

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095987.D
 Acq On : 17 Jun 2017 9:17
 Operator : SJ/MA
 Sample : I3688-13MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Manual Integrations
 APPROVED

mohammad
 6/19/2017 3:47:55 PM

Quant Time: Jun 19 01:34:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	62106	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	255932	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	111361	20.00	ng	0.00
63) Phenanthrene-d10	14.56	188	172464	20.00	ng	0.00
75) Chrysene-d12	18.29	240	121621	20.00	ng	-0.01
86) Perylene-d12	19.96	264	116278	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	559144	143.46	ng	0.00
7) Phenol-d6	6.90	99	672784	144.19	ng	0.00
23) Nitrobenzene-d5	8.25	82	407797	98.96	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	125113	126.98	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	748035	93.48	ng	0.00
78) Terphenyl-d14	16.94	244	462756	94.43	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.69	88	72512	39.11	ng	91
3) Pyridine	2.23	79	165393	37.95	ng	99
4) n-Nitrosodimethylamine	2.20	42	76799	46.36	ng	# 79
6) Aniline	6.83	93	200907	32.91	ng	93
8) 2-Chlorophenol	7.01	128	207929	50.17	ng	95
9) Benzaldehyde	6.65	77	58833	18.69	ng	92
10) Phenol	6.92	94	254959	52.67	ng	91
11) bis(2-Chloroethyl)ether	6.97	93	185480	48.37	ng	95
12) 1,3-Dichlorobenzene	7.22	146	215620	45.97	ng	97
13) 1,4-Dichlorobenzene	7.35	146	219836	46.21	ng	96
14) 1,2-Dichlorobenzene	7.58	146	209825	47.85	ng	95
15) Benzyl Alcohol	7.63	79	161201	50.33	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.82	45	253745	47.10	ng	97
17) 2-Methylphenol	7.87	107	168713	48.51	ng	97
18) Hexachloroethane	8.09	117	72003	45.83	ng	# 87
19) n-Nitroso-di-n-propylamine	8.06	70	140177	47.41	ng	93
20) 3+4-Methylphenols	8.14	107	214519	48.59	ng	# 58
22) Acetophenone	8.02	105	285070	47.59	ng	# 83
24) Nitrobenzene	8.27	77	199962	45.42	ng	90
25) Isophorone	8.67	82	352206	45.77	ng	98
26) 2-Nitrophenol	8.79	139	111668	48.44	ng	97
27) 2,4-Dimethylphenol	8.95	122	176456	49.33	ng	97
28) bis(2-Chloroethoxy)methane	9.06	93	232954	45.93	ng	99
29) 2,4-Dichlorophenol	9.23	162	159694	46.35	ng	99
30) 1,2,4-Trichlorobenzene	9.29	180	166212	46.36	ng	98
31) Naphthalene	9.39	128	597701	46.53	ng	99
32) Benzoic acid	9.26	122	16008m	11.51	ng	
33) 4-Chloroaniline	9.55	127	130043	25.90	ng	# 91
34) Hexachlorobutadiene	9.60	225	82153	44.35	ng	97
35) Caprolactam	10.17	113	51363m	50.10	ng	
36) 4-Chloro-3-methylphenol	10.43	107	175099	48.55	ng	90
37) 2-Methylnaphthalene	10.52	142	400596	46.16	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.79	216	152846	45.86	ng	99
40) Hexachlorocyclopentadiene	10.76	237	22292	29.58	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095987.D
 Acq On : 17 Jun 2017 9:17
 Operator : SJ/MA
 Sample : I3688-13MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Manual Integrations
 APPROVED

mohammad
 6/19/2017 3:47:55 PM

Quant Time: Jun 19 01:34:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	104128	48.59	nq	99
43) 2,4,5-Trichlorophenol	11.13	196	98123	43.05	nq	95
45) 1,1'-Biphenyl	11.28	154	434357	47.32	nq	98
46) 2-Chloronaphthalene	11.29	162	332641	46.38	nq	94
47) 2-Nitroaniline	11.52	65	97621	46.52	nq	# 82
48) Acenaphthylene	11.94	152	514620	41.97	nq	100
49) Dimethylphthalate	11.84	163	487560	57.66	nq	98
50) 2,6-Dinitrotoluene	11.94	165	82891	44.95	nq	# 75
51) Acenaphthene	12.23	154	318192	44.93	nq	99
52) 3-Nitroaniline	12.20	138	68947	32.09	nq	99
53) 2,4-Dinitrophenol	12.45	184	33933m	36.34	nq	
54) Dibenzofuran	12.52	168	480856	48.24	nq	98
55) 4-Nitrophenol	12.64	139	87201	70.11	nq	# 76
56) 2,4-Dinitrotoluene	12.61	165	114168	45.83	nq	# 90
57) Fluorene	13.07	166	373537	43.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.77	232	69455	44.54	nq	# 97
59) Diethylphthalate	12.98	149	379387	46.62	nq	99
60) 4-Chlorophenyl-phenylether	13.09	204	167985	44.53	nq	90
61) 4-Nitroaniline	13.20	138	77048	38.40	nq	96
62) Azobenzene	13.35	77	343810	46.62	nq	94
64) 4,6-Dinitro-2-methylphenol	13.29	198	29323	25.87	nq	# 58
65) n-Nitrosodiphenylamine	13.31	169	316336	51.05	nq	98
66) 4-Bromophenyl-phenylether	13.87	248	90818	50.67	nq	95
67) Hexachlorobenzene	13.96	284	85421	48.36	nq	# 87
68) Atrazine	14.23	200	91449	53.02	nq	95
69) Pentachlorophenol	14.33	266	42563	64.91	nq	98
70) Phenanthrene	14.60	178	570983	57.38	nq	98
71) Anthracene	14.69	178	493869	47.54	nq	97
72) Carbazole	14.99	167	431758	42.65	nq	98
73) Di-n-butylphthalate	15.58	149	551116	51.17	nq	98
74) Fluoranthene	16.39	202	542913	55.12	nq	98
76) Benzidine	16.62	184	156327	33.47	nq	# 91
77) Pyrene	16.69	202	530529	58.46	nq	99
79) Butylbenzylphthalate	17.61	149	183698	46.35	nq	# 84
80) Benzo(a)anthracene	18.28	228	373629	52.84	nq	98
81) 3,3'-Dichlorobenzidine	18.26	252	110027	43.77	nq	# 95
82) Chrysene	18.32	228	367275	51.97	nq	99
83) Bis(2-ethylhexyl)phthalate	18.36	149	248578	44.46	nq	# 99
84) Di-n-octyl phthalate	19.13	149	421152	45.72	nq	96
85) Indeno(1,2,3-cd)pyrene	21.11	276	295803	48.92	nq	98
87) Benzo(b)fluoranthene	19.55	252	402939	55.34	nq	98
88) Benzo(k)fluoranthene	19.58	252	322870	46.39	nq	96
89) Benzo(a)pyrene	19.90	252	349395	52.21	nq	99
90) Dibenzo(a,h)anthracene	21.11	278	243803	42.95	nq	98
91) Benzo(g,h,i)perylene	21.44	276	243442	42.07	nq	98

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

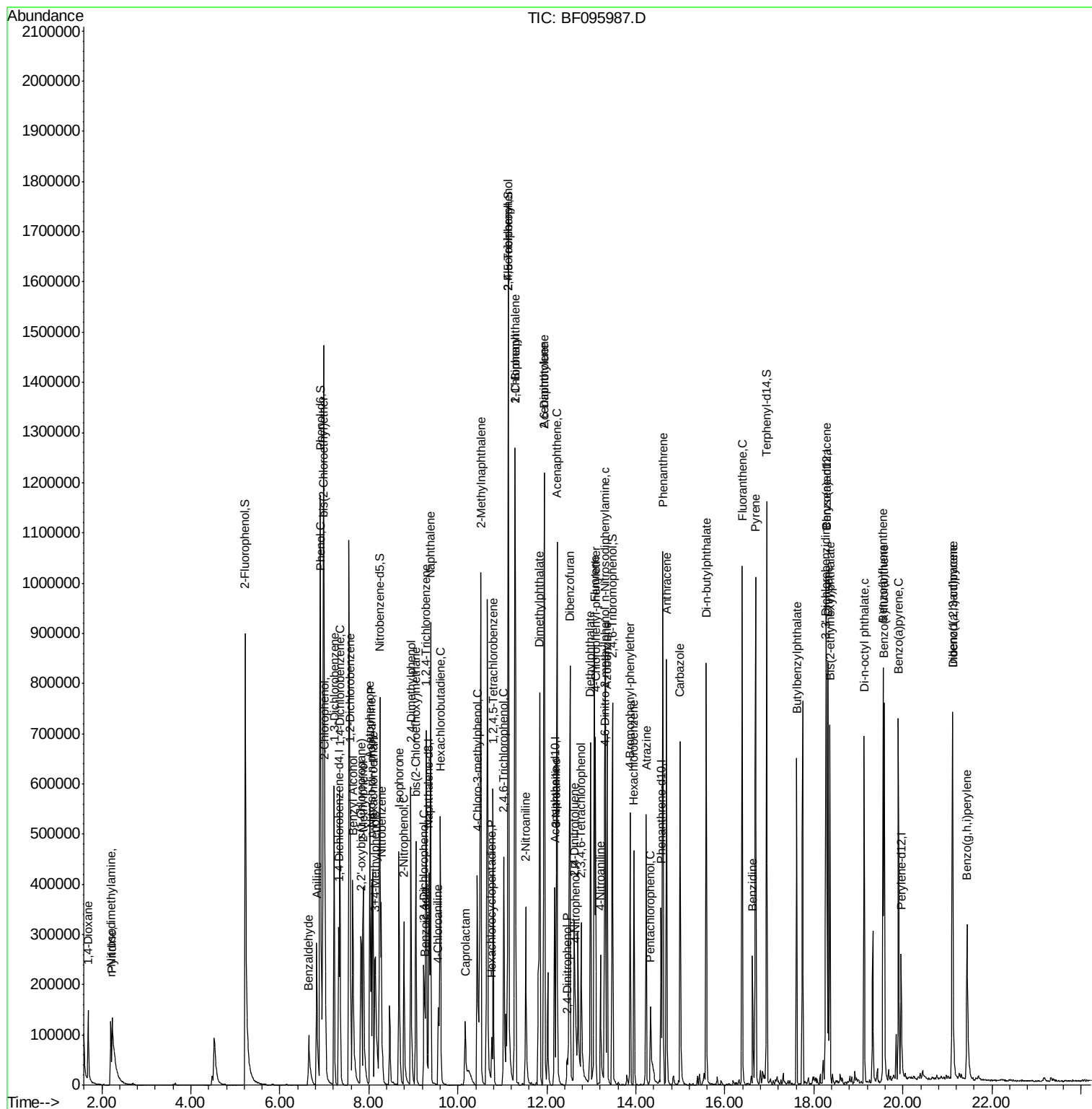
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095987.D
 Acq On : 17 Jun 2017 9:17
 Operator : SJ/MA
 Sample : I3688-13MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

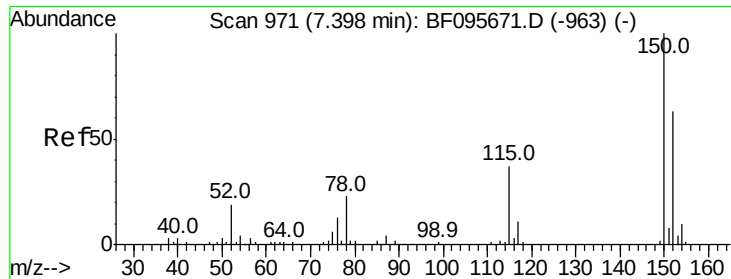
Instrument :
 BNA_F
 ClientSampled :
 G13-0-1.5MS

Manual Integrations
 APPROVED

mohammad
 6/19/2017 3:47:55 PM

Quant Time: Jun 19 01:34:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration





#1

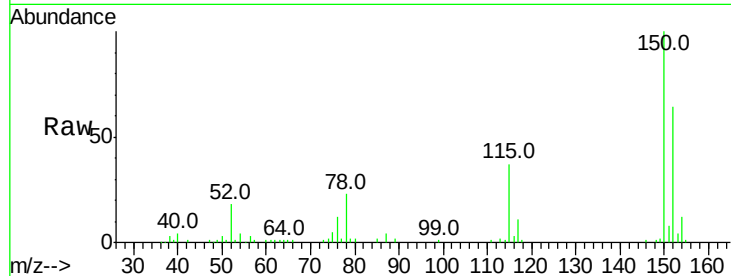
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

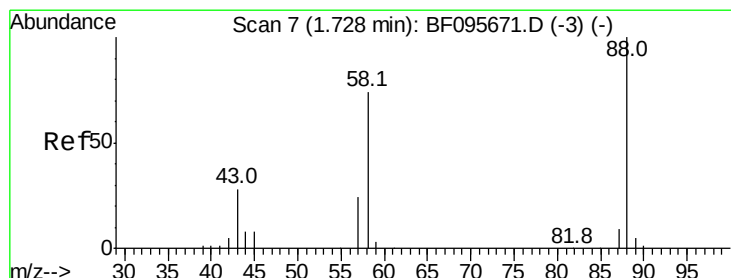
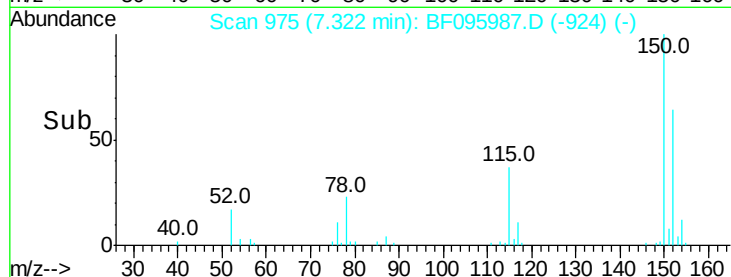
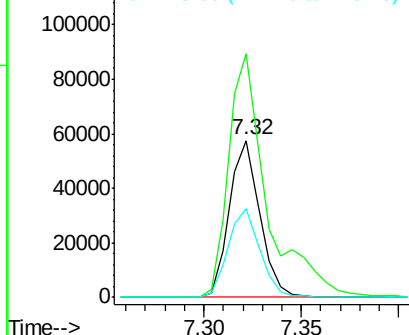
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	56.8	52.2	78.2

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



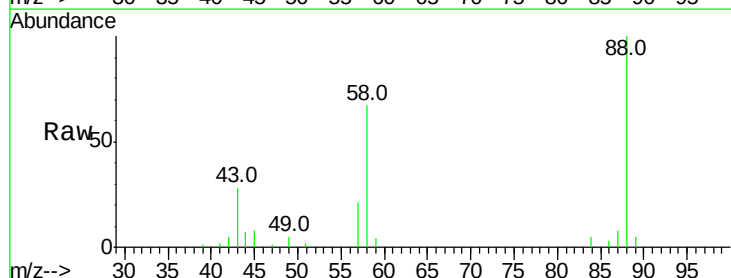
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



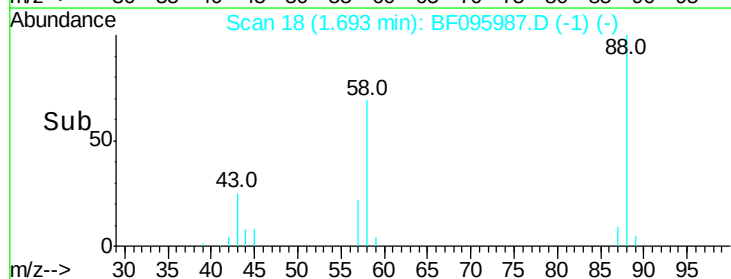
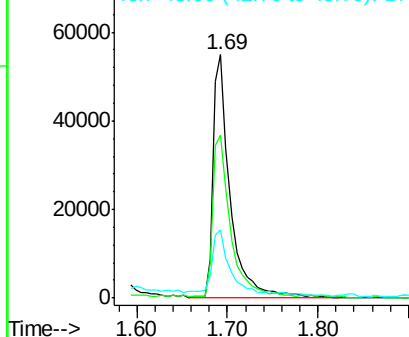
#2

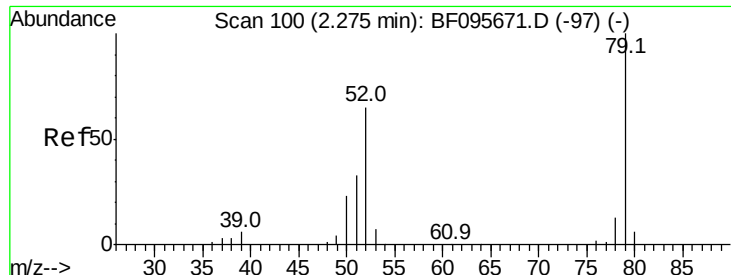
1,4-Dioxane
Concen: 39.11 ng
RT: 1.69 min Scan# 18
Delta R.T. 0.06 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	61.4	92.0
43	30.7	23.4	35.0



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





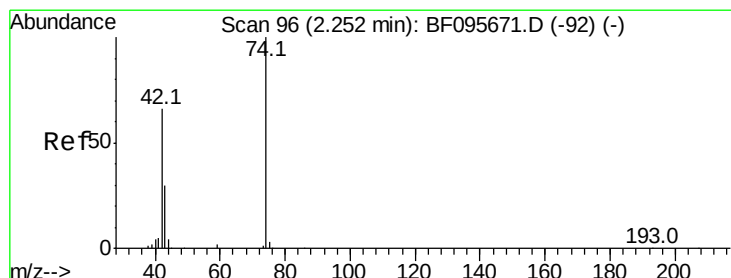
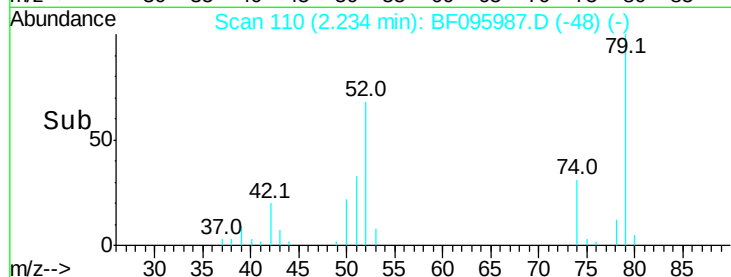
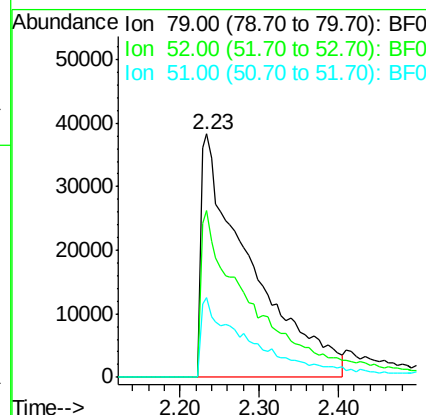
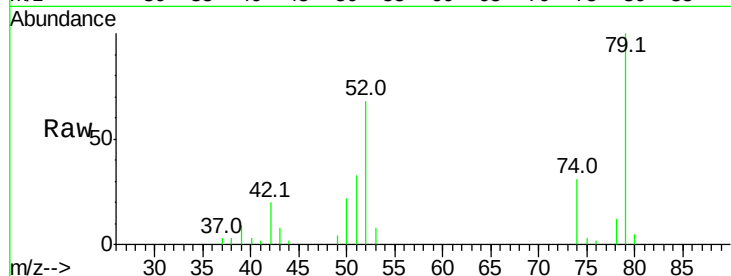
#3
Pvridine
Concen: 37.95 ng
RT: 2.23 min Scan# 110
Delta R.T. 0.06 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.4	54.8	82.2
51	32.7	27.0	40.4

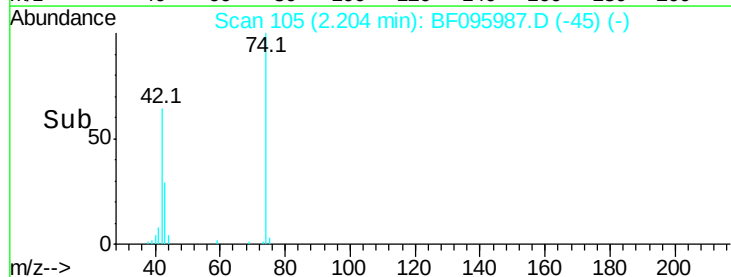
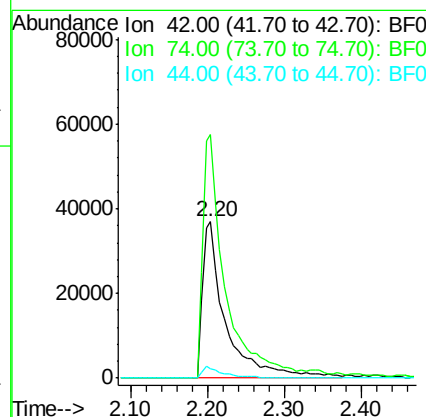
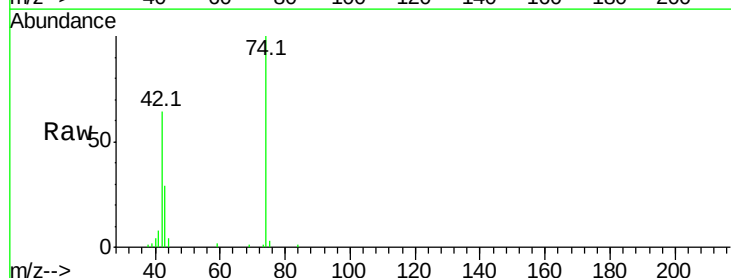
Manual Integrations
APPROVED

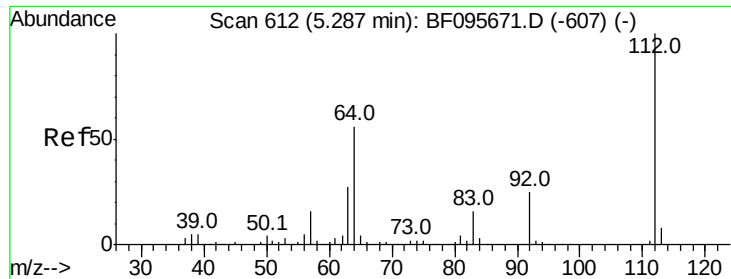
mohammad
6/19/2017 3:47:55 PM



#4
n-Nitrosodimethylamine
Concen: 46.36 ng
RT: 2.20 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.9	103.9	155.9#
44	6.3	5.7	8.5





#5

2-Fluorophenol

Concen: 143.46 ng

RT: 5.22 min Scan# 618

Delta R.T. 0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

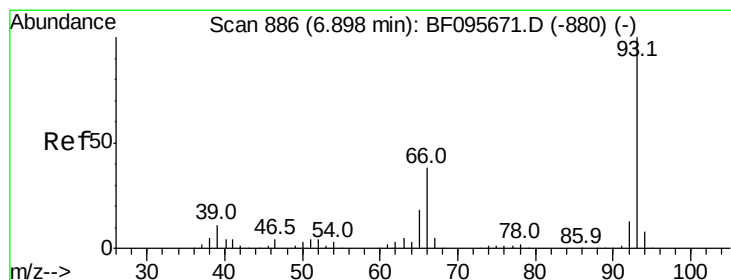
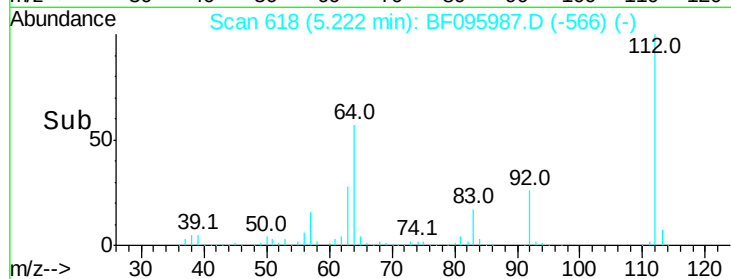
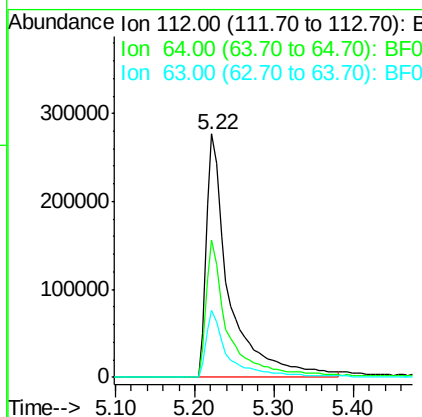
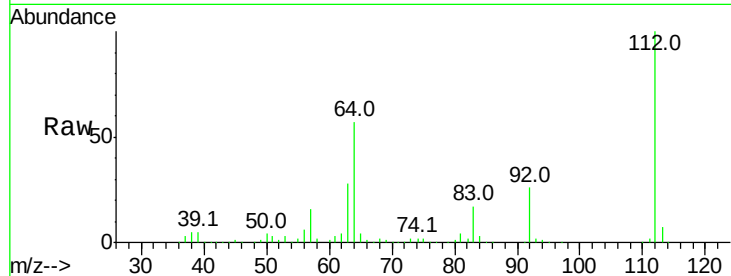
ClientSampleId :

G13-0-1.5MS

Tot Ion:	112	Resp:	559144
Ion Ratio	Lower	Upper	
112	100		
64	56.5	46.0	69.0
63	27.6	23.4	35.0

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



#6

Aniline

Concen: 32.91 ng

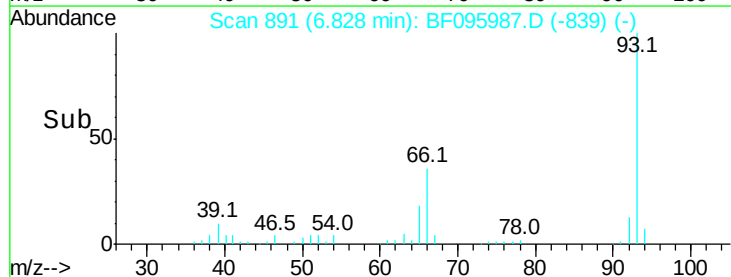
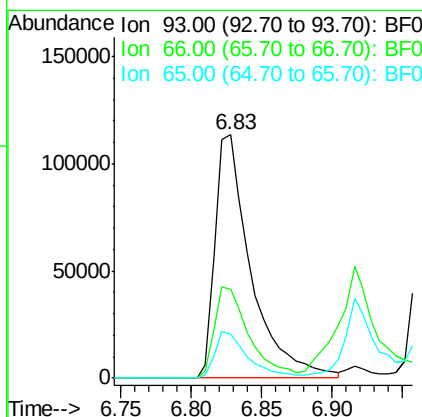
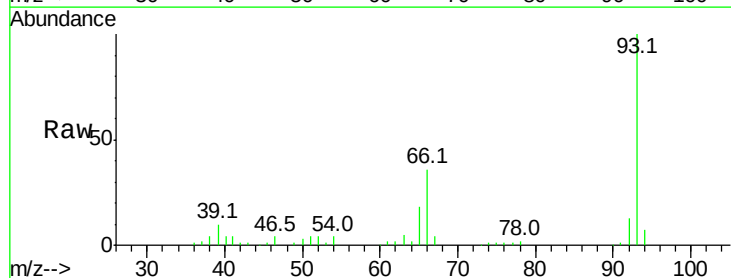
RT: 6.83 min Scan# 891

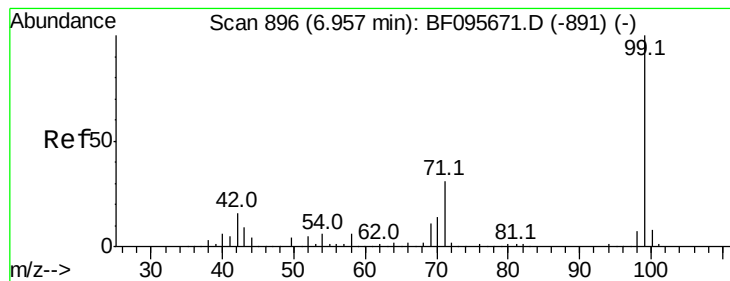
Delta R.T. 0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion:	93	Resp:	200907
Ion Ratio	Lower	Upper	
93	100		
66	36.4	32.9	49.3
65	17.8	16.0	24.0





#7

Phenol-d6

Concen: 144.19 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

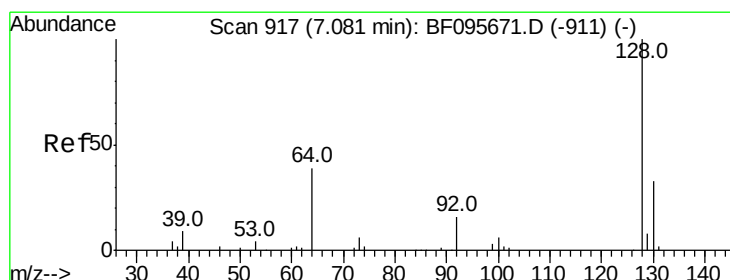
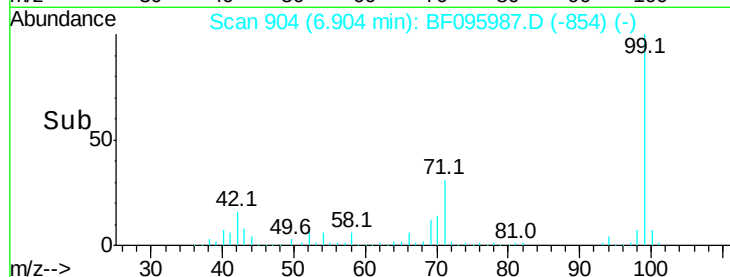
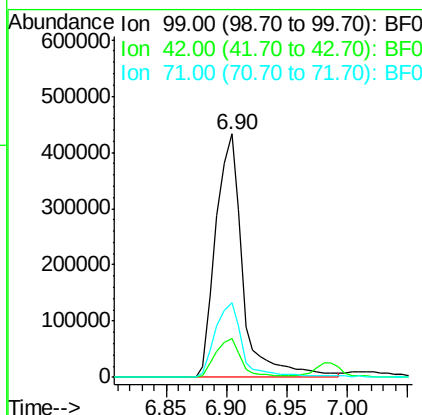
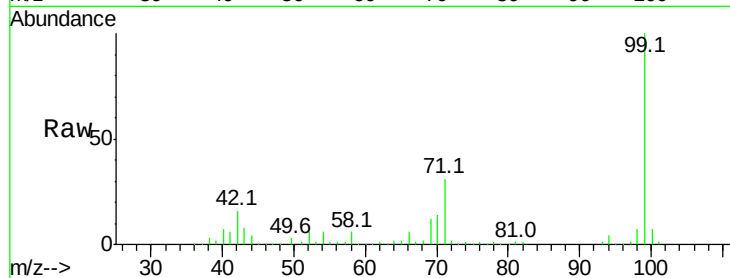
ClientSampleId :

