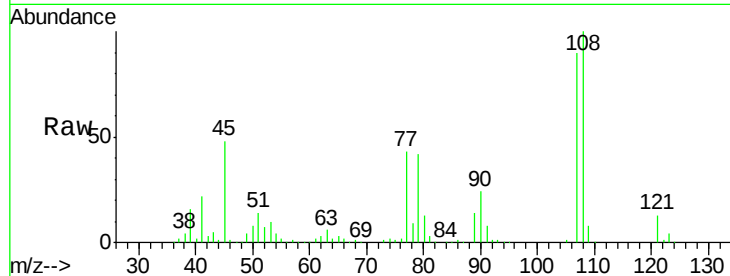
#17
2-Methylphenol
Concen: 46.91 ng
RT: 8.25 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	283487		
108	111.6	93.4	140.0	
77	48.2	35.8	53.6	
79	46.7	34.8	52.2	

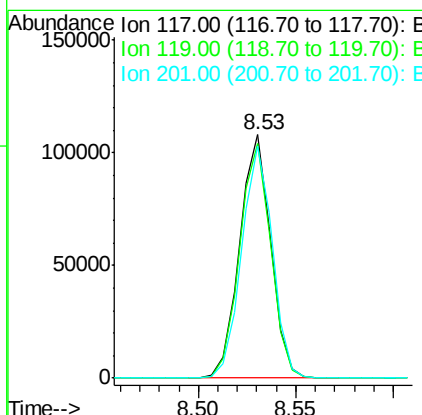
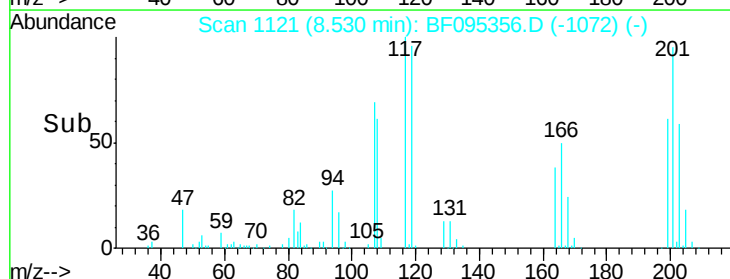
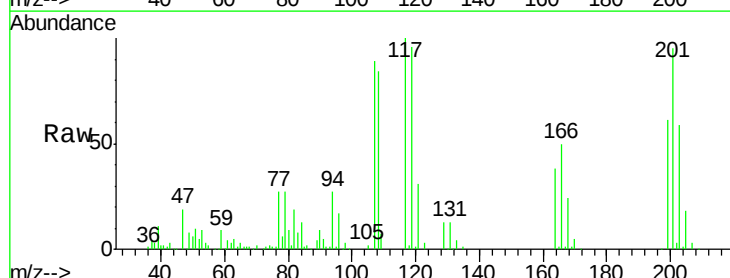
Manual Integrations
APPROVED

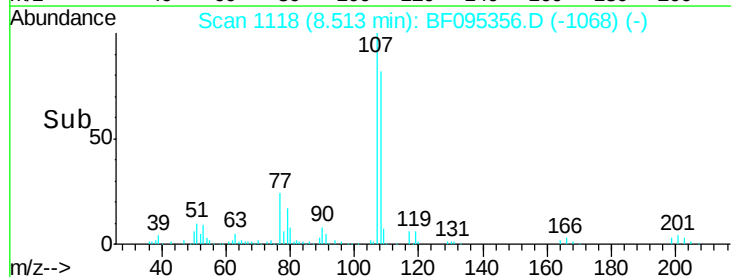
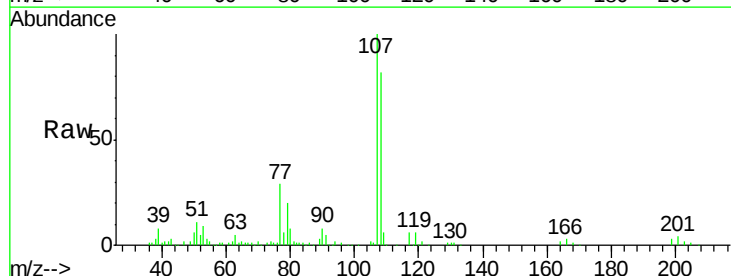
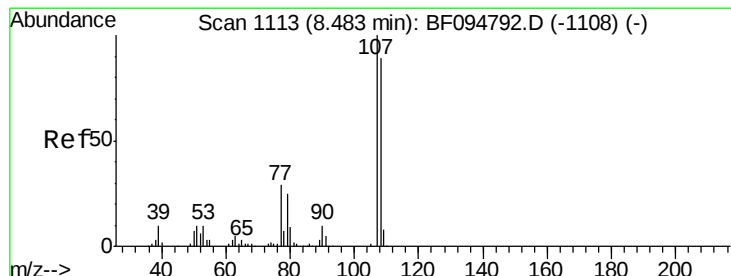
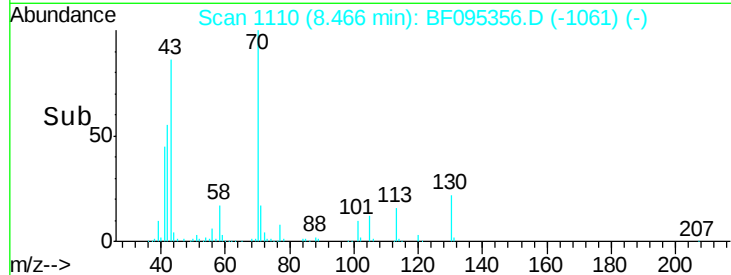
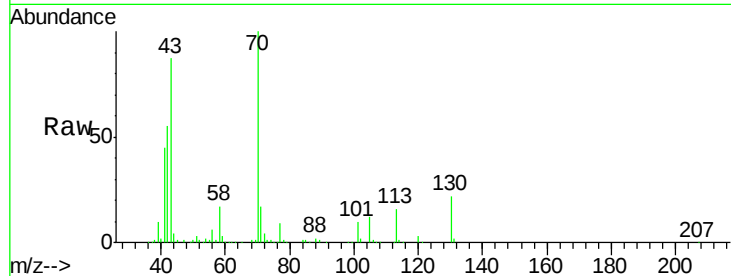
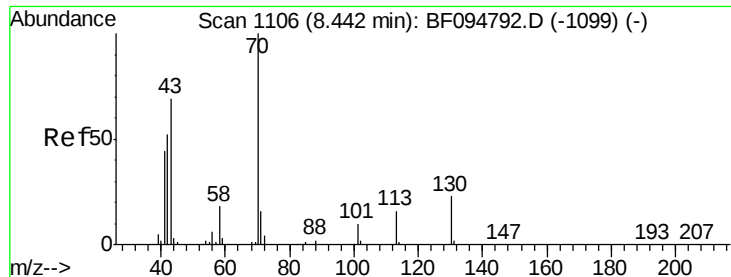
mohammad
5/24/2017 4:43:17 PM



#18
Hexachloroethane
Concen: 41.37 ng
RT: 8.53 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	119032		
119	96.5	77.4	116.0	
201	95.1	94.6	141.8	





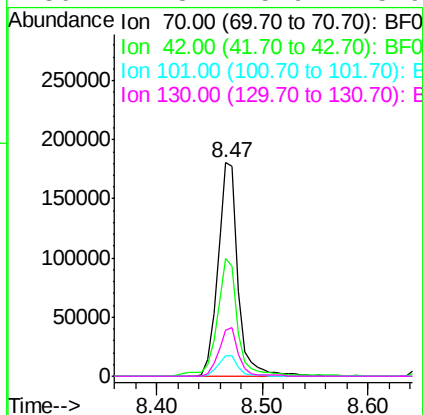
#19
n-Nitroso-di-n-propylamine
Concen: 45.77 ng
RT: 8.47 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.1	47.2	70.8
101	9.8	7.2	10.8
130	21.8	15.9	23.9

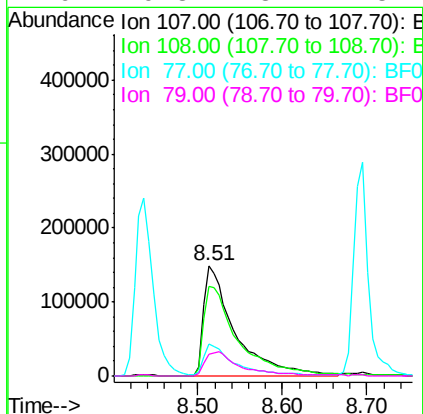
Manual Integrations
APPROVED

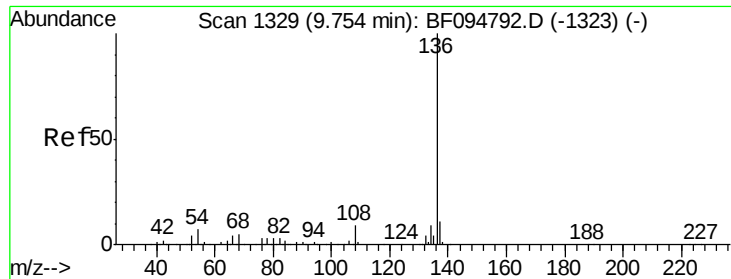
mohammad
5/24/2017 4:43:17 PM



#20
3+4-Methylphenols
Concen: 46.46 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.9	71.0	111.0
77	28.6	90.5	130.5#
79	19.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

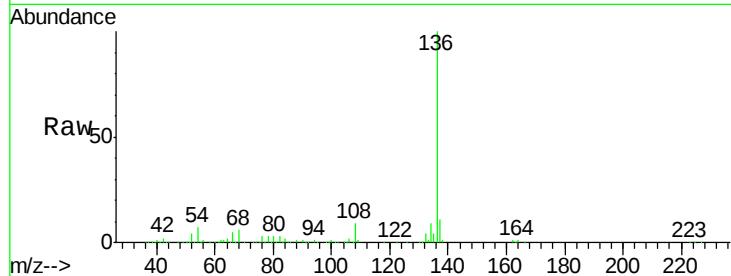
ClientSampleId :

NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	446634		
137	10.7	8.5	12.7	
54	7.0	4.9	7.3	
68	5.5	4.1	6.1	

Manual Integrations
APPROVED

mohammad
5/24/2017 4:43:17 PM



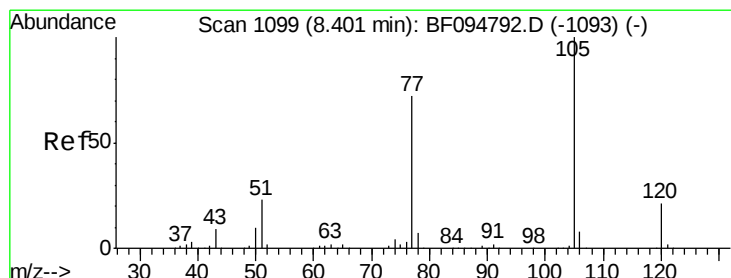
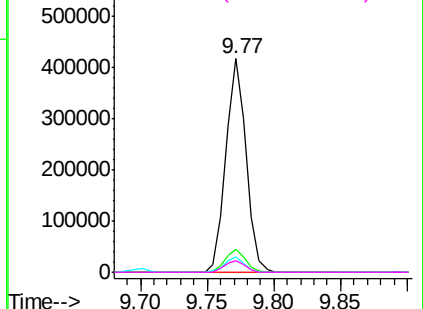
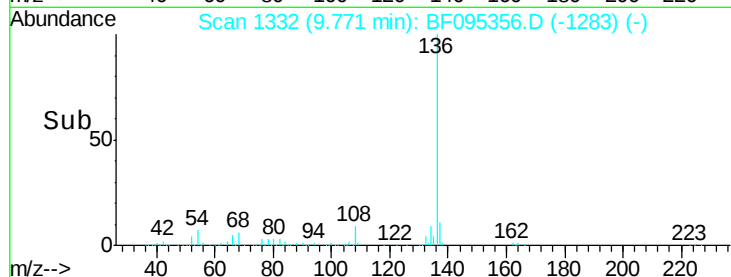
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.84 ng

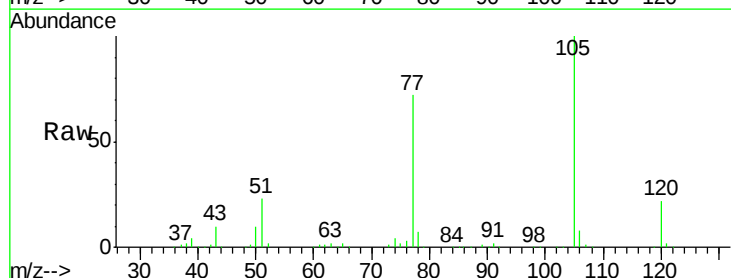
RT: 8.44 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	491186		
71	0.0	2.8	4.2#	
51	22.9	30.7	46.1#	
120	21.9	17.4	26.0	



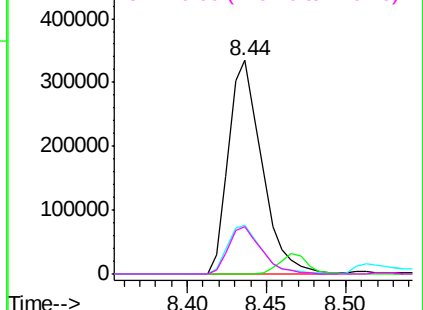
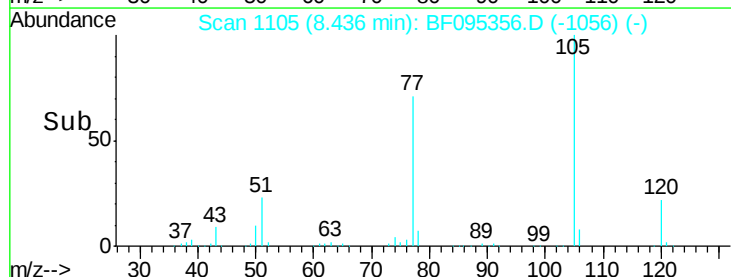
Abundance

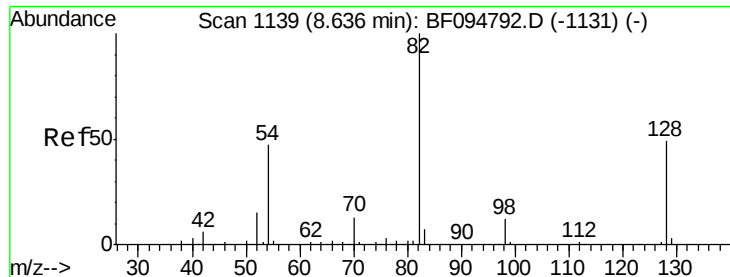
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





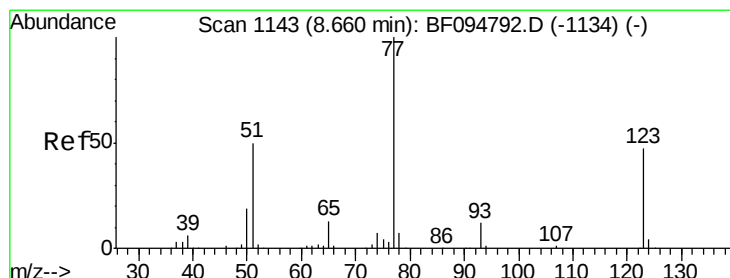
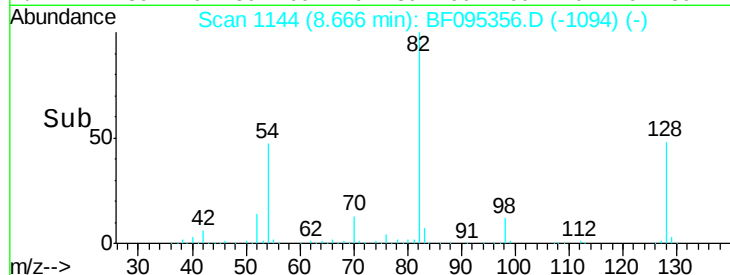
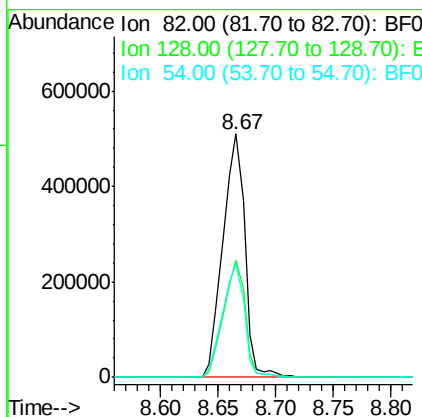
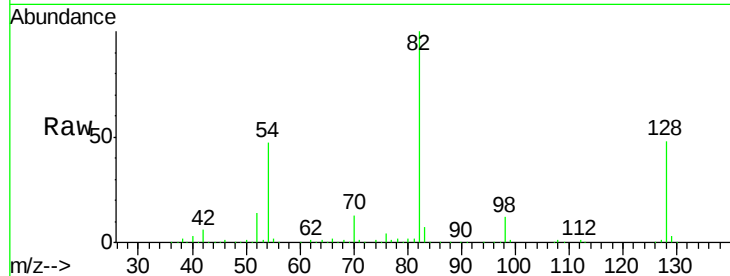
#23
 Nitrobenzene-d5
 Concen: 95.18 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	674112		
128	47.8	34.0	51.0	
54	46.5	42.2	63.2	

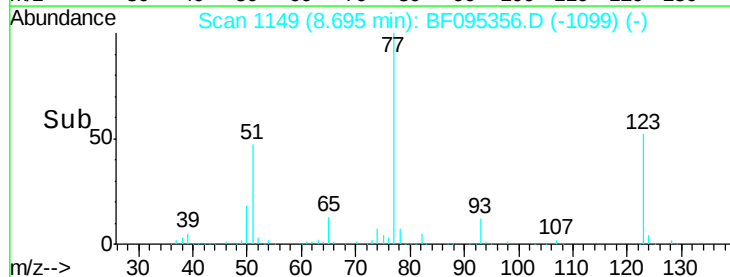
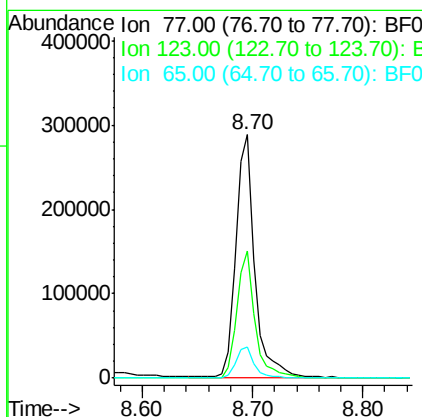
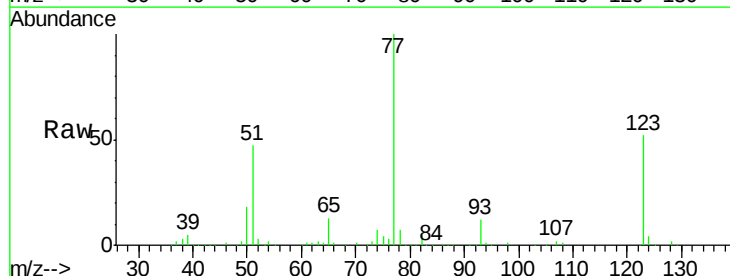
Manual Integrations
 APPROVED

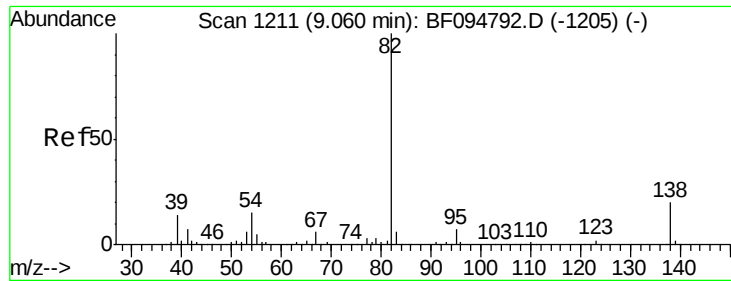
mohammad
 5/24/2017 4:43:17 PM



#24
 Nitrobenzene
 Concen: 46.56 ng
 RT: 8.70 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	345698		
123	52.0	35.8	53.8	
65	12.8	10.6	15.8	





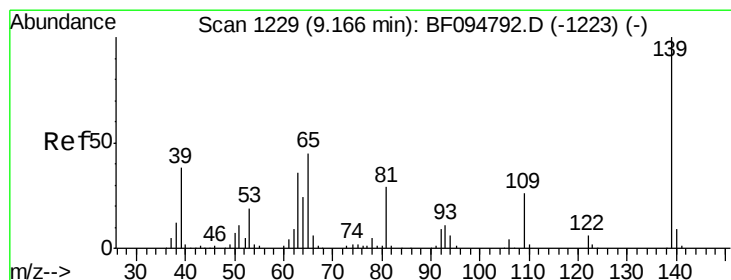
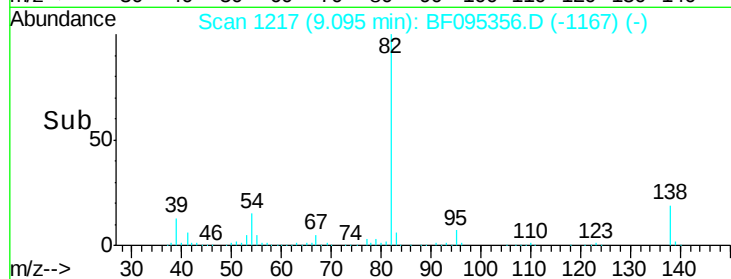
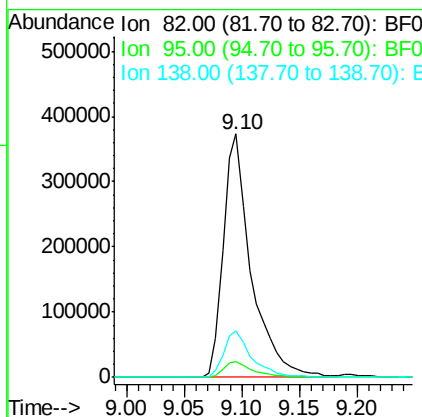
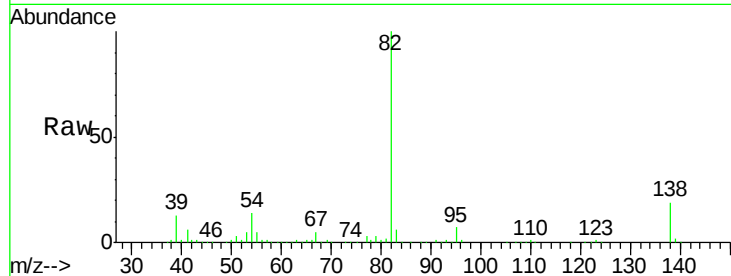
#25
Isophorone
Concen: 49.52 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	626249		
95	6.6		5.3	7.9
138	19.2		13.1	19.7

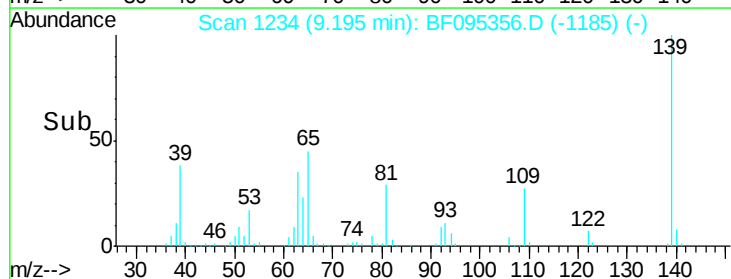
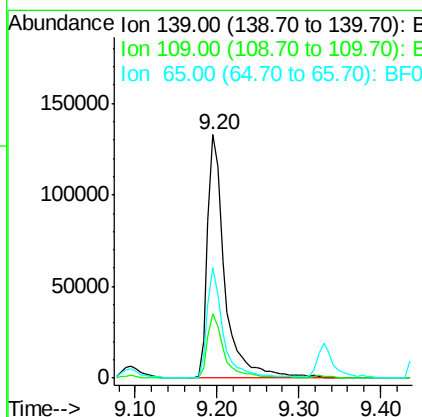
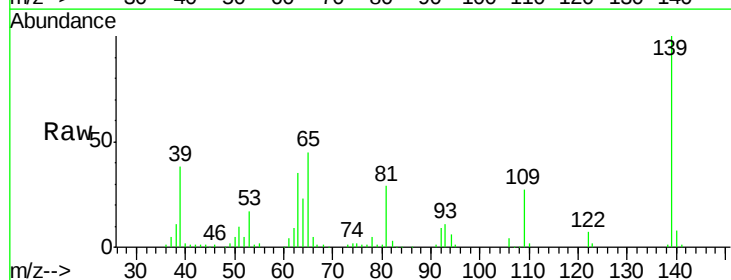
Manual Integrations
APPROVED