G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	30.9	24.5	36.7

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



#8

2-Chlorophenol

Concen: 50.17 ng

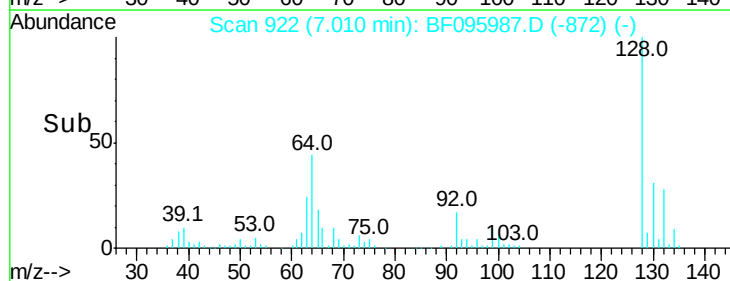
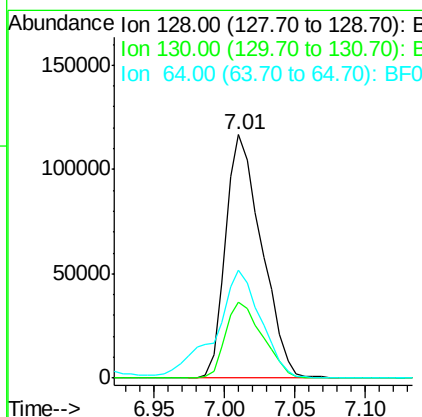
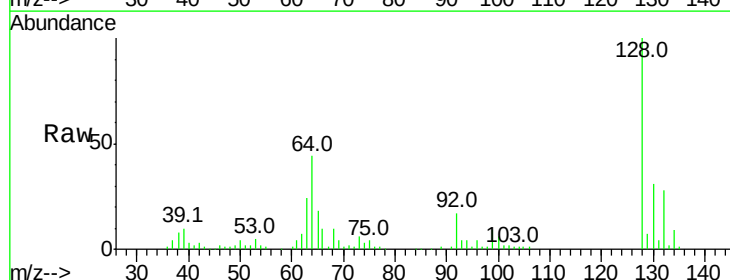
RT: 7.01 min Scan# 922

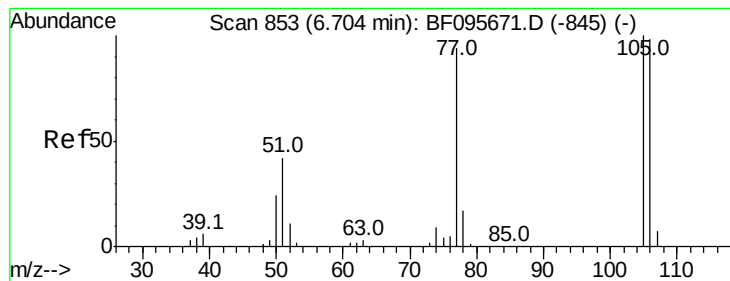
Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.9	52.9
64	44.4	28.4	68.4





#9

Benzaldehyde

Concen: 18.69 ng

RT: 6.65 min Scan# 860

Delta R.T. 0.02 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

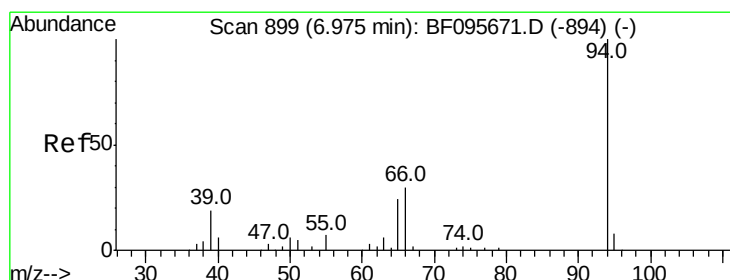
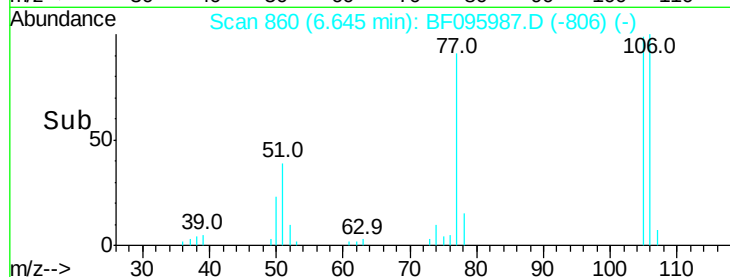
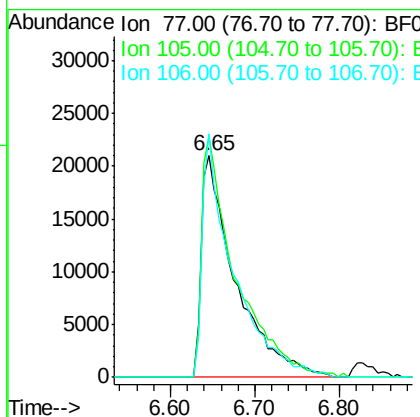
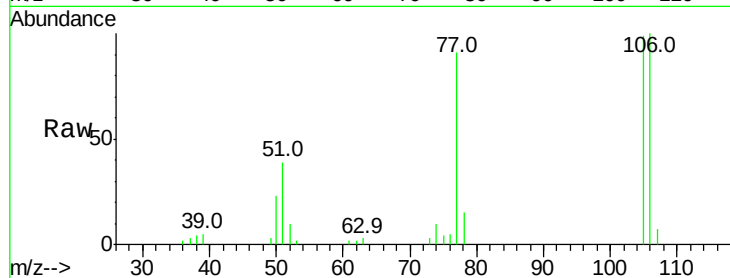
ClientSampleId :

G13-0-1.5MS

Tot Ion:	77	Resp:	58833
Ion	Ratio	Lower	Upper
77	100		
105	108.8	83.8	123.8
106	109.8	79.1	119.1

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



#10

Phenol

Concen: 52.67 ng

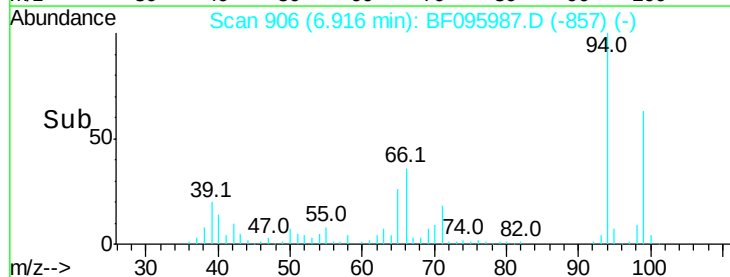
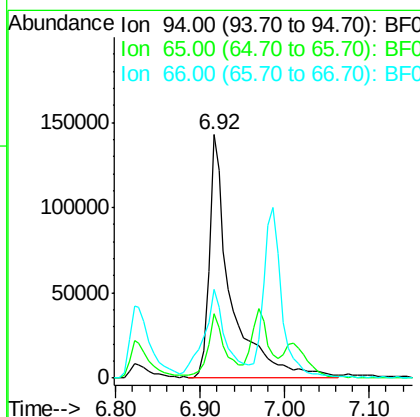
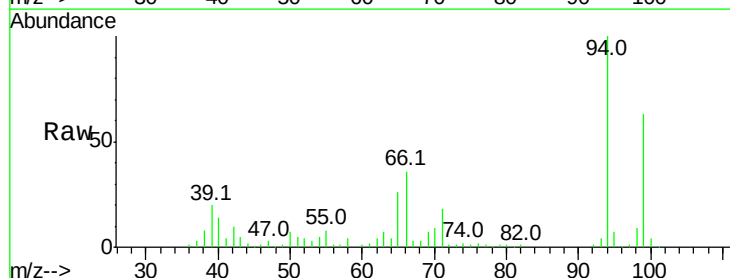
RT: 6.92 min Scan# 906

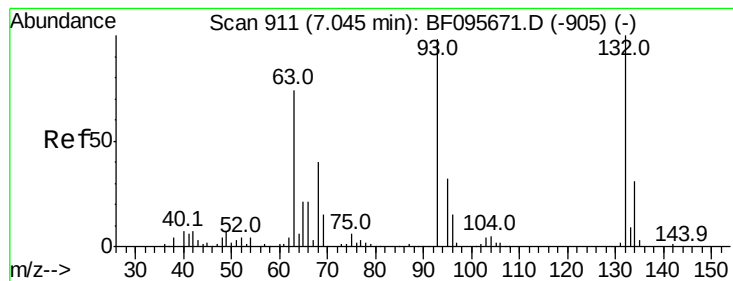
Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion:	94	Resp:	254959
Ion	Ratio	Lower	Upper
94	100		
65	26.2	9.9	49.9
66	36.4	23.1	63.1





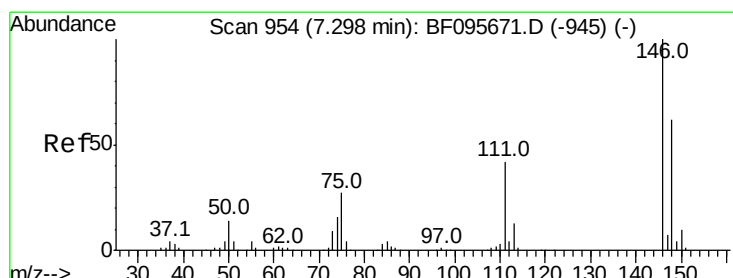
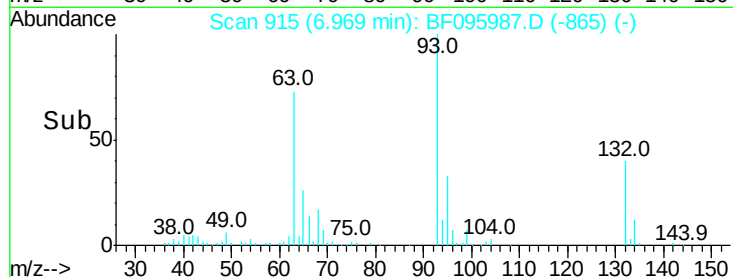
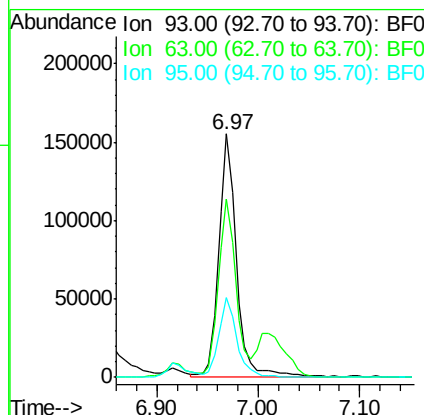
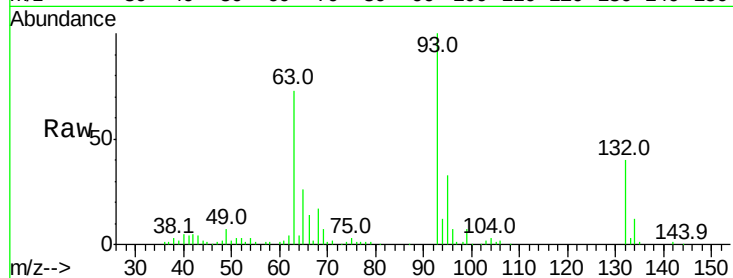
#11
bis(2-Chloroethyl)ether
Concen: 48.37 ng
RT: 6.97 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	185480		
63	73.1	59.2	99.2	
95	32.5	12.8	52.8	

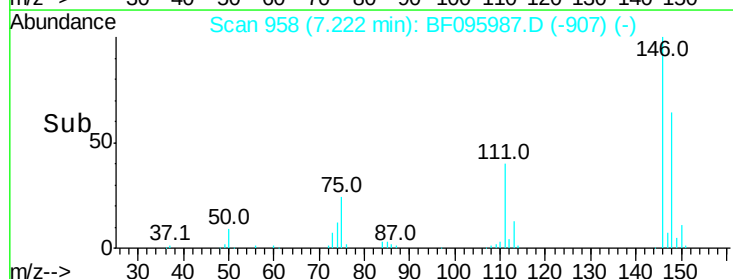
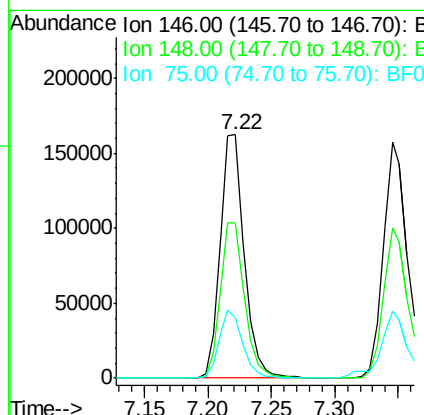
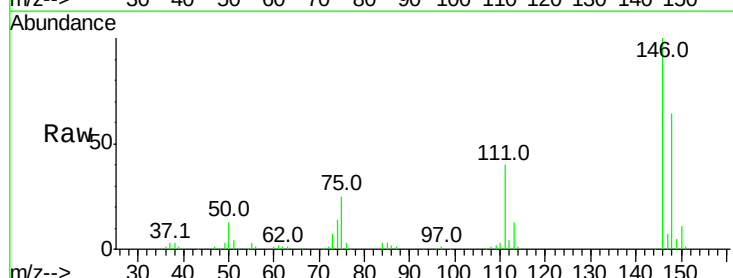
Manual Integrations
APPROVED

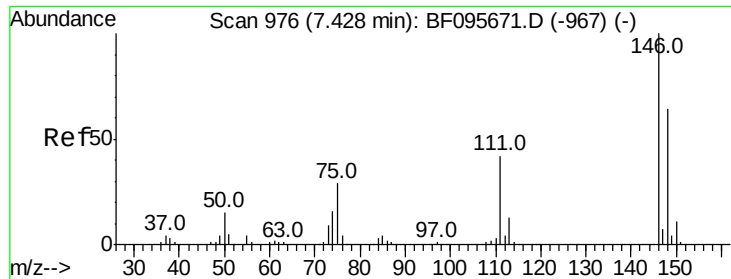
mohammad
6/19/2017 3:47:55 PM



#12
1,3-Dichlorobenzene
Concen: 45.97 ng
RT: 7.22 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	215620		
148	63.7	51.8	77.6	
75	24.8	23.1	34.7	





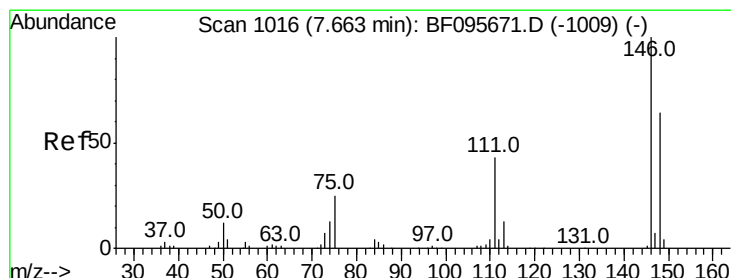
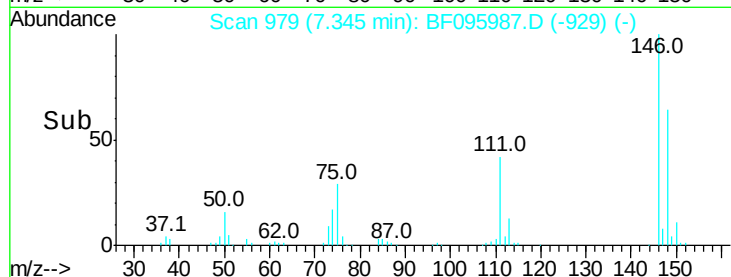
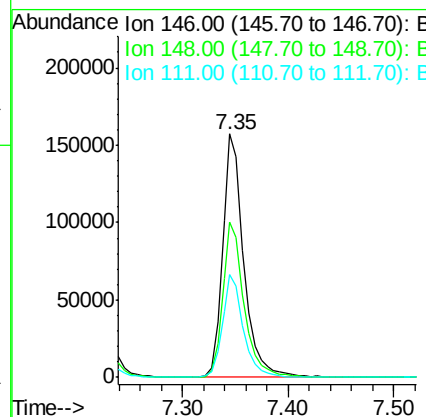
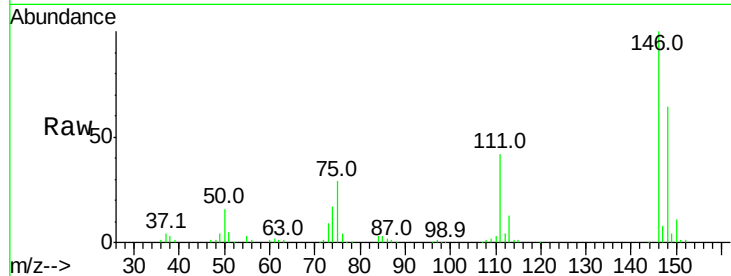
#13
 1,4-Dichlorobenzene
 Concen: 46.21 ng
 RT: 7.35 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	42.1	30.3	45.5

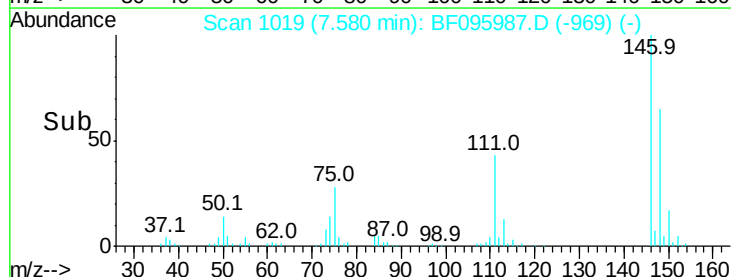
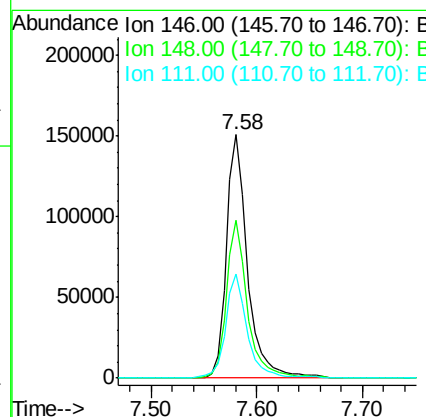
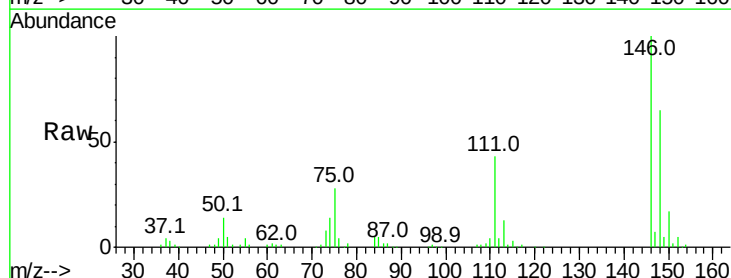
Manual Integrations
 APPROVED

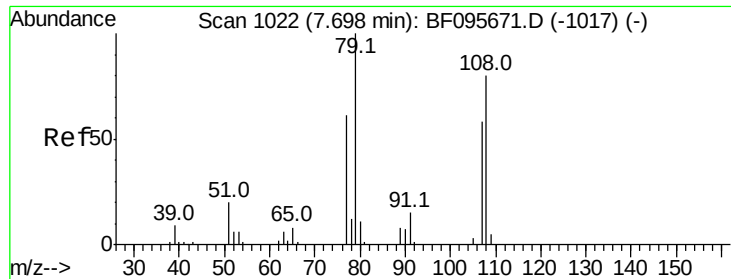
mohammad
 6/19/2017 3:47:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.85 ng
 RT: 7.58 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.4	75.6
111	42.9	38.2	57.4





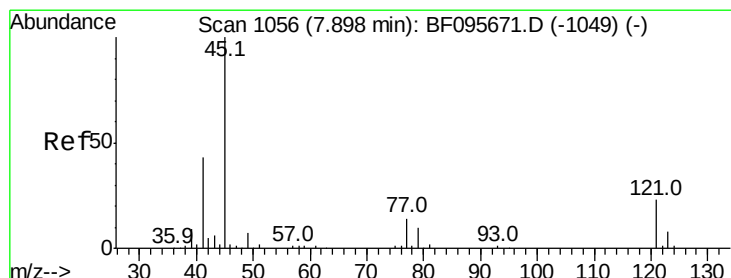
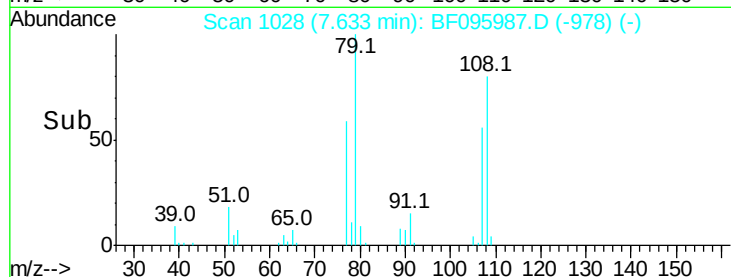
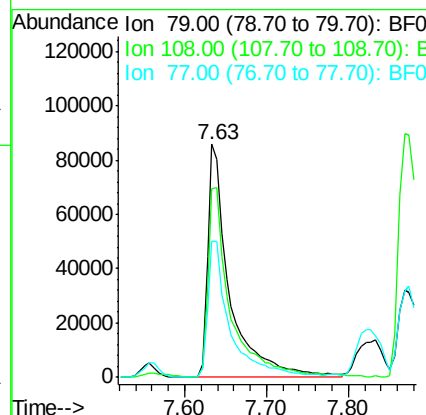
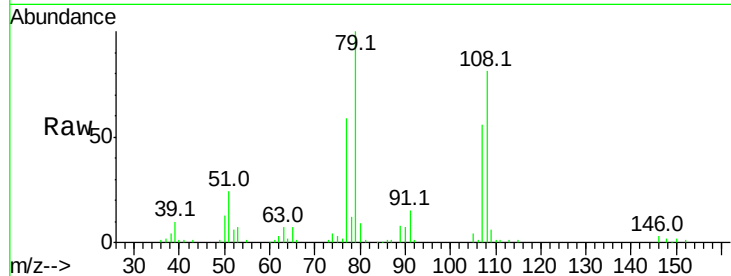
#15
Benzyl Alcohol
Concen: 50.33 ng
RT: 7.63 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.1	63.4	95.0
77	58.5	49.2	73.8

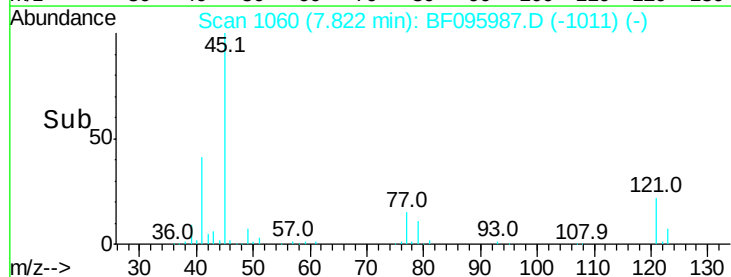
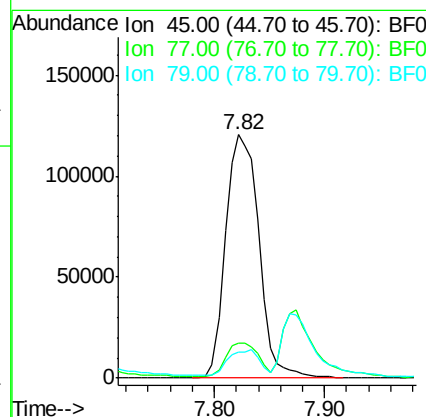
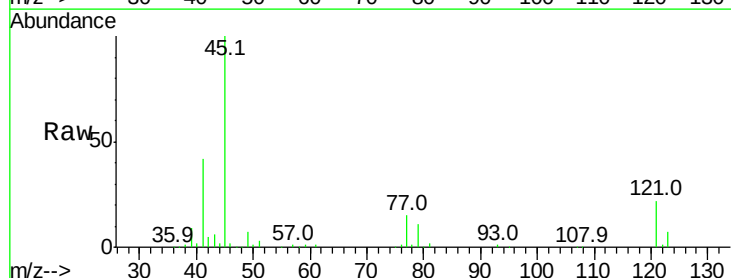
Manual Integrations
APPROVED

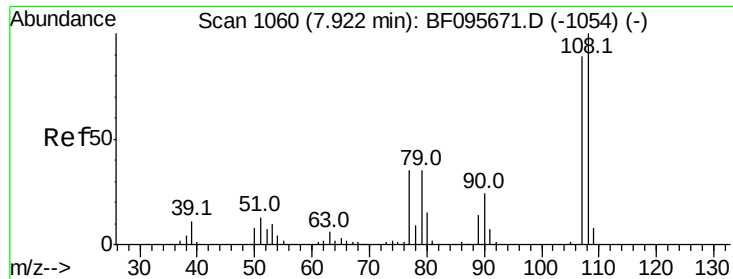
mohammad
6/19/2017 3:47:55 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.10 ng
RT: 7.82 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	33.2
79	10.9	0.0	30.0





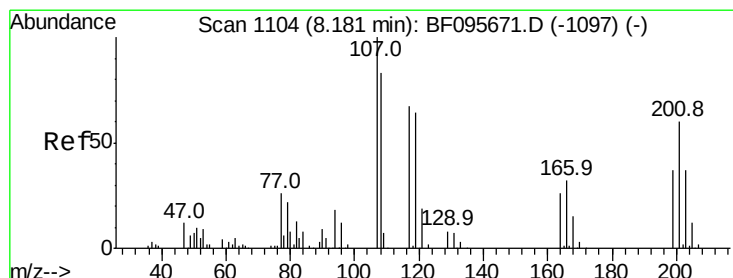
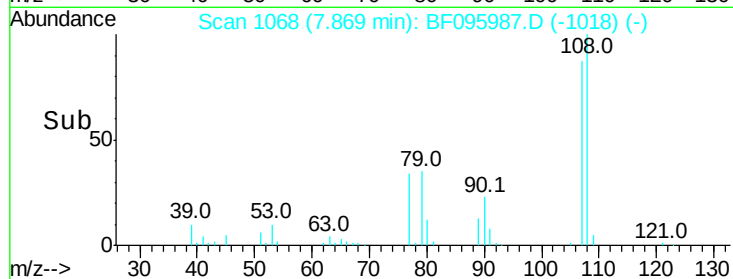
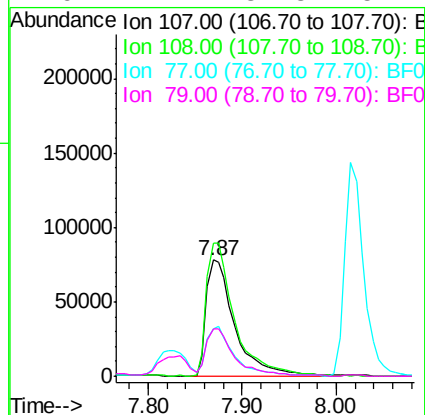
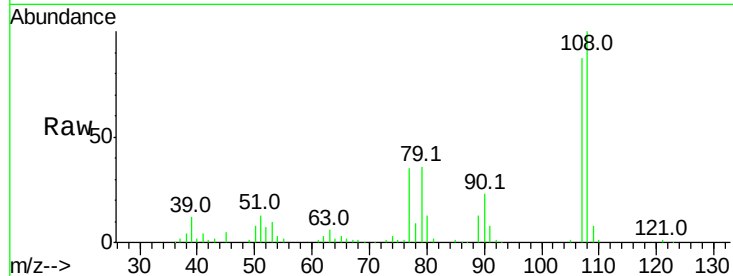
#17
2-Methylphenol
Concen: 48.51 ng
RT: 7.87 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	168713		
108	114.9	93.4	140.0	
77	40.4	35.8	53.6	
79	41.2	34.8	52.2	

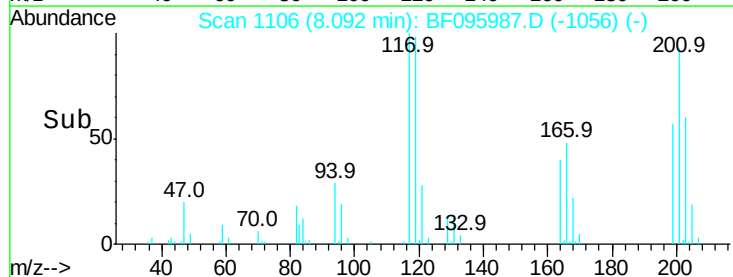
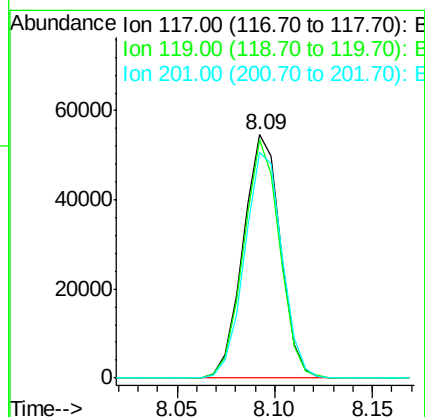
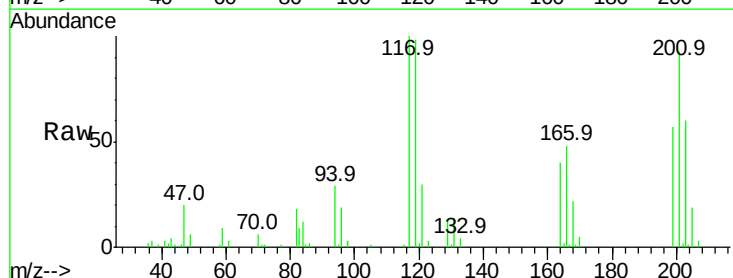
Manual Integrations
APPROVED

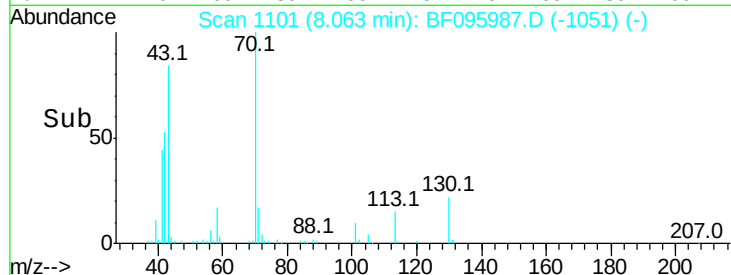
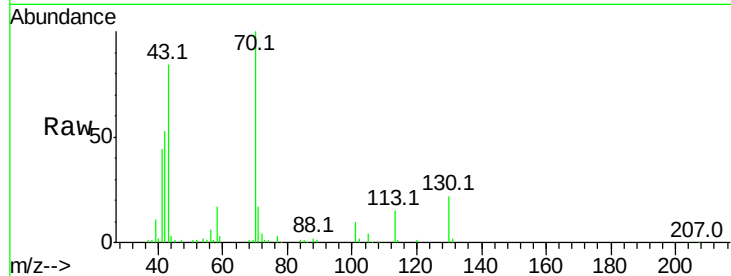
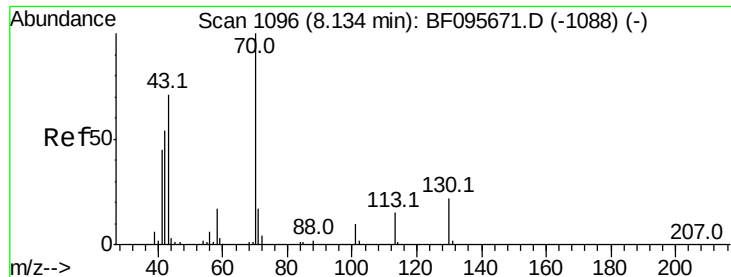
mohammad
6/19/2017 3:47:55 PM



#18
Hexachloroethane
Concen: 45.83 ng
RT: 8.09 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72003		
119	98.0	77.4	116.0	
201	92.8	94.6	141.8#	





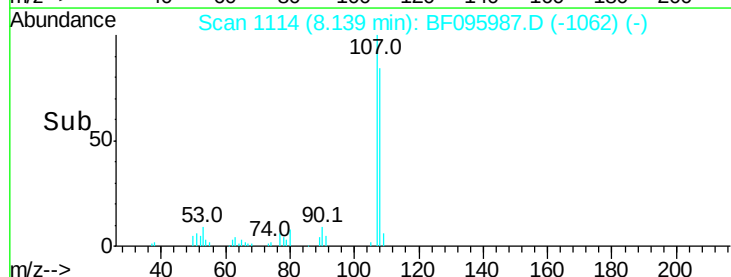
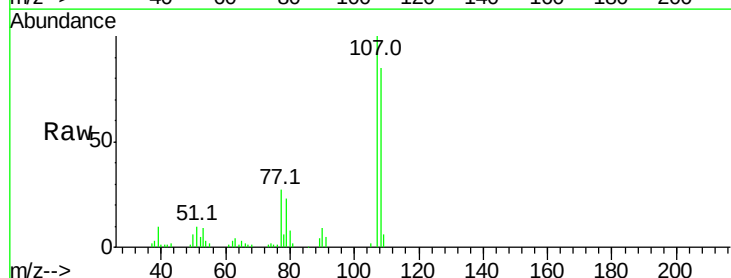
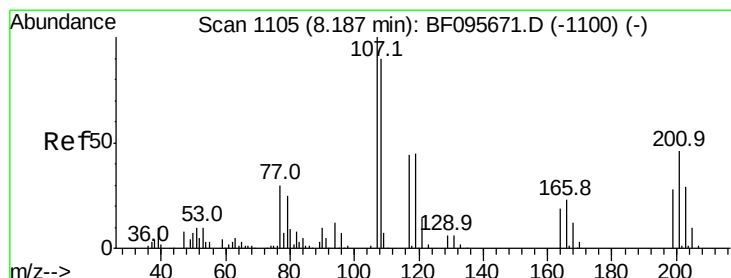
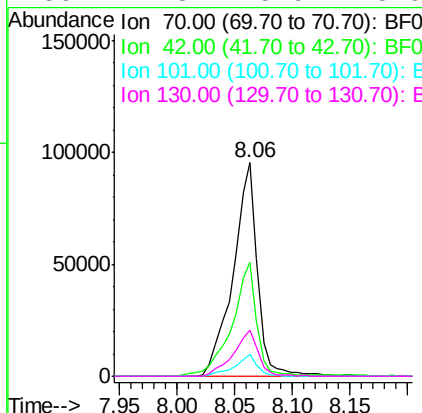
#19
n-Nitroso-di-n-propylamine
Concen: 47.41 ng
RT: 8.06 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.2	70.8
101	10.0	7.2	10.8
130	21.8	15.9	23.9

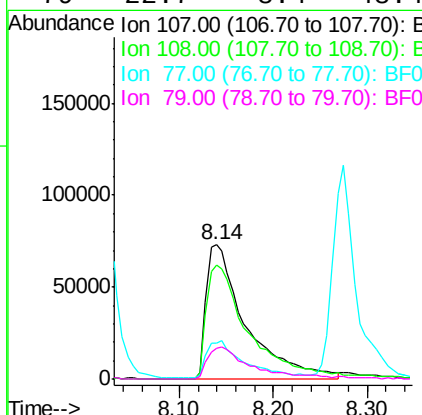
Manual Integrations
APPROVED

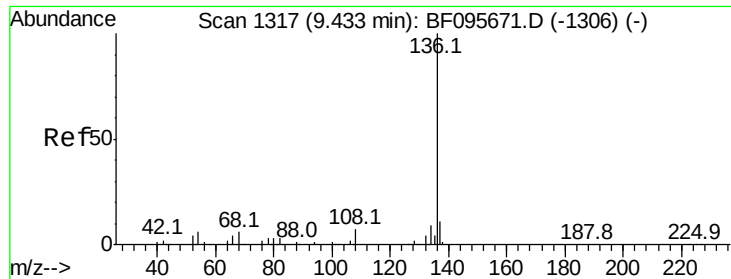
mohammad
6/19/2017 3:47:55 PM



#20
3+4-Methylphenols
Concen: 48.59 ng
RT: 8.14 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.7	71.0	111.0
77	26.9	90.5	130.5#
79	22.7	8.4	48.4





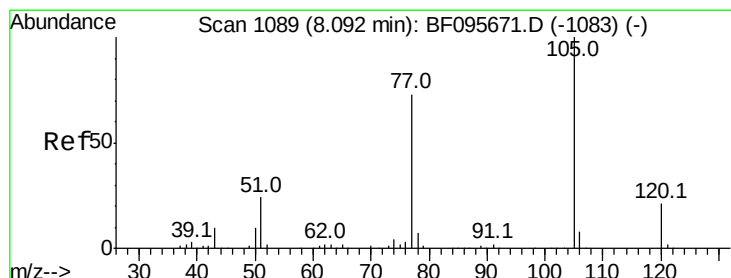
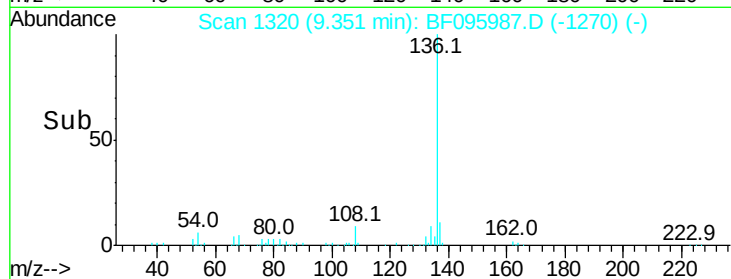
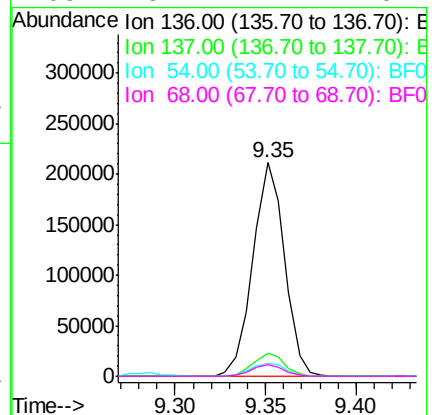
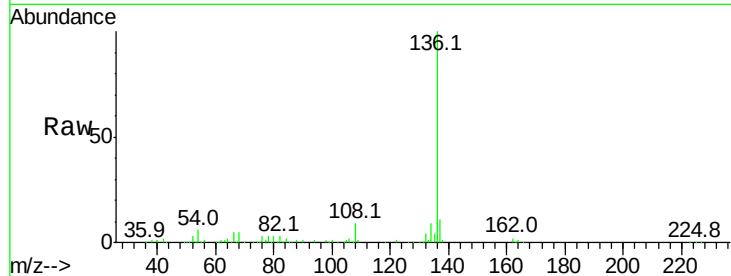
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.35 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.3	4.9	7.3
68	5.4	4.1	6.1

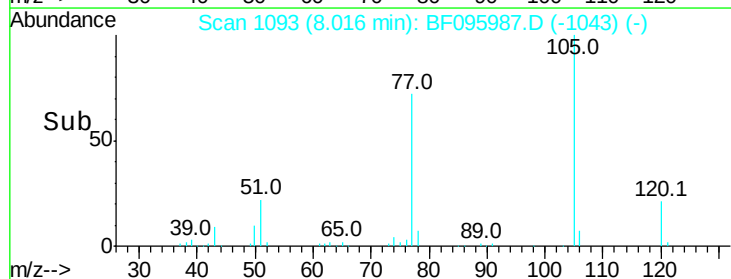
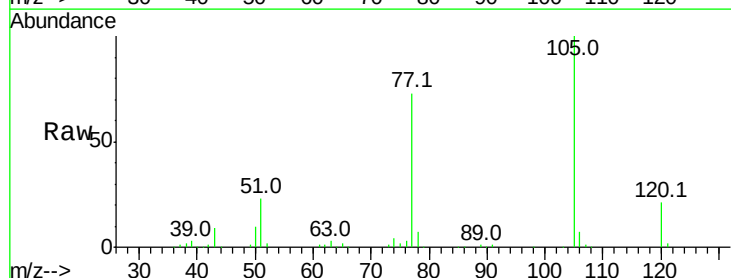
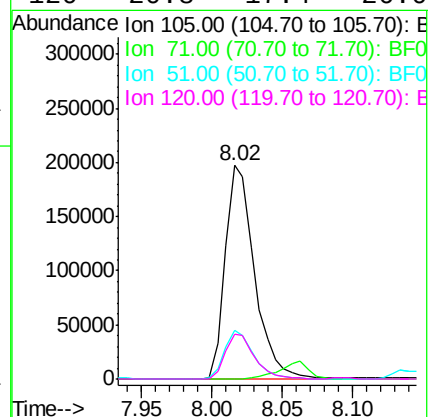
Manual Integrations
APPROVED

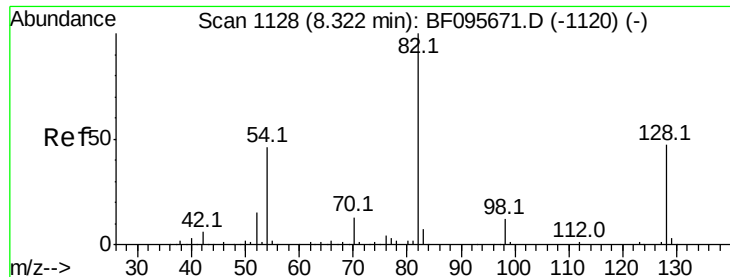
mohammad
6/19/2017 3:47:55 PM



#22
Acetophenone
Concen: 47.59 ng
RT: 8.02 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	23.0	30.7	46.1#
120	20.8	17.4	26.0





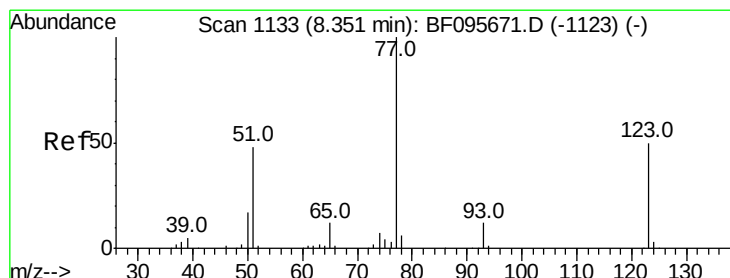
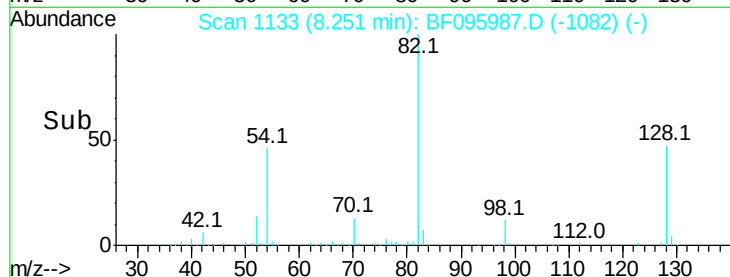
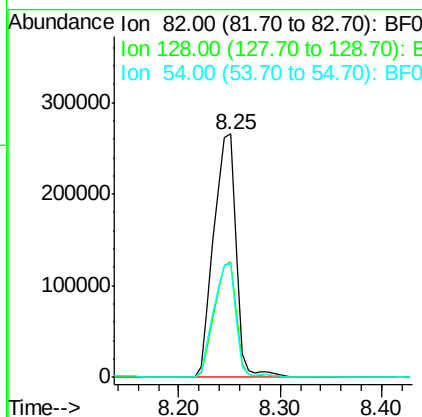
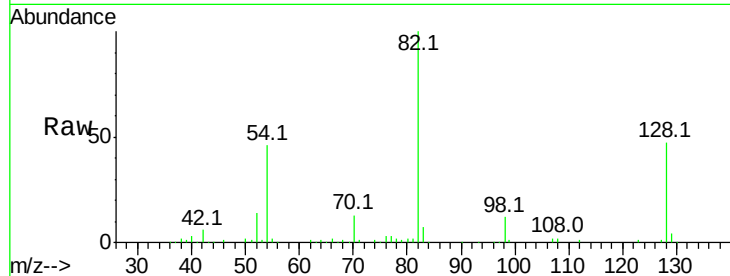
#23
Nitrobenzene-d5
Concen: 98.96 ng
RT: 8.25 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	34.0	51.0	
54	46.2	42.2	63.2	

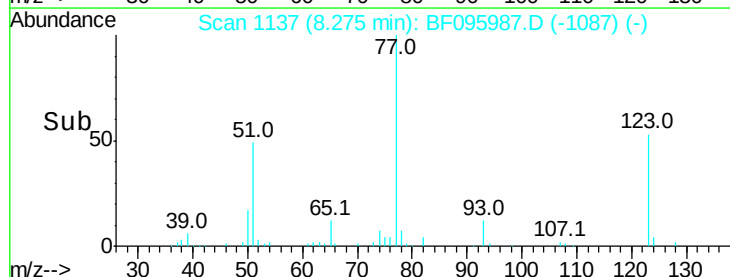
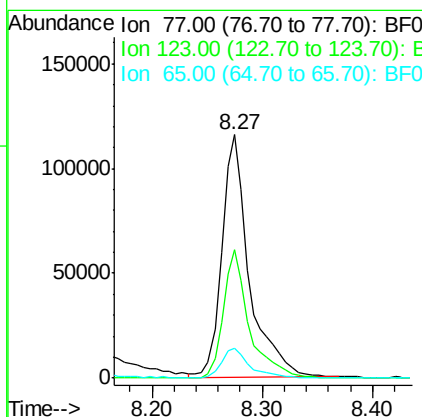
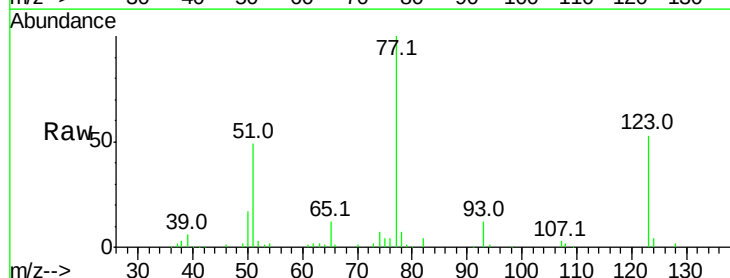
Manual Integrations
APPROVED

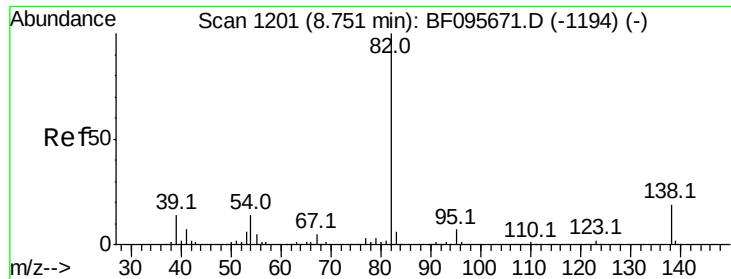
mohammad
6/19/2017 3:47:55 PM



#24
Nitrobenzene
Concen: 45.42 ng
RT: 8.27 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.9	35.8	53.8	
65	12.2	10.6	15.8	





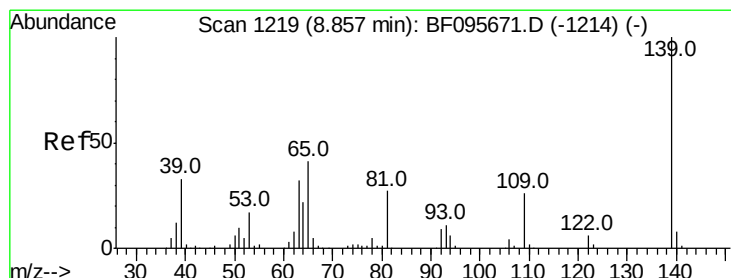
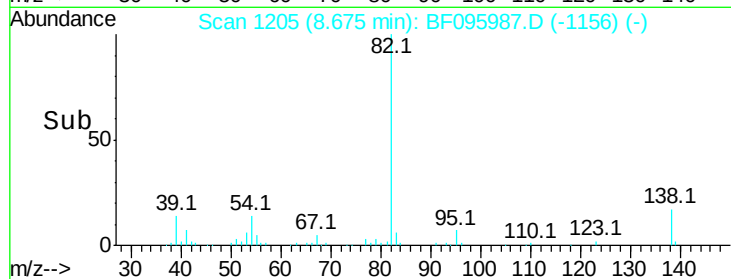
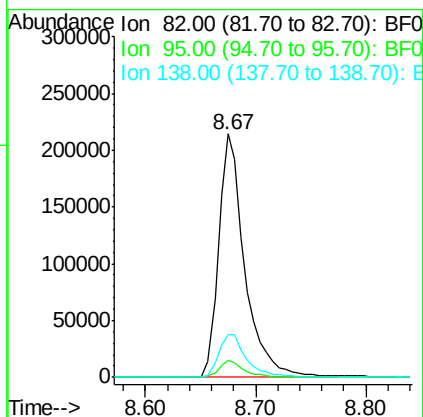
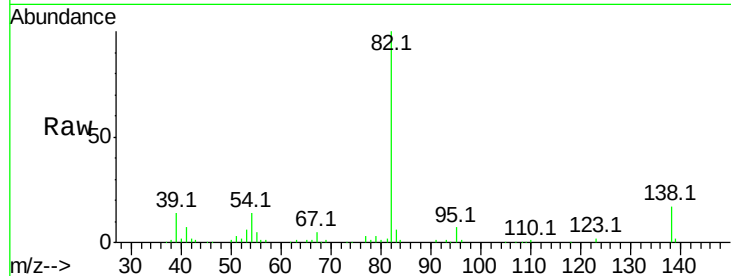
#25
Isophorone
Concen: 45.77 ng
RT: 8.67 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.9	5.3	7.9	
138	17.4	13.1	19.7	

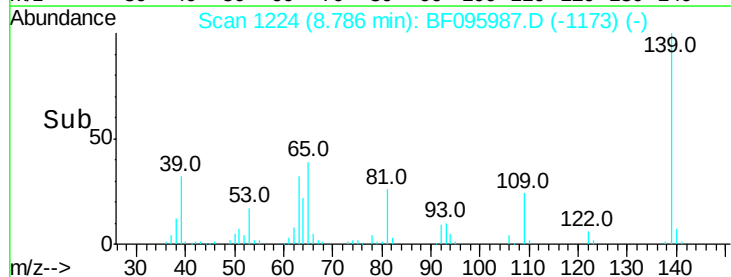
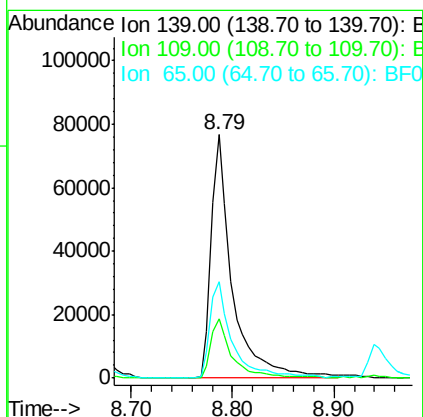
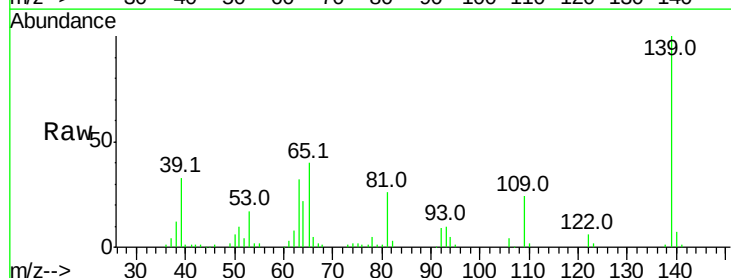
Manual Integrations
APPROVED

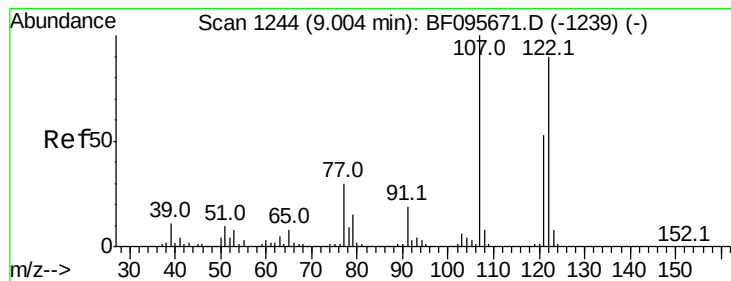
mohammad
6/19/2017 3:47:55 PM



#26
2-Nitrophenol
Concen: 48.44 ng
RT: 8.79 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.2	21.0	31.6	
65	39.7	33.0	49.6	





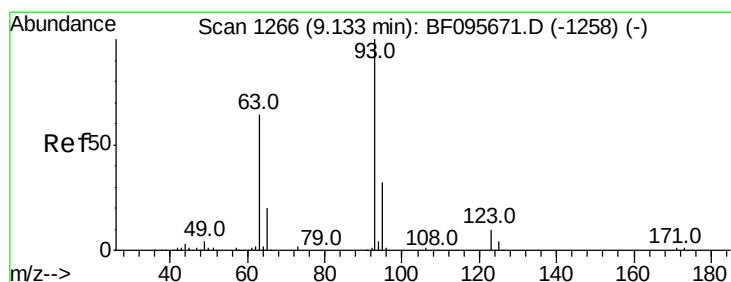
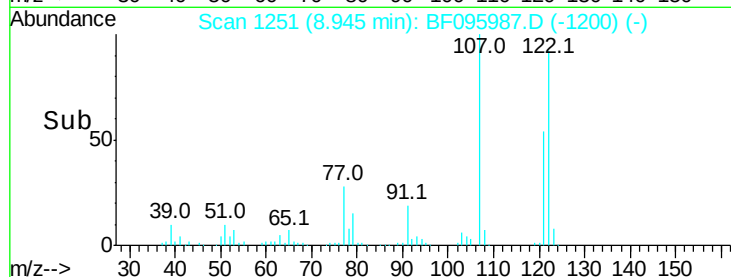
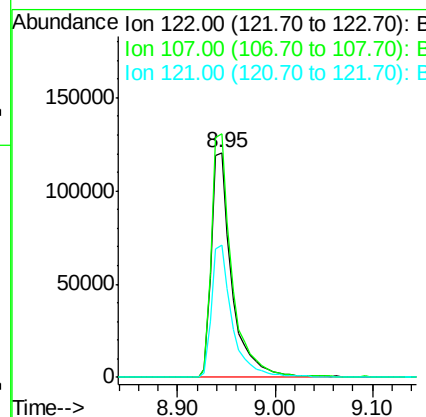
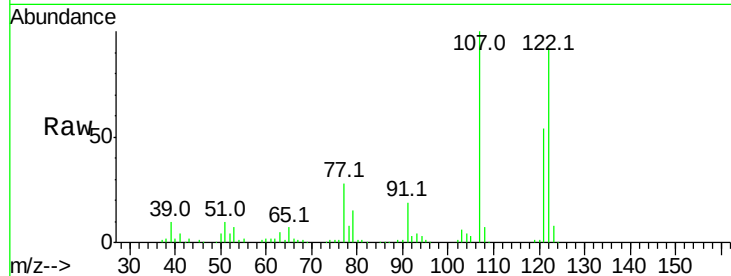
#27
 2,4-Dimethylphenol
 Concen: 49.33 ng
 RT: 8.95 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	176456		
107	108.3	89.2	133.8	
121	58.8	45.2	67.8	

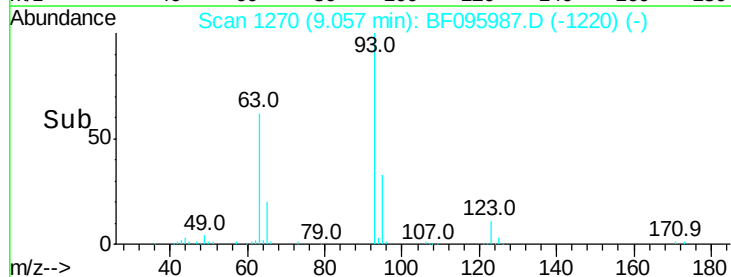
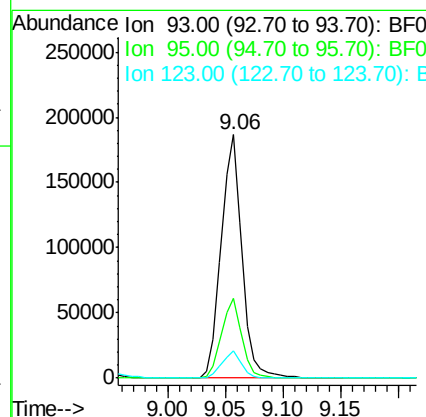
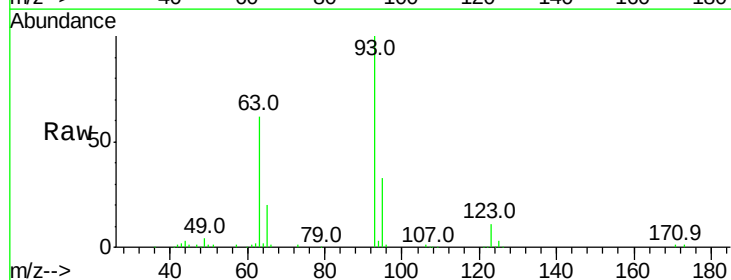
Manual Integrations
 APPROVED

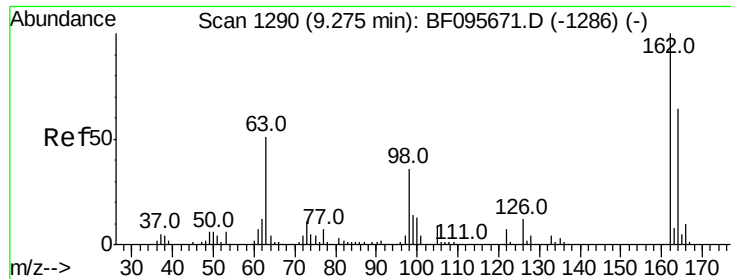
mohammad
 6/19/2017 3:47:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.93 ng
 RT: 9.06 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	232954		
95	32.7	26.5	39.7	
123	11.1	9.0	13.4	





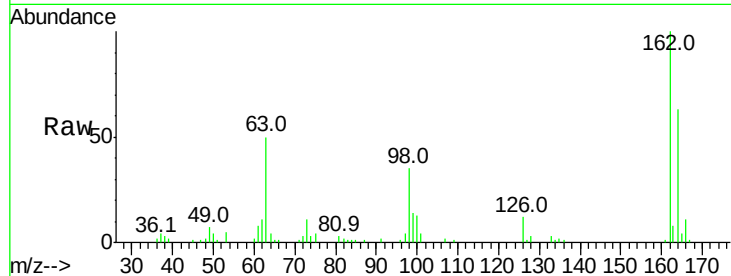
#29
 2,4-Dichlorophenol
 Concen: 46.35 ng
 RT: 9.23 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

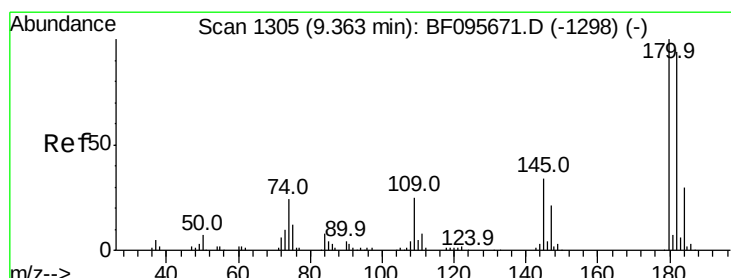
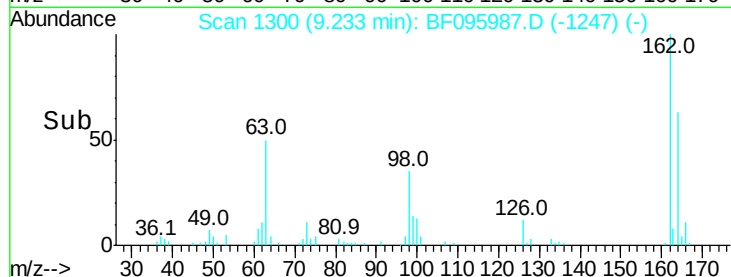
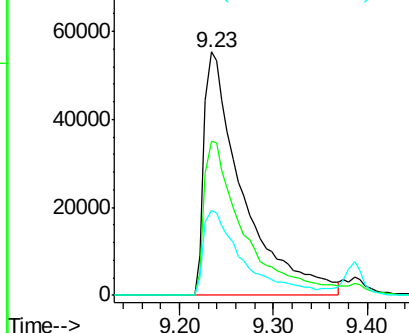
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.4	44.6	84.6
98	35.0	14.8	54.8

Manual Integrations
 APPROVED

mohammad
 6/19/2017 3:47:55 PM

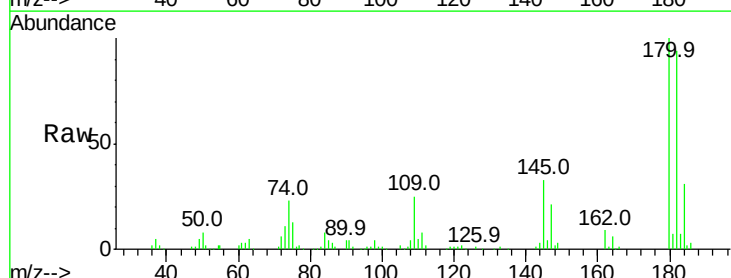


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

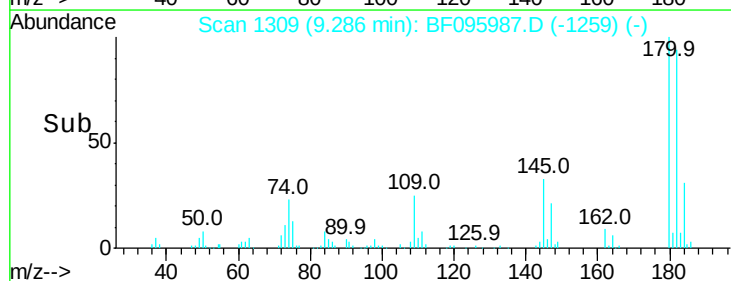
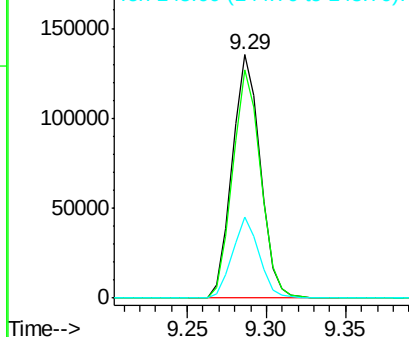