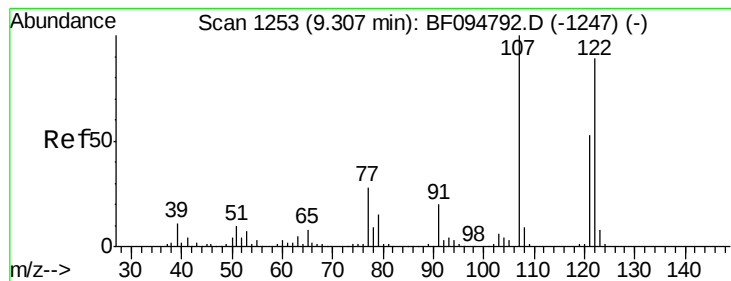
mohammad
5/24/2017 4:43:17 PM



#26
2-Nitrophenol
Concen: 49.03 ng
RT: 9.20 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	196408		
109	26.6		21.0	31.6
65	45.1		33.0	49.6





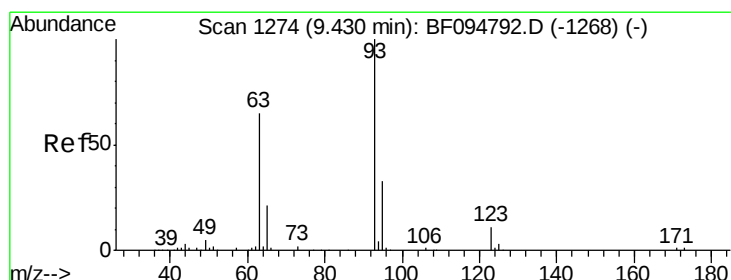
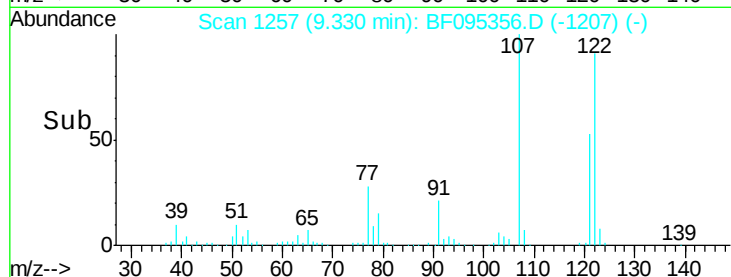
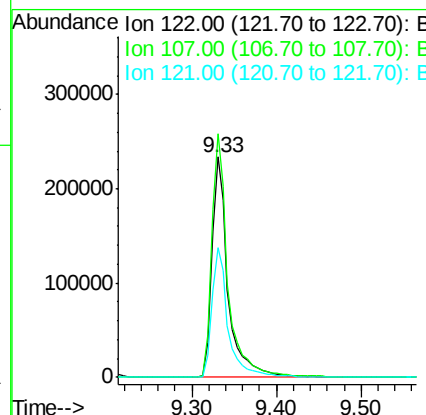
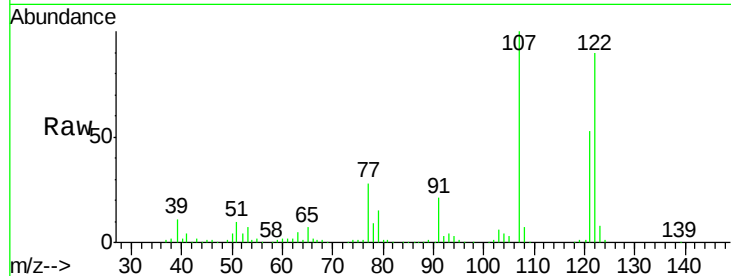
#27
 2,4-Dimethylphenol
 Concen: 48.50 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	314117		
107	110.6	89.2	133.8	
121	58.8	45.2	67.8	

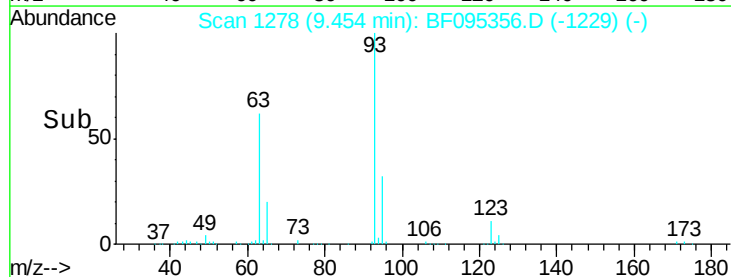
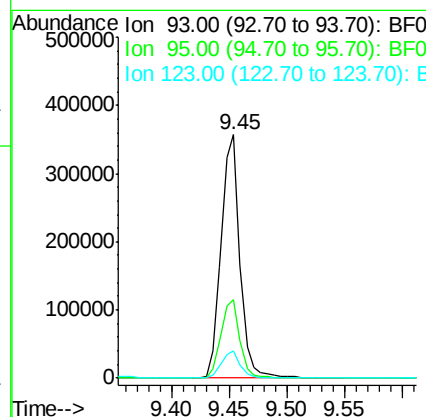
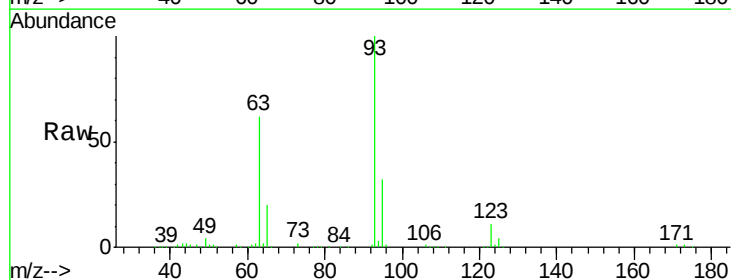
Manual Integrations
 APPROVED

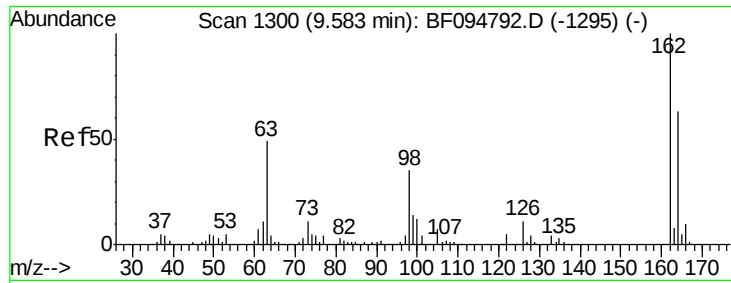
mohammad
 5/24/2017 4:43:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.16 ng
 RT: 9.45 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	403875		
95	32.5	26.5	39.7	
123	11.0	9.0	13.4	





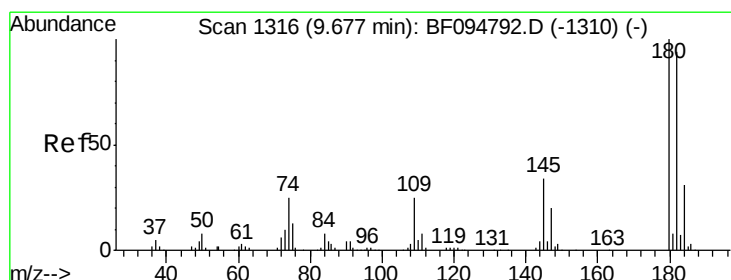
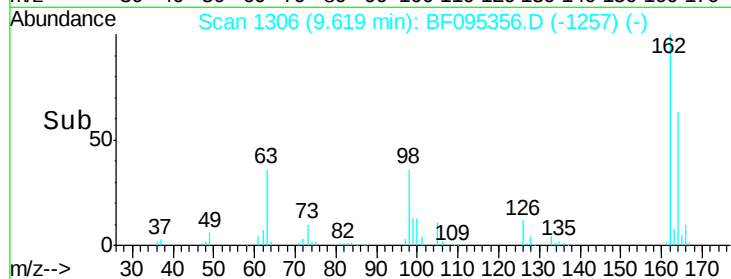
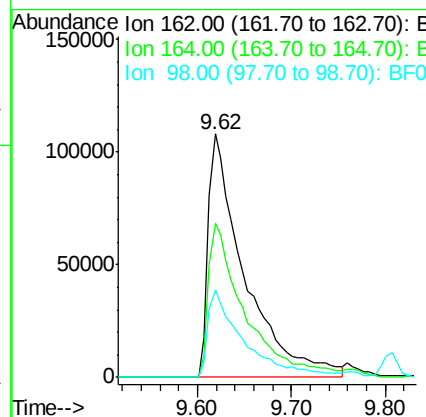
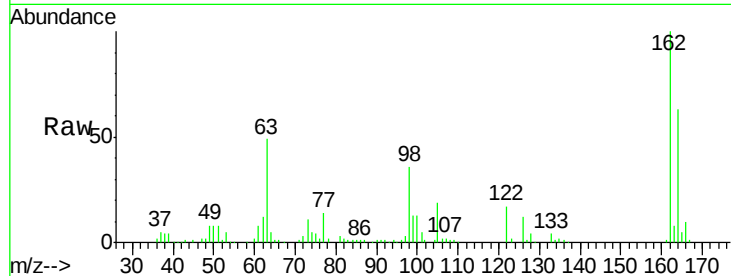
#29
 2,4-Dichlorophenol
 Concen: 47.51 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.4	44.6	84.6
98	35.9	14.8	54.8

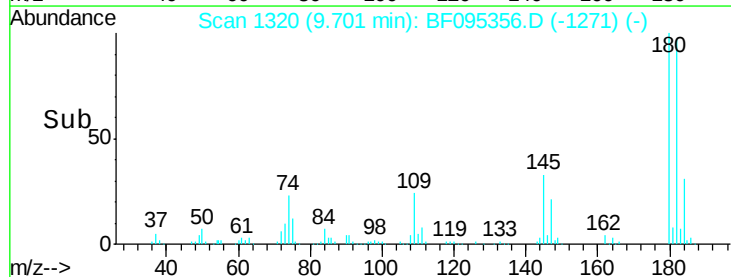
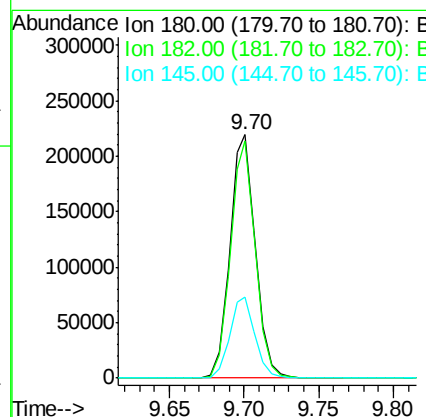
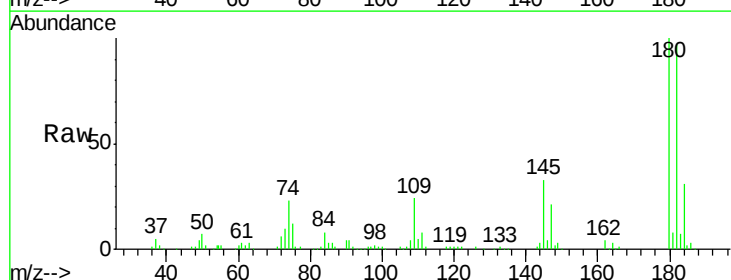
Manual Integrations
 APPROVED

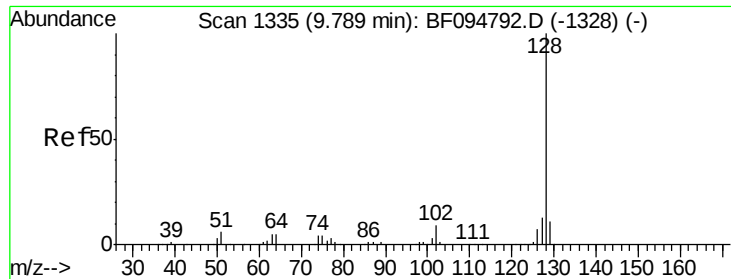
mohammad
 5/24/2017 4:43:17 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.17 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.2	75.8	113.6
145	33.4	25.3	37.9





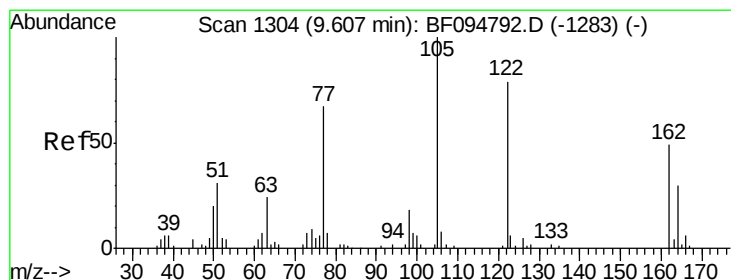
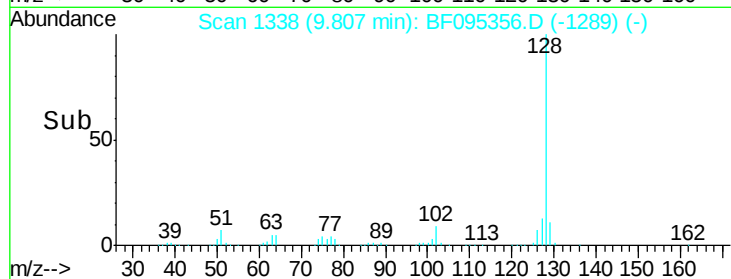
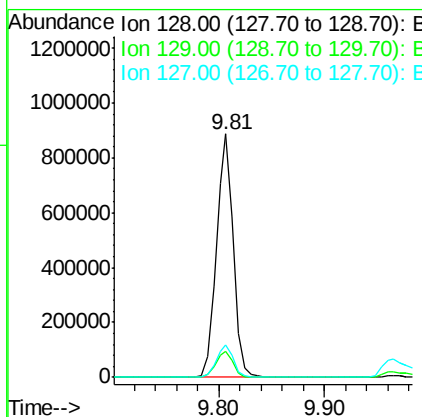
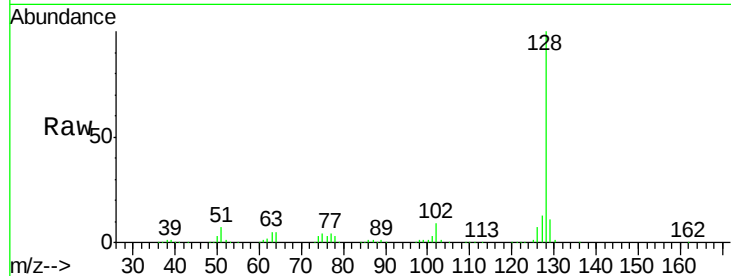
#31
Naphthalene
Concen: 44.26 ng
RT: 9.81 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	993439		
129	10.9	9.0	13.6	
127	13.4	10.8	16.2	

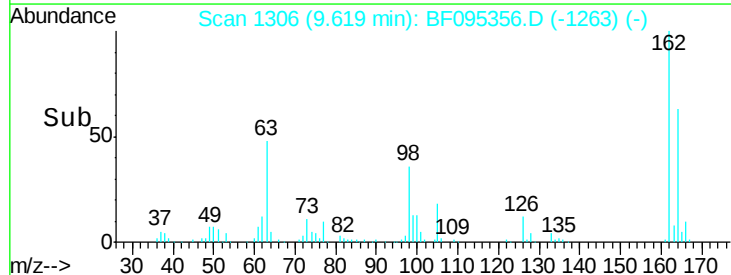
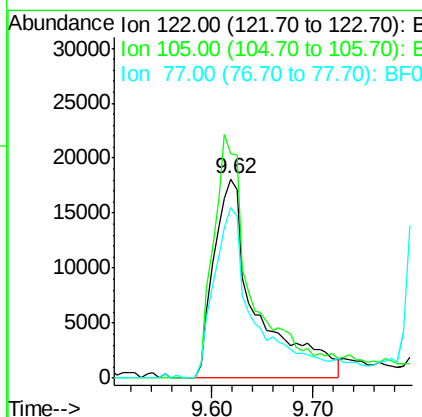
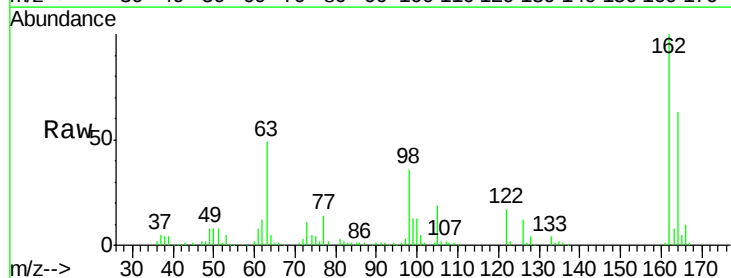
Manual Integrations
APPROVED

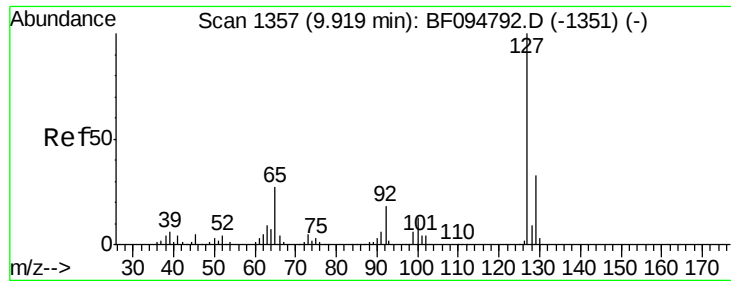
mohammad
5/24/2017 4:43:17 PM



#32
Benzoic acid
Concen: 16.23 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.05 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	53005		
105	112.5	103.3	143.3	
77	85.6	73.7	113.7	





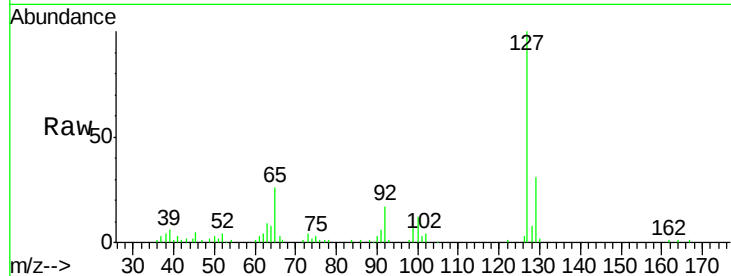
#33
 4-Chloroaniline
 Concen: 20.85 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

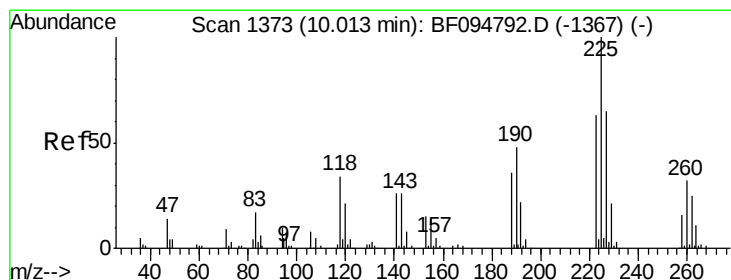
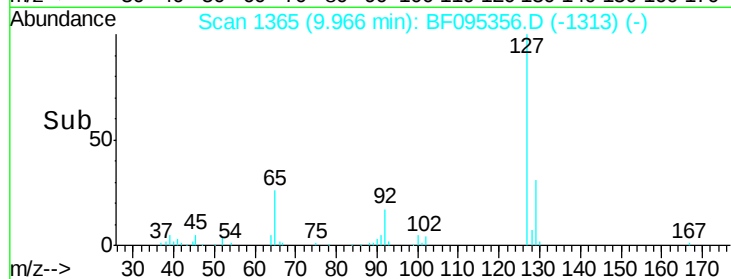
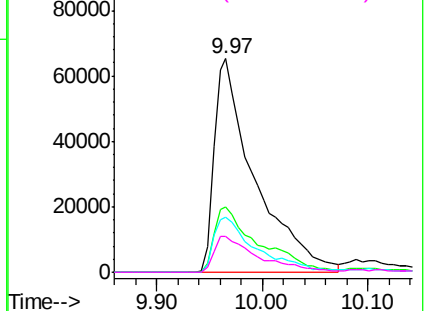
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	174457		
129	30.8	26.2	39.2	
65	25.8	27.8	41.8	
92	17.0	16.8	25.2	

Manual Integrations
 APPROVED

mohammad
 5/24/2017 4:43:17 PM

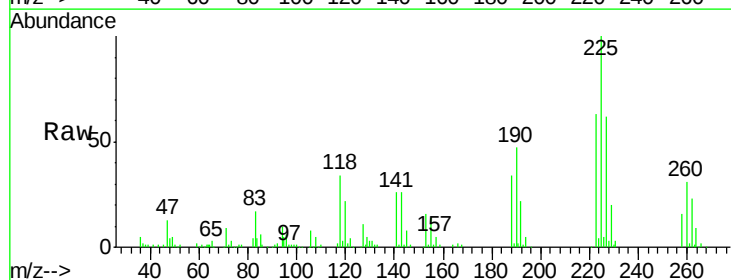


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

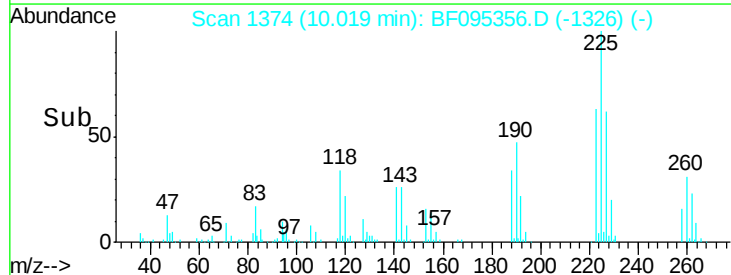
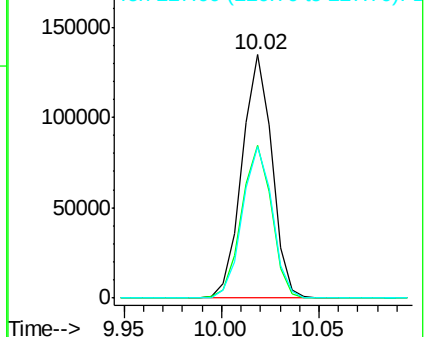


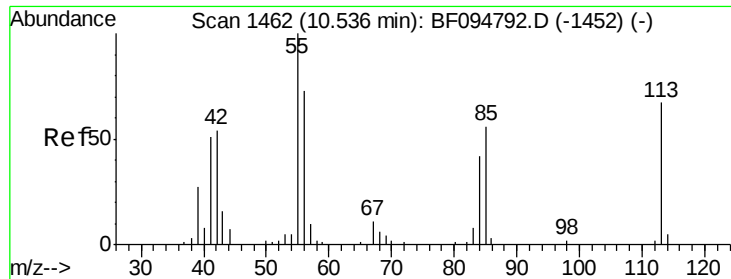
#34
 Hexachlorobutadiene
 Concen: 41.44 ng
 RT: 10.02 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143274		
223	63.0	48.8	73.2	
227	62.2	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: 44.00 ng m

RT: 10.59 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

NM4-COMP-6-18MS

Tgt Ion:113 Resp: 80805

Ion Ratio Lower Upper

113 100

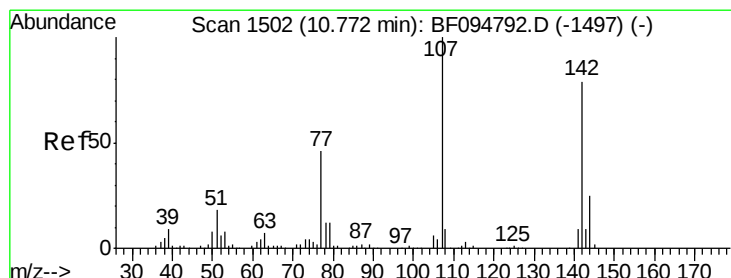
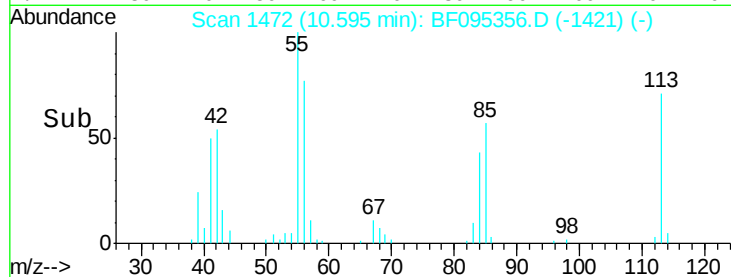
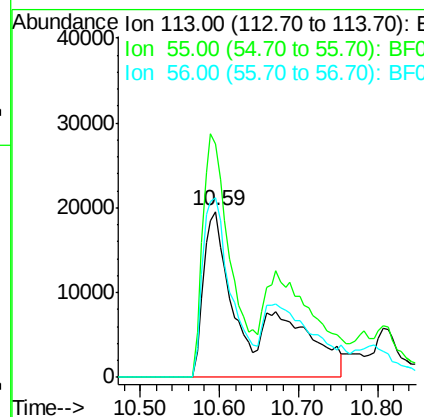
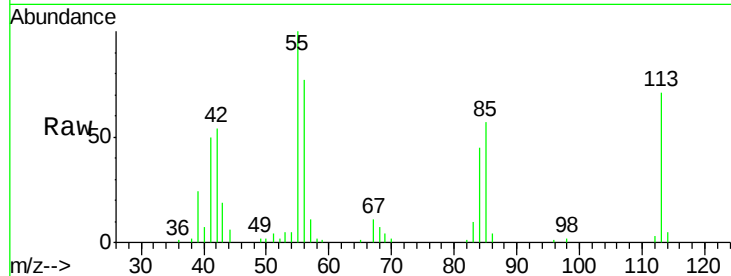
55 140.9 150.2 190.2#

56 108.6 107.8 147.8

Manual Integrations
APPROVED

mohammad

5/24/2017 4:43:17 PM



#36

4-Chloro-3-methylphenol

Concen: 48.23 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

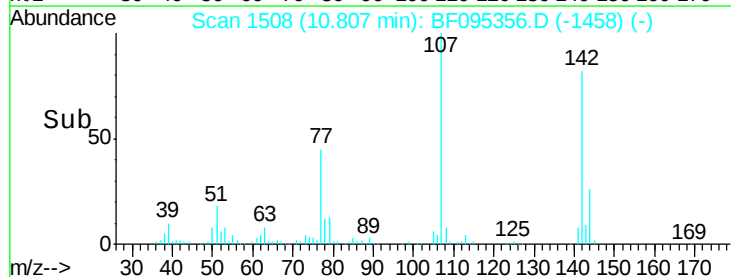
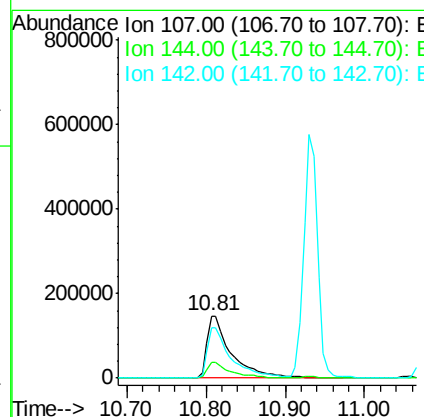
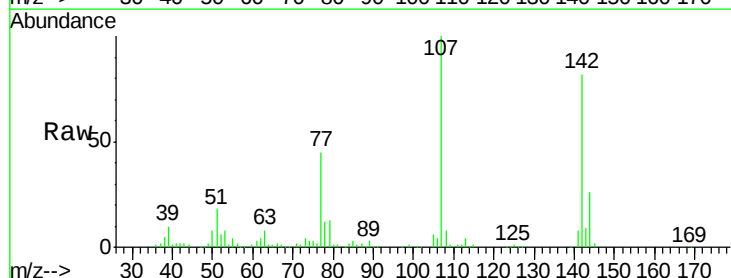
Tgt Ion:107 Resp: 315326

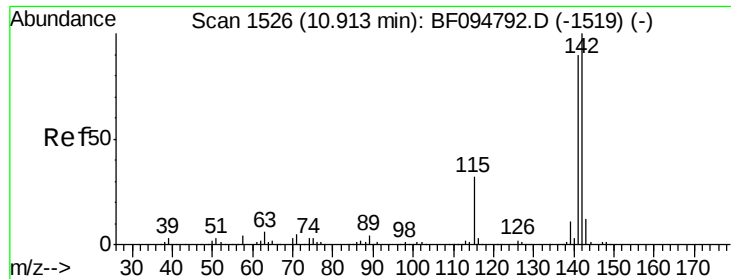
Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

142 81.7 73.4 110.0





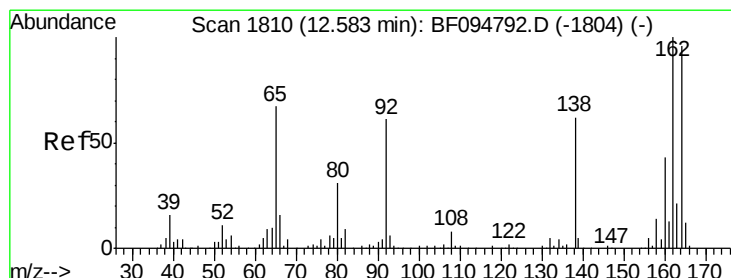
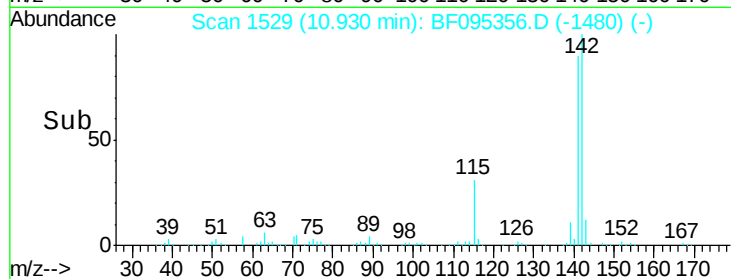
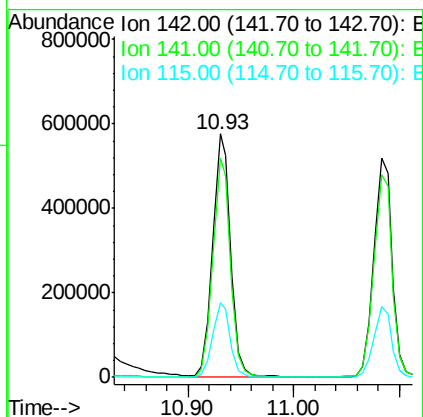
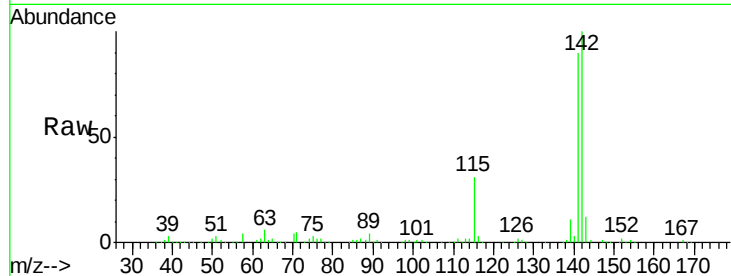
#37
2-Methylnaphthalene
Concen: 47.17 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	694988		
141	89.9	71.3	106.9	
115	30.9	27.1	40.7	

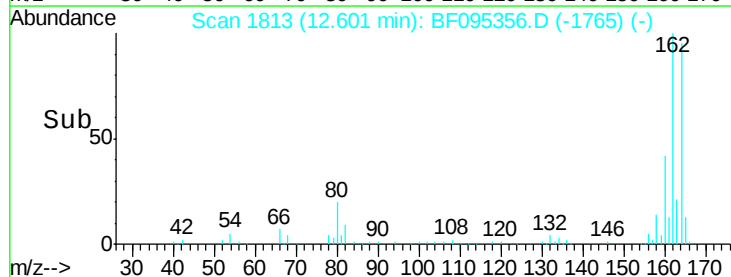
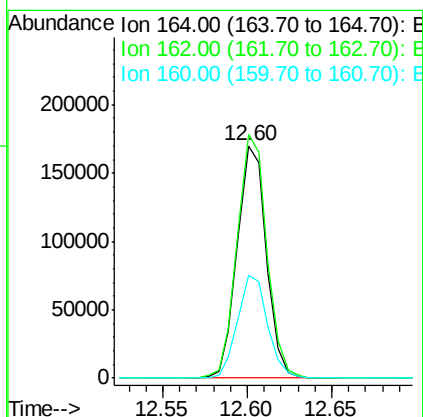
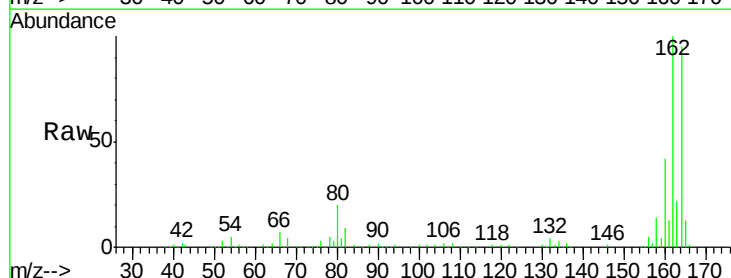
Manual Integrations
APPROVED

mohammad
5/24/2017 4:43:17 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	204243		
162	104.8	82.6	123.8	
160	44.4	36.2	54.2	





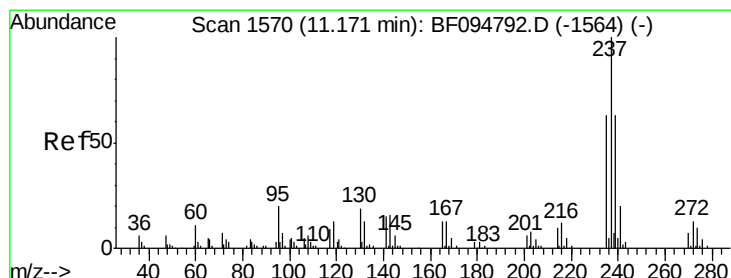
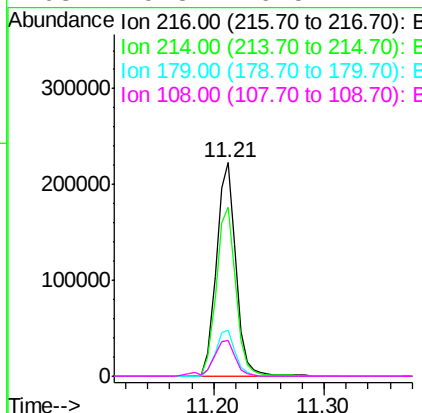
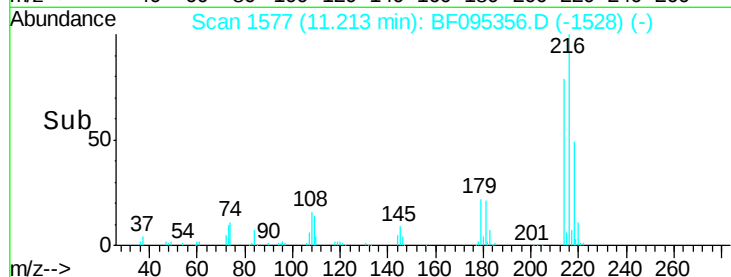
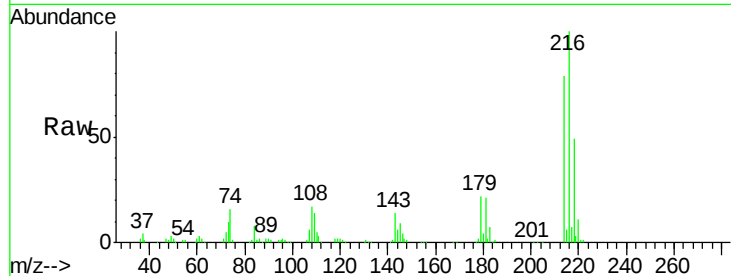
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.19 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	271290		
214	79.8	63.4	95.2	
179	21.8	17.9	26.9	
108	19.3	16.5	24.7	

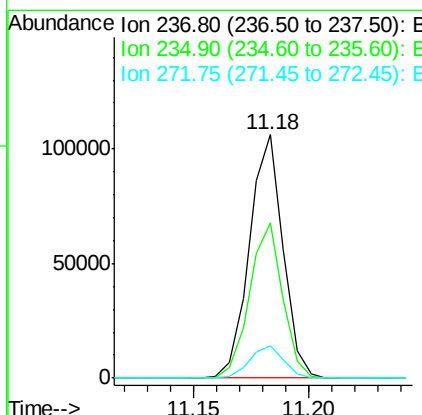
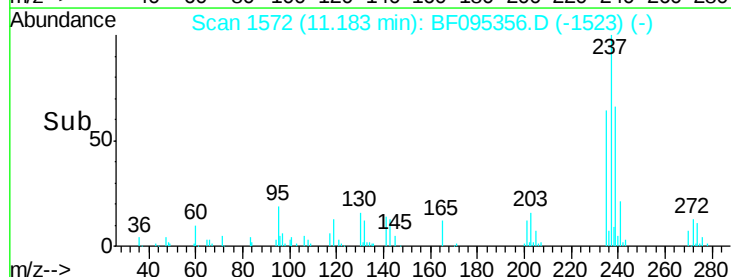
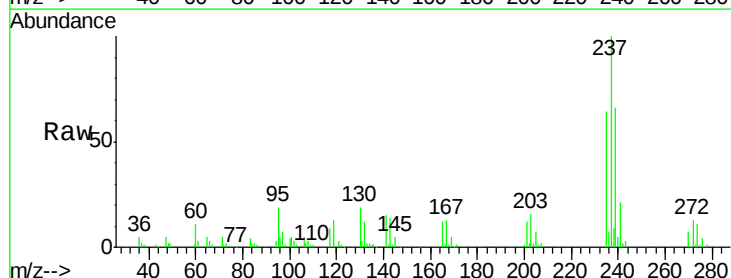
Manual Integrations
 APPROVED

mohammad
 5/24/2017 4:43:17 PM



#40
 Hexachlorocyclopentadiene
 Concen: 43.57 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	107159		
235	63.7	42.6	82.6	
272	13.1	0.0	31.9	





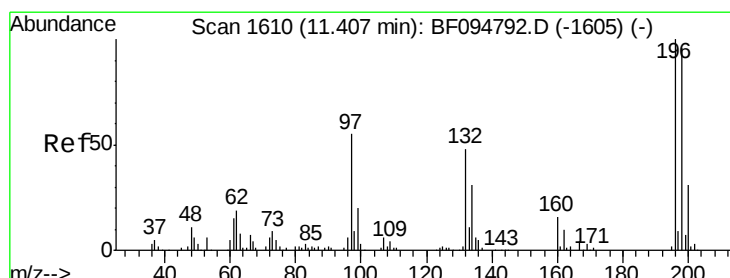
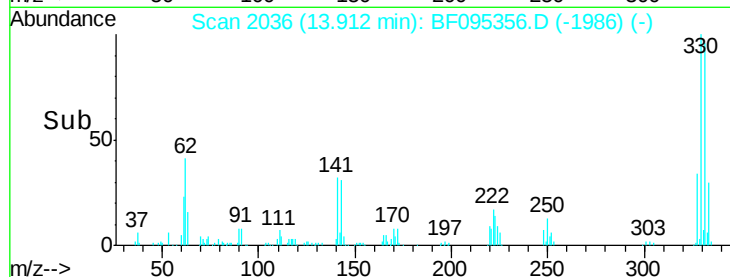
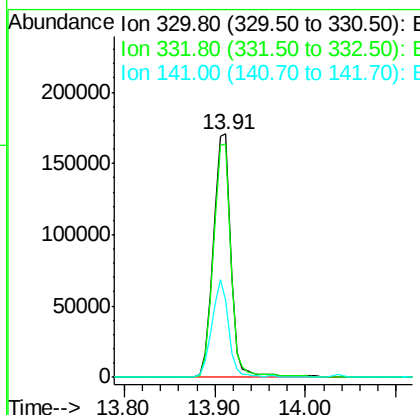
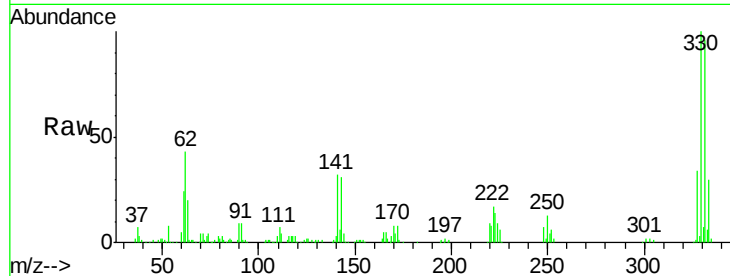
#41
 2,4,6-Tribromophenol
 Concen: 137.58 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	230121		
332	95.7	76.6	115.0	
141	38.6	31.4	47.2	

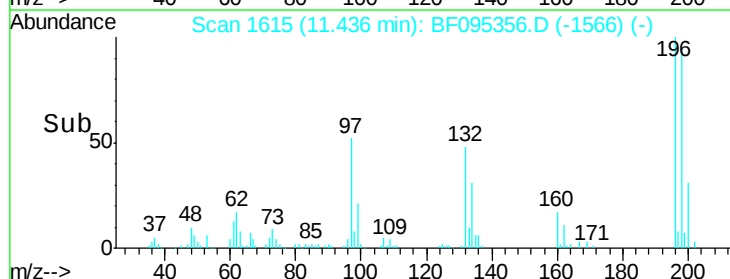
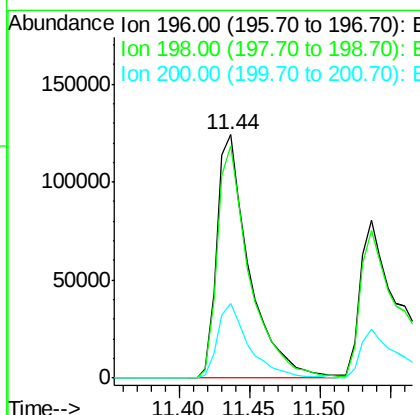
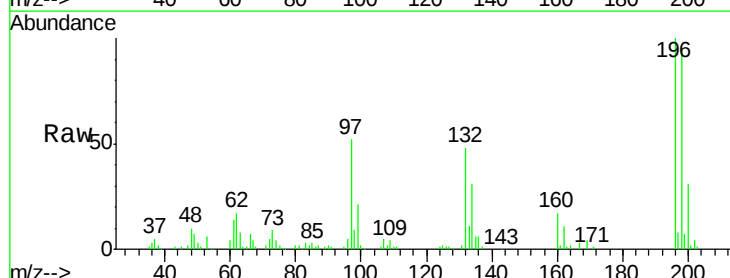
Manual Integrations
 APPROVED

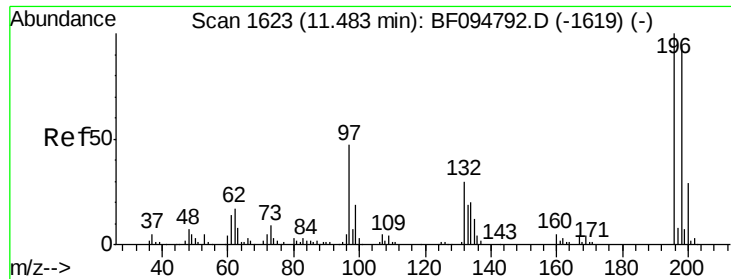
mohammad
 5/24/2017 4:43:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.27 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198248		
198	95.2	74.2	111.4	
200	30.5	24.0	36.0	





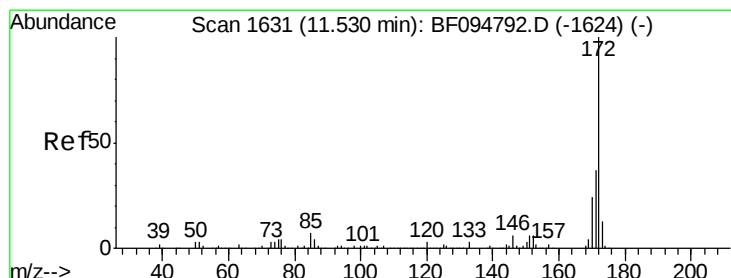
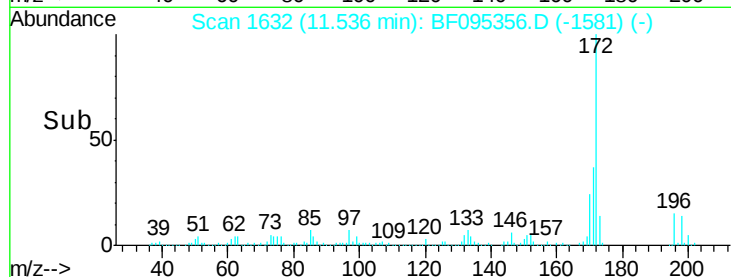
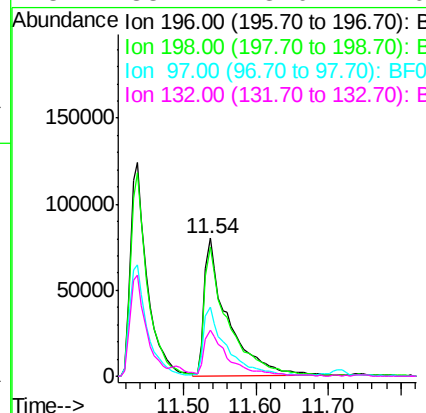
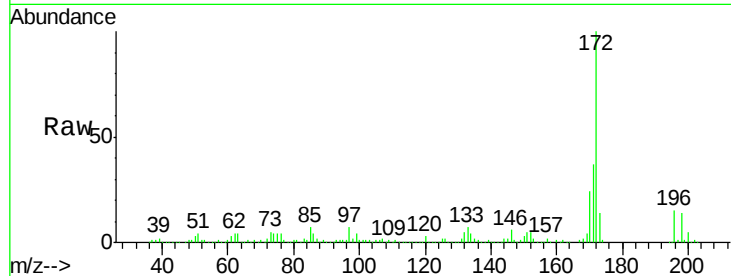
#43
 2,4,5-Trichlorophenol
 Concen: 39.81 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179445		
198	94.1	75.7	113.5	
97	49.7	47.7	71.5	
132	33.7	28.0	42.0	

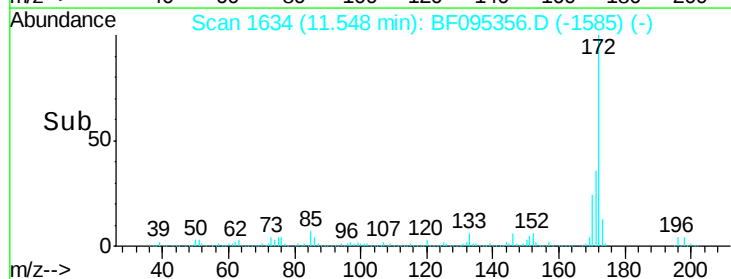
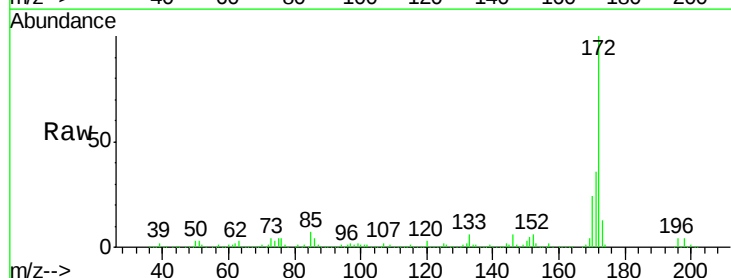
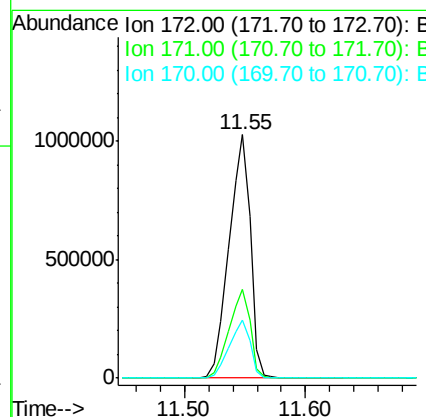
Manual Integrations
 APPROVED

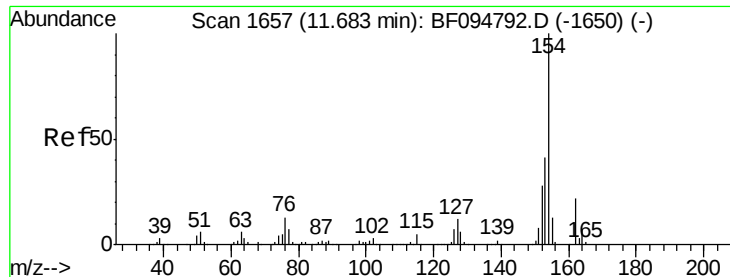
mohammad
 5/24/2017 4:43:17 PM



#44
 2-Fluorobiphenyl
 Concen: 88.34 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1253489		
171	36.2	29.6	44.4	
170	23.7	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 45.62 ng