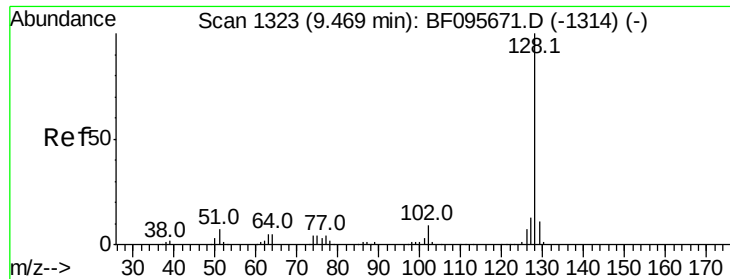
#30
 1,2,4-Trichlorobenzene
 Concen: 46.36 ng
 RT: 9.29 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.6	75.8	113.6
145	33.4	25.3	37.9



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





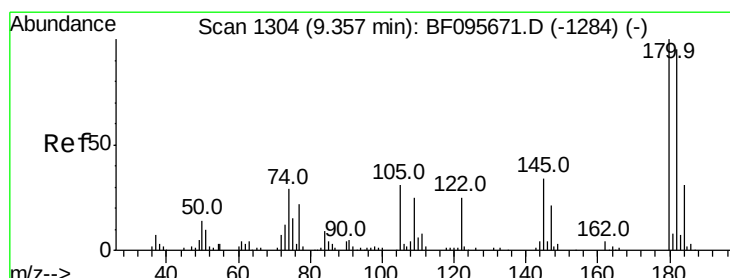
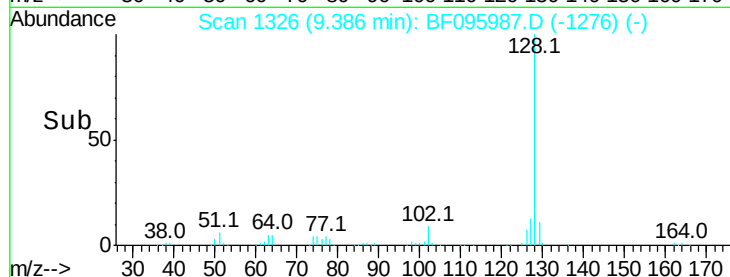
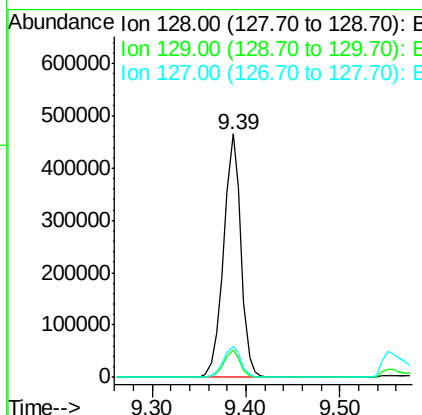
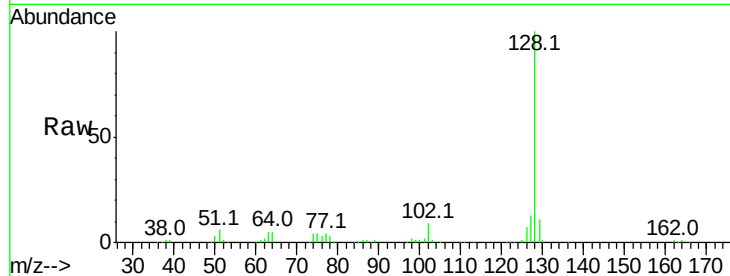
#31
Naphthalene
Concen: 46.53 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.9	10.8	16.2

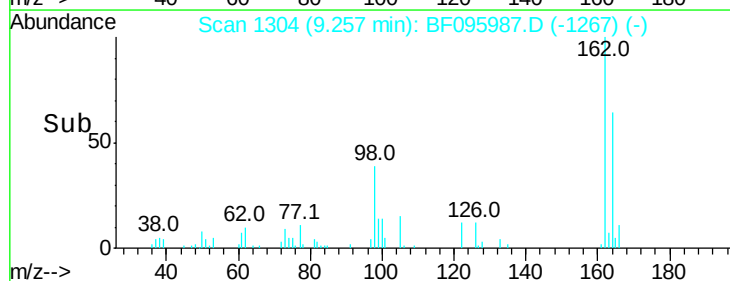
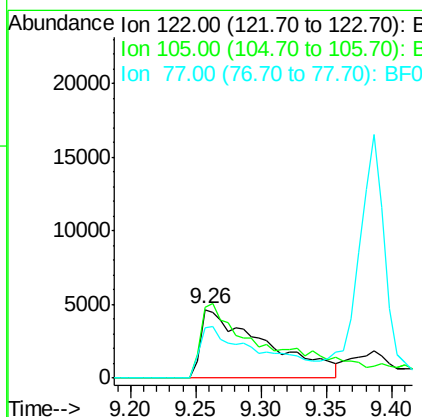
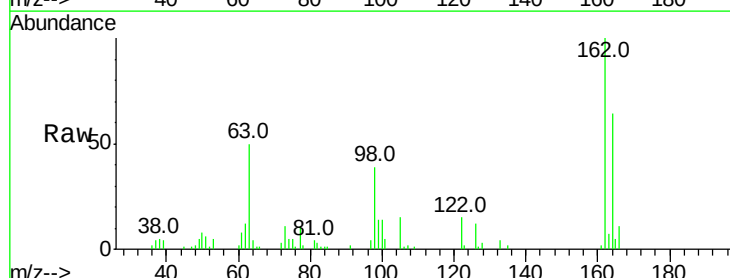
Manual Integrations
APPROVED

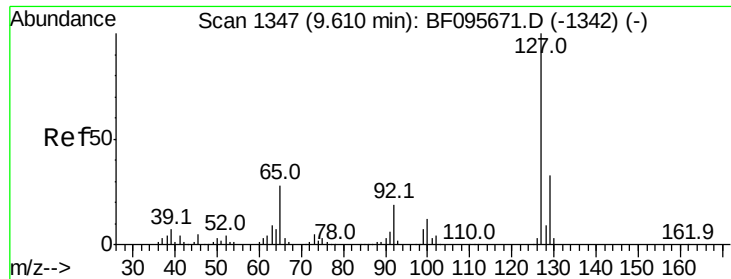
mohammad
6/19/2017 3:47:55 PM



#32
Benzoic acid
Concen: 11.51 ng m
RT: 9.26 min Scan# 1304
Delta R.T. -0.08 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	103.1	103.3	143.3#
77	74.5	73.7	113.7





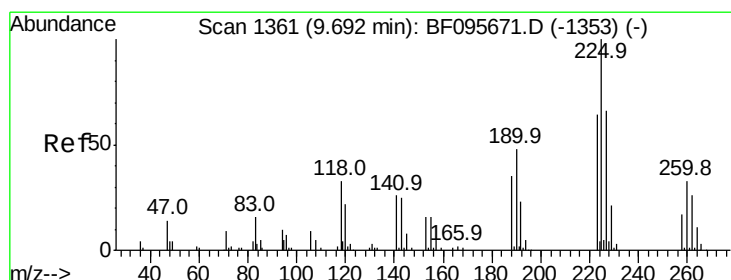
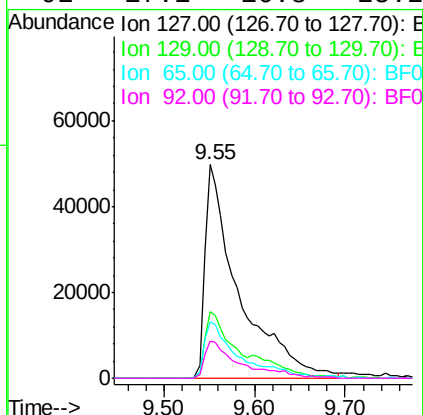
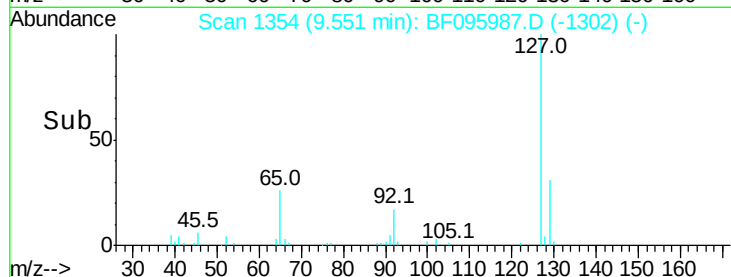
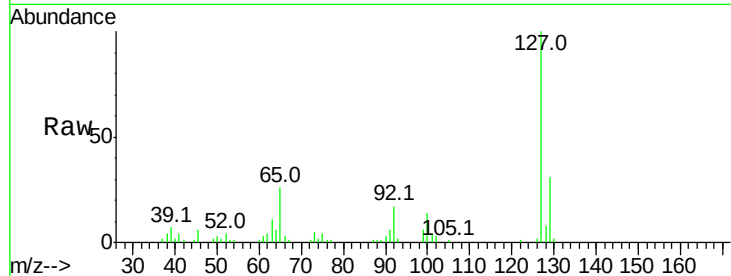
#33
4-Chloroaniline
Concen: 25.90 ng
RT: 9.55 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	26.4	27.8	41.8
92	17.1	16.8	25.2

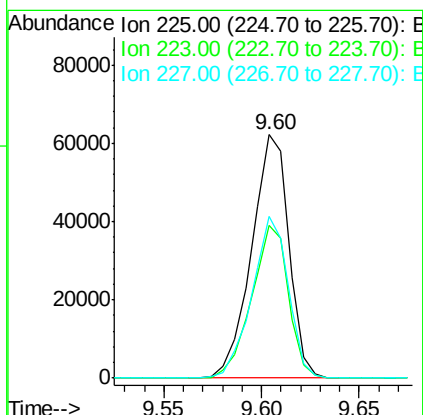
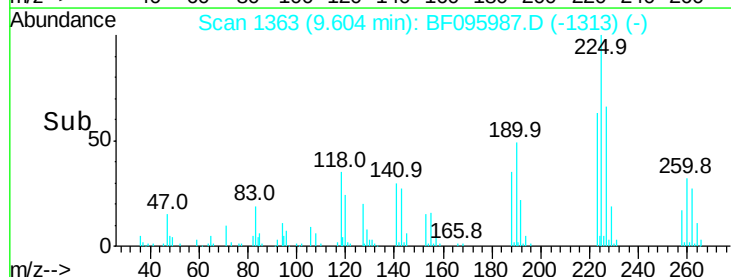
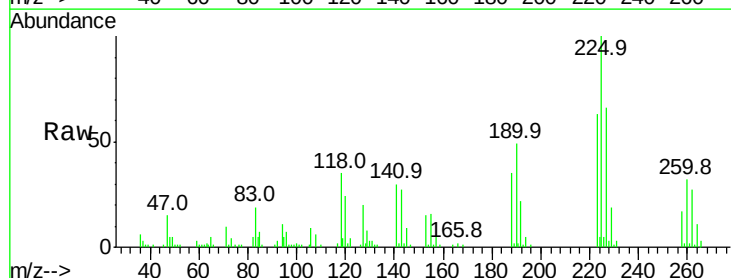
Manual Integrations
APPROVED

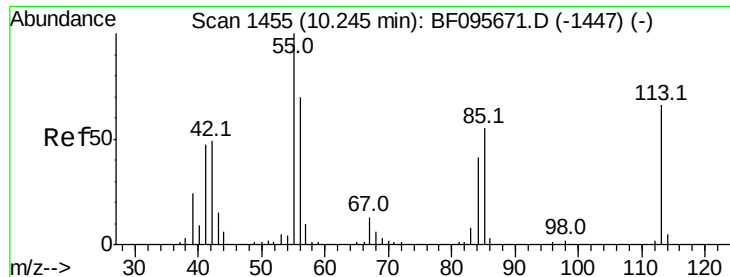
mohammad
6/19/2017 3:47:55 PM



#34
Hexachlorobutadiene
Concen: 44.35 ng
RT: 9.60 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	66.3	51.1	76.7





#35

Caprolactam

Concen: 50.10 ng/mL

RT: 10.17 min Scan# 1459

Delta R.T. -0.03 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

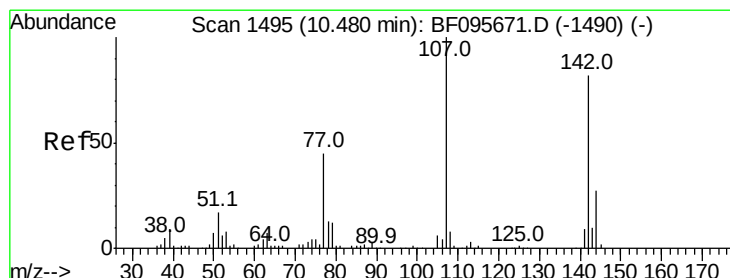
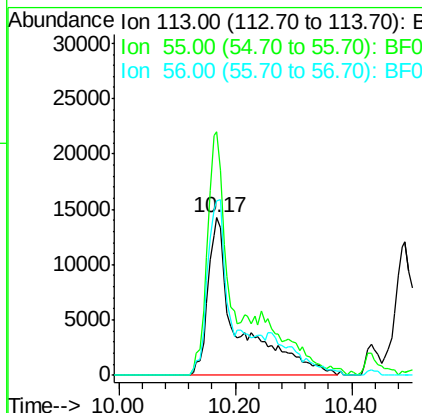
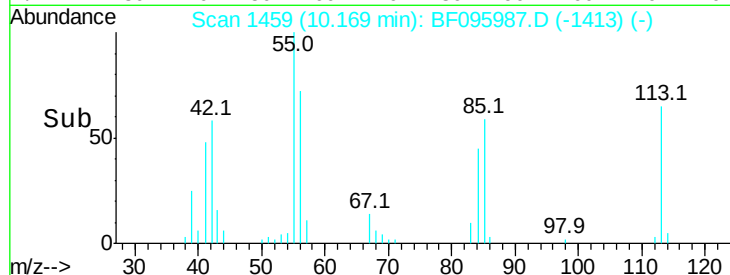
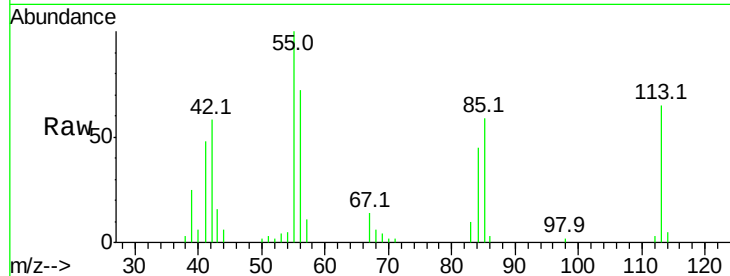
ClientSampleId :

G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.3	150.2	190.2
56	110.6	107.8	147.8

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



#36

4-Chloro-3-methylphenol

Concen: 48.55 ng/mL

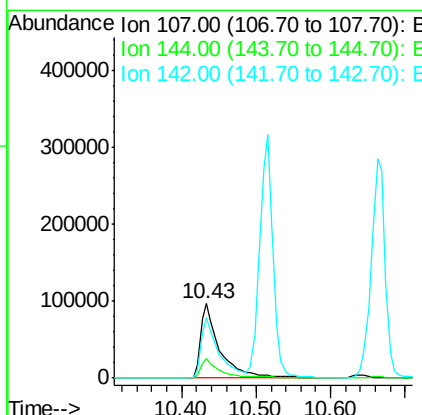
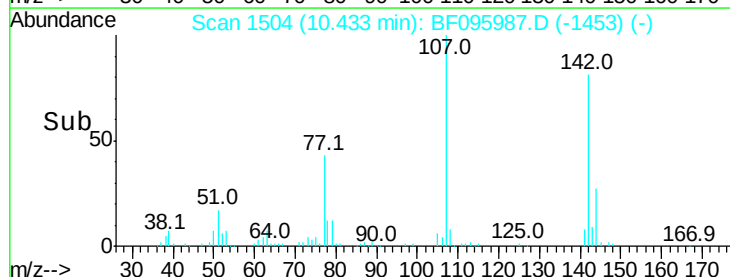
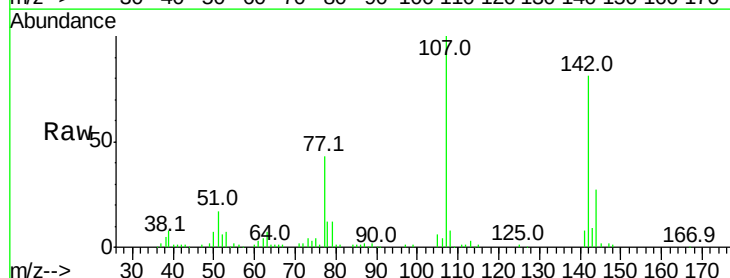
RT: 10.43 min Scan# 1504

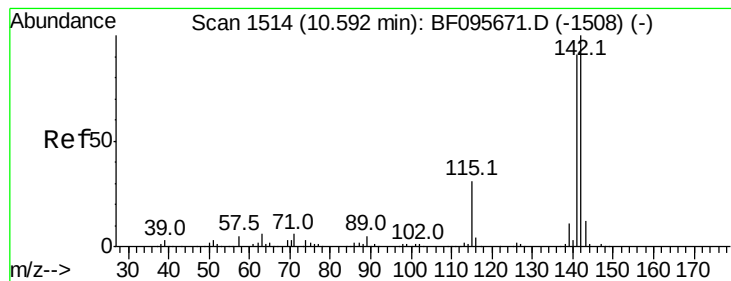
Delta R.T. 0.00 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	24.2	36.4
142	81.4	73.4	110.0





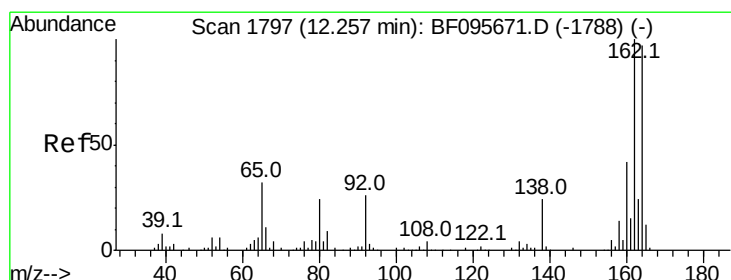
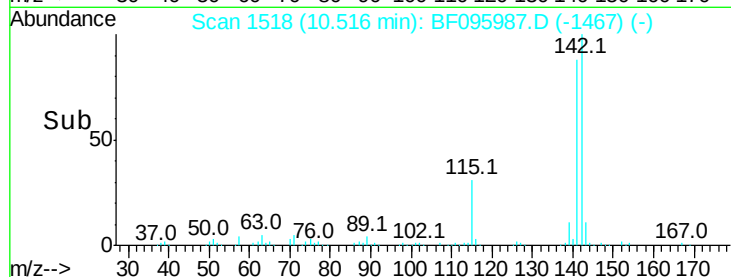
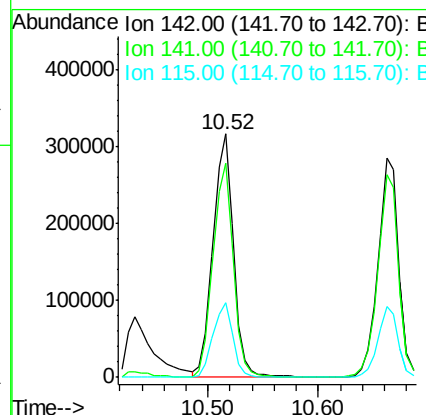
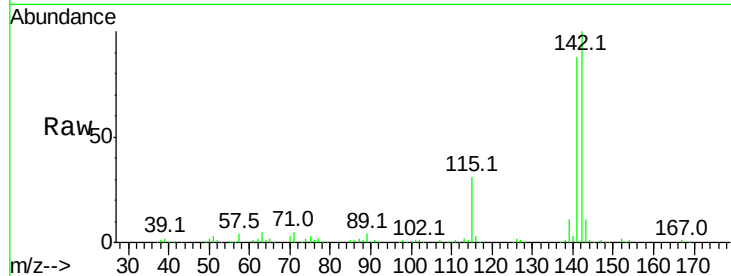
#37
2-Methylnaphthalene
Concen: 46.16 ng
RT: 10.52 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	30.9	27.1	40.7

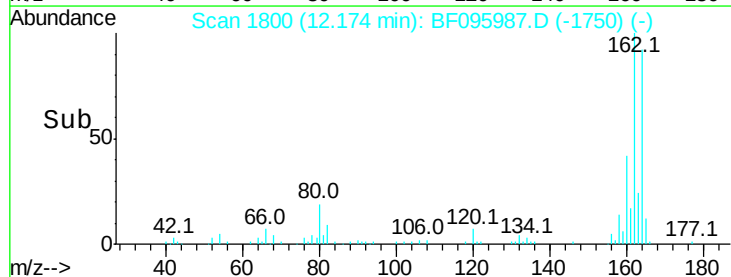
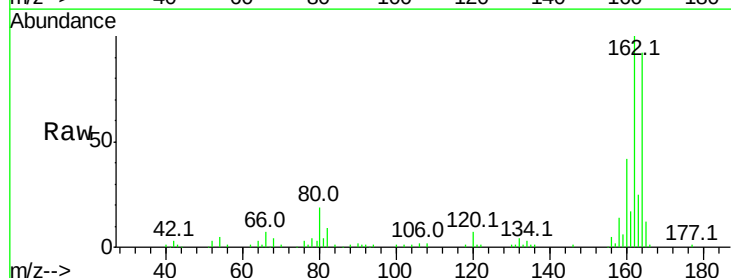
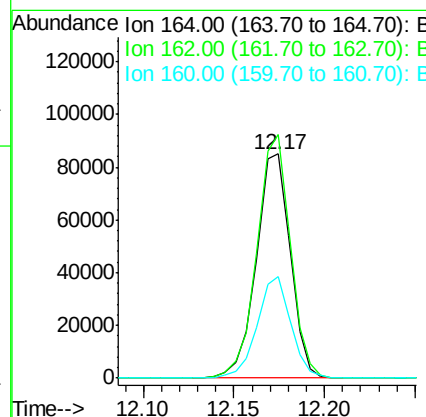
Manual Integrations
APPROVED

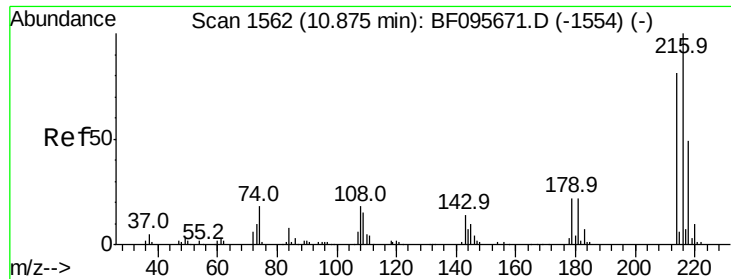
mohammad
6/19/2017 3:47:55 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.7	82.6	123.8
160	45.2	36.2	54.2





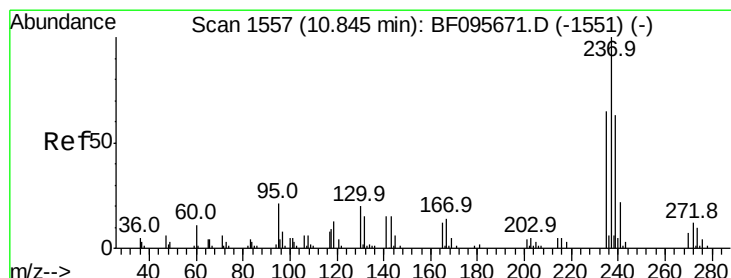
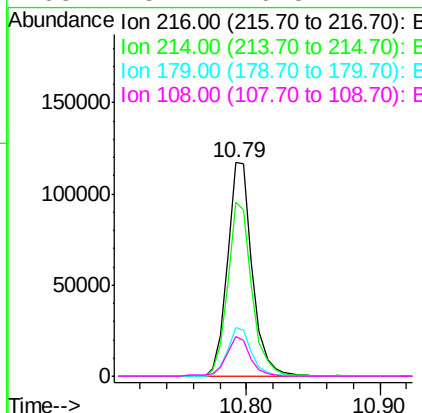
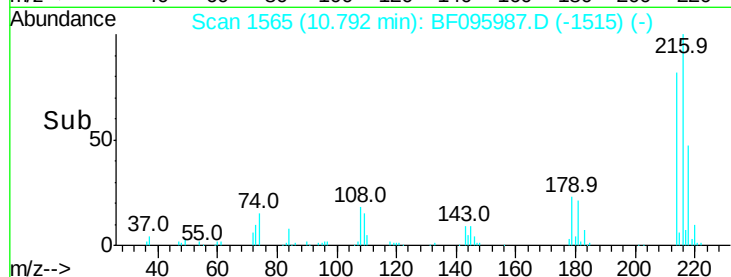
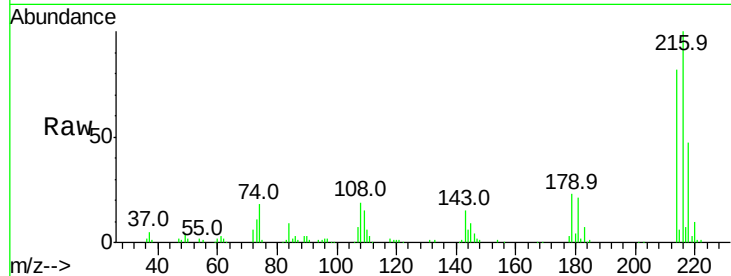
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.86 ng
 RT: 10.79 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	152846		
214	79.6	63.4	95.2	
179	21.8	17.9	26.9	
108	18.1	16.5	24.7	

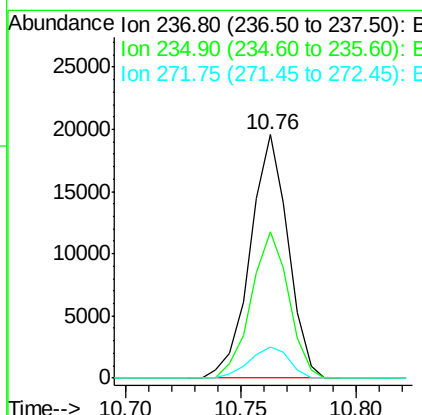
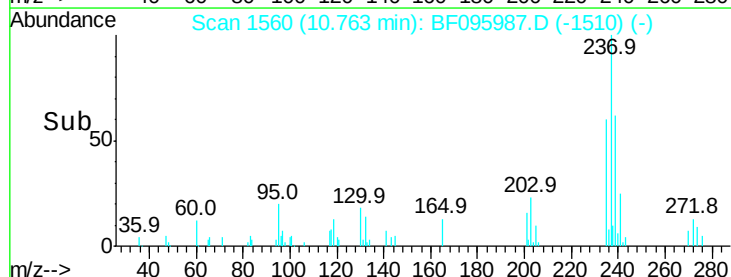
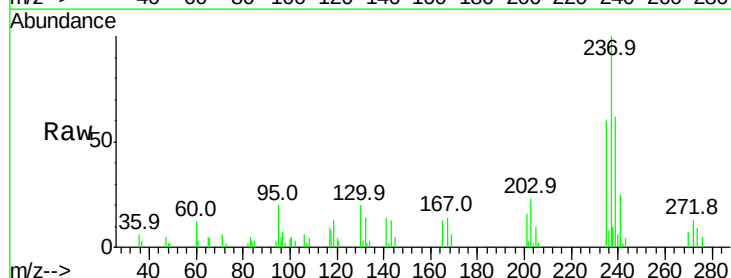
Manual Integrations
 APPROVED

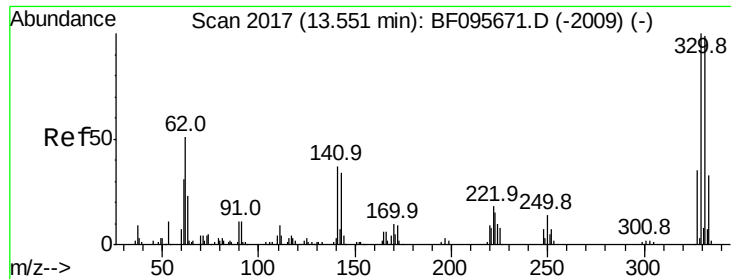
mohammad
 6/19/2017 3:47:55 PM



#40
 Hexachlorocyclopentadiene
 Concen: 29.58 ng
 RT: 10.76 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	22292		
235	60.2	42.6	82.6	
272	12.8	0.0	31.9	





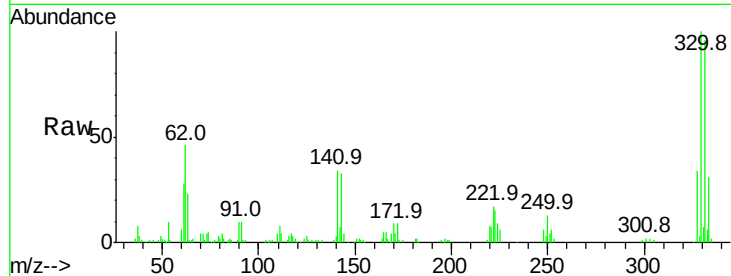
#41
 2,4,6-Tribromophenol
 Concen: 126.98 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampled :
 G13-0-1.5MS

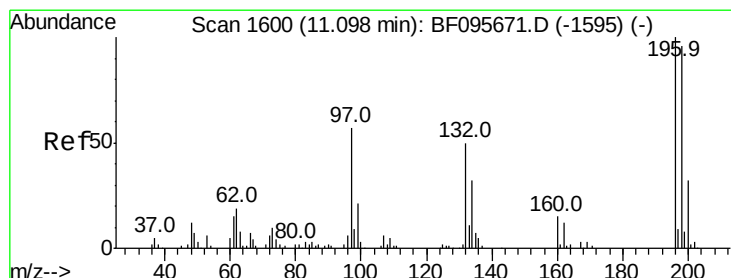
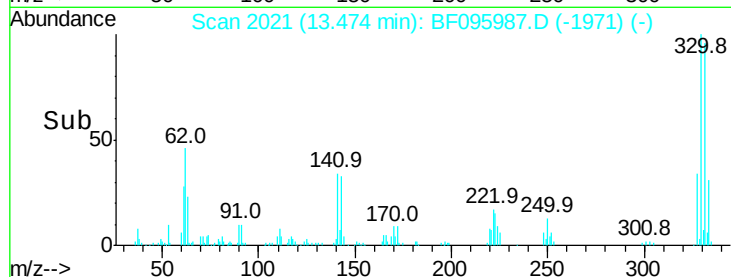
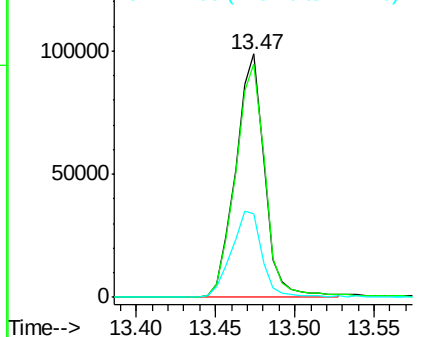
Tot Ion	Ratio	Resp	Lower	Upper
330	100	125113		
332	98.9	76.6	115.0	
141	37.6	31.4	47.2	

Manual Integrations
 APPROVED

mohammad
 6/19/2017 3:47:55 PM



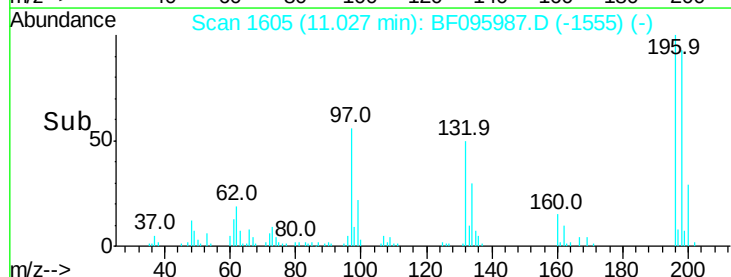
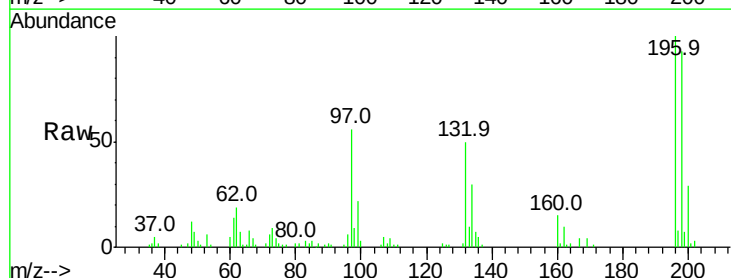
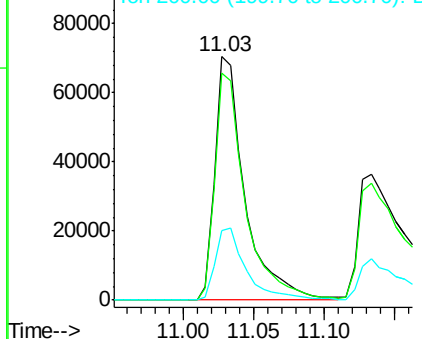
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

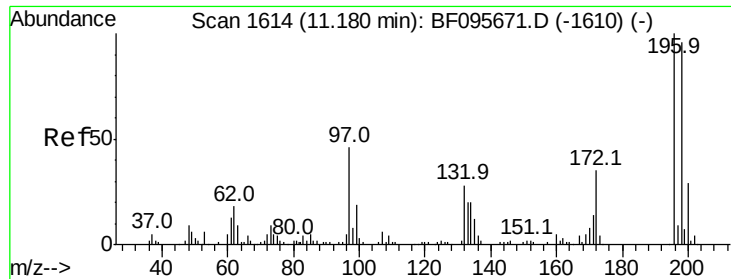


#42
 2,4,6-Trichlorophenol
 Concen: 48.59 ng
 RT: 11.03 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104128		
198	93.0	74.2	111.4	
200	28.7	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





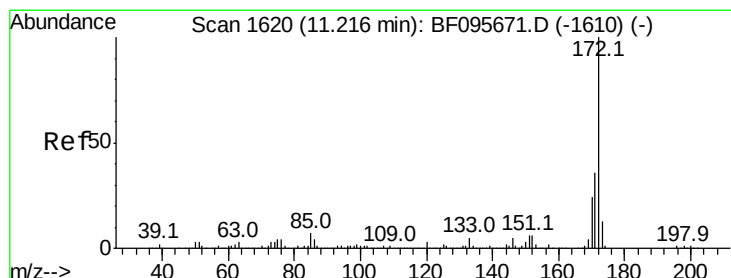
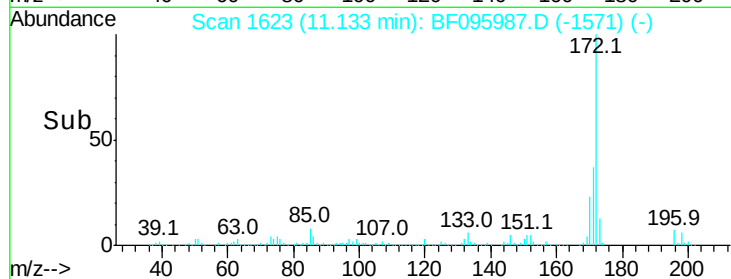
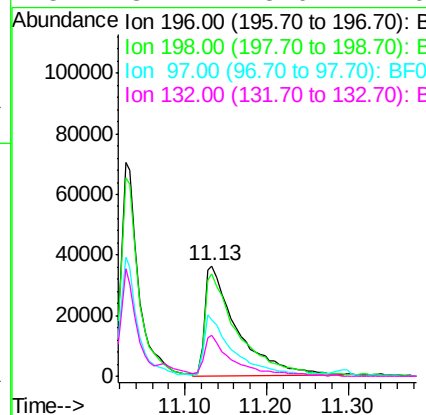
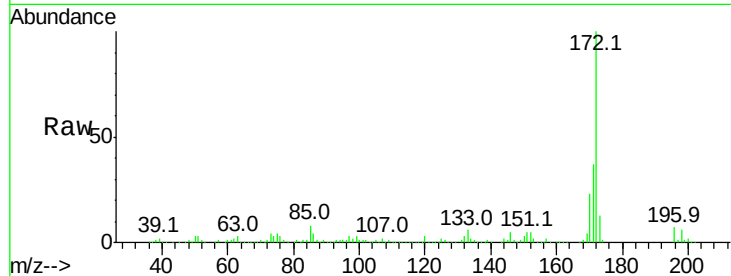
#43
 2,4,5-Trichlorophenol
 Concen: 43.05 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	98123		
198	92.9	75.7	113.5	
97	51.1	47.7	71.5	
132	37.4	28.0	42.0	

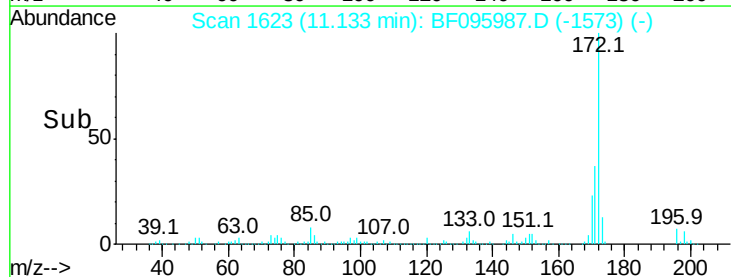
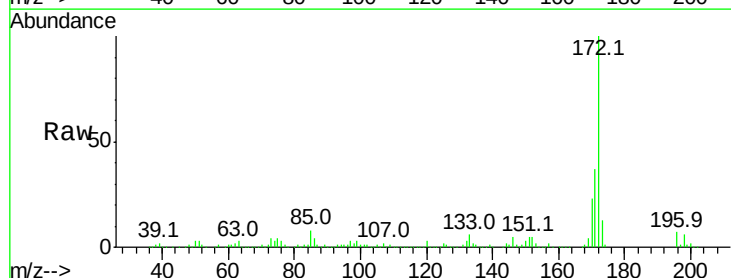
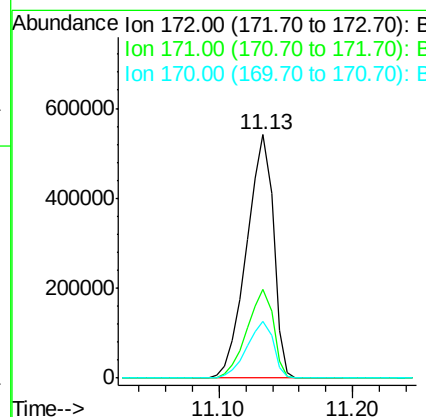
Manual Integrations
 APPROVED

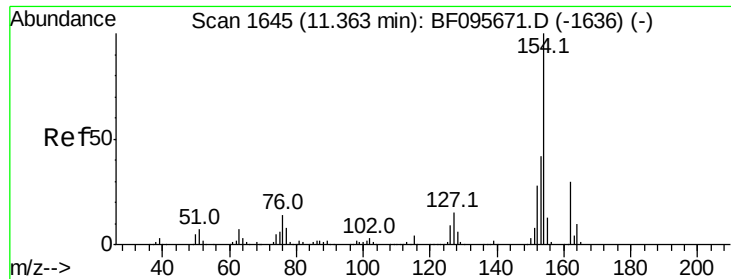
mohammad
 6/19/2017 3:47:55 PM



#44
 2-Fluorobiphenyl
 Concen: 93.48 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	748035		
171	36.7	29.6	44.4	
170	23.1	19.8	29.8	





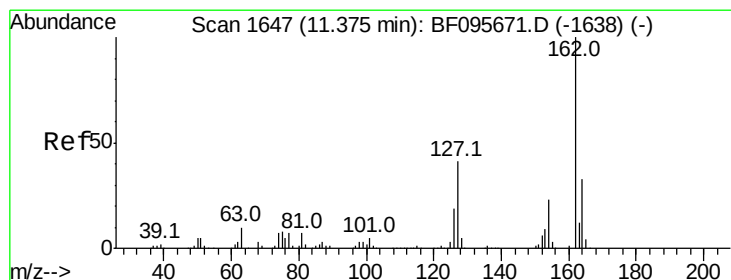
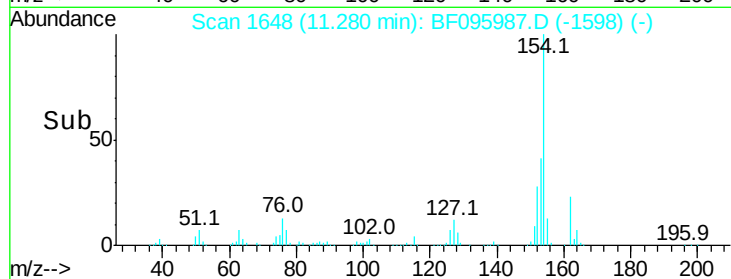
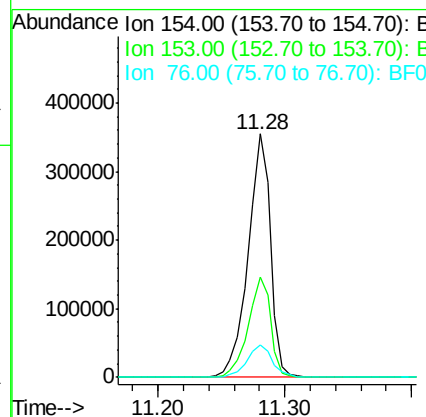
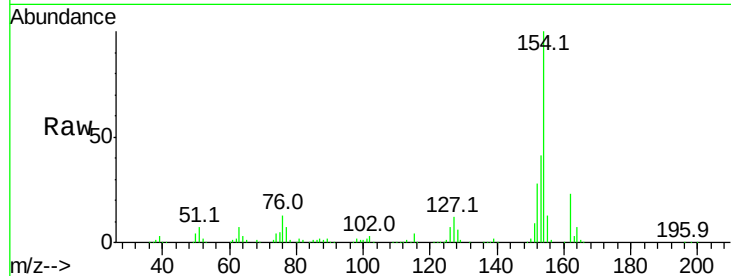
#45
 1,1'-Biphenyl
 Concen: 47.32 ng
 RT: 11.28 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	21.2	61.2	
76	13.2	0.0	29.9	

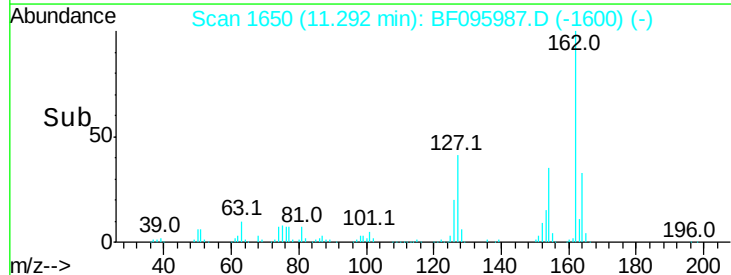
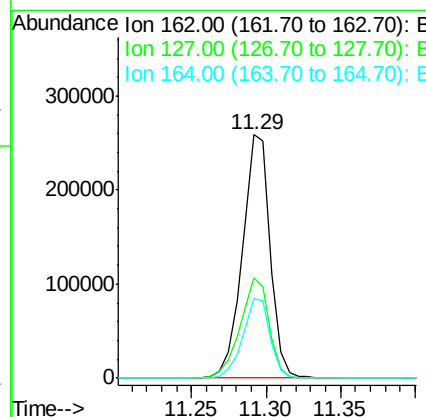
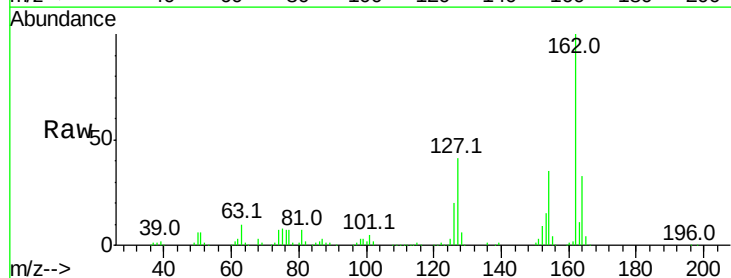
Manual Integrations
 APPROVED

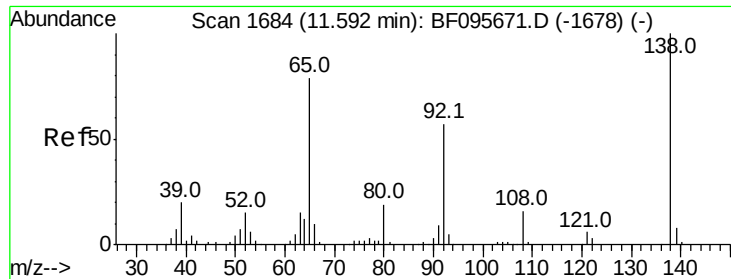
mohammad
 6/19/2017 3:47:55 PM



#46
 2-Chloronaphthalene
 Concen: 46.38 ng
 RT: 11.29 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.4	28.3	42.5	
164	32.6	27.0	40.4	





#47

2-Nitroaniline

Concen: 46.52 ng

RT: 11.52 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

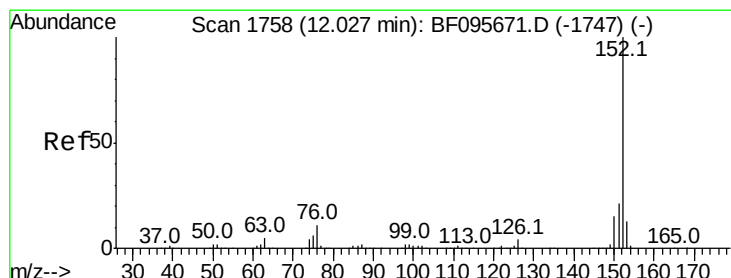
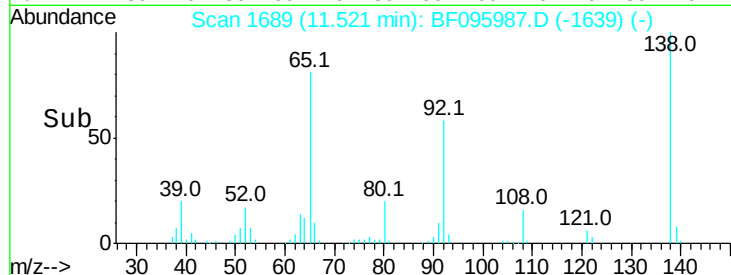
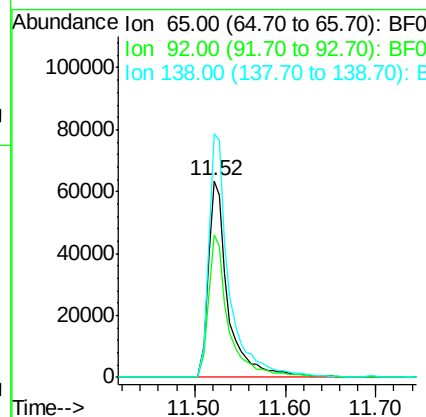
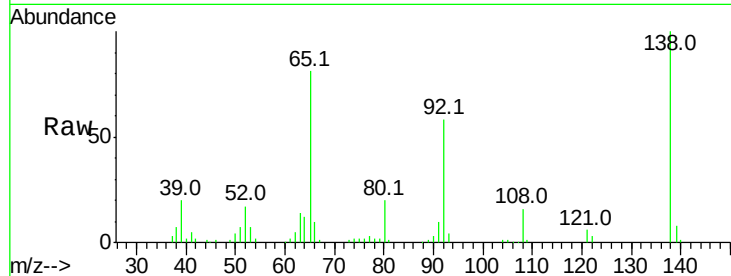
ClientSampleId :

G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.3	53.9	80.9
138	123.8	78.8	118.2

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



#48

Acenaphthylene

Concen: 41.97 ng

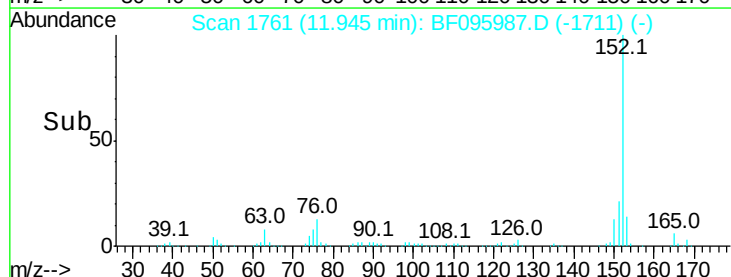
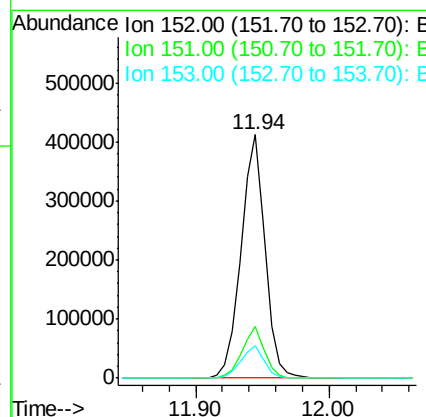
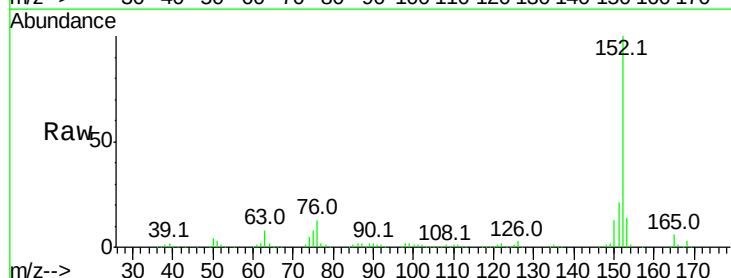
RT: 11.94 min Scan# 1761

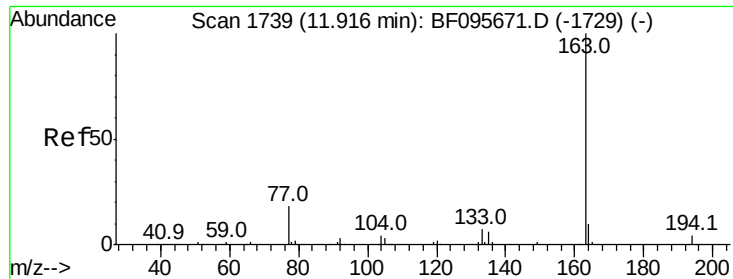
Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.5	10.8	16.2





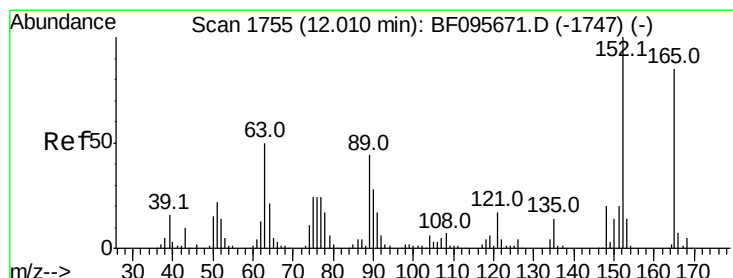
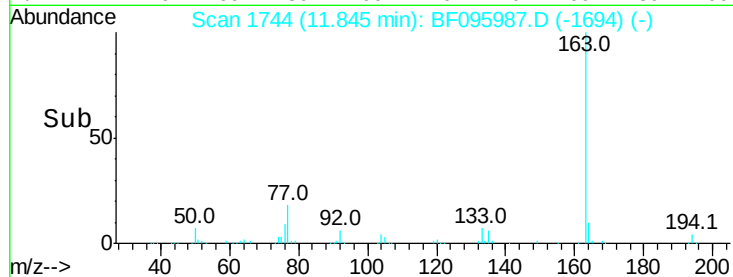
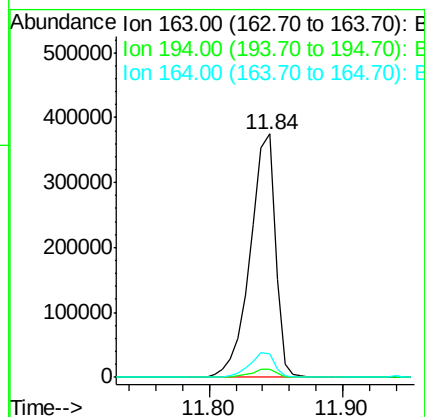
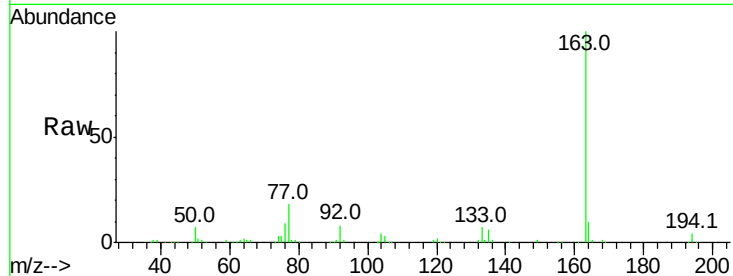
#49
Dimethylphthalate
Concen: 57.66 ng
RT: 11.84 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	9.7	8.4	12.6	

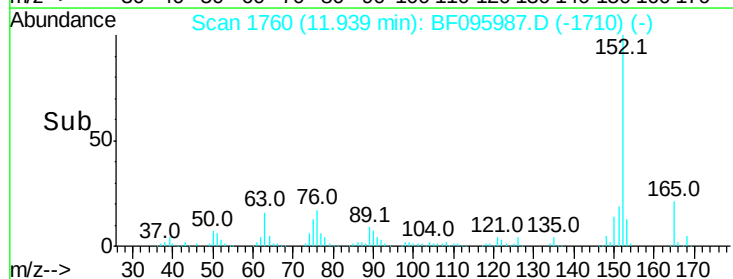
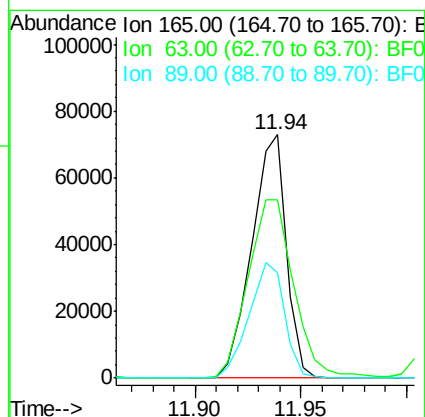
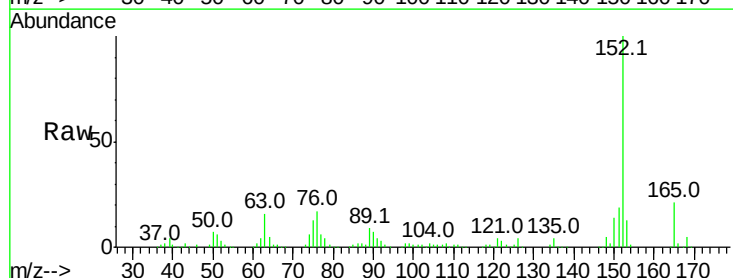
Manual Integrations
APPROVED

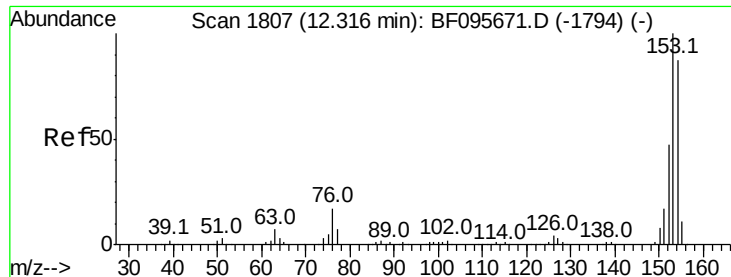
mohammad
6/19/2017 3:47:55 PM



#50
2,6-Dinitrotoluene
Concen: 44.95 ng
RT: 11.94 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	73.2	34.3	51.5#	
89	43.1	37.1	55.7	





#51

Acenaphthene

Concen: 44.93 ng

RT: 12.23 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

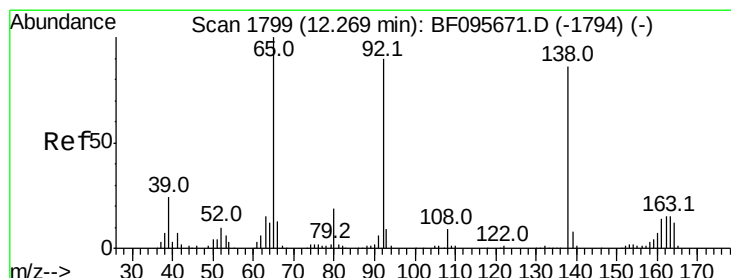
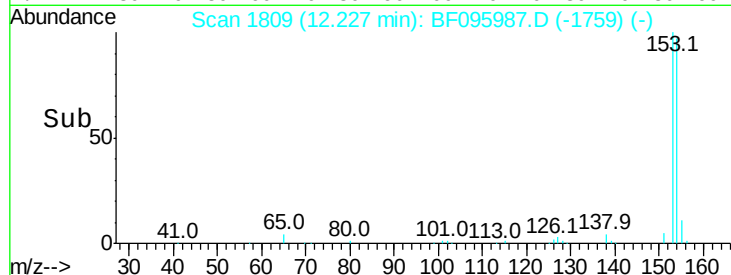
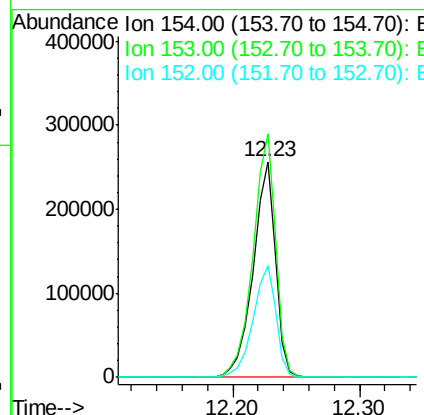
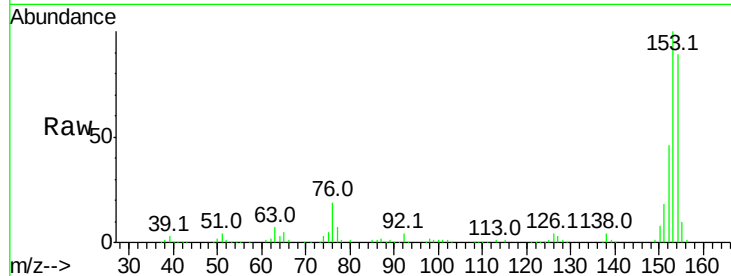
ClientSampleId :

G13-0-1.5MS

Tot Ion:	154	Resp:	318192
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.5	135.7
152	51.9	43.6	65.4

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



#52

3-Nitroaniline

Concen: 32.09 ng

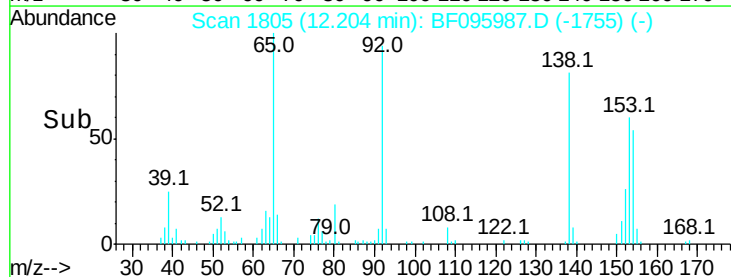
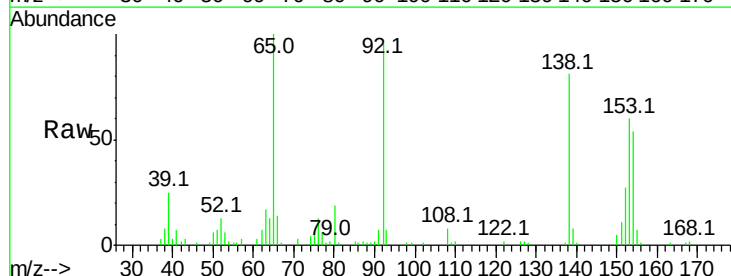
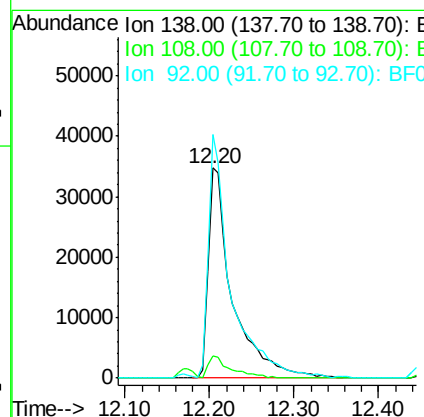
RT: 12.20 min Scan# 1805

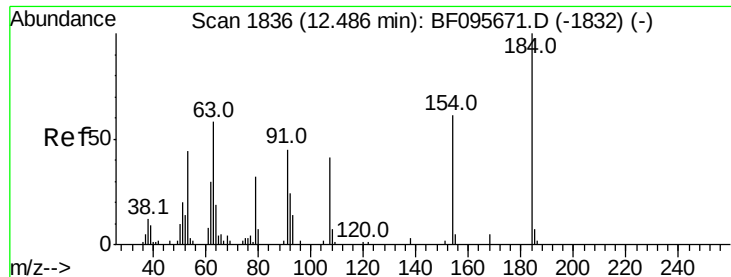
Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion:	138	Resp:	68947
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.1	13.7
92	116.1	93.8	140.6