RT: 11.70 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

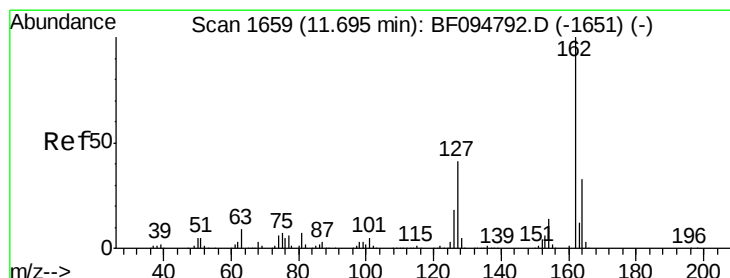
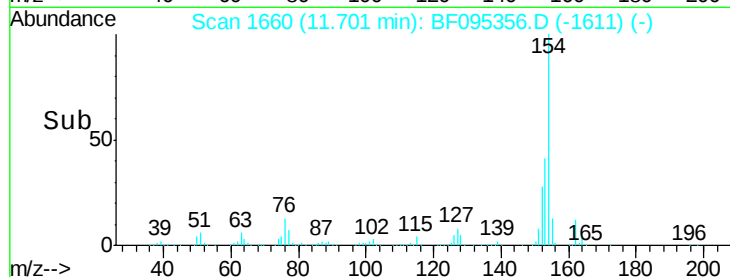
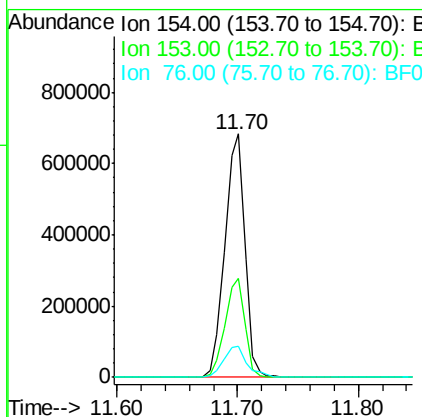
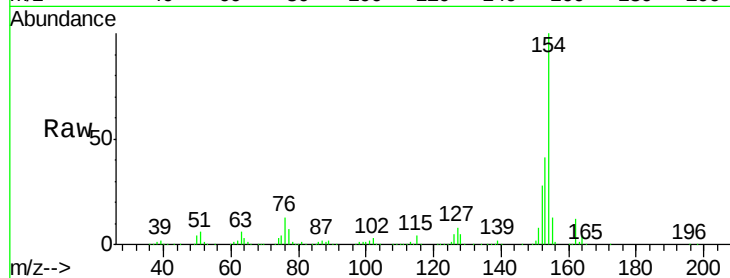
ClientSampleId :

NM4-COMP-6-18MS

Tgt Ion:	154	Resp:	784506
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.2	61.2
76	12.8	0.0	29.9

Manual Integrations
APPROVED

mohammad
5/24/2017 4:43:17 PM



#46

2-Chloronaphthalene

Concen: 43.89 ng

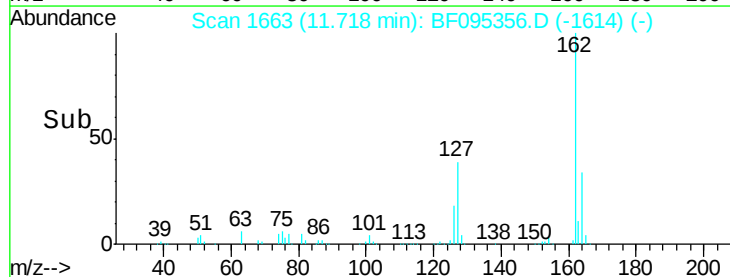
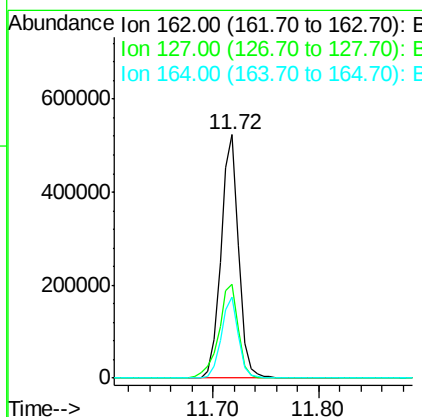
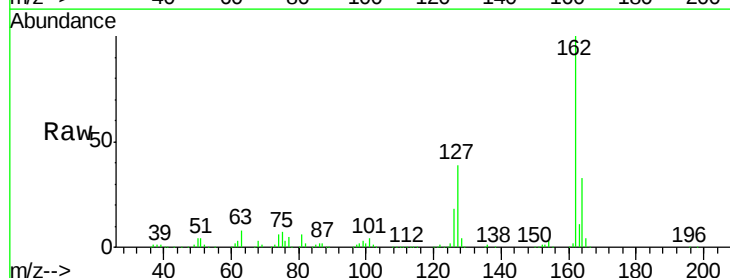
RT: 11.72 min Scan# 1663

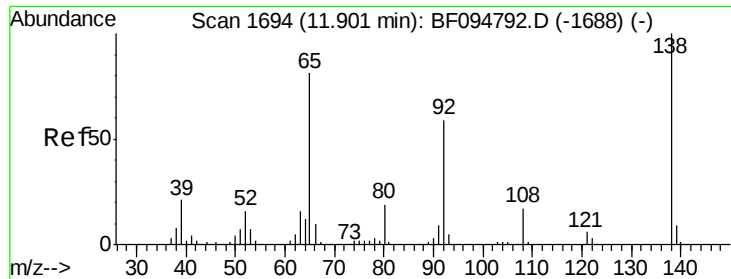
Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Tgt Ion:	162	Resp:	609413
Ion Ratio	Lower	Upper	
162	100		
127	38.8	28.3	42.5
164	33.2	27.0	40.4





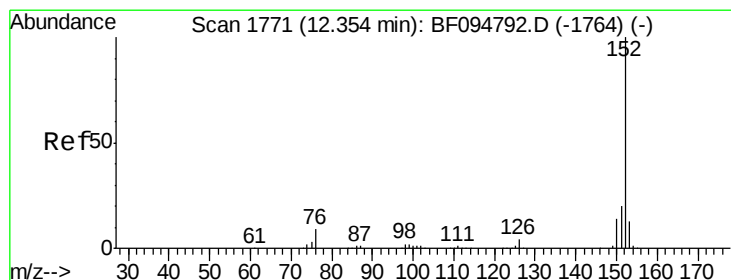
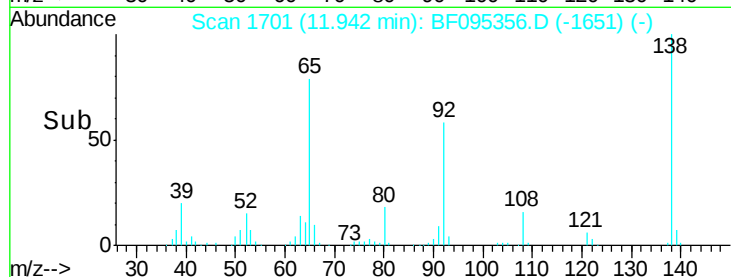
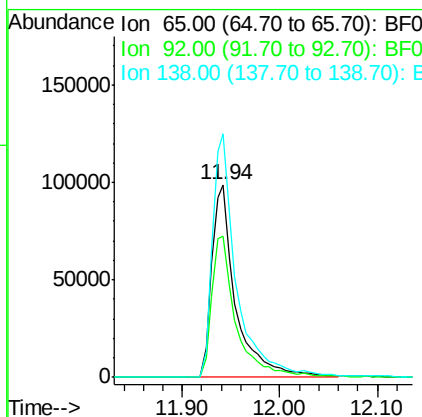
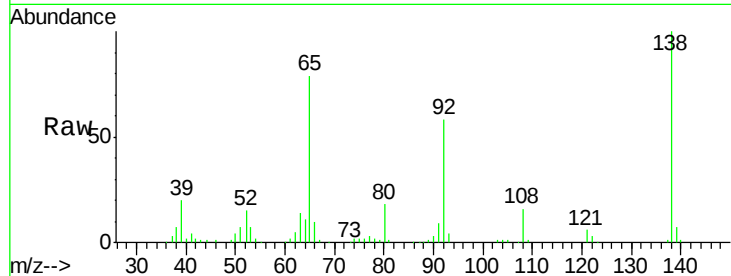
#47
 2-Nitroaniline
 Concen: 44.29 ng
 RT: 11.94 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	53.9	80.9
138	126.3	78.8	118.2

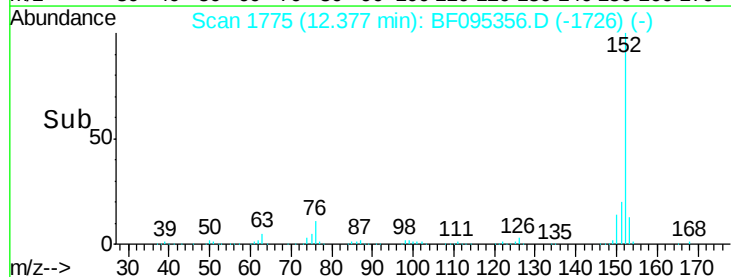
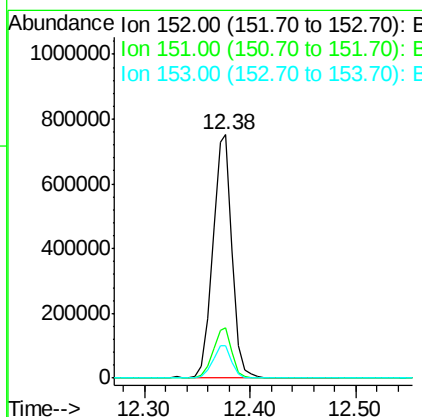
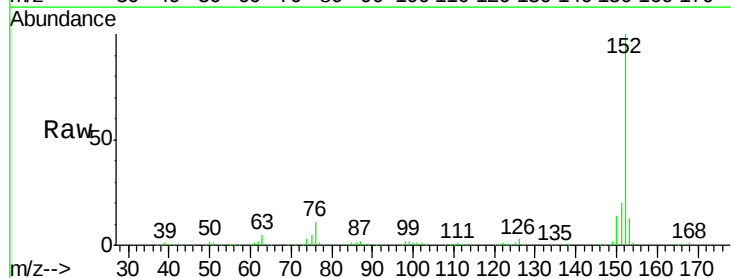
Manual Integrations
 APPROVED

mohammad
 5/24/2017 4:43:17 PM



#48
 Acenaphthylene
 Concen: 44.19 ng
 RT: 12.38 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.2	10.8	16.2





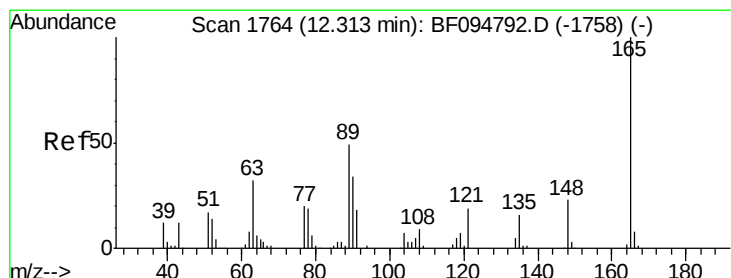
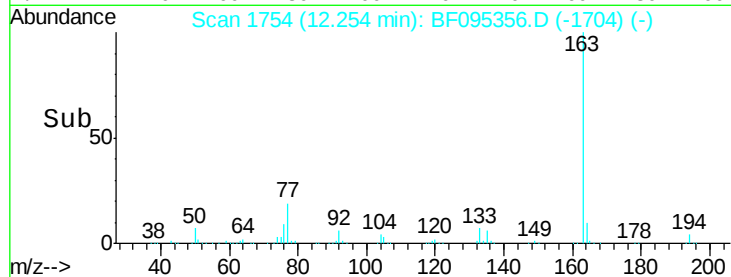
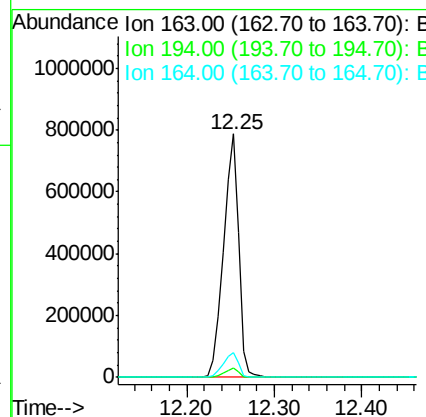
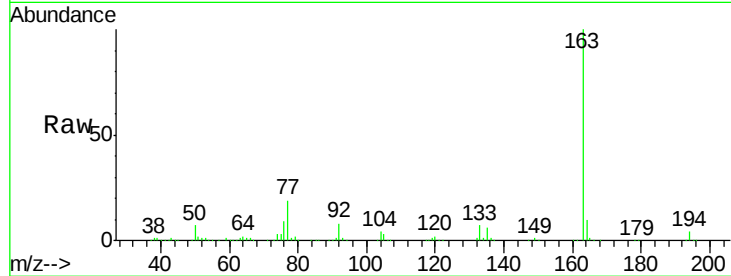
#49
Dimethylphthalate
Concen: 56.57 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.6	4.0
164	9.9	8.4	12.6

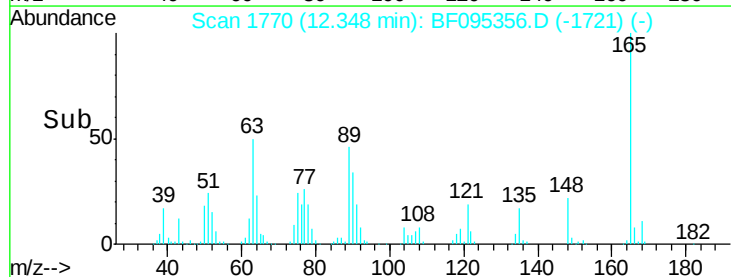
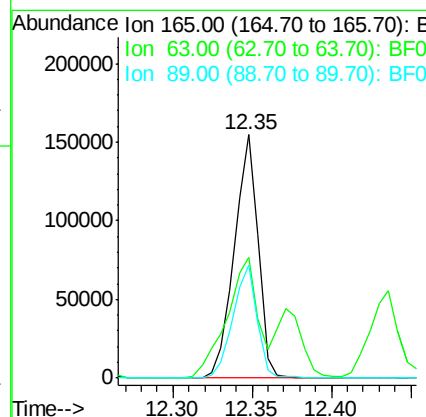
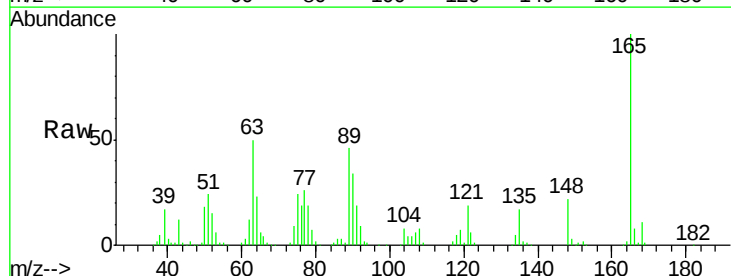
Manual Integrations
APPROVED

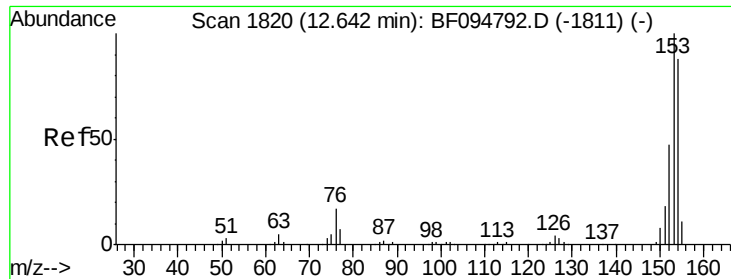
mohammad
5/24/2017 4:43:17 PM



#50
2,6-Dinitrotoluene
Concen: 47.00 ng
RT: 12.35 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.6	34.3	51.5
89	46.3	37.1	55.7





#51

Acenaphthene

Concen: 43.47 ng

RT: 12.66 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

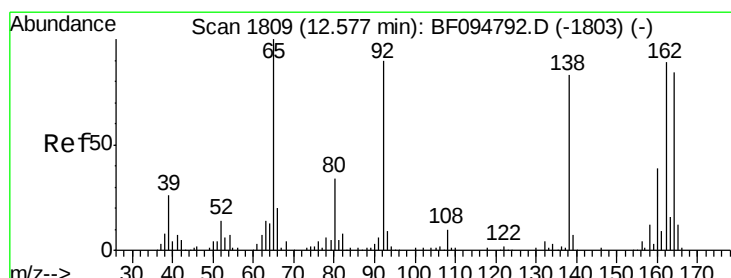
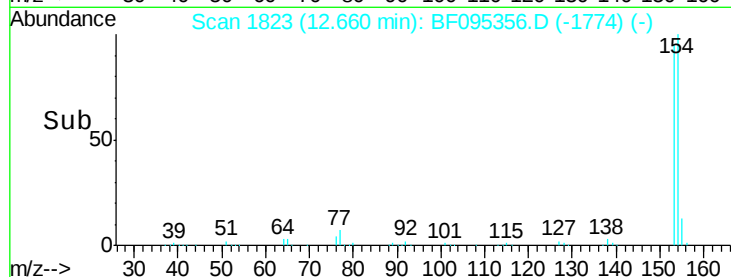
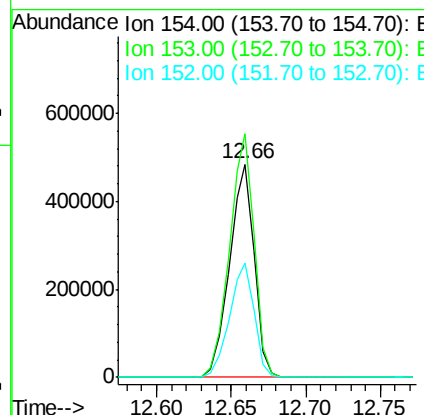
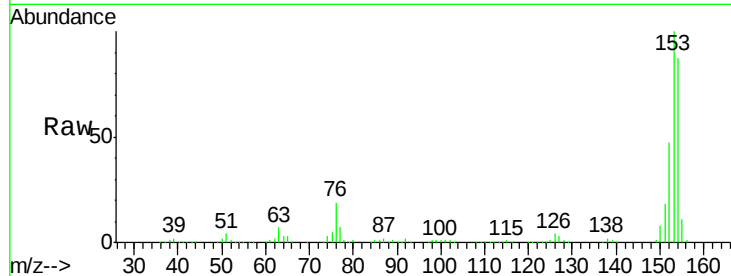
ClientSampleId :

NM4-COMP-6-18MS

Tgt Ion:	154	Resp:	564683
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.5	135.7
152	53.8	43.6	65.4

Manual Integrations
APPROVED

mohammad
5/24/2017 4:43:17 PM



#52

3-Nitroaniline

Concen: 31.30 ng

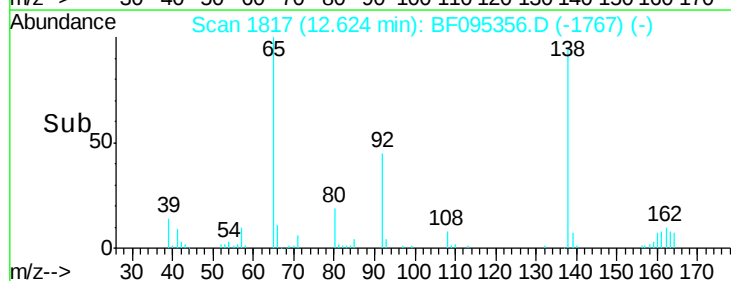
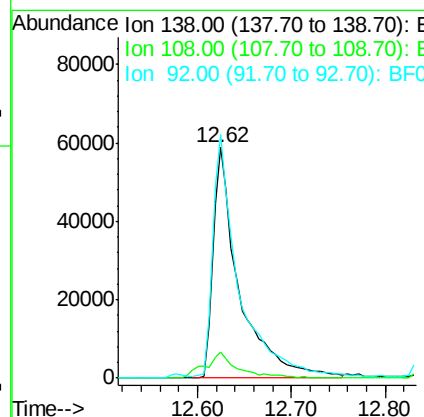
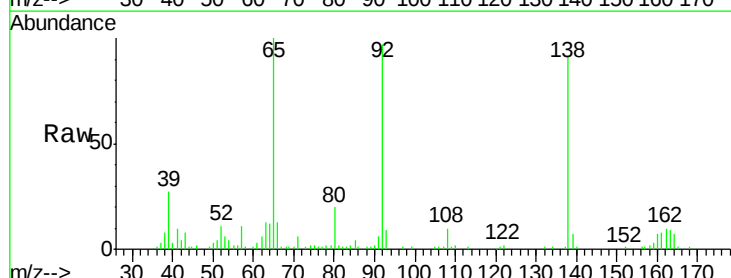
RT: 12.62 min Scan# 1817

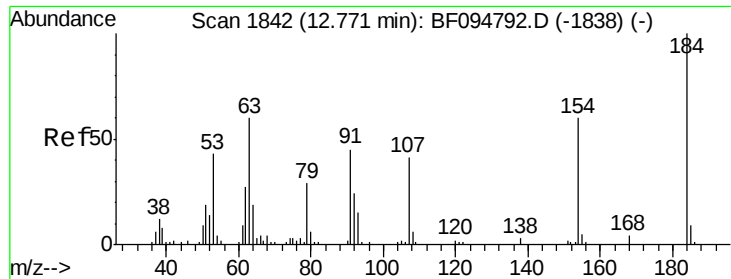
Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Tgt Ion:	138	Resp:	114918
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.1	13.7
92	105.8	93.8	140.6





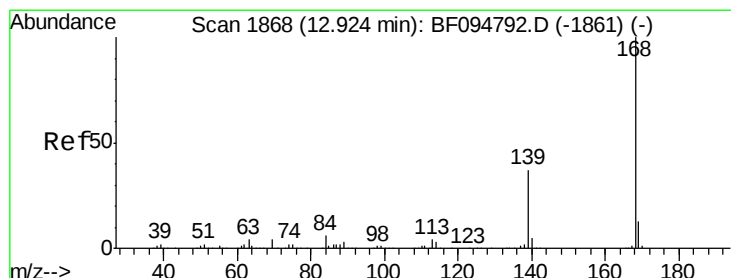
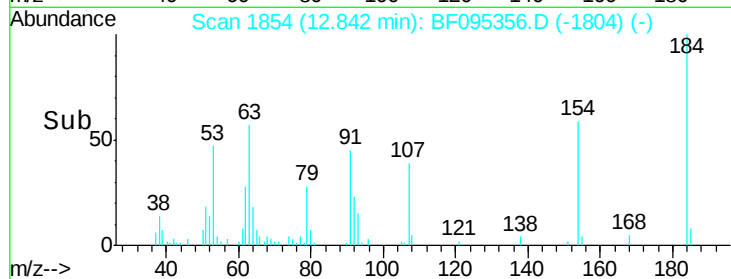
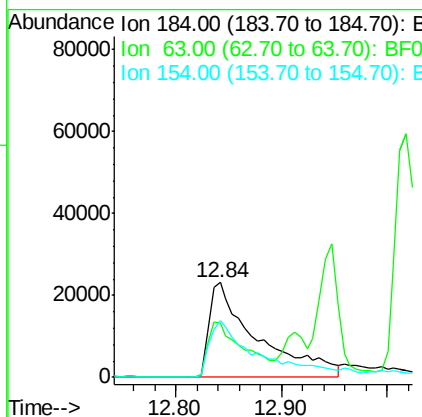
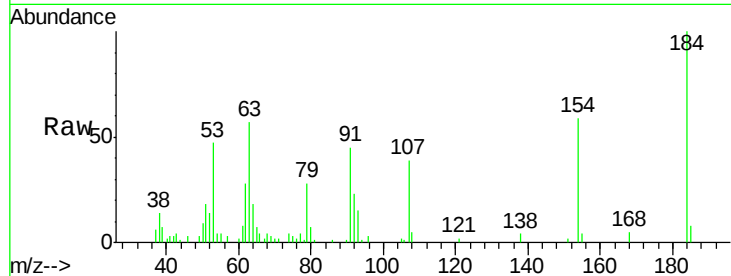
#53
 2,4-Dinitrophenol
 Concen: 41.84 ng
 RT: 12.84 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.7	62.7	94.1#
154	59.4	81.1	121.7#

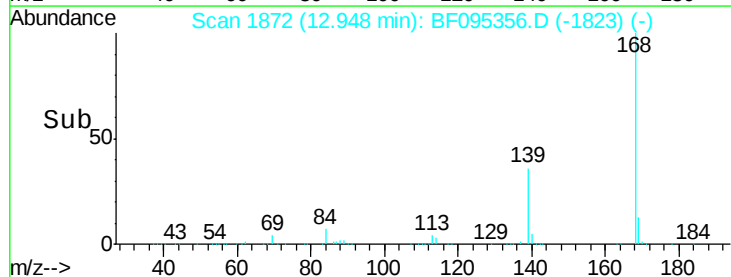
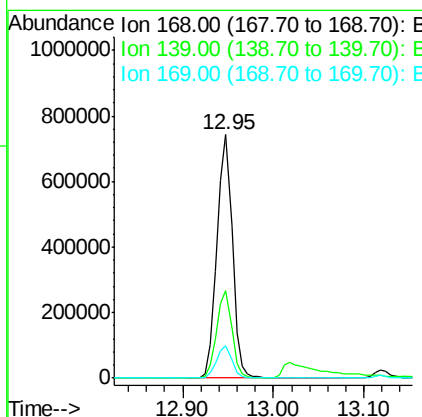
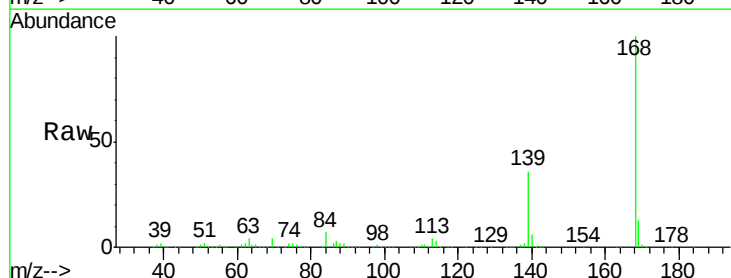
Manual Integrations
 APPROVED