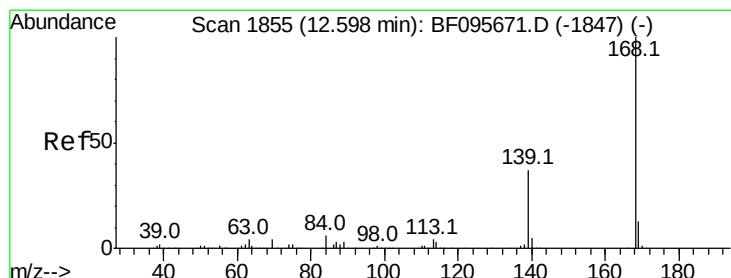
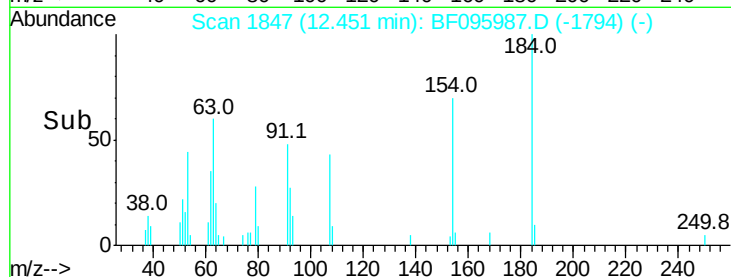
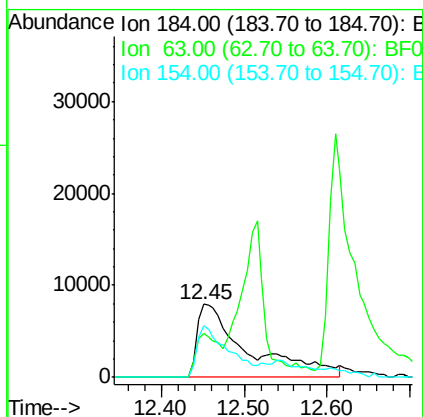
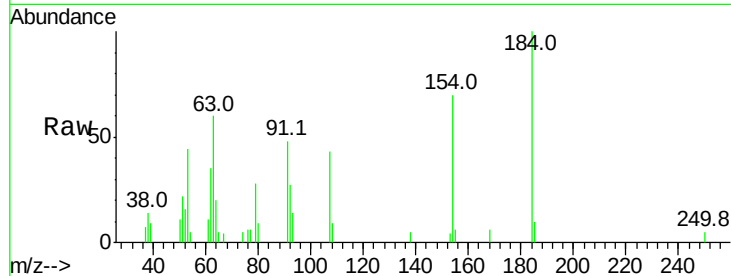
#53
2,4-Dinitrophenol
Concen: 36.34 ng/mL
RT: 12.45 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.3	62.7	94.1#
154	70.5	81.1	121.7#

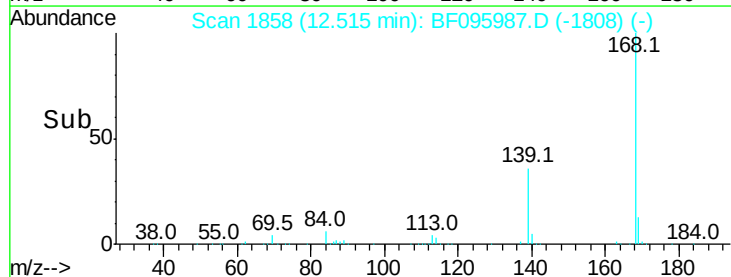
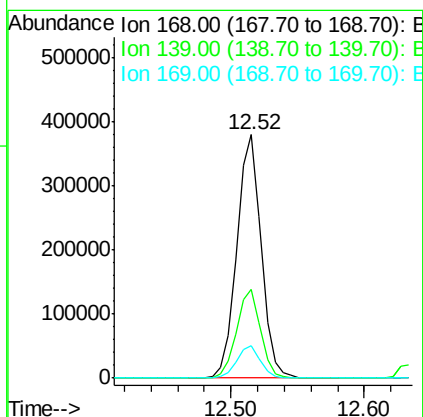
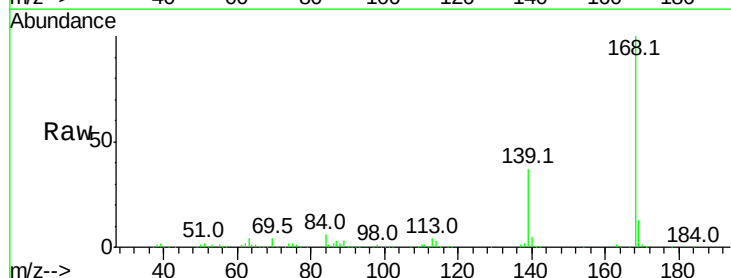
Manual Integrations
APPROVED

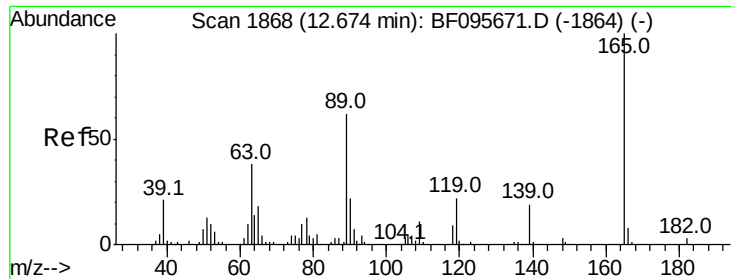
mohammad
6/19/2017 3:47:55 PM



#54
Dibenzofuran
Concen: 48.24 ng
RT: 12.52 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.6	45.8
169	13.2	10.8	16.2





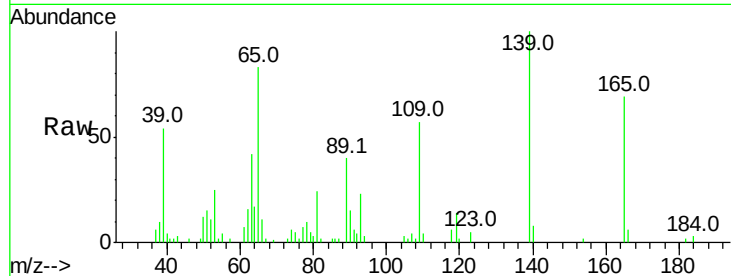
#55
4-Nitrophenol
Concen: 70.11 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

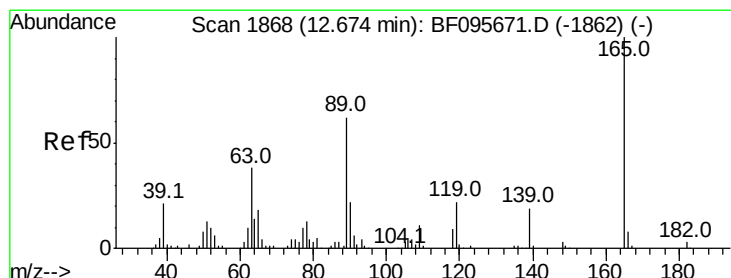
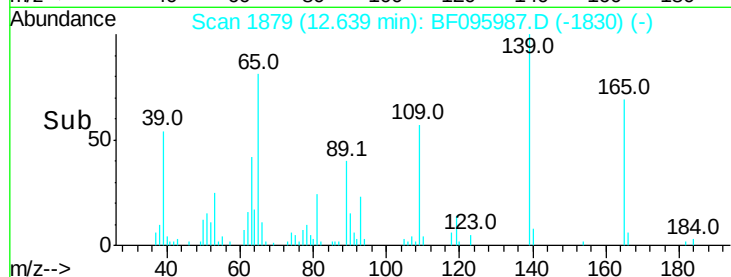
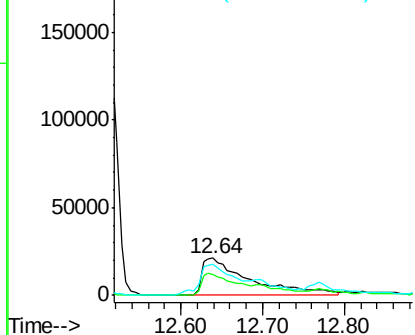
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.0	34.1	74.1	
65	82.9	31.4	71.4	

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



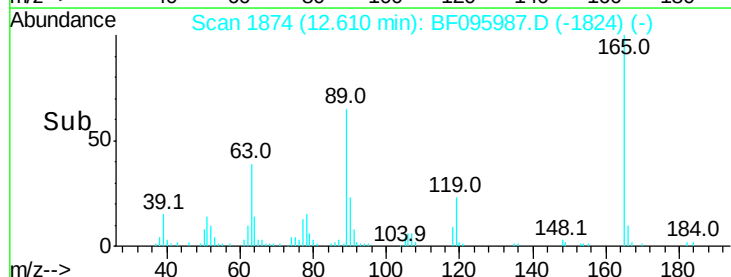
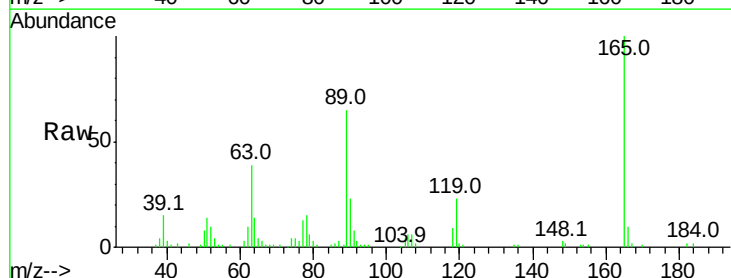
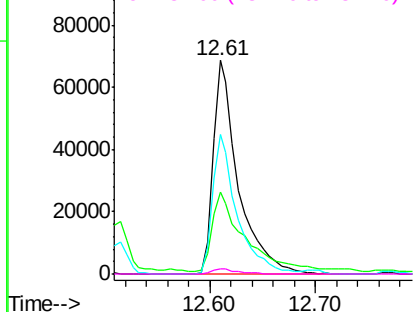
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

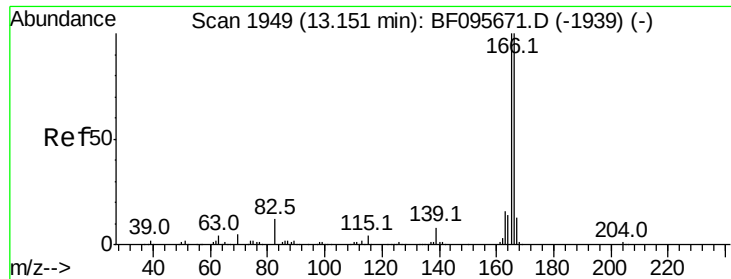


#56
2,4-Dinitrotoluene
Concen: 45.83 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.6	25.4	38.0	
89	65.2	46.4	69.6	
182	2.3	1.8	2.6	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.06 ng

RT: 13.07 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

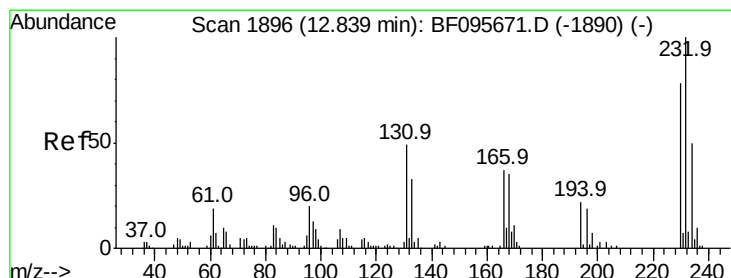
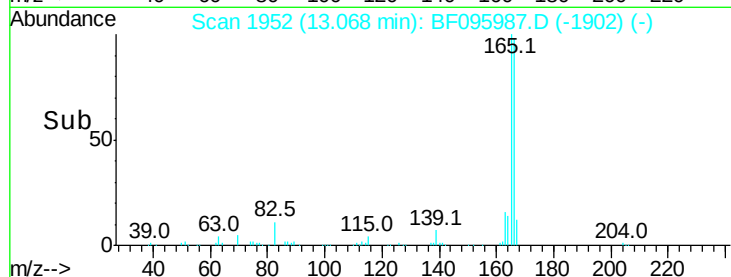
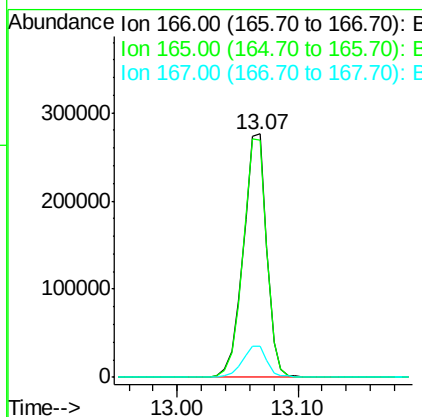
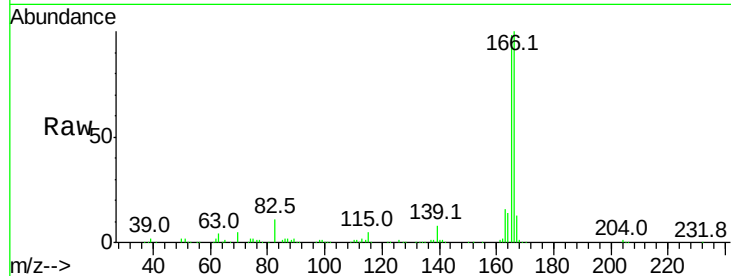
ClientSampleId :

G13-0-1.5MS

Tot Ion:	166	Resp:	373537
Ion Ratio	Lower	Upper	
166	100		
165	97.6	78.8	118.2
167	12.6	10.6	16.0

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.54 ng

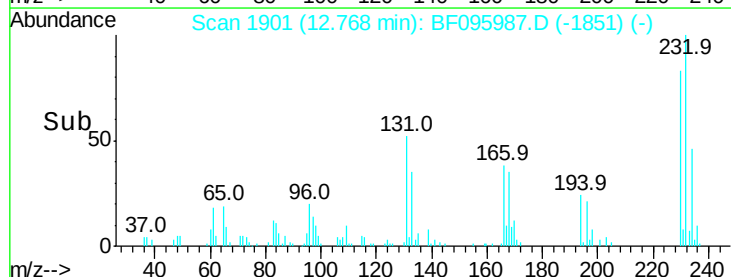
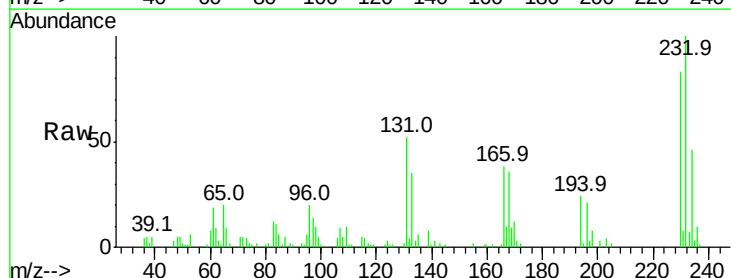
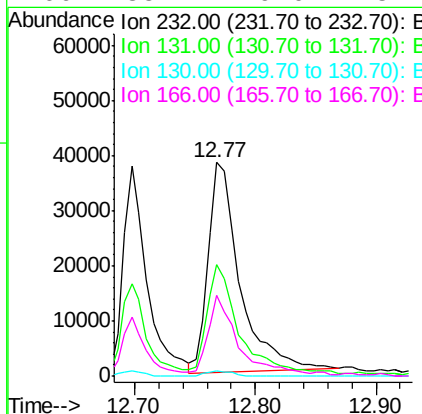
RT: 12.77 min Scan# 1901

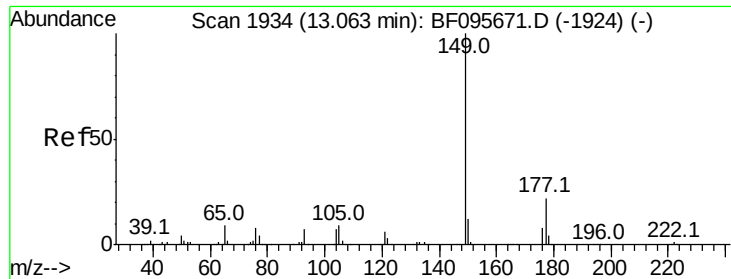
Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion:	232	Resp:	69455
Ion Ratio	Lower	Upper	
232	100		
131	52.6	44.8	67.2
130	2.0	2.3	3.5#
166	35.2	29.0	43.4





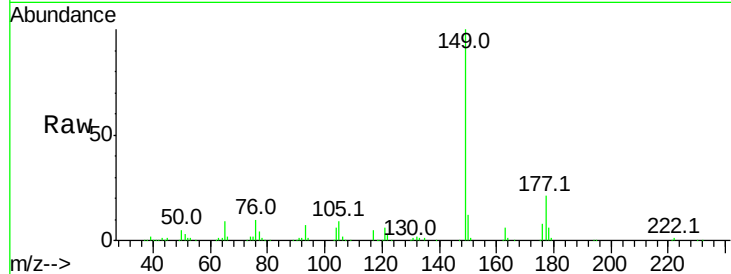
#59
Diethylphthalate
Concen: 46.62 ng
RT: 12.98 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

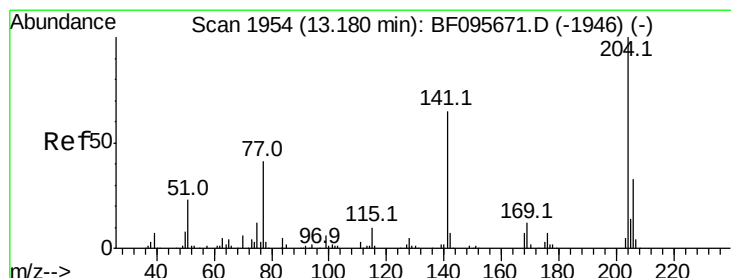
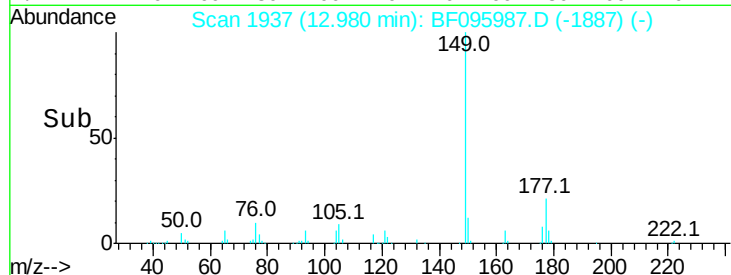
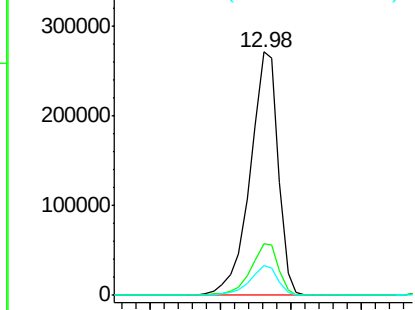
Tot Ion	Ratio	Resp	Lower	Upper
149	100	379387		
177	21.1	16.7	25.1	
150	12.2	10.2	15.2	

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM

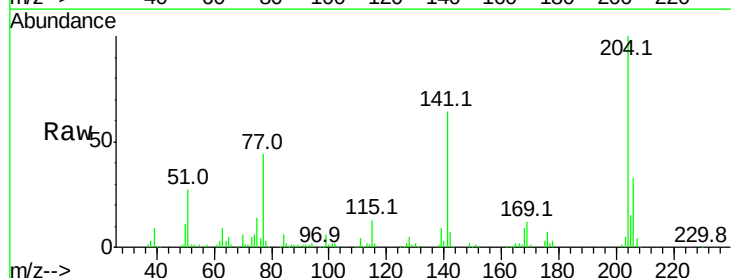


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

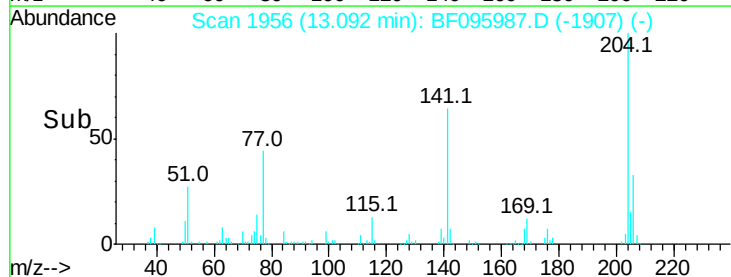
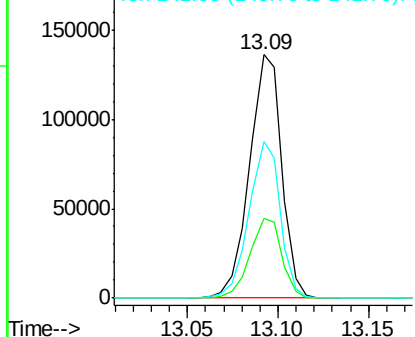


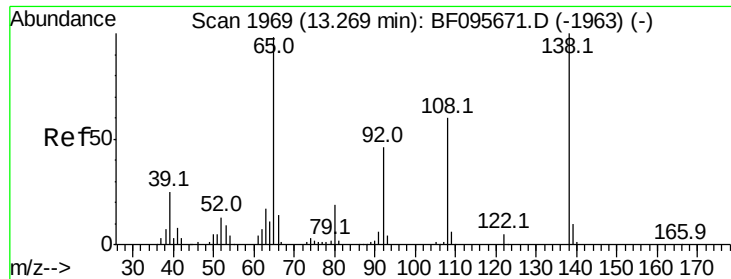
#60
4-Chlorophenyl-phenylether
Concen: 44.53 ng
RT: 13.09 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	167985		
206	32.7	26.2	39.2	
141	64.3	60.8	91.2	



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





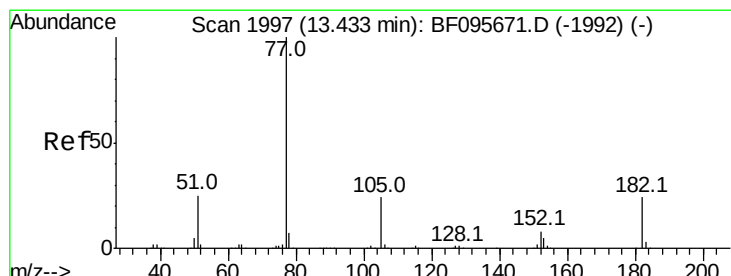
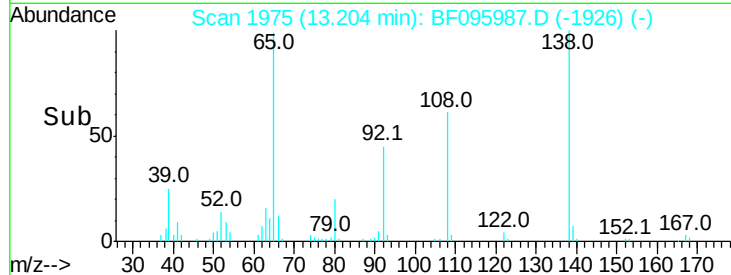
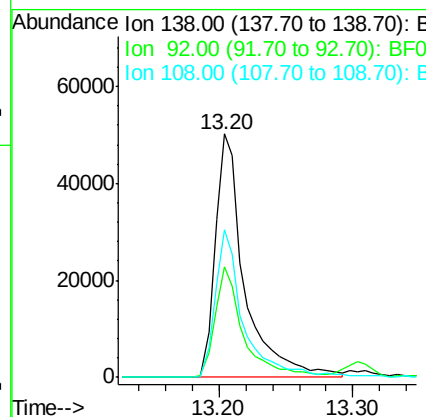
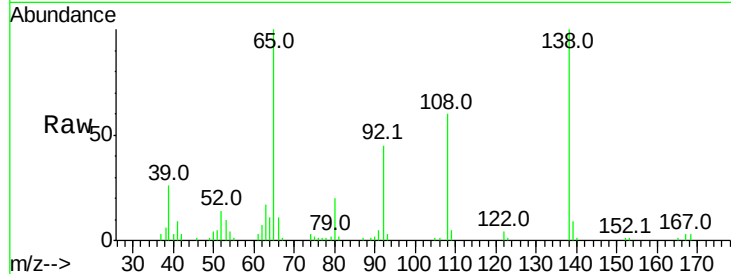
#61
4-Nitroaniline
Concen: 38.40 ng
RT: 13.20 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.4	21.8	61.8
108	60.7	42.3	82.3

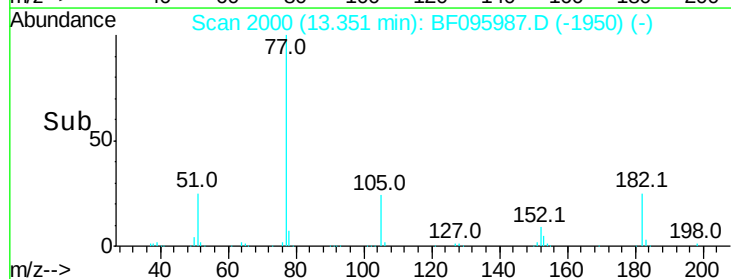
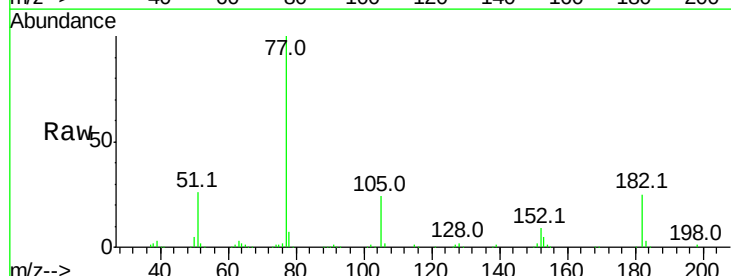
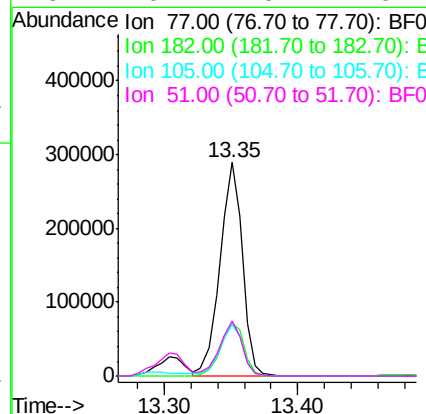
Manual Integrations
APPROVED

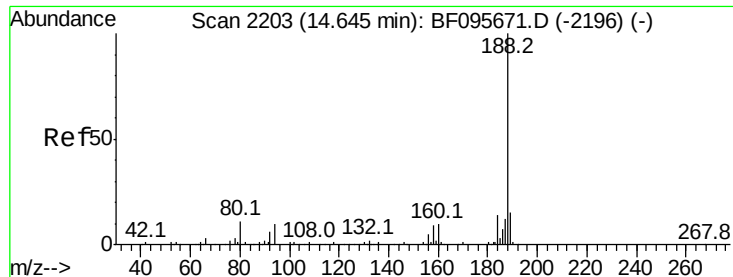
mohammad
6/19/2017 3:47:55 PM



#62
Azobenzene
Concen: 46.62 ng
RT: 13.35 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.7	0.1	40.1
105	24.0	3.6	43.6
51	26.1	9.4	49.4





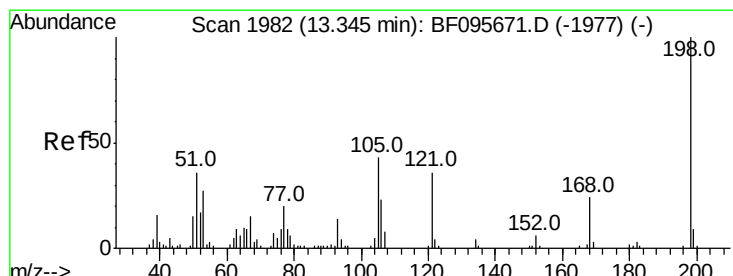
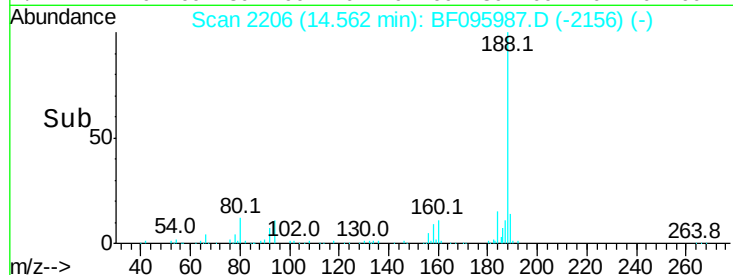
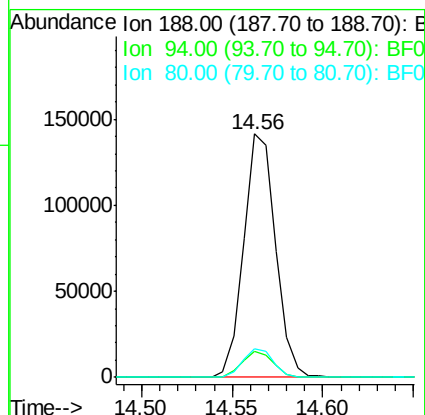
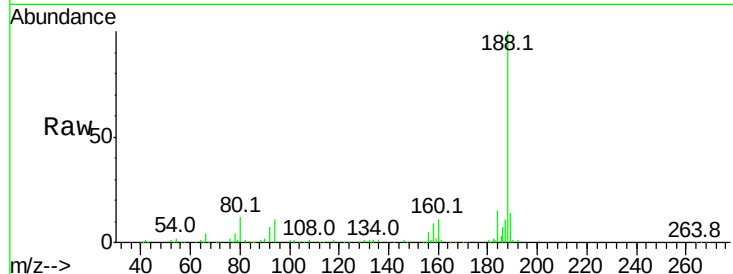
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.9	9.4	14.2
80	11.5	10.2	15.2

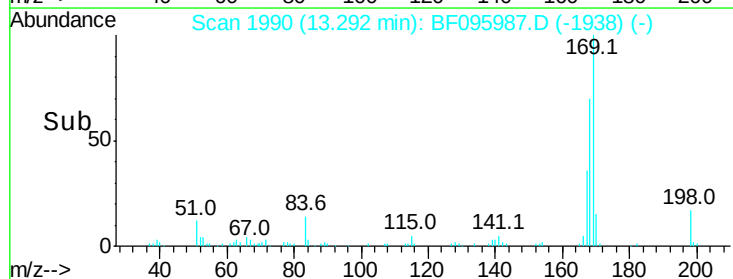
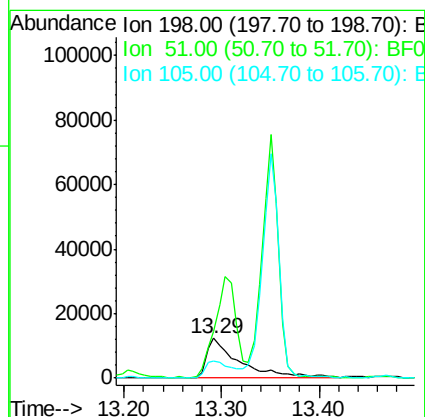
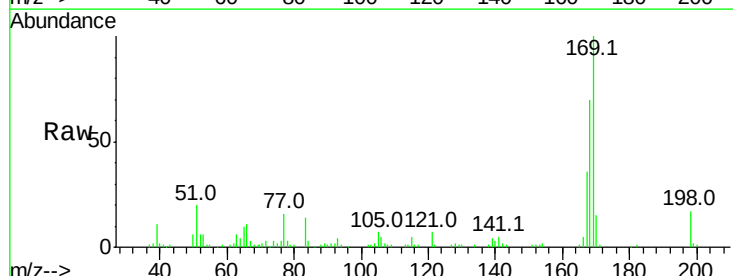
Manual Integrations
APPROVED

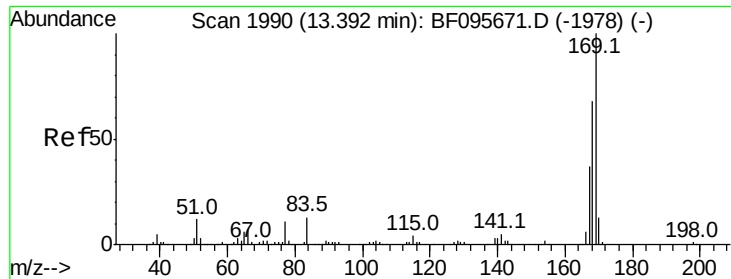
mohammad
6/19/2017 3:47:55 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 25.87 ng
RT: 13.29 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	118.4	53.2	93.2#
105	42.5	45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 51.05 ng

RT: 13.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

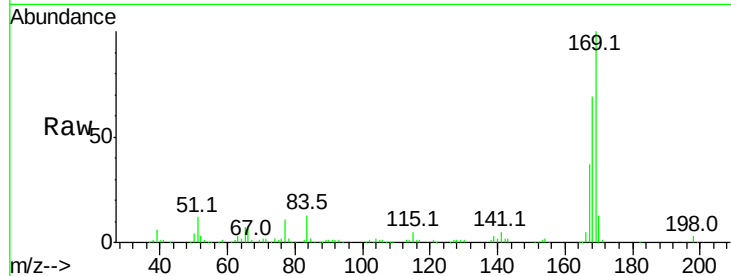
ClientSampleId :

G13-0-1.5MS

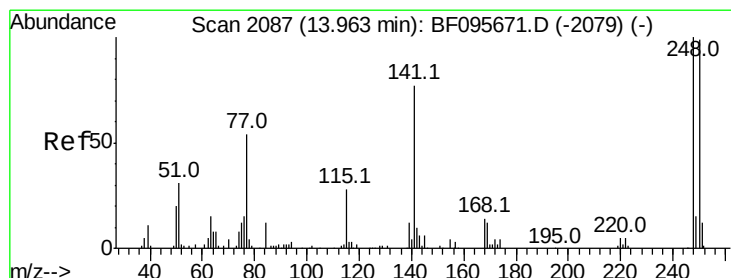
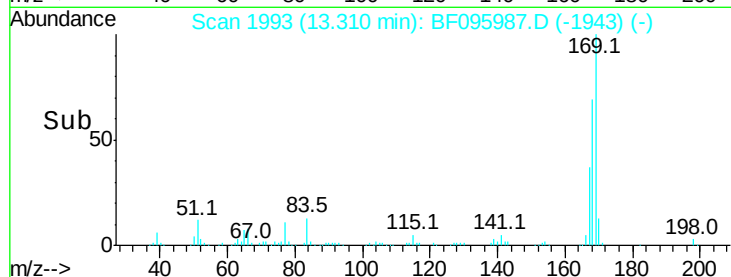
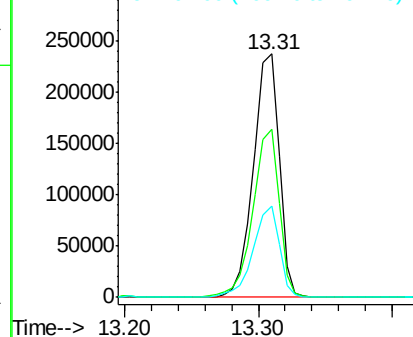
Tot Ion:	169	Resp:	316336
Ion Ratio	Lower	Upper	
169	100		
168	69.2	53.2	79.8
167	37.3	29.5	44.3

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



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



#66

4-Bromophenyl-phenylether

Concen: 50.67 ng

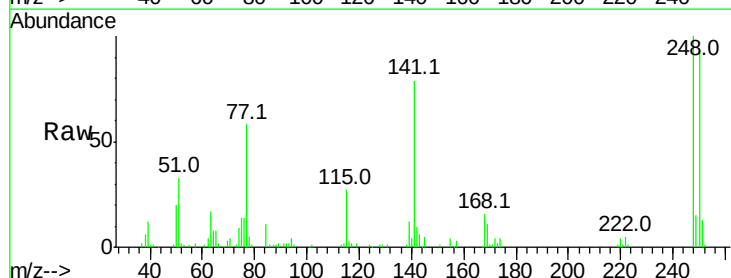
RT: 13.87 min Scan# 2089

Delta R.T. -0.01 min

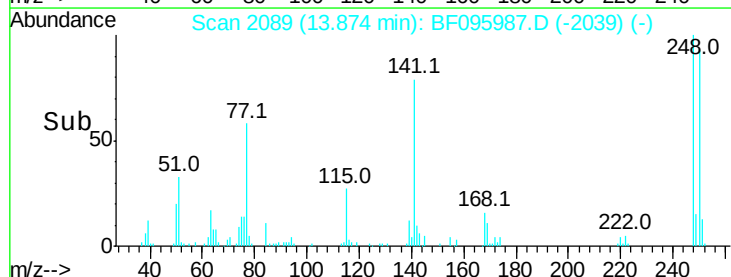
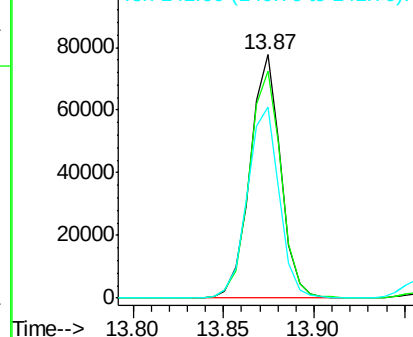
Lab File: BF095987.D

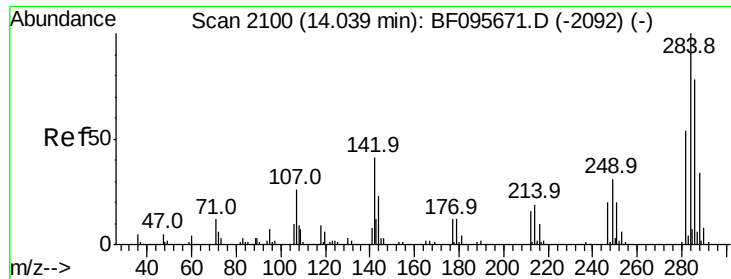
Acq: 17 Jun 2017 9:17

Tgt Ion:	248	Resp:	90818
Ion Ratio	Lower	Upper	
248	100		
250	93.1	76.8	115.2
141	78.6	68.6	103.0



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





#67

Hexachlorobenzene

Concen: 48.36 ng

RT: 13.96 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

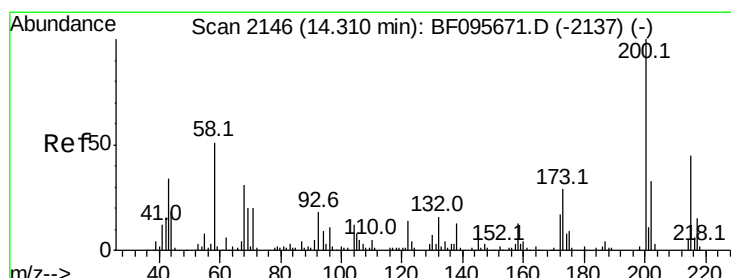
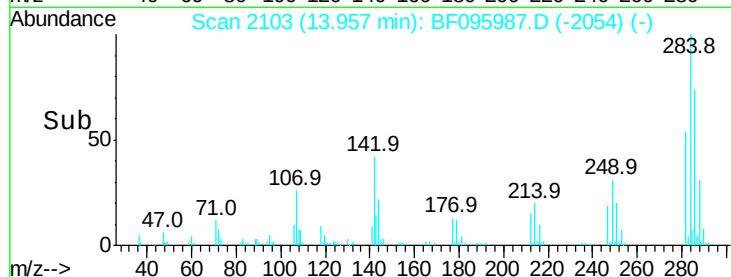
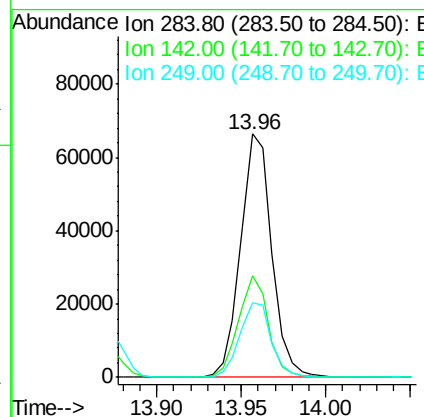
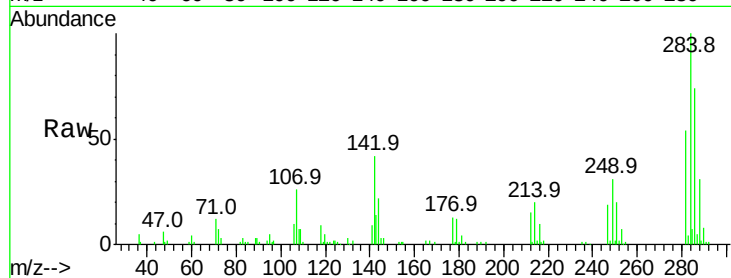
ClientSampleId :

G13-0-1.5MS

Tot Ion:	284	Resp:	85421
Ion Ratio	Lower	Upper	
284	100		
142	41.6	22.8	34.2#
249	30.6	24.0	36.0

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



#68

Atrazine

Concen: 53.02 ng

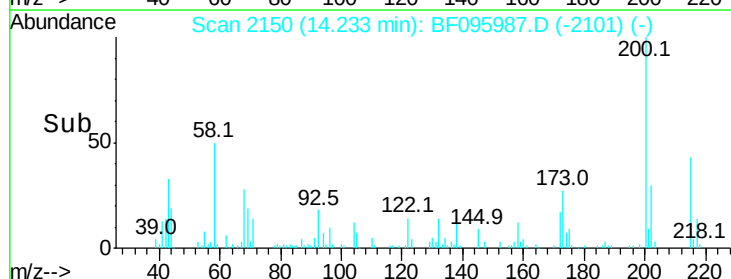
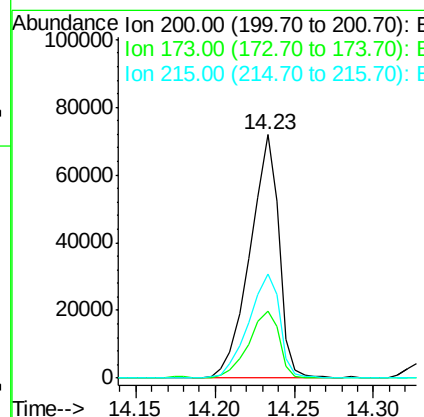
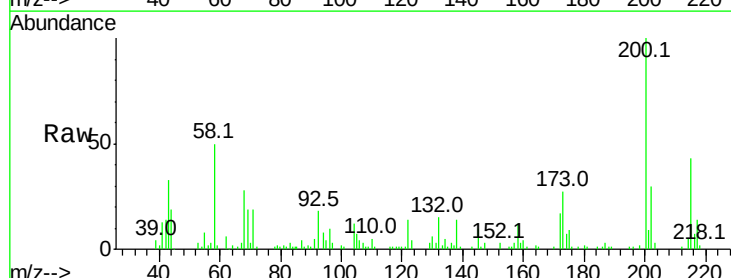
RT: 14.23 min Scan# 2150

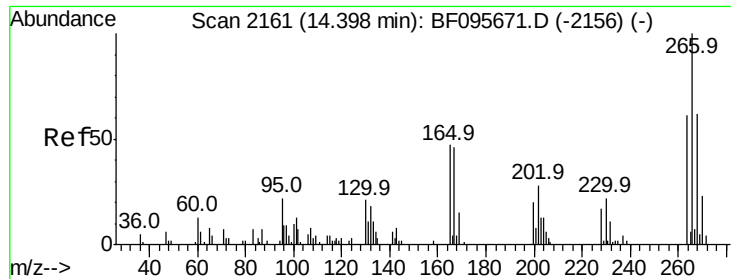
Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion:	200	Resp:	91449
Ion Ratio	Lower	Upper	
200	100		
173	27.4	6.3	46.3
215	42.8	27.2	67.2





#69

Pentachlorophenol

Concen: 64.91 ng

RT: 14.33 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

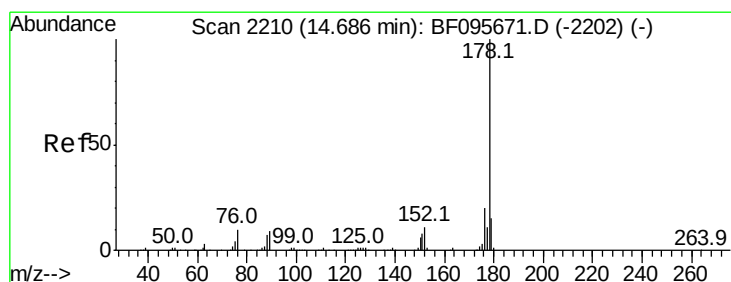
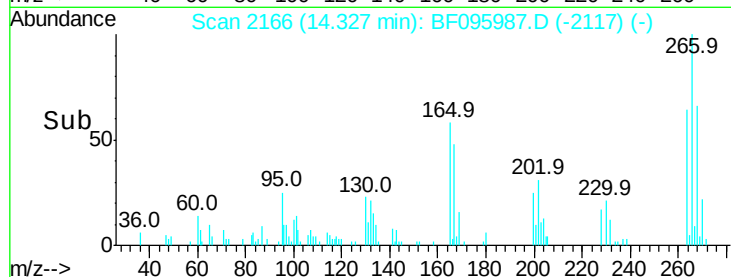
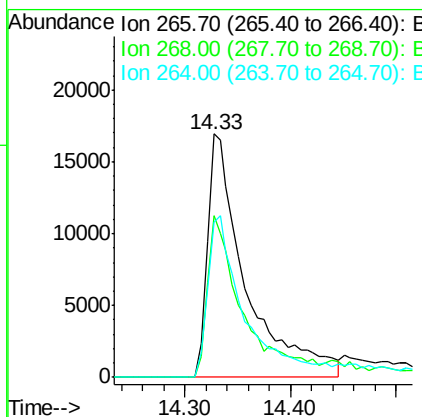
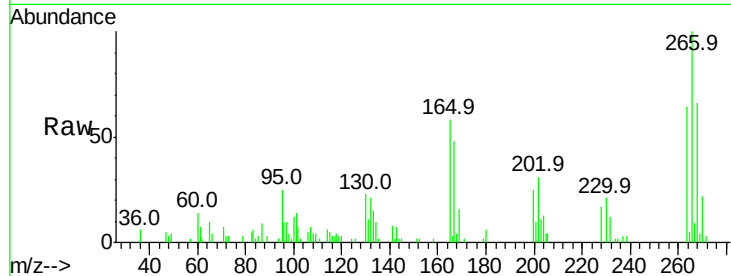
ClientSampleId :

G13-0-1.5MS

Tot Ion:	266	Resp:	42563
Ion Ratio	Lower	Upper	
266	100		
268	66.2	51.1	76.7
264	63.6	51.7	77.5

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



#70

Phenanthrene

Concen: 57.38 ng

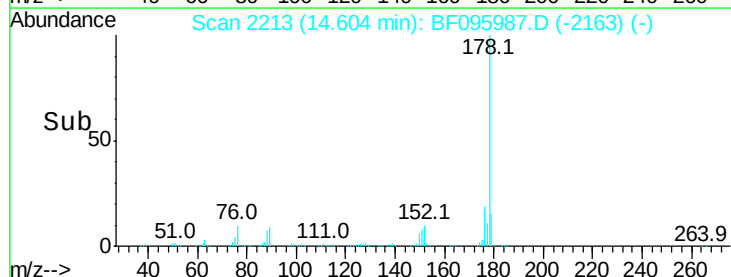
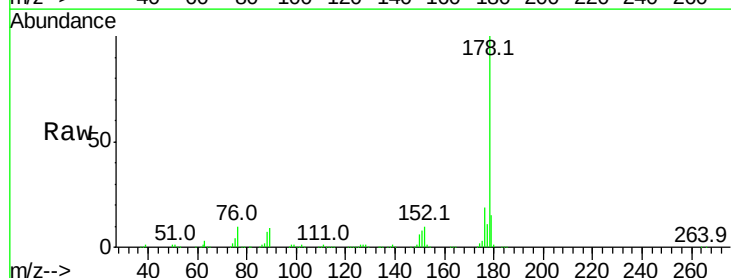
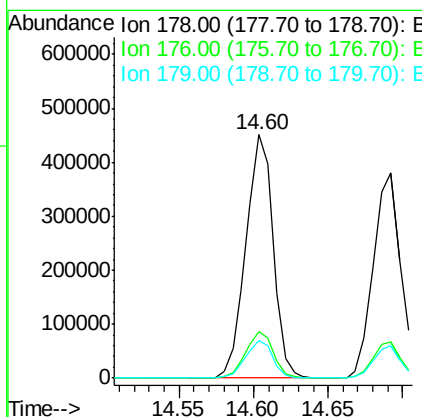
RT: 14.60 min Scan# 2213

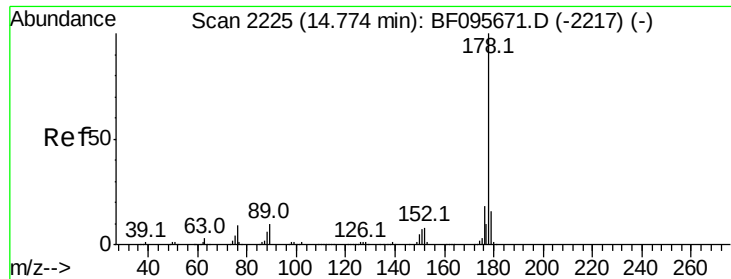
Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion:	178	Resp:	570983
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.2	24.4
179	15.2	12.6	19.0





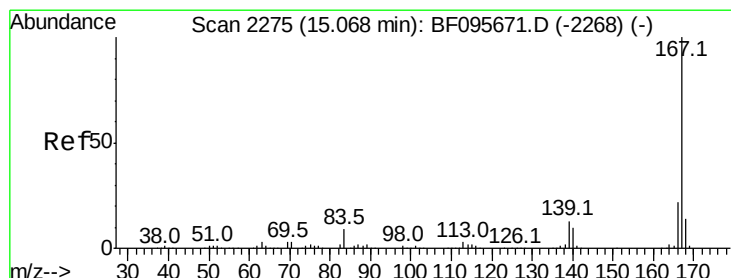
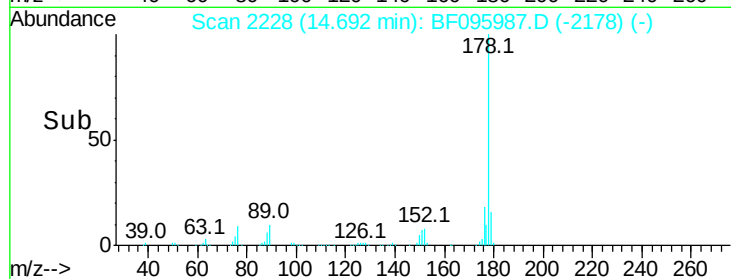
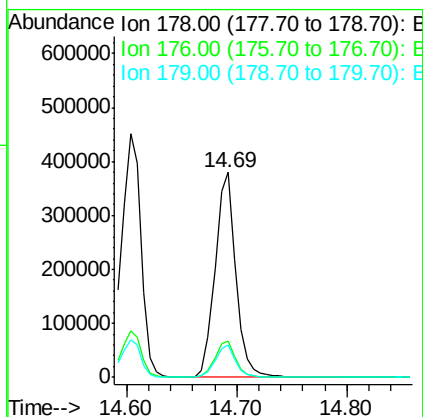
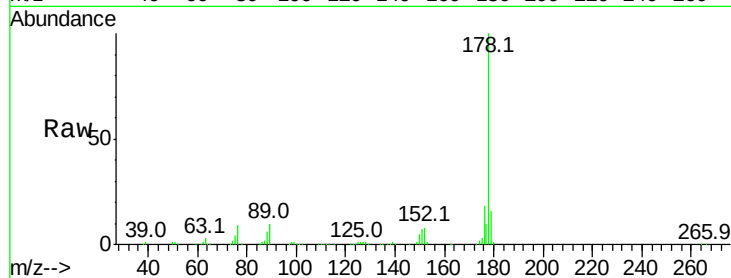
#71
 Anthracene
 Concen: 47.54 ng
 RT: 14.69 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	15.8	12.7	19.1

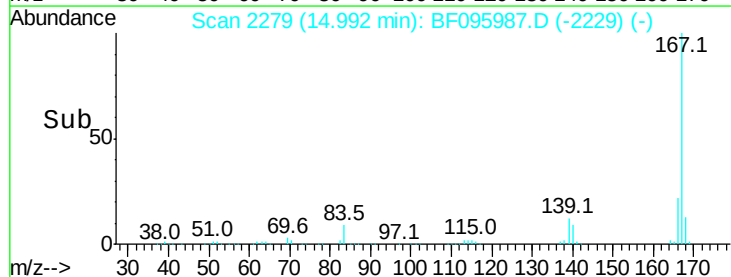
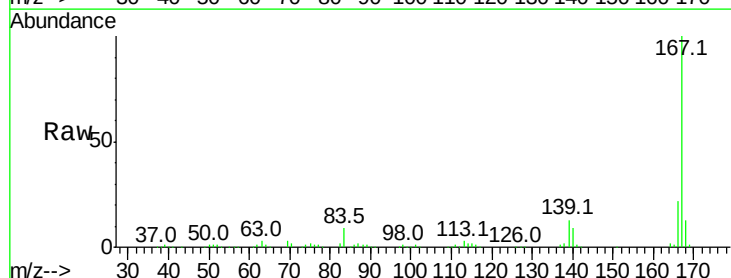
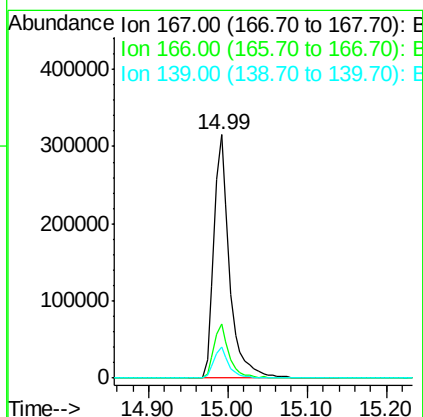
Manual Integrations
 APPROVED

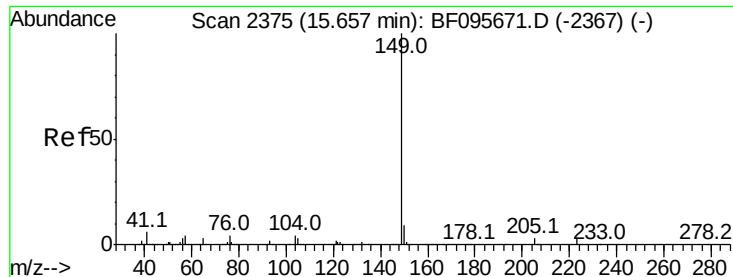
mohammad
 6/19/2017 3:47:55 PM



#72
 Carbazole
 Concen: 42.65 ng
 RT: 14.99 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	12.6	11.7	17.5





#73

Di-n-butylphthalate

Concen: 51.17 ng

RT: 15.58 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

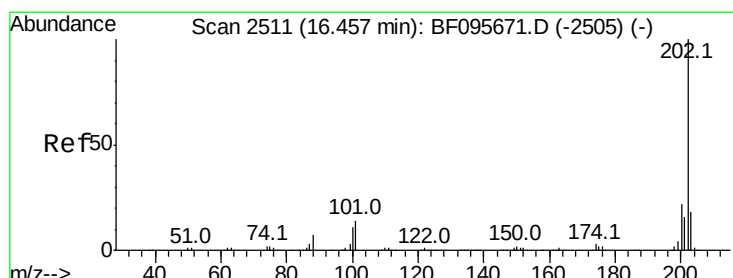
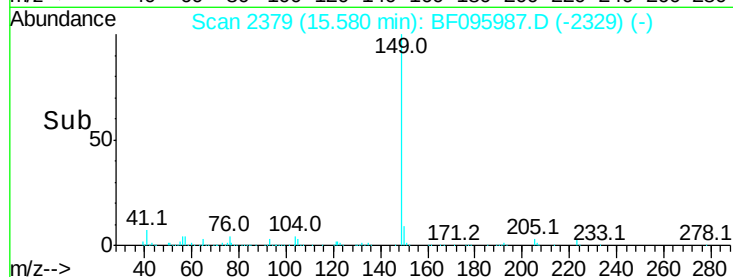
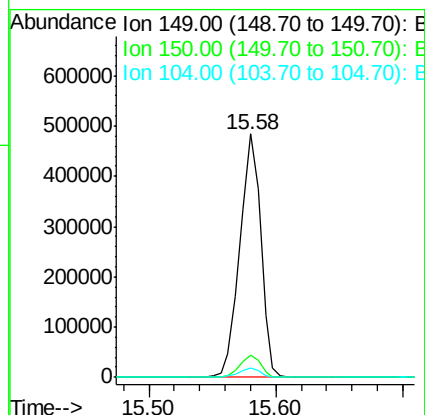
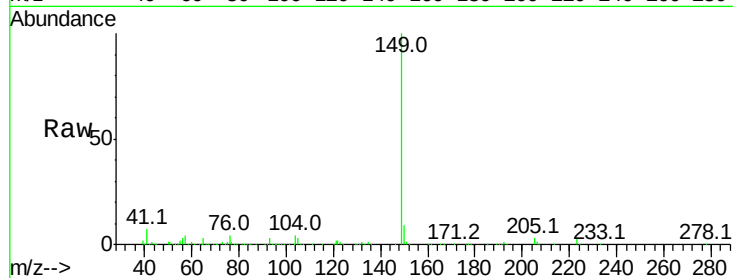
ClientSampleId :

G13-0-1.5MS

Tot Ion:	149	Resp:	551116
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.0	4.0	6.0

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



#74

Fluoranthene

Concen: 55.12 ng

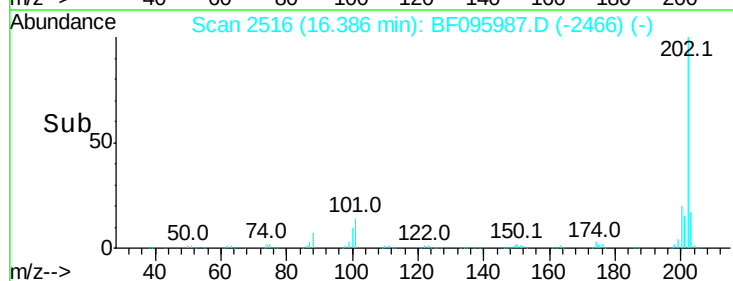
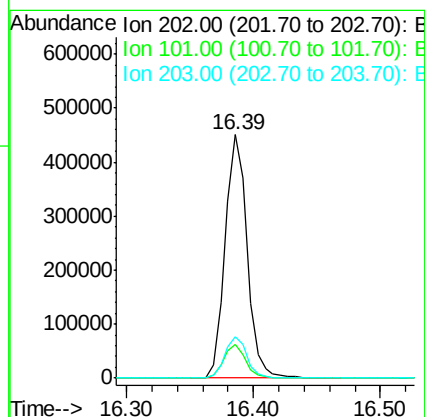
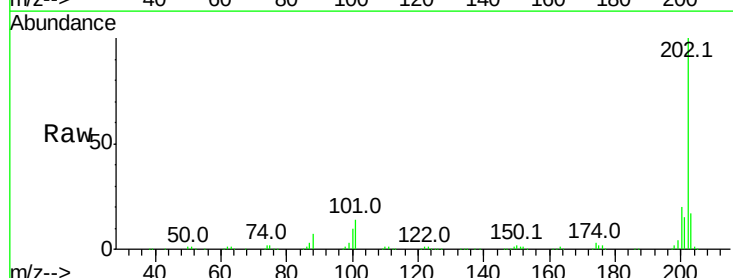
RT: 16.39 min Scan# 2516

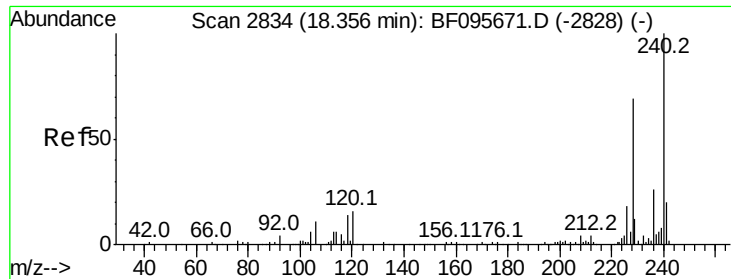
Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion:	202	Resp:	542913
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

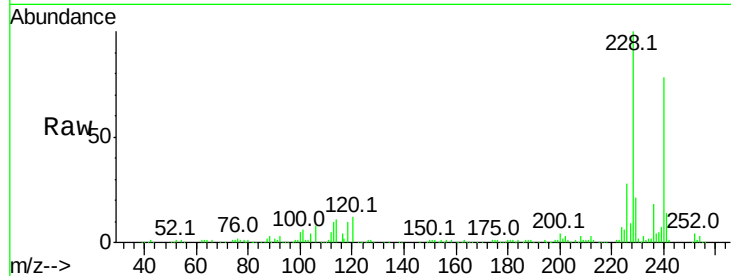
ClientSampleId :

G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	23.4	20.5	30.7

Manual Integrations
APPROVED

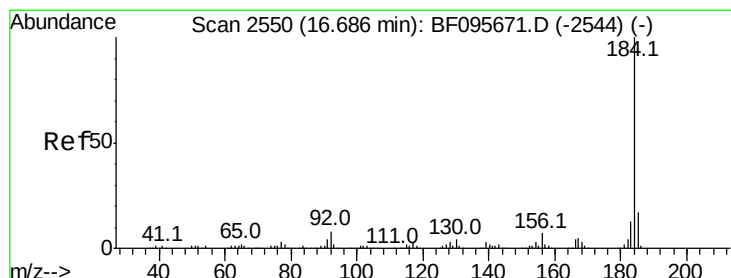
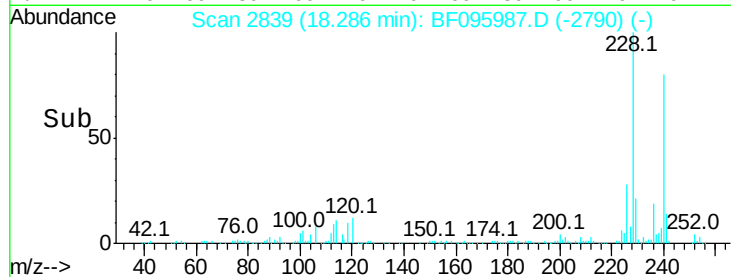
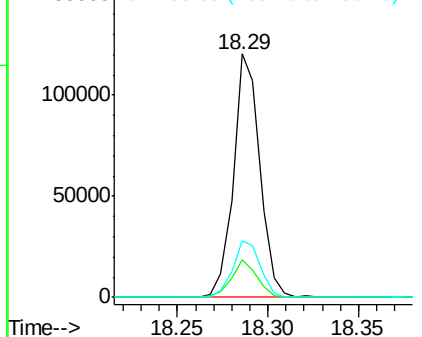
mohammad
6/19/2017 3:47:55 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.47 ng