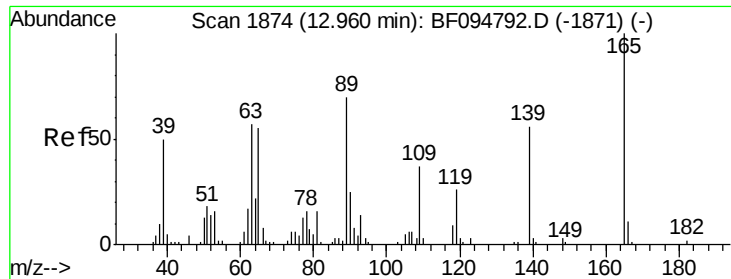
mohammad
 5/24/2017 4:43:17 PM



#54
 Dibenzofuran
 Concen: 48.46 ng
 RT: 12.95 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.6	45.8
169	13.4	10.8	16.2





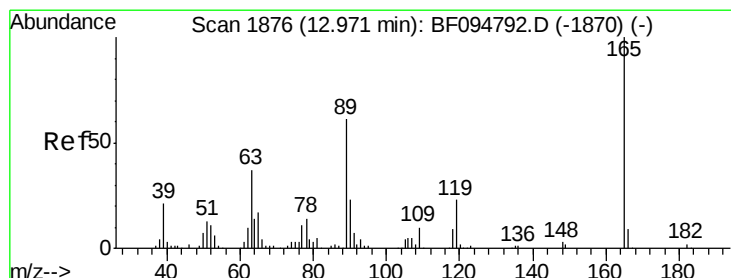
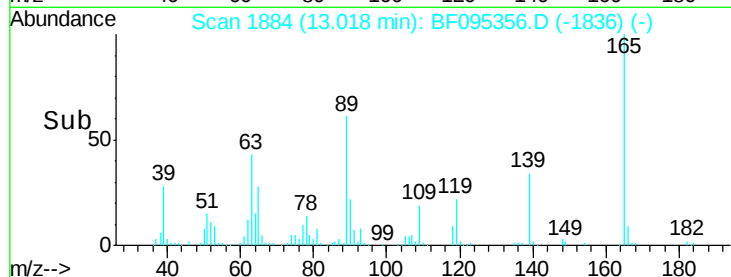
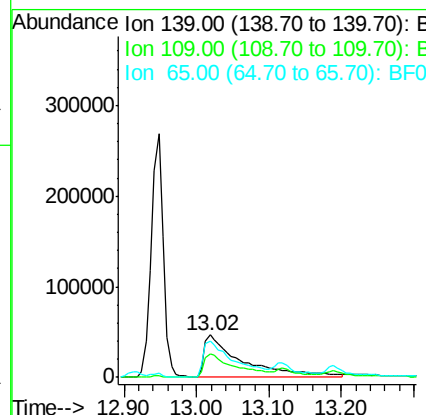
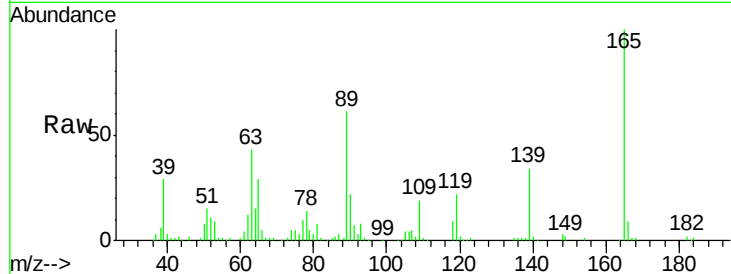
#55
4-Nitrophenol
Concen: 73.00 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	160966		
109	55.1	34.1	74.1	
65	86.4	31.4	71.4	

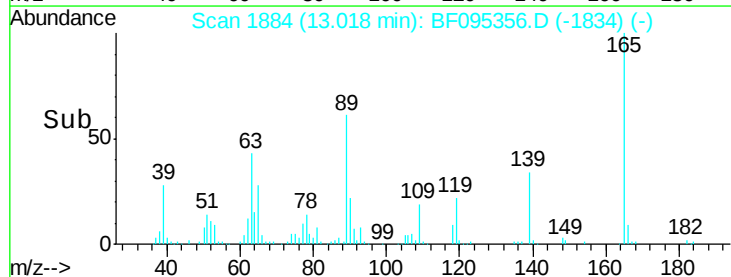
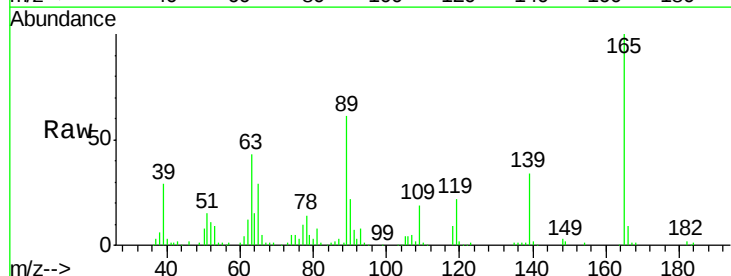
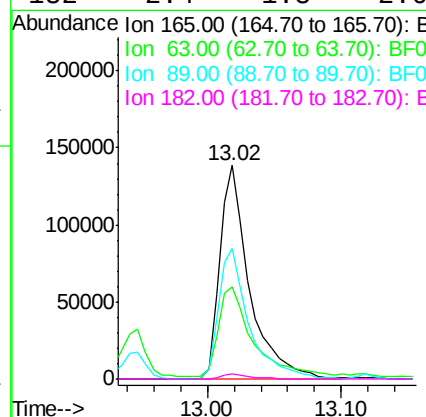
Manual Integrations
APPROVED

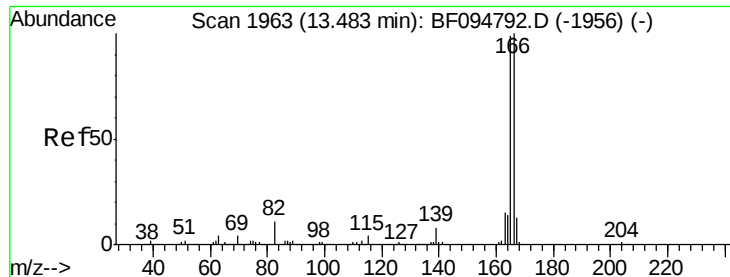
mohammad
5/24/2017 4:43:17 PM



#56
2,4-Dinitrotoluene
Concen: 49.18 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	216165		
63	42.9	25.4	38.0	
89	60.9	46.4	69.6	
182	2.4	1.8	2.6	





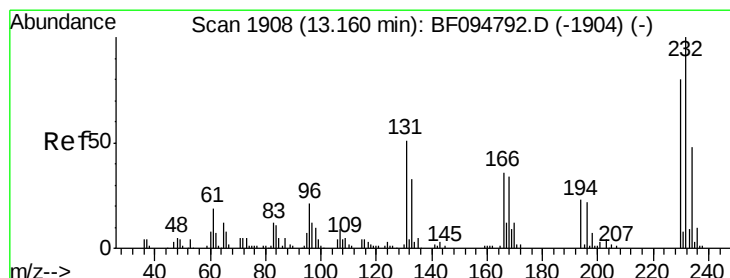
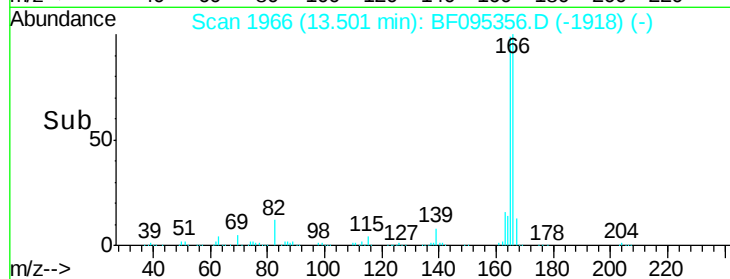
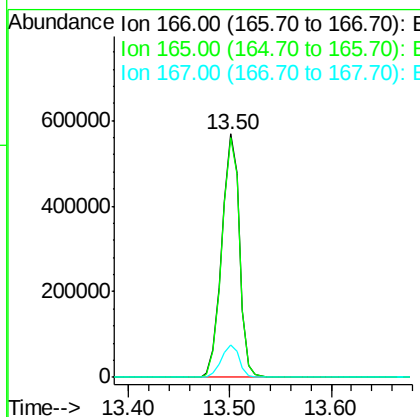
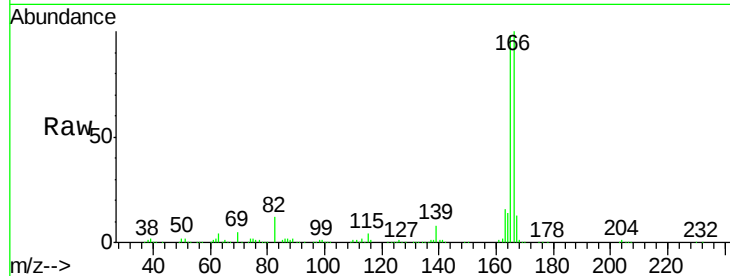
#57
 Fluorene
 Concen: 43.79 ng
 RT: 13.50 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.4	10.6	16.0

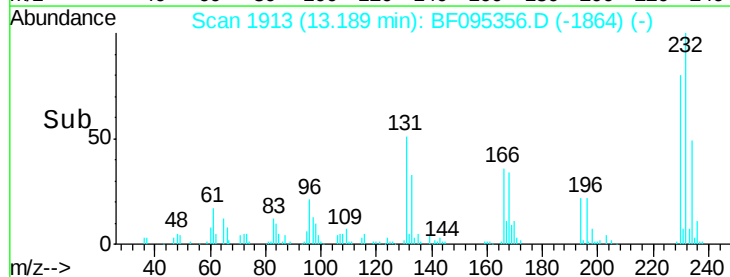
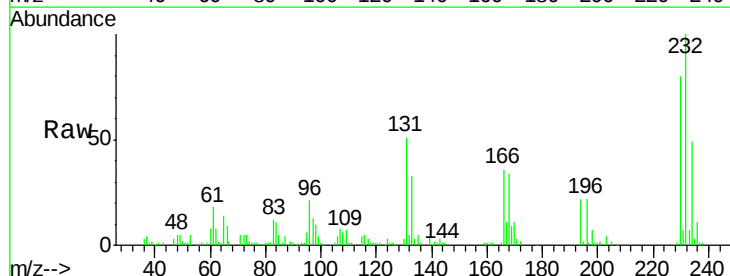
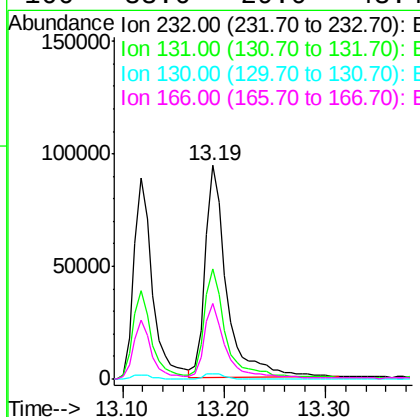
Manual Integrations
 APPROVED

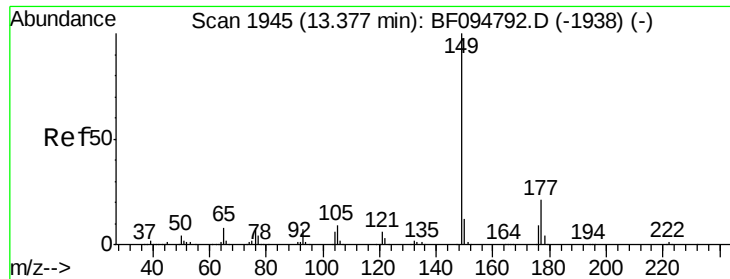
mohammad
 5/24/2017 4:43:17 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.49 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.8	44.8	67.2
130	2.2	2.3	3.5#
166	33.6	29.0	43.4





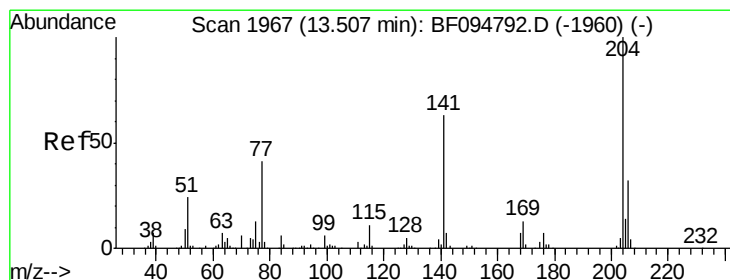
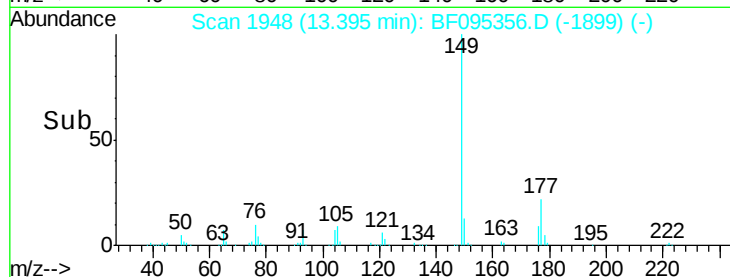
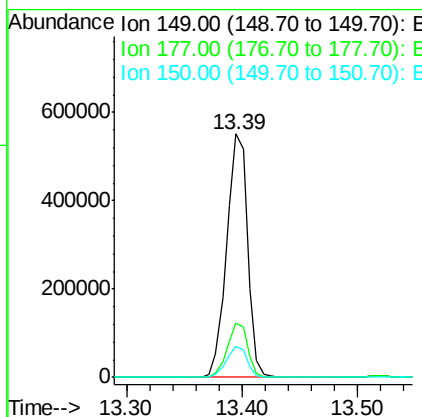
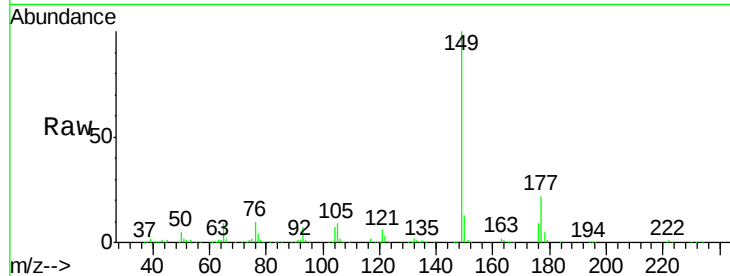
#59
Diethylphthalate
Concen: 42.95 ng
RT: 13.39 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	690177		
177	22.4	16.7	25.1	
150	12.7	10.2	15.2	

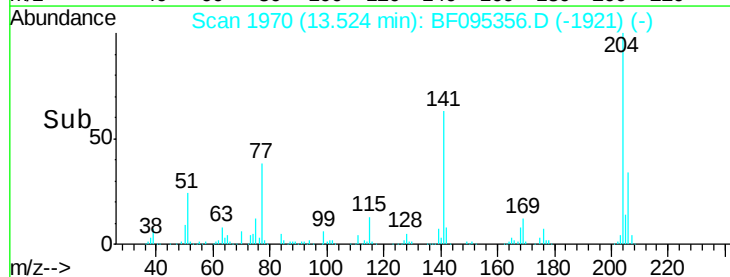
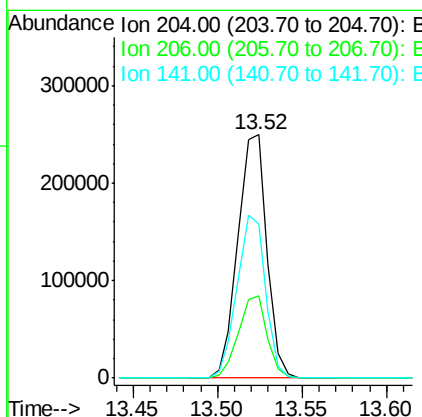
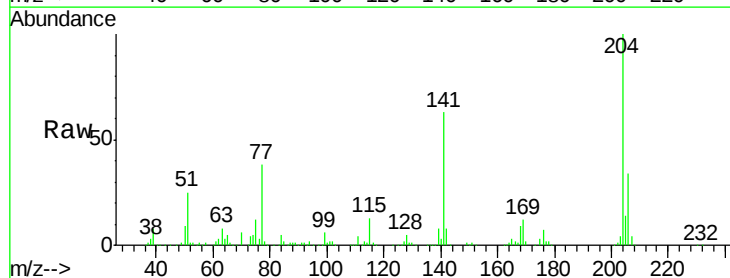
Manual Integrations
APPROVED

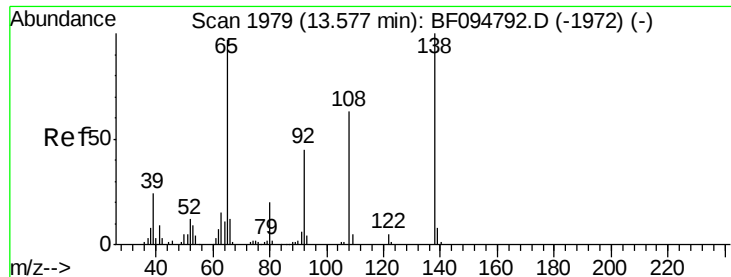
mohammad
5/24/2017 4:43:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.61 ng
RT: 13.52 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	299612		
206	33.9	26.2	39.2	
141	63.3	60.8	91.2	





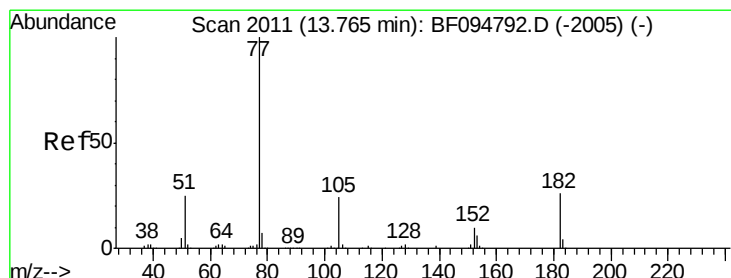
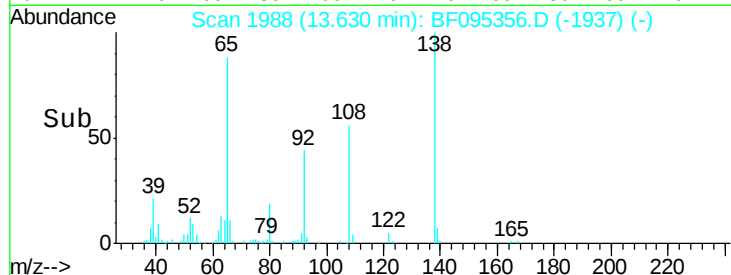
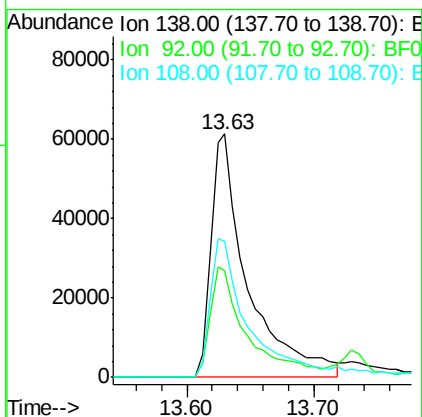
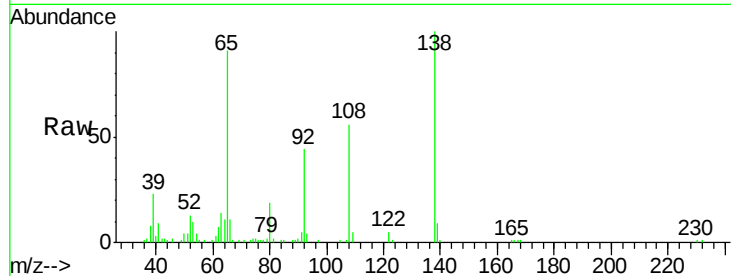
#61
4-Nitroaniline
Concen: 36.76 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.7	21.8	61.8
108	55.8	42.3	82.3

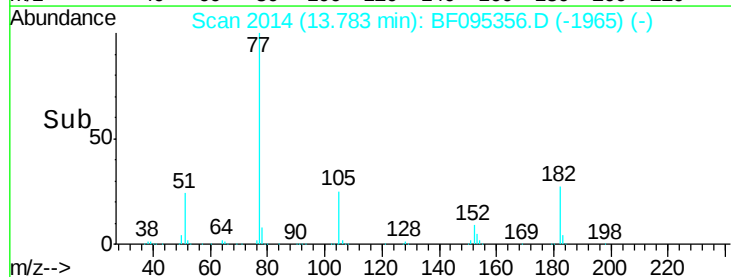
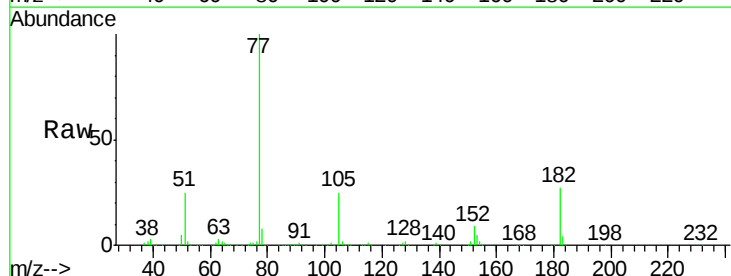
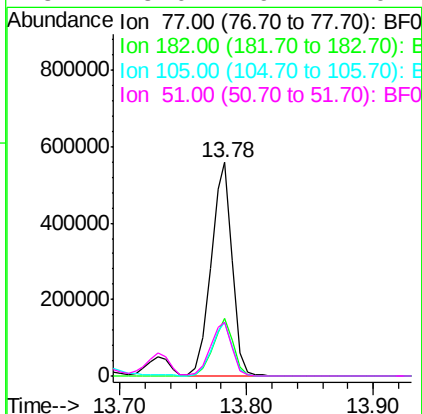
Manual Integrations
APPROVED

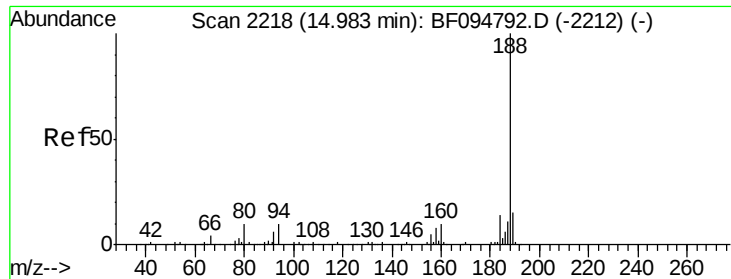
mohammad
5/24/2017 4:43:17 PM



#62
Azobenzene
Concen: 50.14 ng
RT: 13.78 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	0.1	40.1
105	25.2	3.6	43.6
51	25.0	9.4	49.4





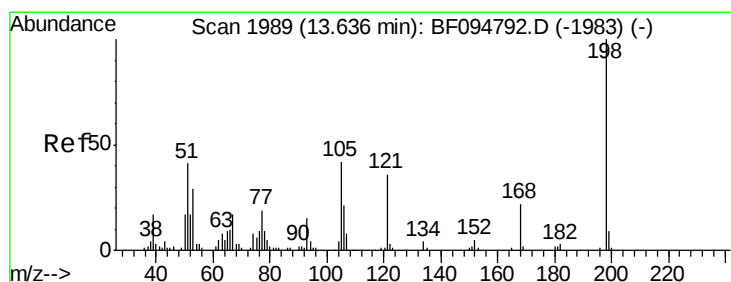
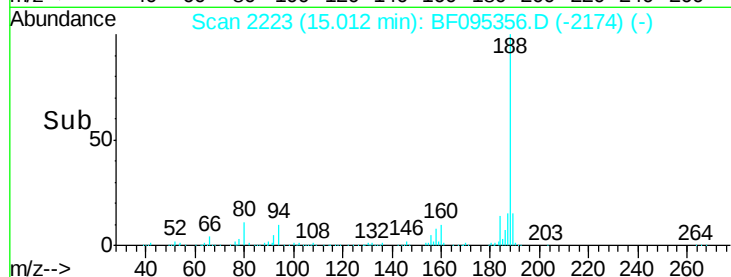
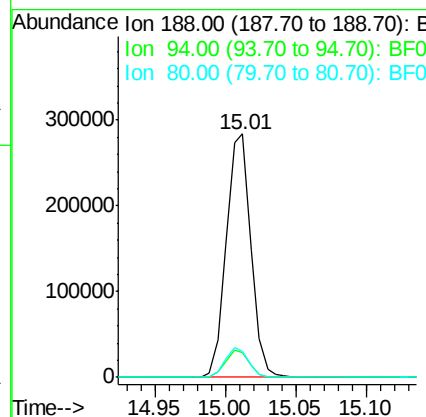
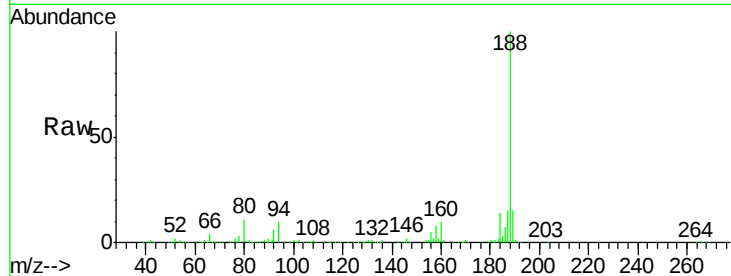
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	343451		
94	10.2		9.4	14.2
80	10.5		10.2	15.2

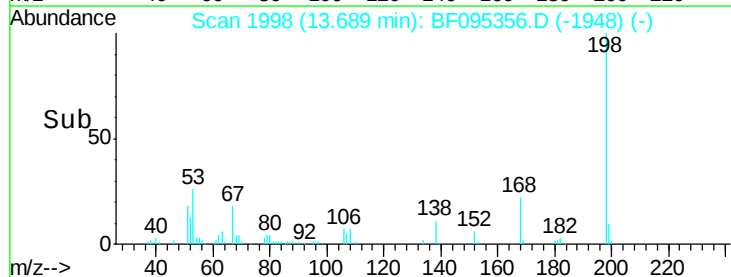
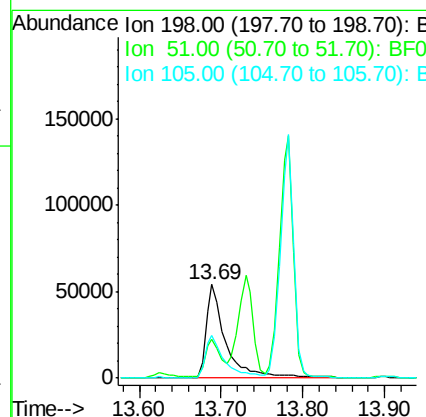
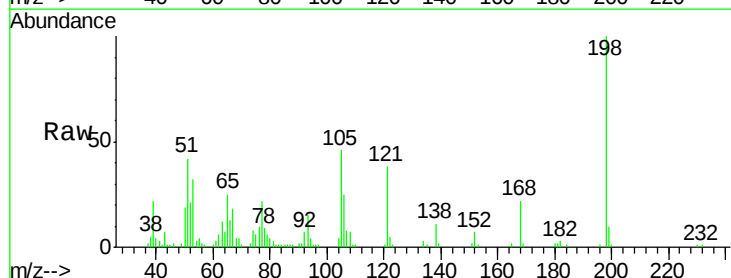
Manual Integrations
APPROVED

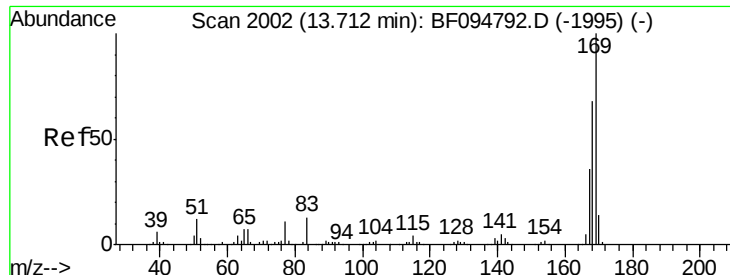
mohammad
5/24/2017 4:43:17 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.56 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91076		
51	41.6		53.2	93.2#
105	46.1		45.8	85.8





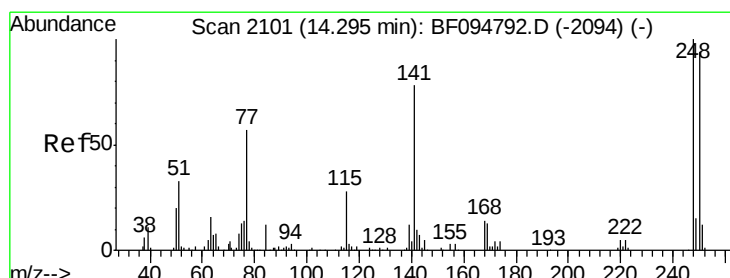
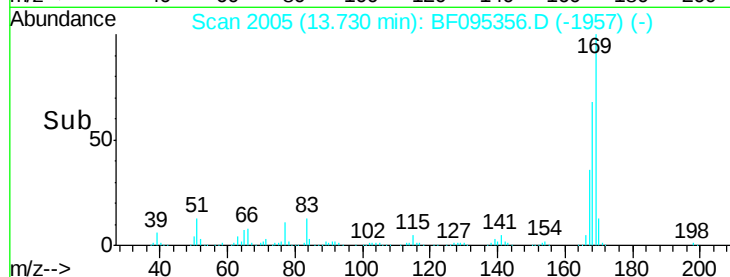
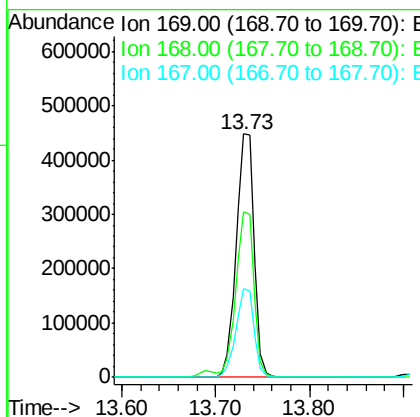
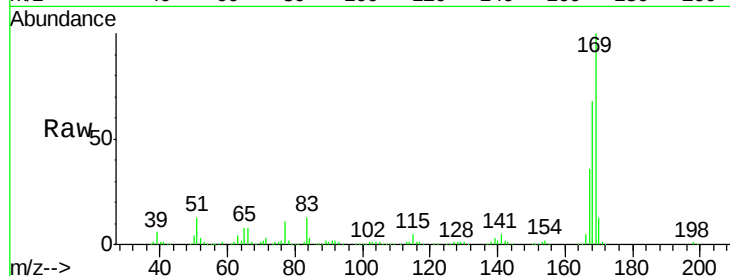
#65
n-Nitrosodiphenylamine
Concen: 47.57 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	592938		
168	68.1	53.2	79.8	
167	36.5	29.5	44.3	

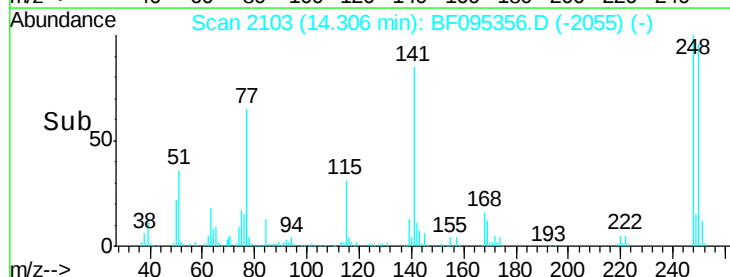
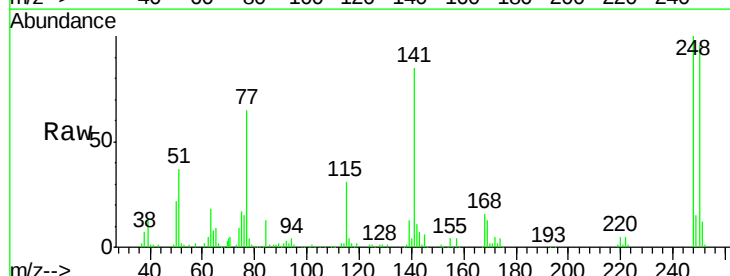
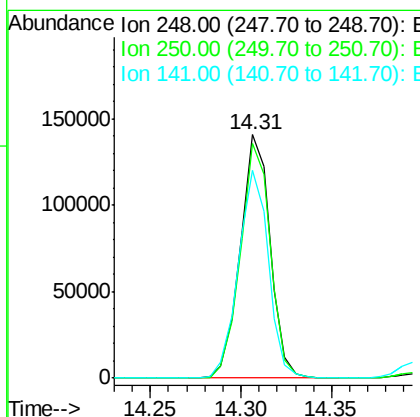
Manual Integrations
APPROVED

mohammad
5/24/2017 4:43:17 PM



#66
4-Bromophenyl-phenylether
Concen: 44.58 ng
RT: 14.31 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	161747		
250	96.1	76.8	115.2	
141	85.4	68.6	103.0	





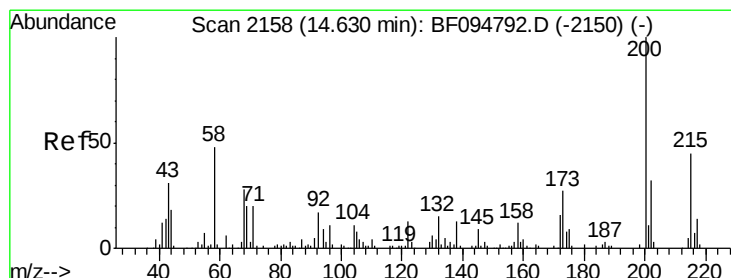
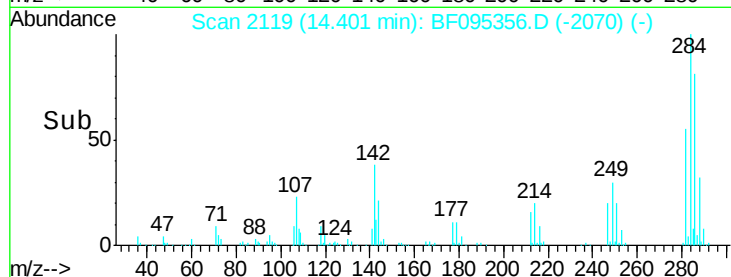
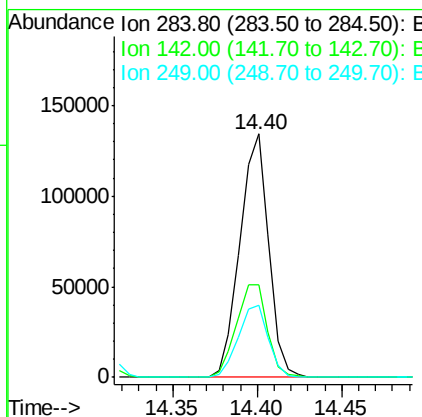
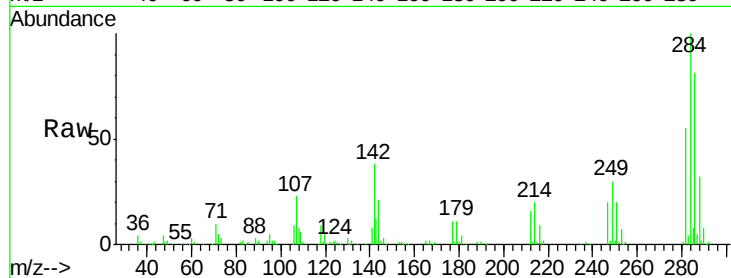
#67
Hexachlorobenzene
Concen: 43.04 ng
RT: 14.40 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	160063		
142	37.8	22.8	34.2#	
249	29.6	24.0	36.0	

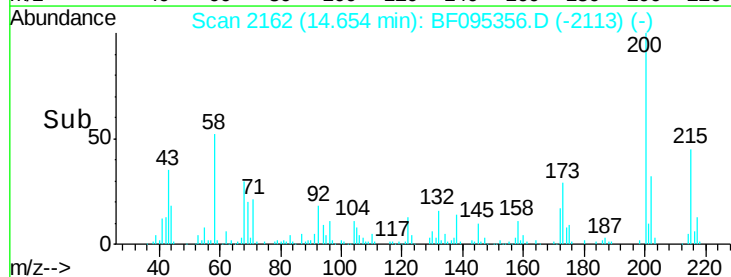
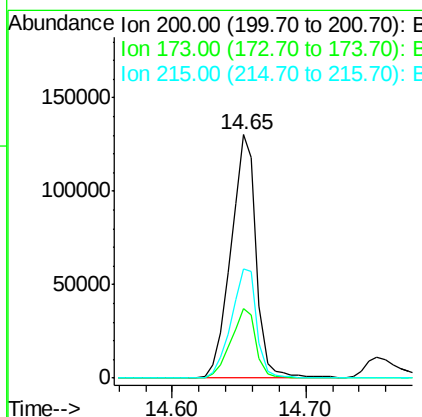
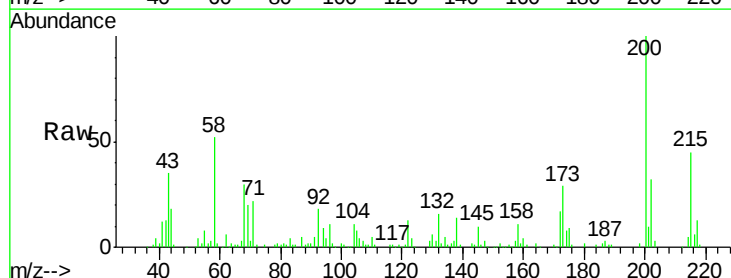
Manual Integrations
APPROVED

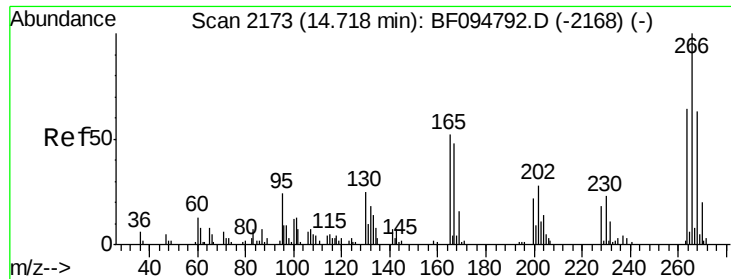
mohammad
5/24/2017 4:43:17 PM



#68
Atrazine
Concen: 49.20 ng
RT: 14.65 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	173161		
173	28.8	6.3	46.3	
215	45.0	27.2	67.2	





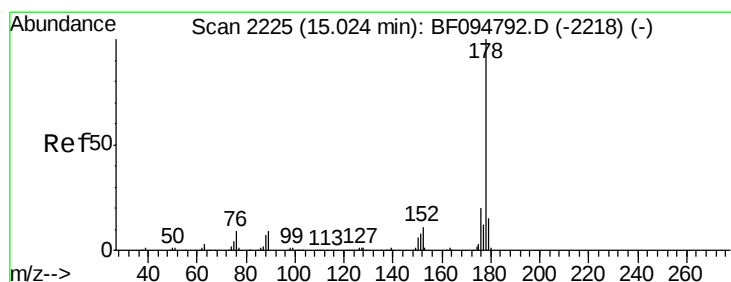
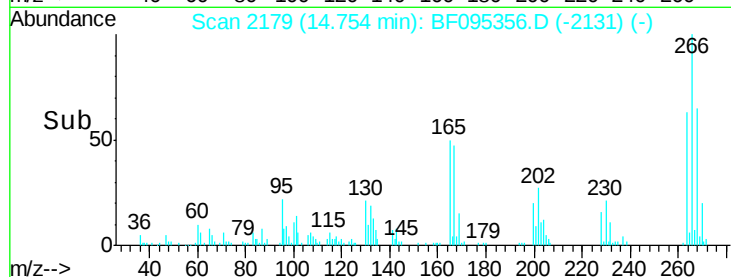
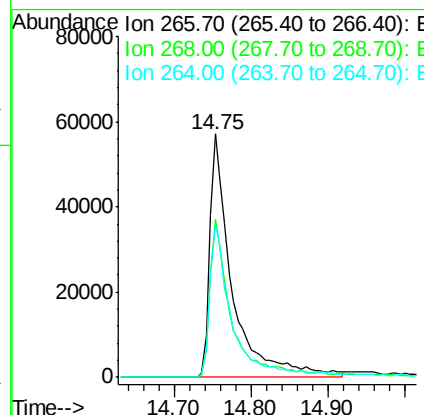
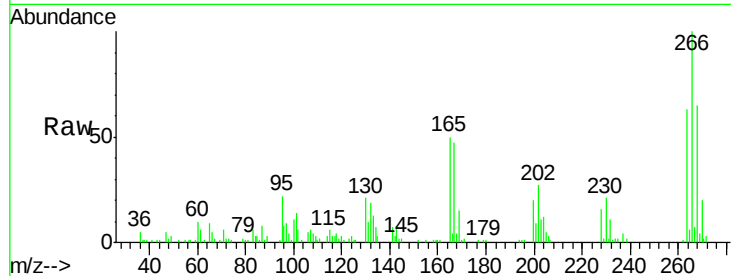
#69
 Pentachlorophenol
 Concen: 69.03 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	114609		
268	65.1	51.1	76.7	
264	62.7	51.7	77.5	

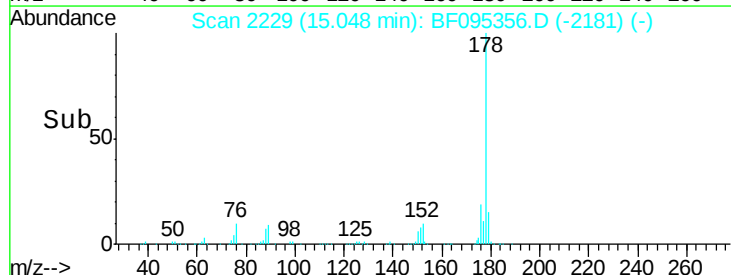
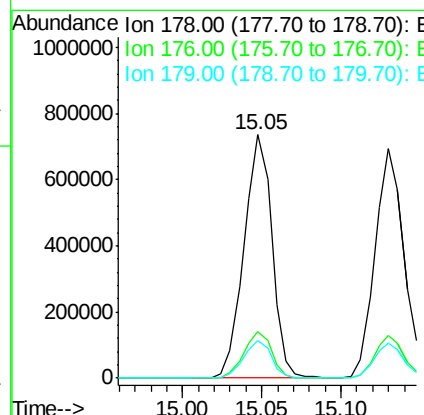
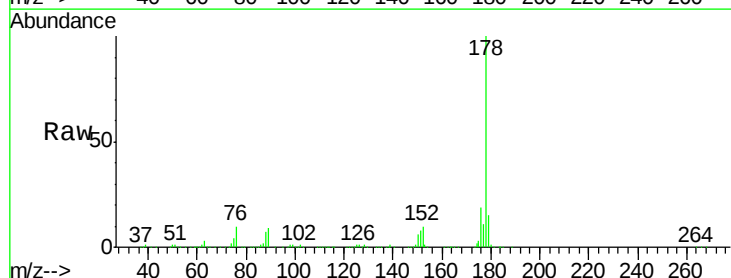
Manual Integrations
 APPROVED

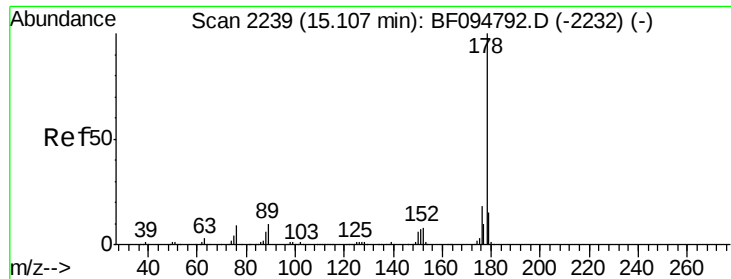
mohammad
 5/24/2017 4:43:17 PM



#70
 Phenanthrene
 Concen: 45.66 ng
 RT: 15.05 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	901131		
176	19.1	16.2	24.4	
179	15.2	12.6	19.0	





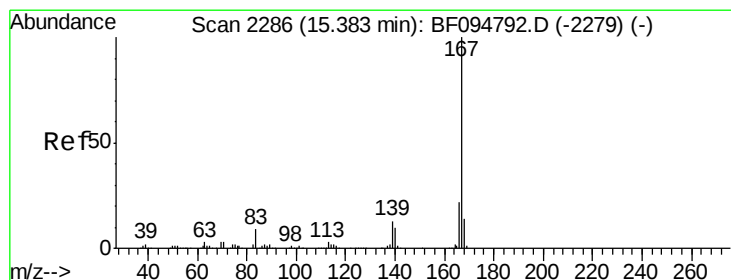
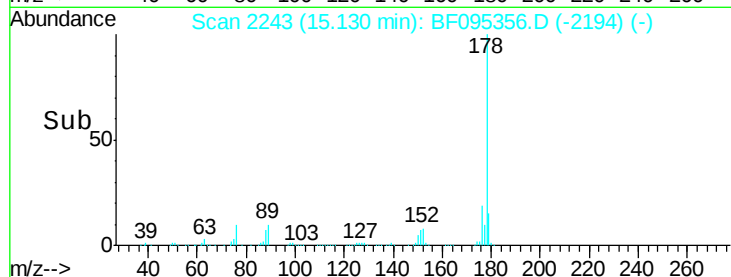
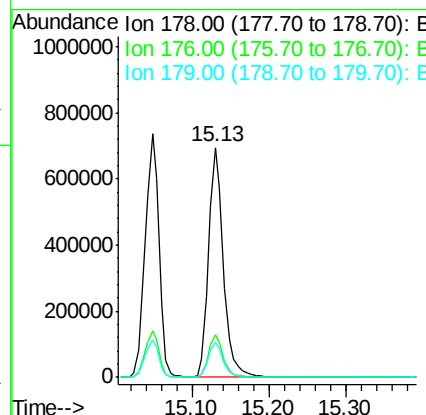
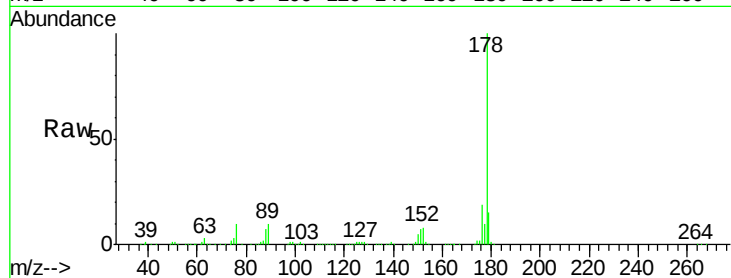
#71
 Anthracene
 Concen: 45.91 ng
 RT: 15.13 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.4	12.7	19.1

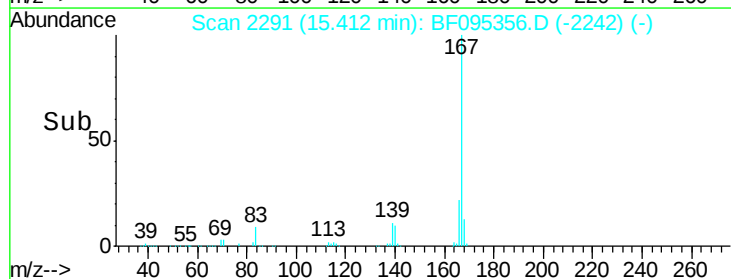
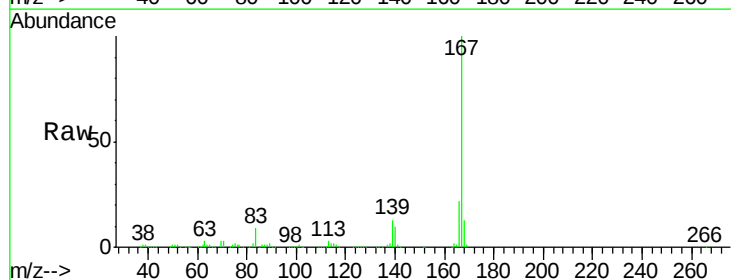
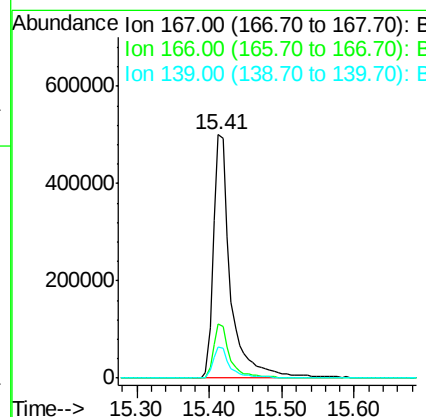
Manual Integrations
 APPROVED

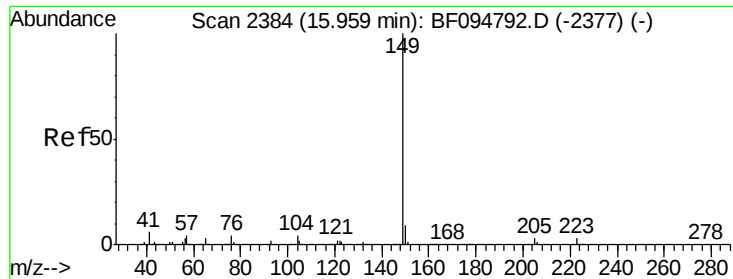
mohammad
 5/24/2017 4:43:17 PM



#72
 Carbazole
 Concen: 45.23 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	12.7	11.7	17.5





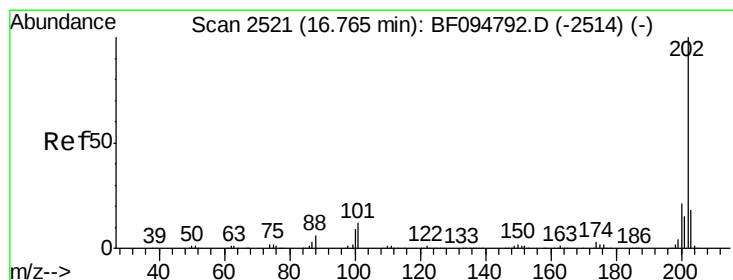
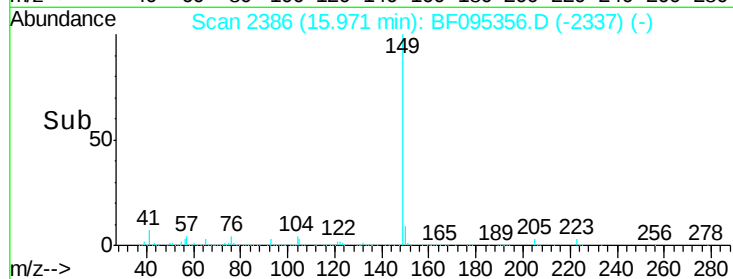
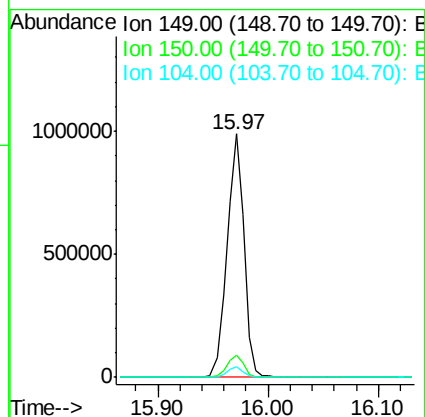
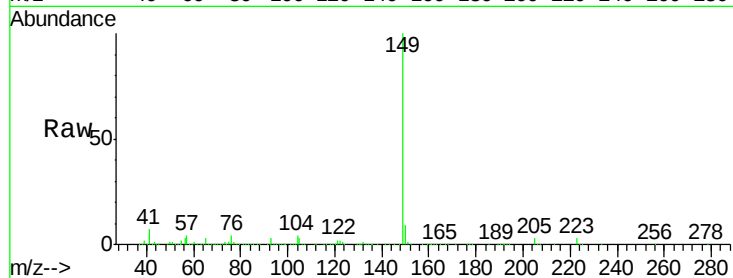
#73
Di-n-butylphthalate
Concen: 46.47 ng
RT: 15.97 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.2	4.0	6.0

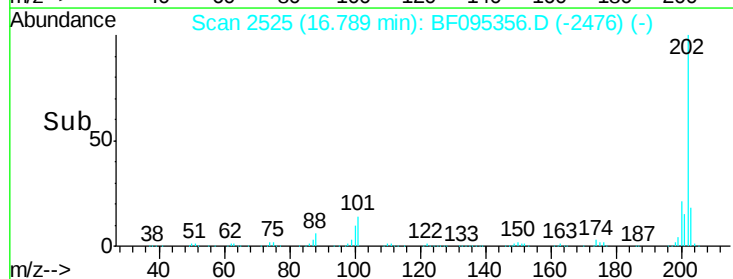
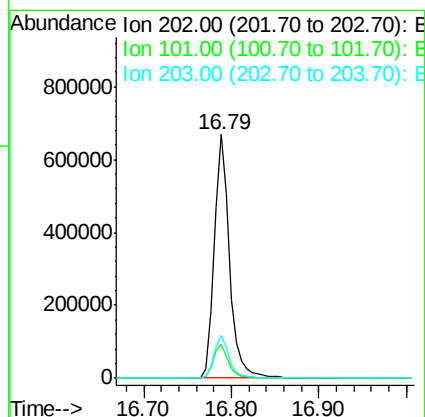
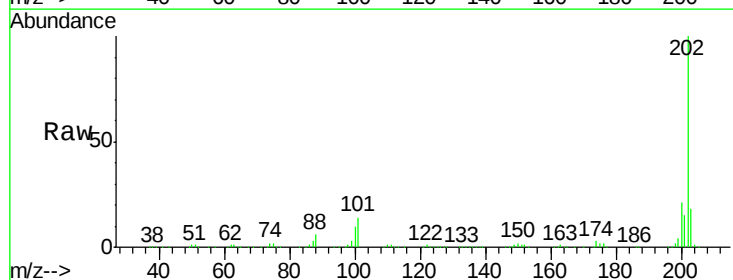
Manual Integrations
APPROVED

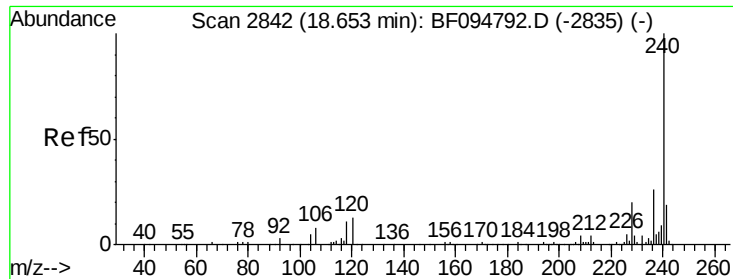
mohammad
5/24/2017 4:43:17 PM



#74
Fluoranthene
Concen: 40.32 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.6	0.0	38.1





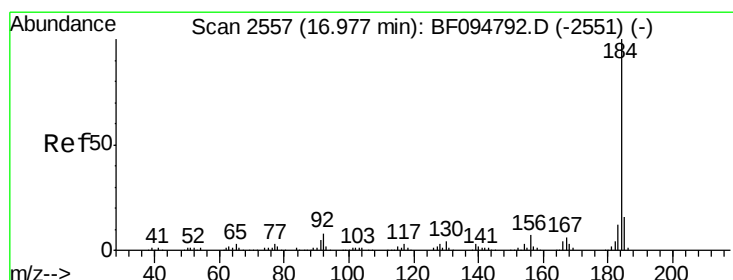
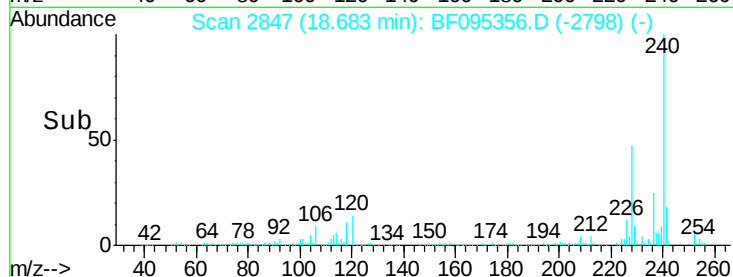
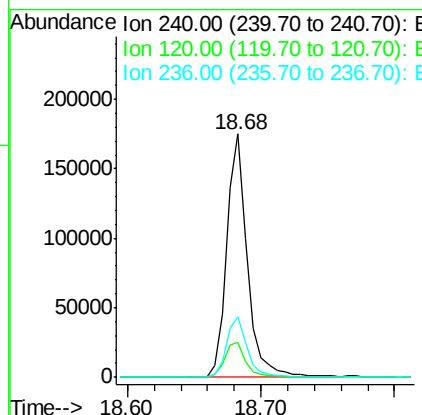
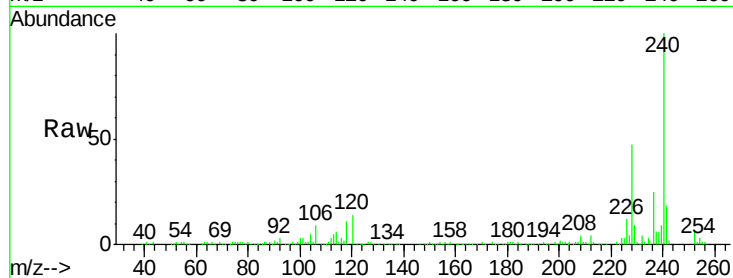
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	191134		
120	14.1	5.8	8.8#	
236	25.0	20.5	30.7	

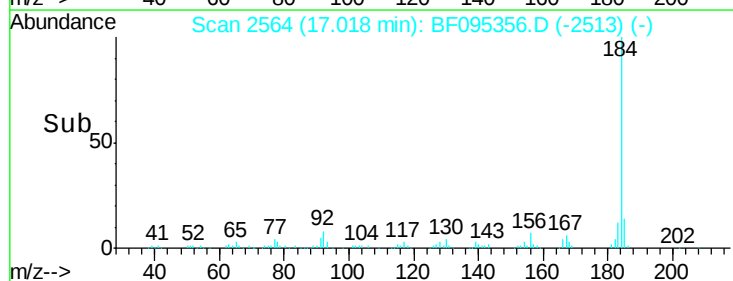
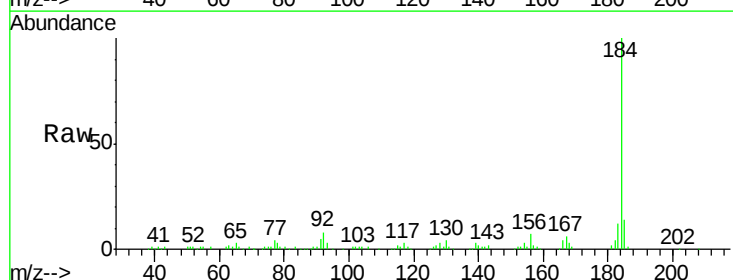
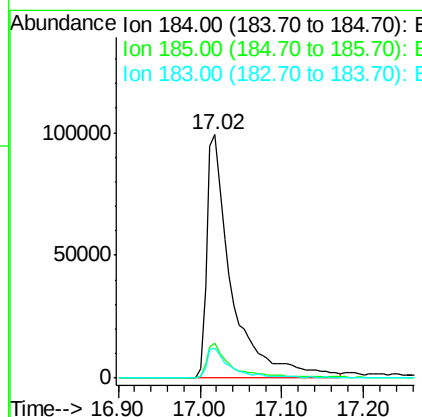
Manual Integrations
APPROVED

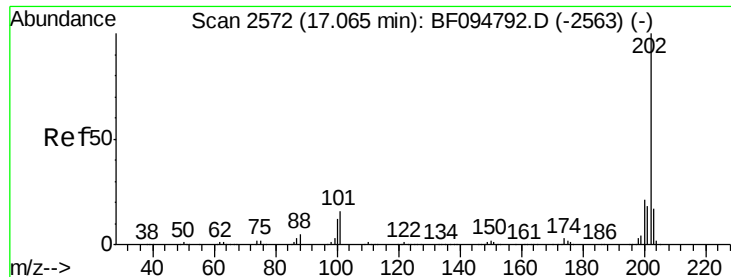
mohammad
5/24/2017 4:43:17 PM



#76
Benzidine
Concen: 41.83 ng
RT: 17.02 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	211129		
185	14.1	15.5	23.3#	
183	12.5	9.8	14.6	





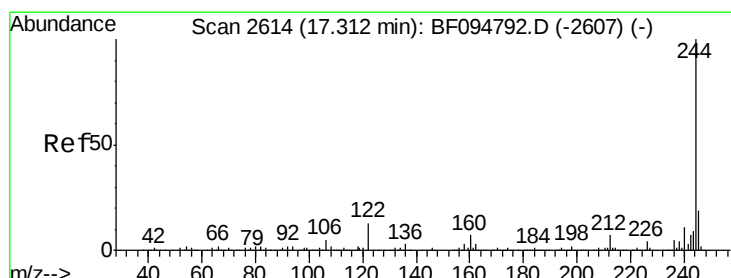
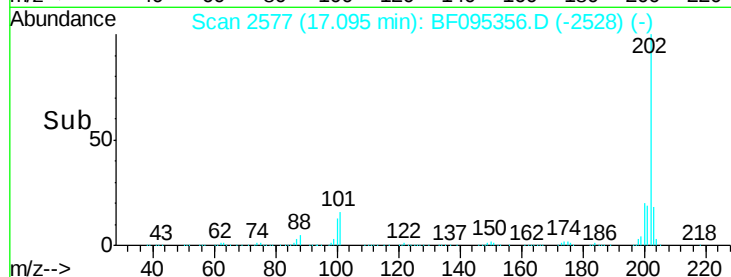
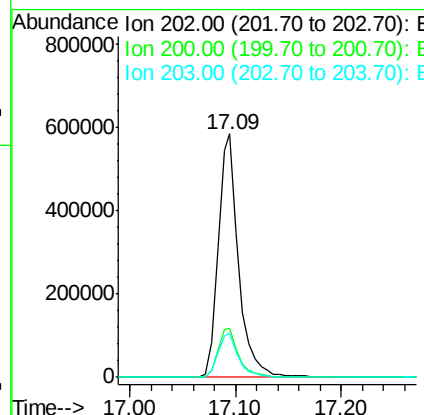
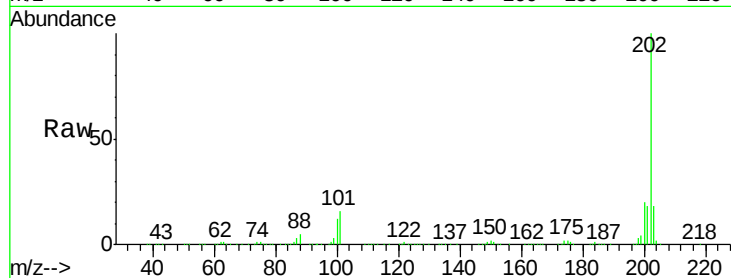
#77
 Pyrene
 Concen: 55.31 ng
 RT: 17.09 min Scan# 2577
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.4	17.6	26.4
203	17.9	14.4	21.6

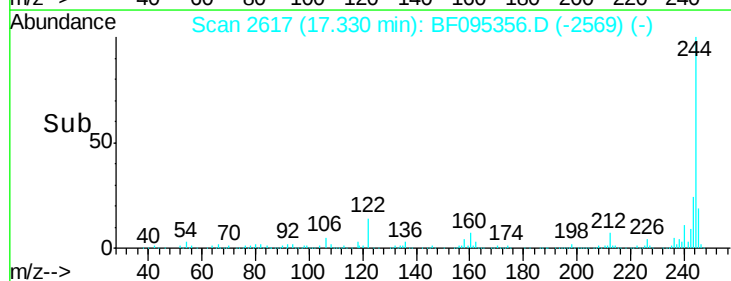
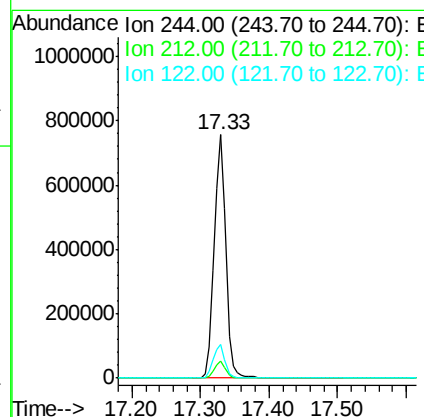
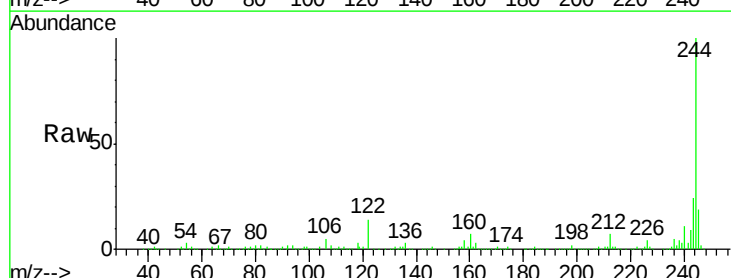
Manual Integrations
 APPROVED

mohammad
 5/24/2017 4:43:17 PM



#78
 Terphenyl-d14
 Concen: 103.85 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	6.0	9.0
122	13.9	10.3	15.5





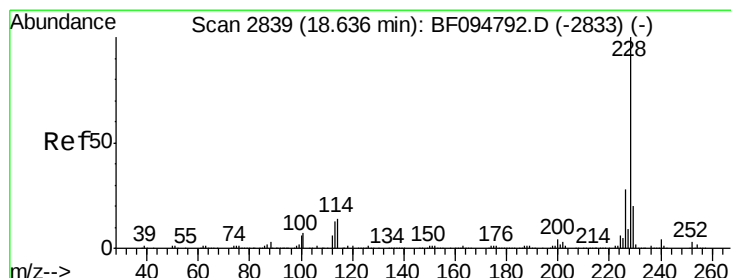
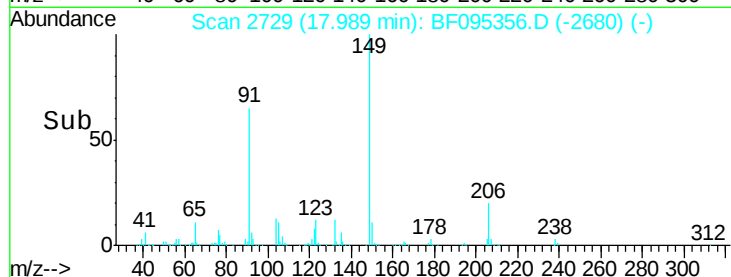
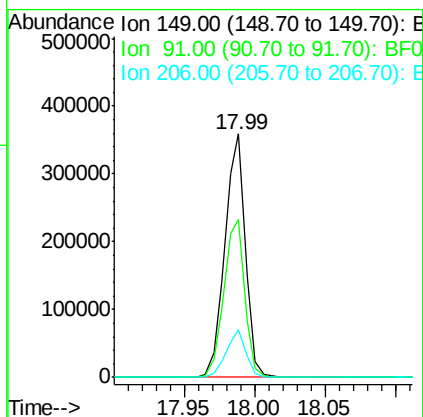
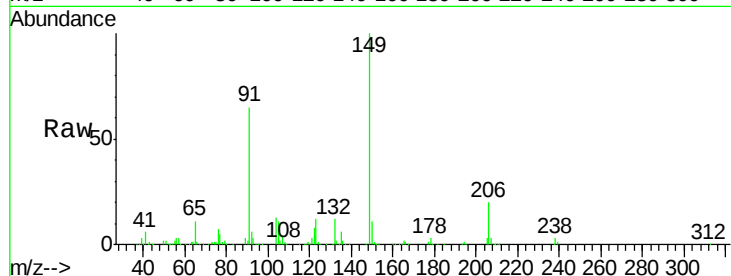
#79
Butylbenzylphthalate
Concen: 54.33 ng
RT: 17.99 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	64.6	45.0	67.4
206	19.6	17.0	25.6

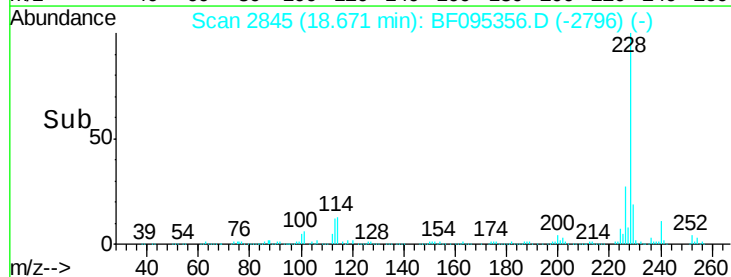
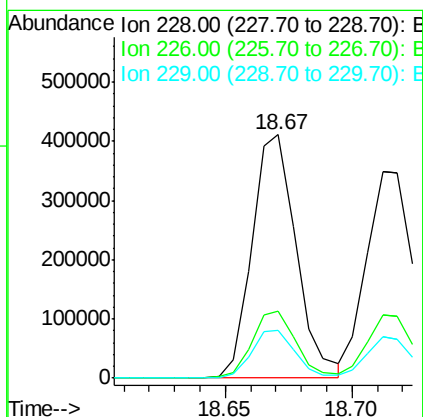
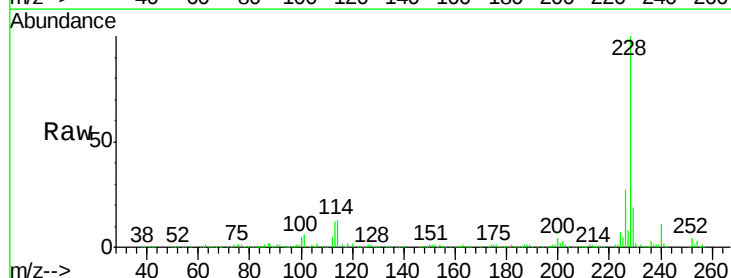
Manual Integrations
APPROVED

mohammad
5/24/2017 4:43:17 PM



#80
Benzo(a)anthracene
Concen: 44.82 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.4	22.6	33.8
229	19.4	16.3	24.5





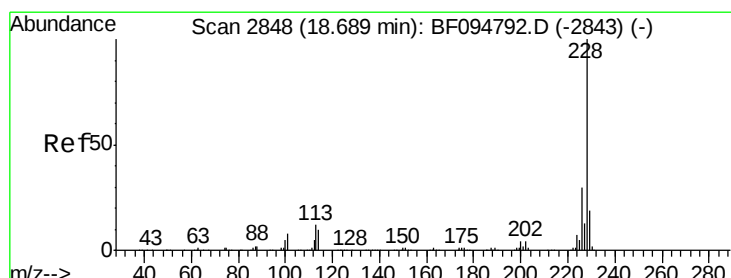
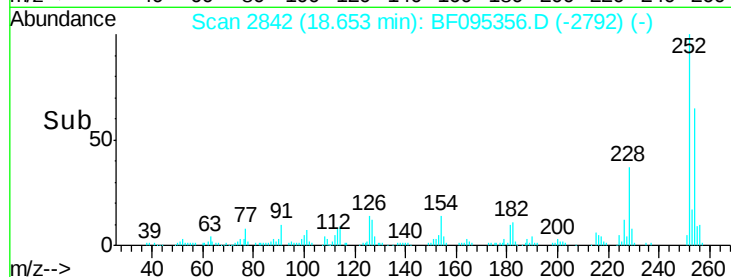
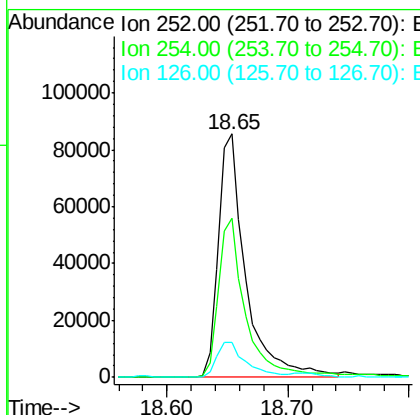
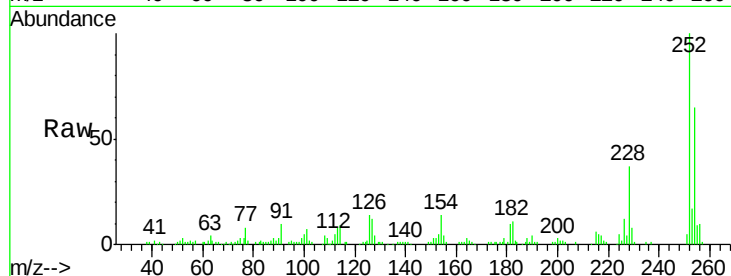
#81
 3,3'-Dichlorobenzidine
 Concen: 34.75 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	133490		
254	65.1	51.5	77.3	
126	14.1	15.8	23.8	

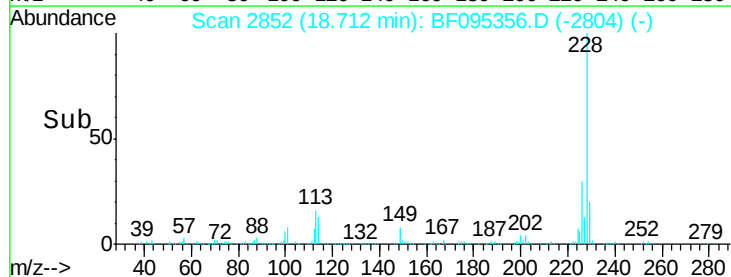
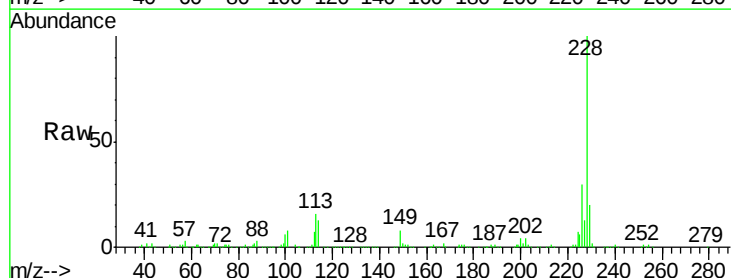
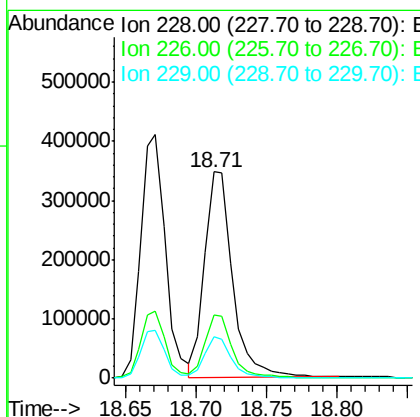
Manual Integrations
 APPROVED

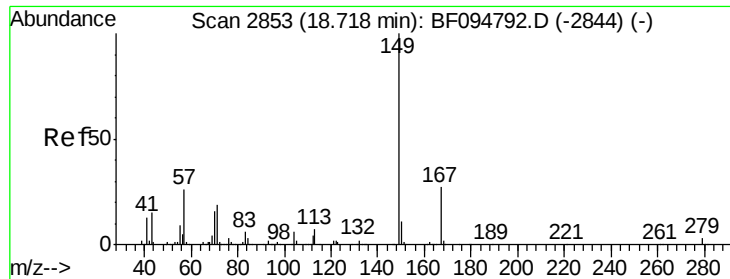
mohammad
 5/24/2017 4:43:17 PM



#82
 Chrysene
 Concen: 44.44 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	477971		
226	30.4	24.9	37.3	
229	20.2	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.27 ng

RT: 18.73 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

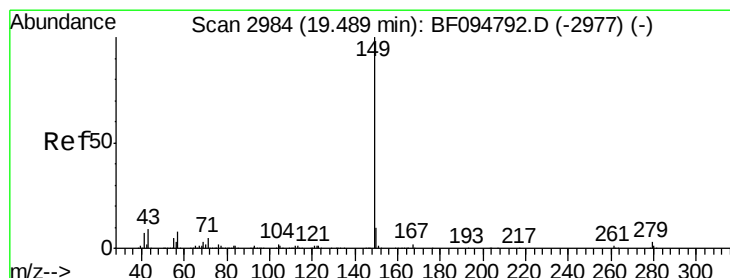
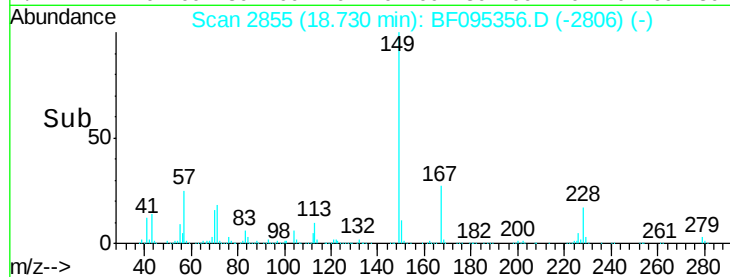
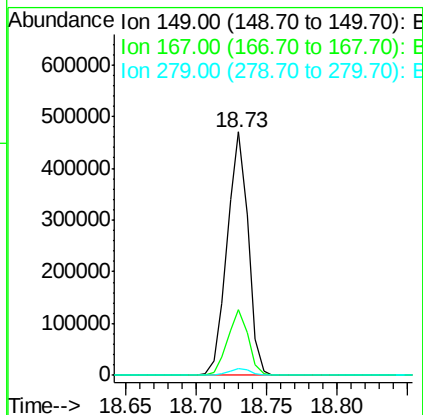
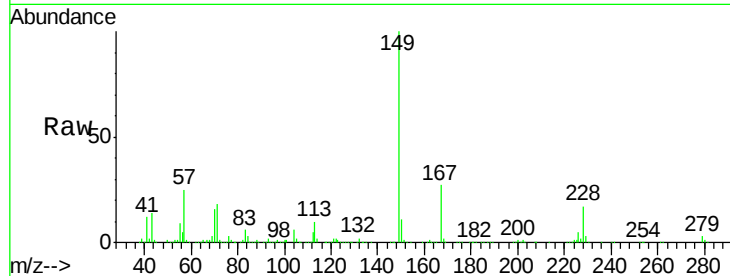
ClientSampleId :

NM4-COMP-6-18MS

Tgt Ion:	149	Resp:	485735
Ion Ratio		Lower	Upper
149	100		
167	27.2	21.0	31.4
279	2.9	1.9	2.9#

Manual Integrations
APPROVED

mohammad
5/24/2017 4:43:17 PM



#84

Di-n-octyl phthalate

Concen: 46.67 ng

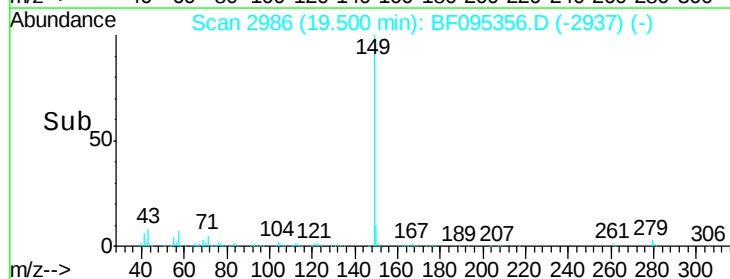
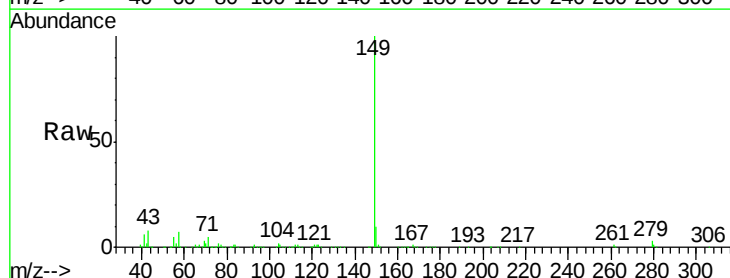
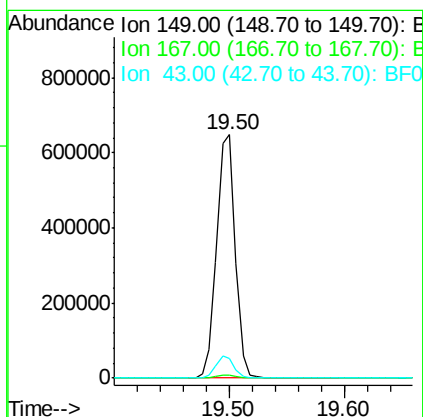
RT: 19.50 min Scan# 2986

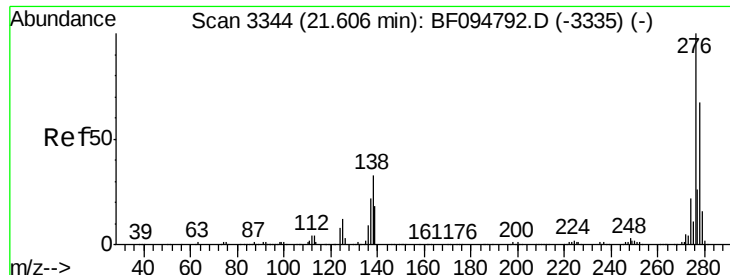
Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Tgt Ion:	149	Resp:	724918
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	8.5	12.7





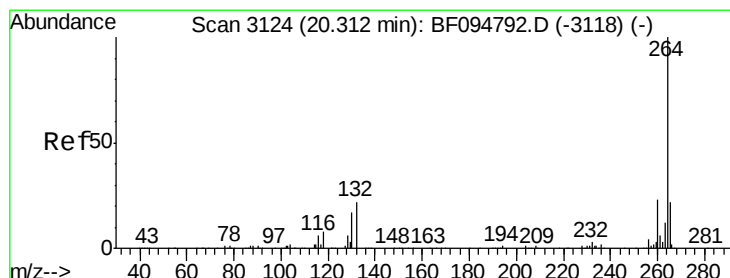
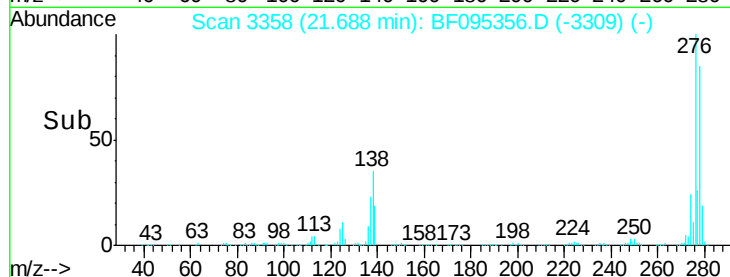
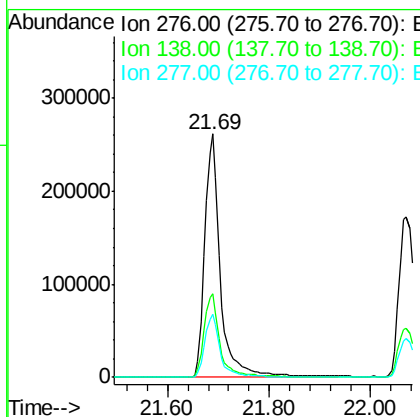
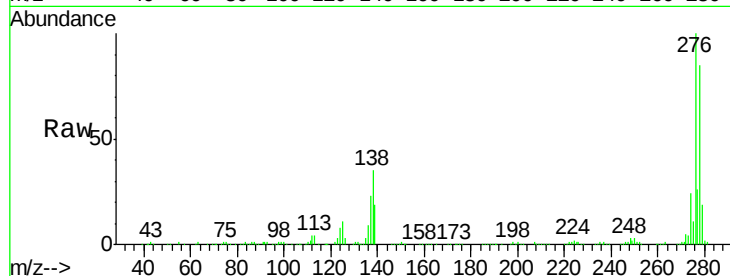
#85
Indeno(1,2,3-cd)pyrene
Concen: 64.40 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	562492		
138	35.0		27.8	41.6
277	25.2		20.2	30.4

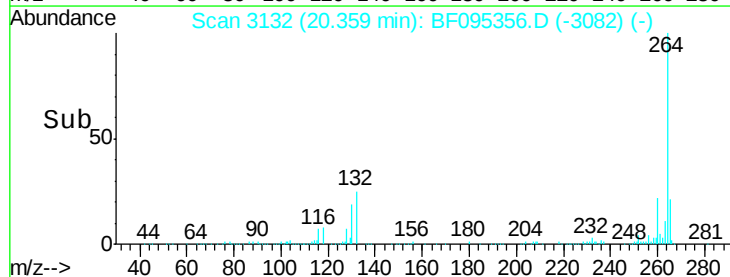
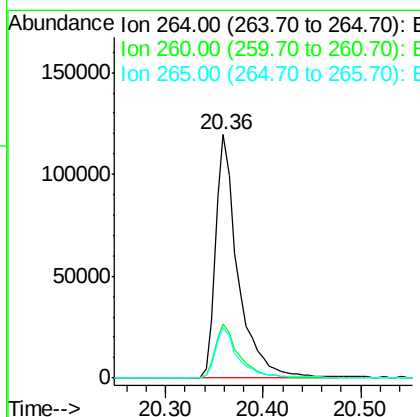
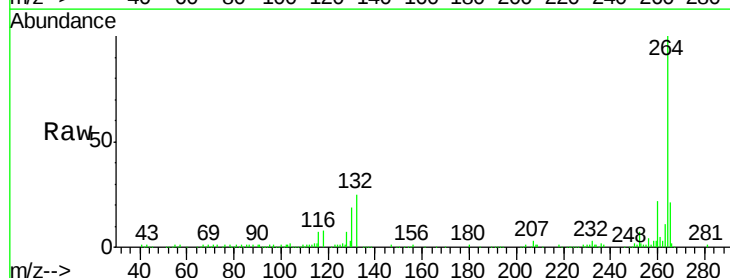
Manual Integrations
APPROVED

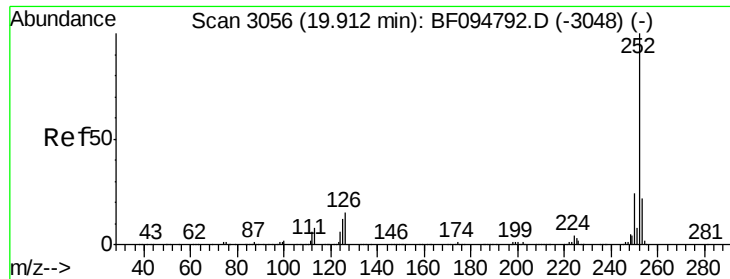
mohammad
5/24/2017 4:43:17 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	190230		
260	22.1		19.5	29.3
265	20.6		17.2	25.8





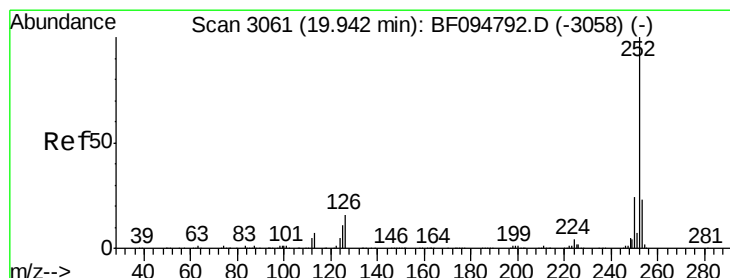
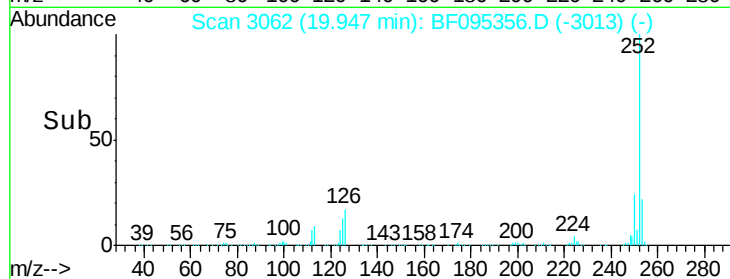
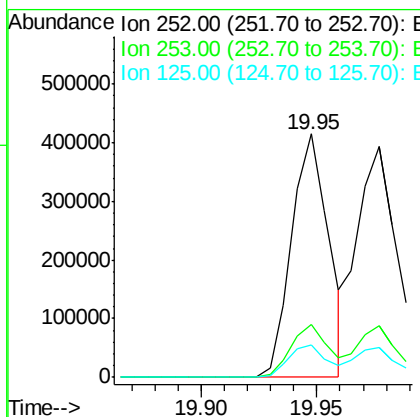
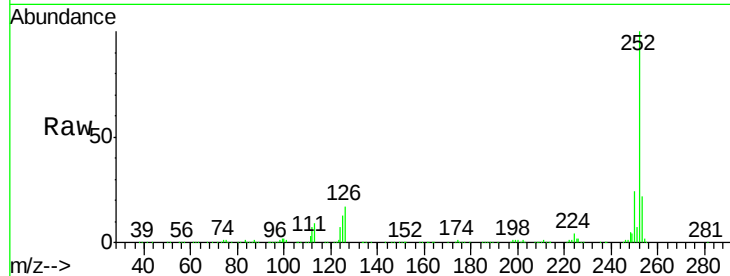
#87
Benzo(b)fluoranthene
Concen: 39.34 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.3	9.8	14.8

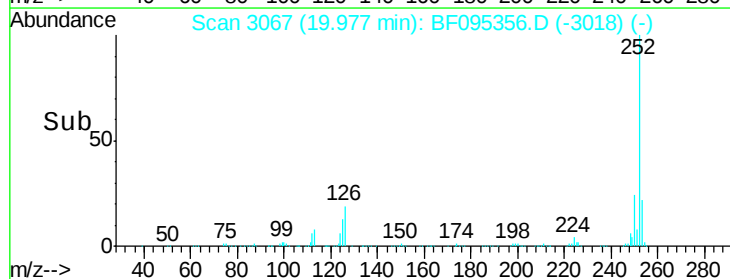
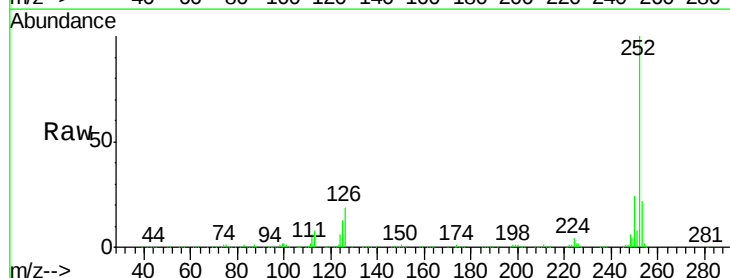
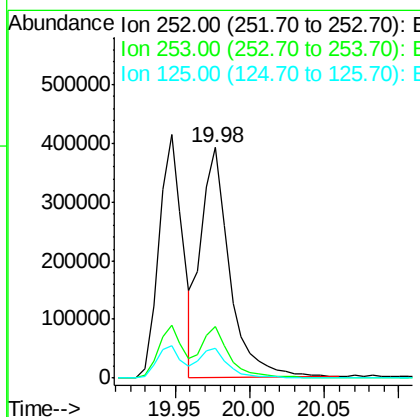
Manual Integrations
APPROVED

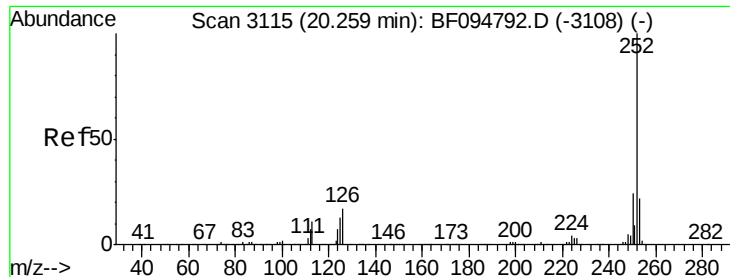
mohammad
5/24/2017 4:43:17 PM



#88
Benzo(k)fluoranthene
Concen: 45.66 ng
RT: 19.98 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.2	13.1	19.7





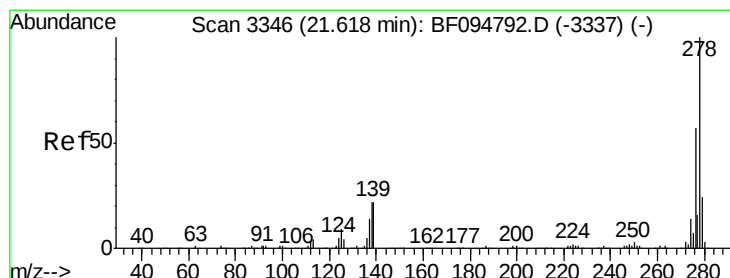
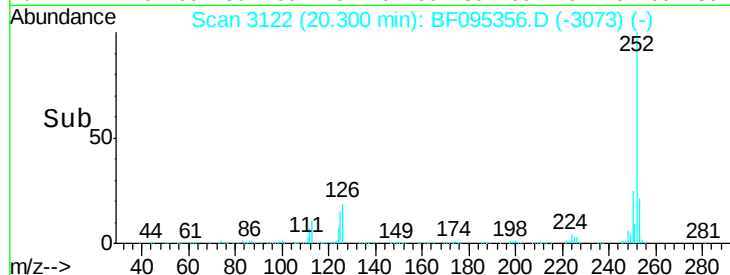
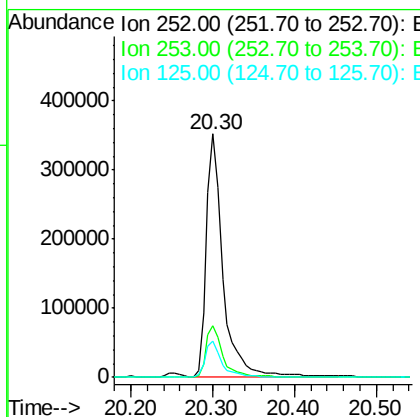
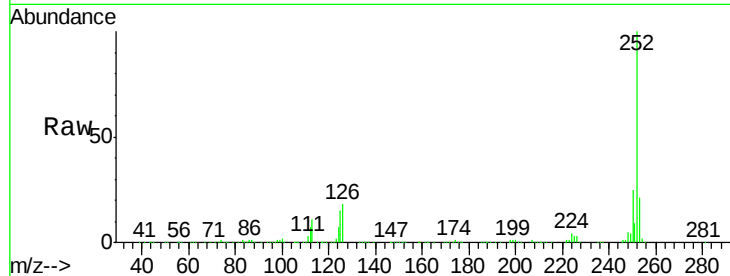
#89
Benzo(a)pyrene
Concen: 45.27 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	491061		
253	21.5	17.5	26.3	
125	14.9	11.0	16.4	

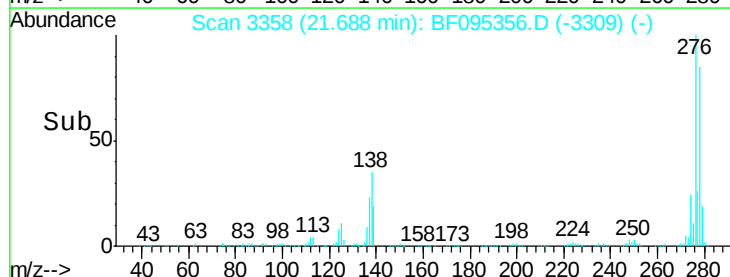
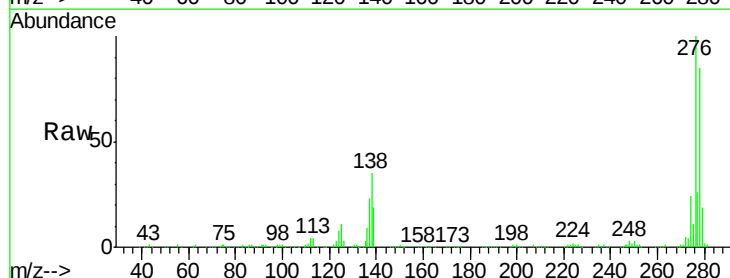
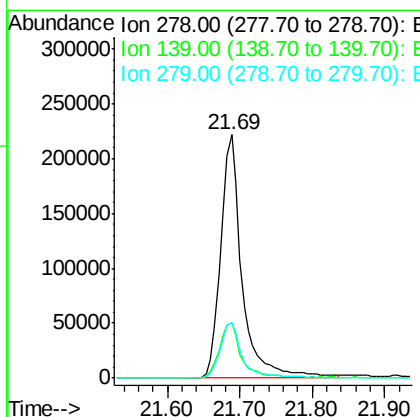
Manual Integrations
APPROVED

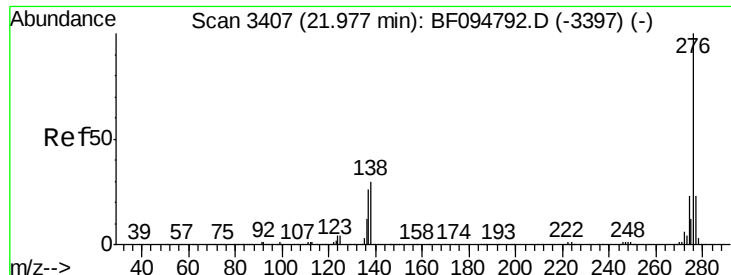
mohammad
5/24/2017 4:43:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.00 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	456841		
139	22.7	16.6	24.8	
279	22.8	19.3	28.9	





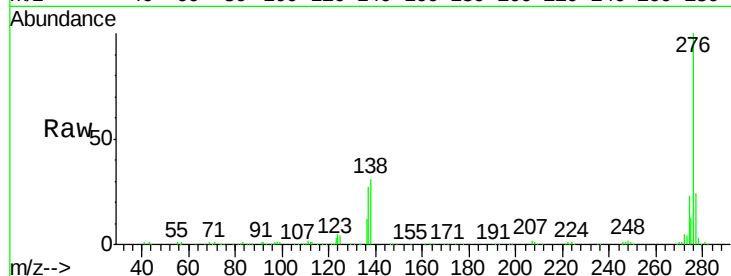
#91
 Benzo(g,h,i)perylene
 Concen: 52.90 ng
 RT: 22.07 min Scan# 3423
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	18.6	28.0
138	31.0	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/24/2017 4:43:17 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