RT: 16.62 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BF095987.D

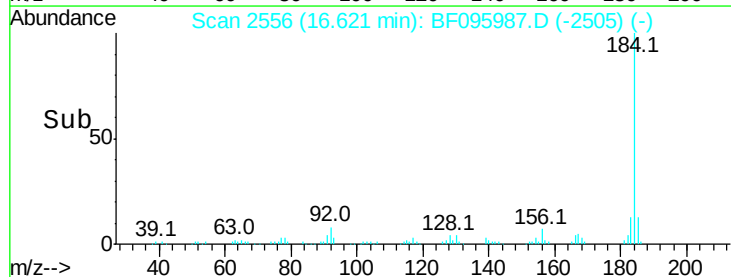
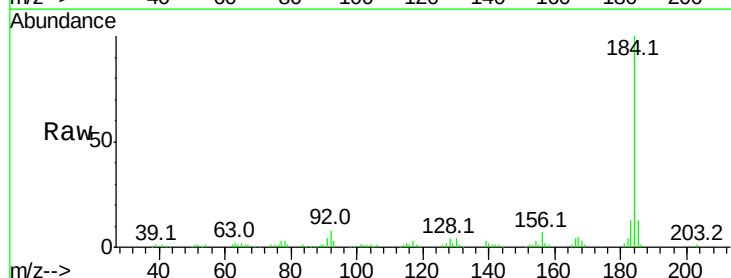
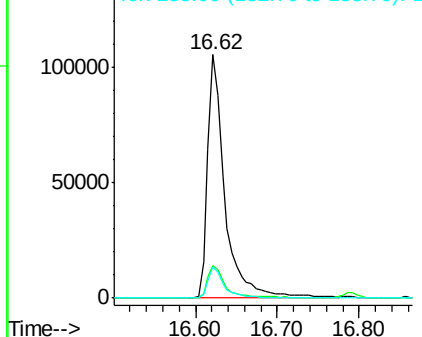
Acq: 17 Jun 2017 9:17

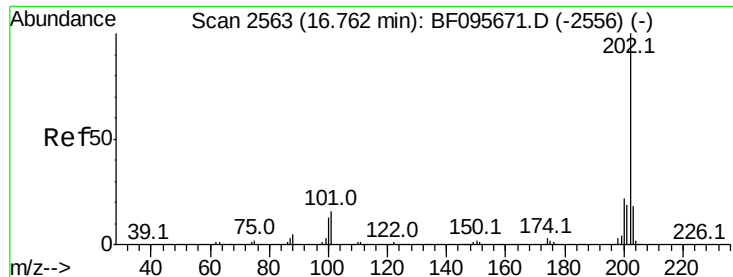
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.4	15.5	23.3#
183	12.7	9.8	14.6

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 58.46 ng

RT: 16.69 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Instrument :

BNA_F

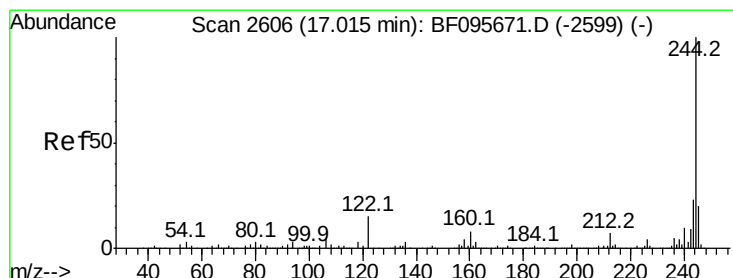
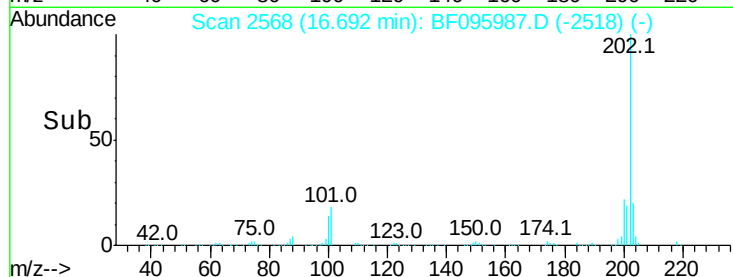
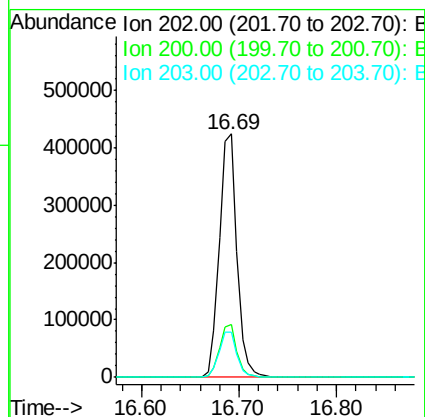
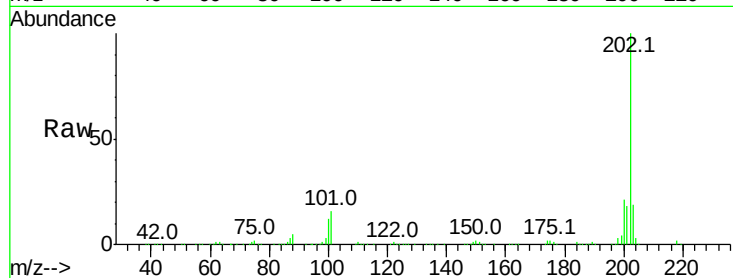
ClientSampleId :

G13-0-1.5MS

Tot Ion:	202	Resp:	530529
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	18.5	14.4	21.6

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:55 PM



#78

Terphenyl-d14

Concen: 94.43 ng

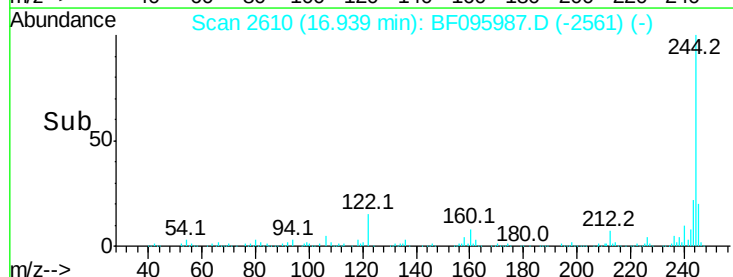
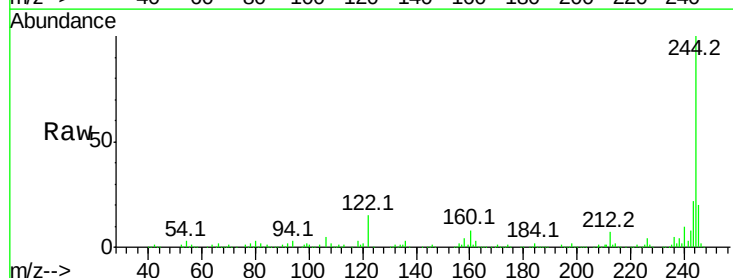
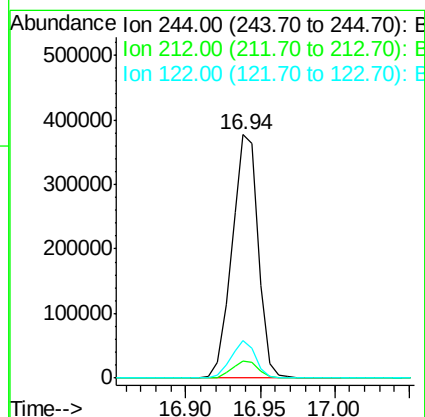
RT: 16.94 min Scan# 2610

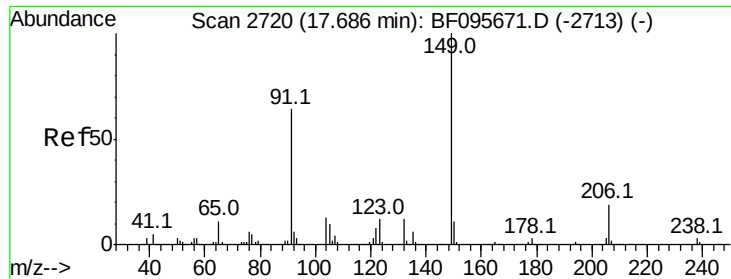
Delta R.T. -0.01 min

Lab File: BF095987.D

Acq: 17 Jun 2017 9:17

Tgt Ion:	244	Resp:	462756
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	15.3	10.3	15.5





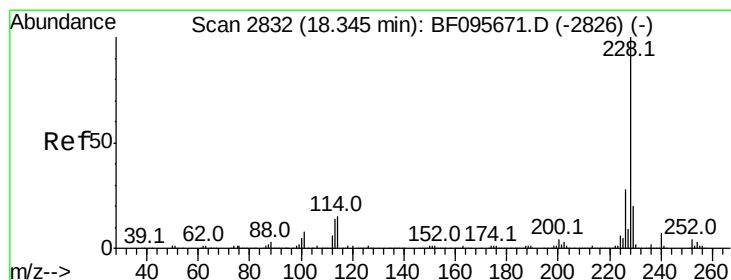
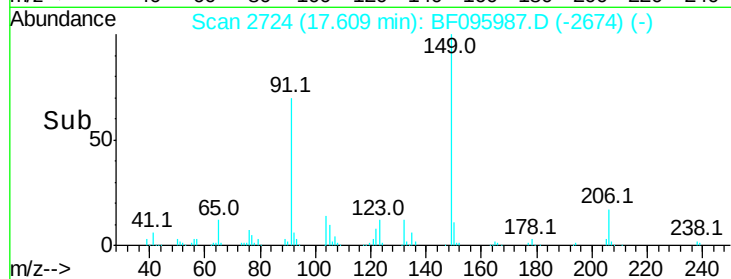
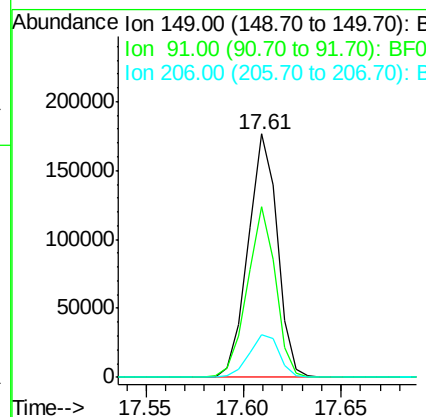
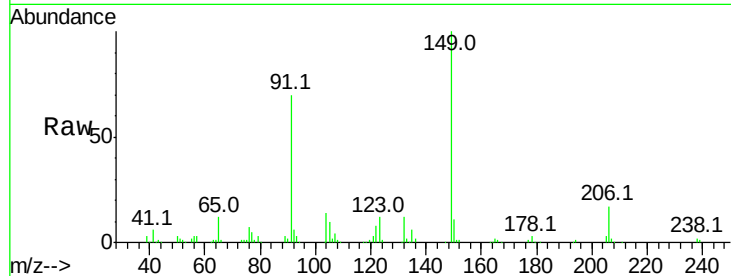
#79
Butylbenzylphthalate
Concen: 46.35 ng
RT: 17.61 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	183698		
91	70.0	45.0	67.4#	
206	17.4	17.0	25.6	

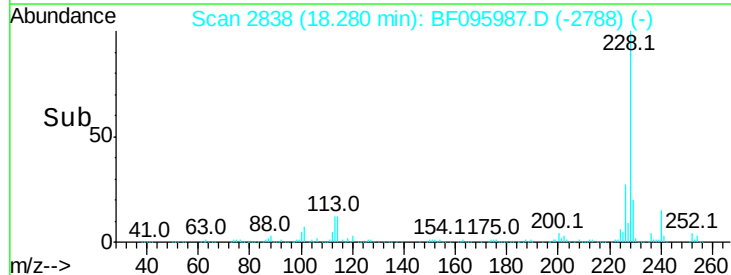
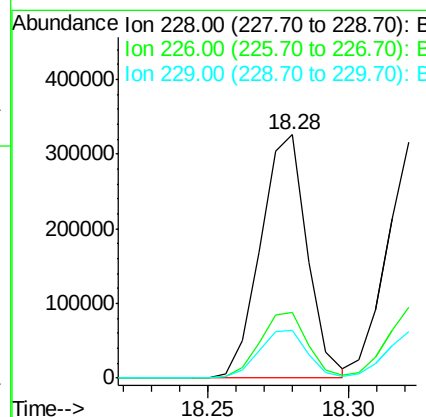
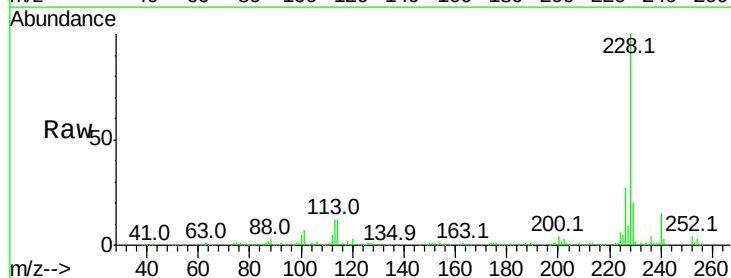
Manual Integrations
APPROVED

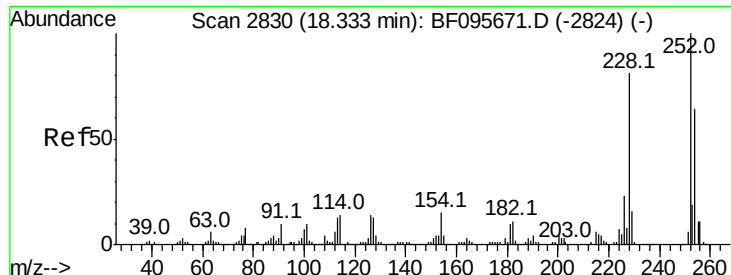
mohammad
6/19/2017 3:47:55 PM



#80
Benzo(a)anthracene
Concen: 52.84 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	373629		
226	27.0	22.6	33.8	
229	19.7	16.3	24.5	





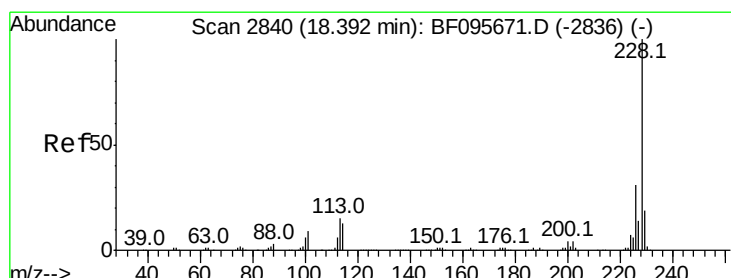
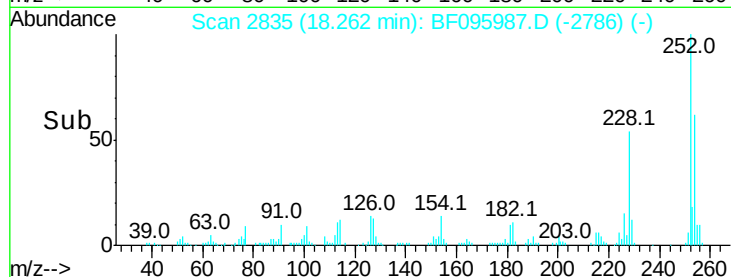
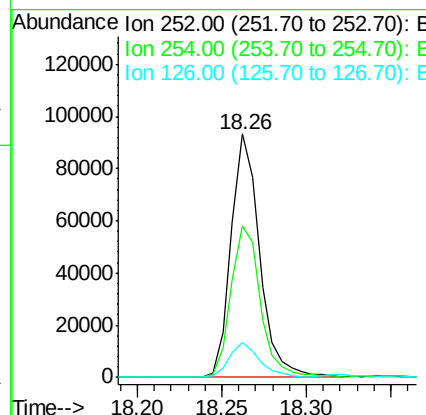
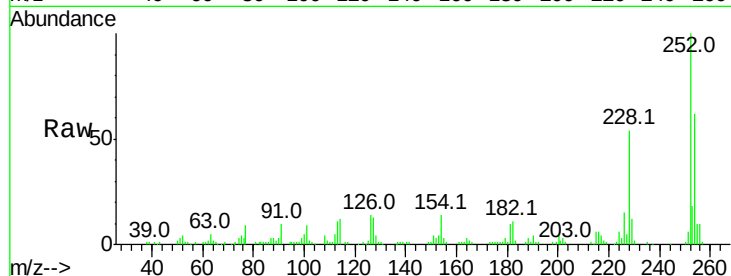
#81
 3,3'-Dichlorobenzidine
 Concen: 43.77 ng
 RT: 18.26 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.0	51.5	77.3
126	14.3	15.8	23.8

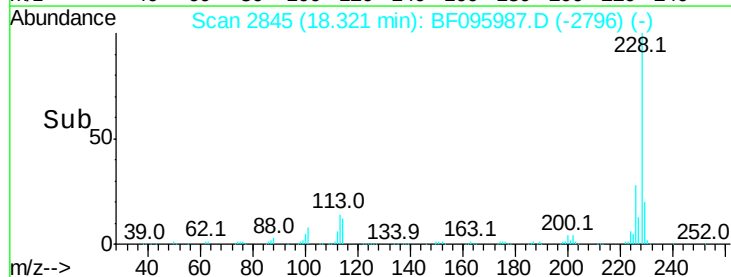
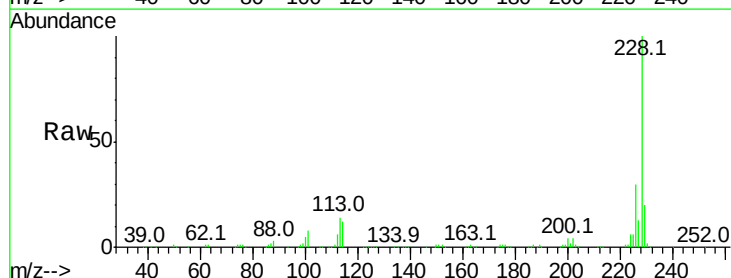
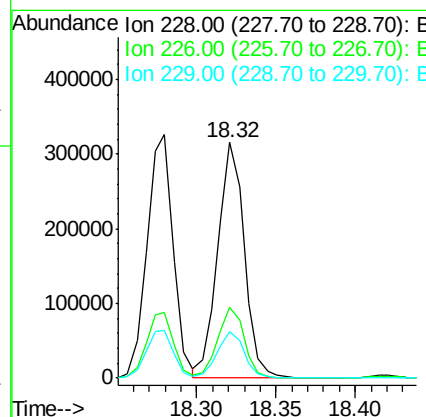
Manual Integrations
 APPROVED

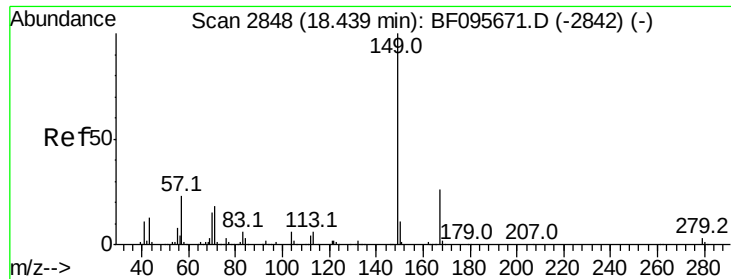
mohammad
 6/19/2017 3:47:55 PM



#82
 Chrysene
 Concen: 51.97 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.8	15.8	23.6





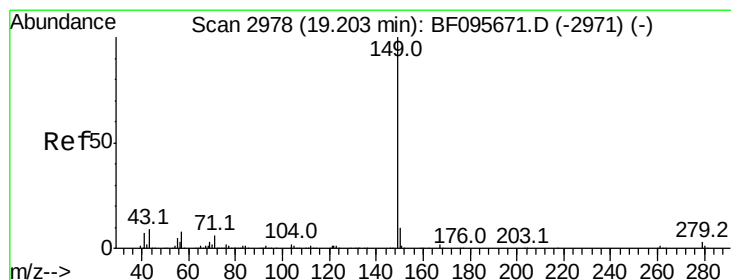
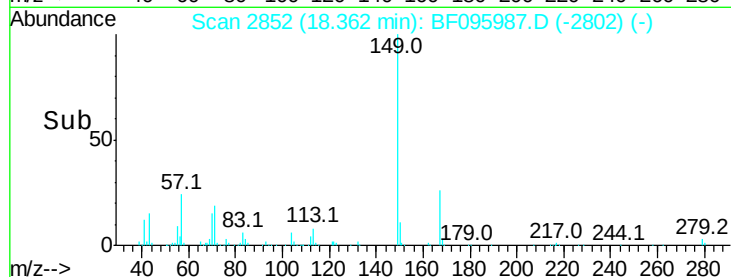
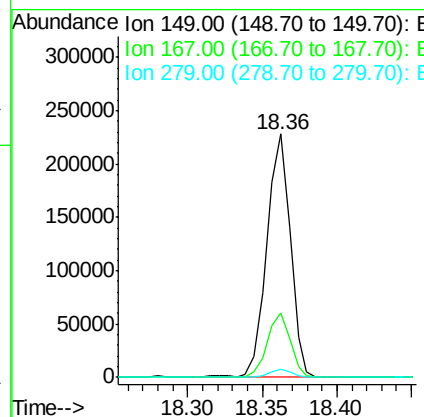
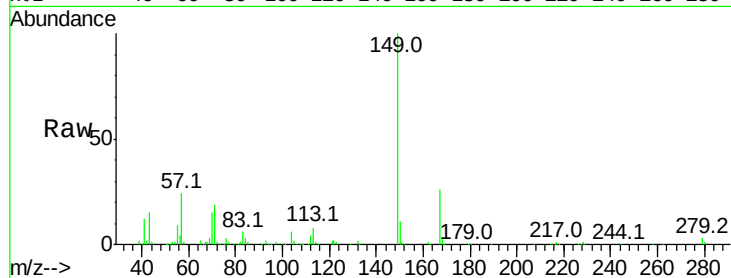
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.46 ng
 RT: 18.36 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.5	21.0	31.4
279	3.2	1.9	2.9#

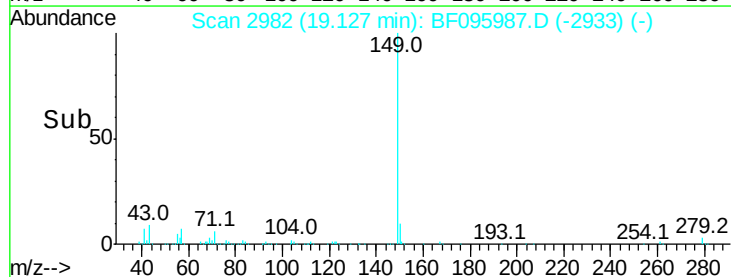
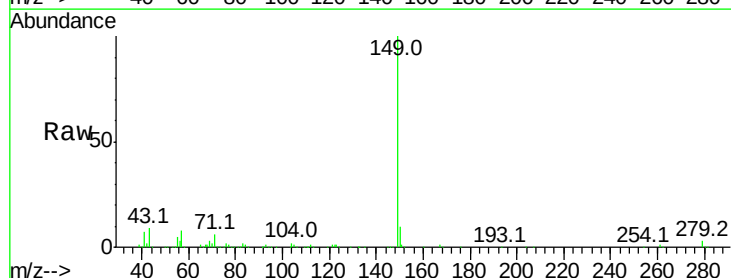
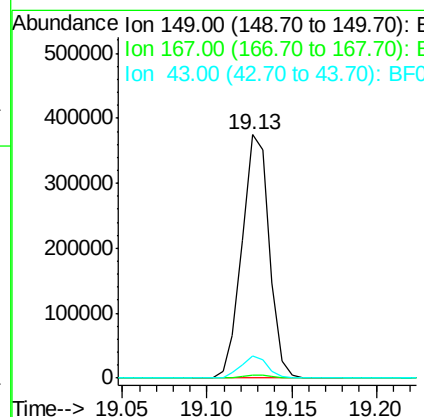
Manual Integrations
 APPROVED

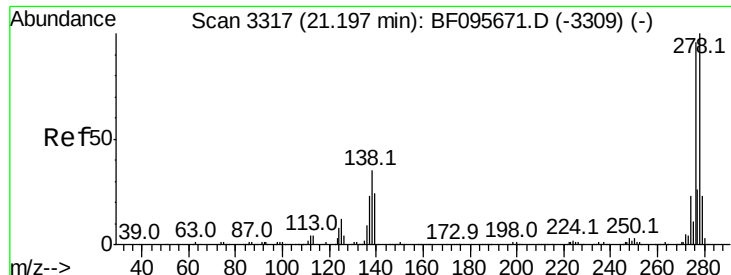
mohammad
 6/19/2017 3:47:55 PM



#84
 Di-n-octyl phthalate
 Concen: 45.72 ng
 RT: 19.13 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

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





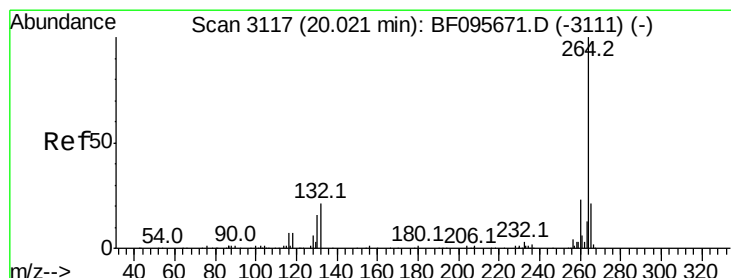
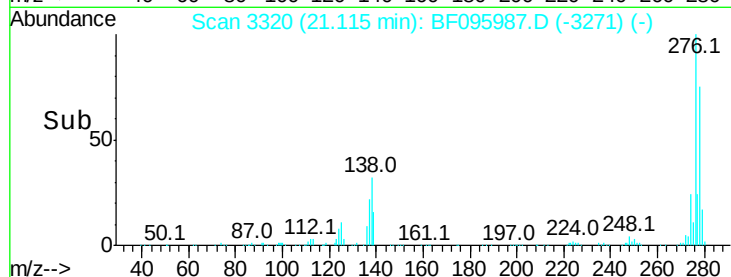
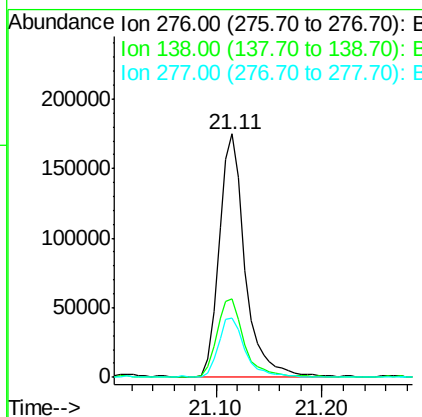
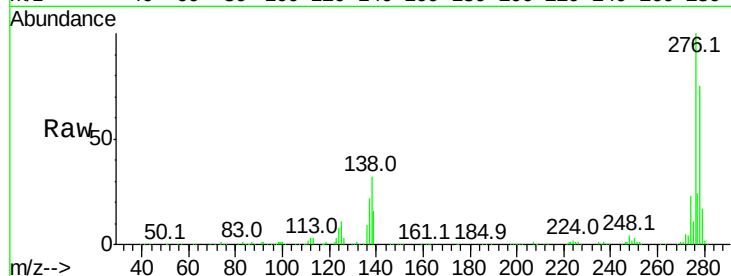
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.92 ng
 RT: 21.11 min Scan# 3320
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	295803		
138	33.4		27.8	41.6
277	25.8		20.2	30.4

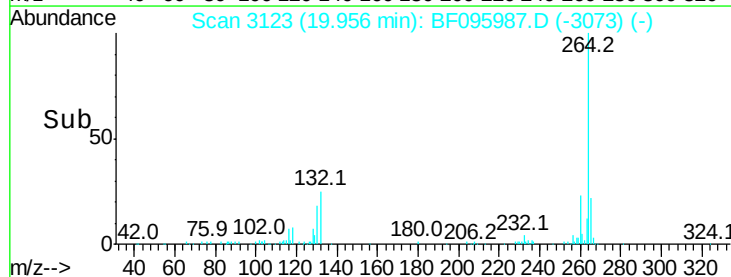
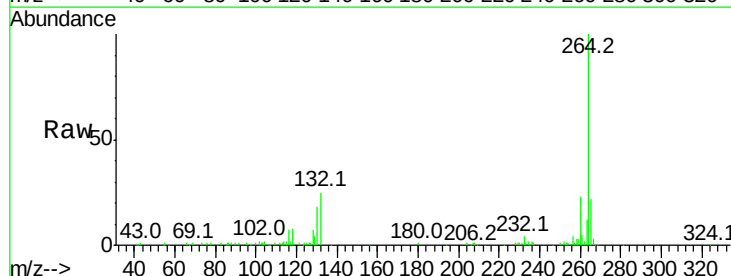
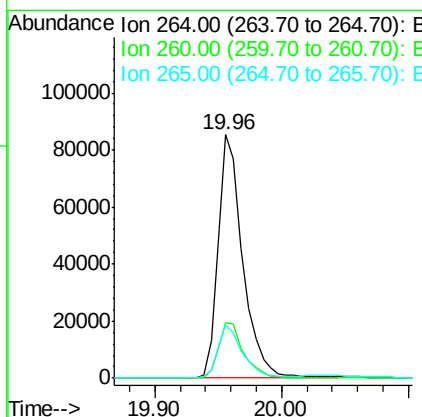
Manual Integrations
 APPROVED

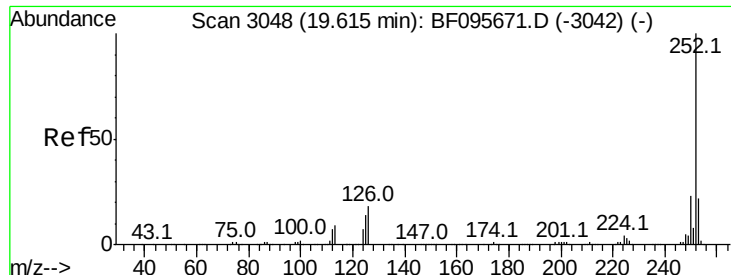
mohammad
 6/19/2017 3:47:55 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	116278		
260	22.8		19.5	29.3
265	21.7		17.2	25.8





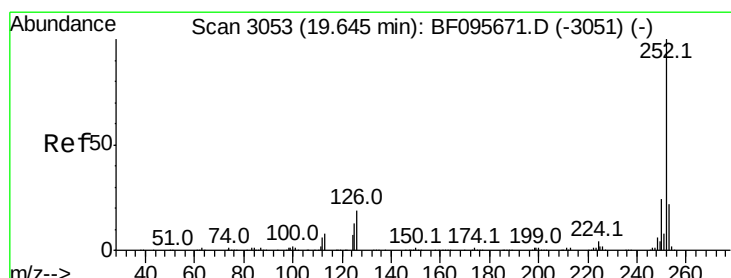
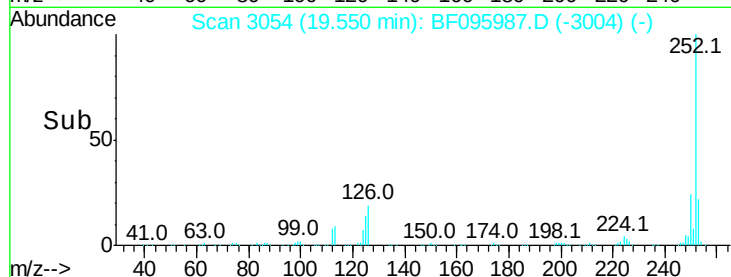
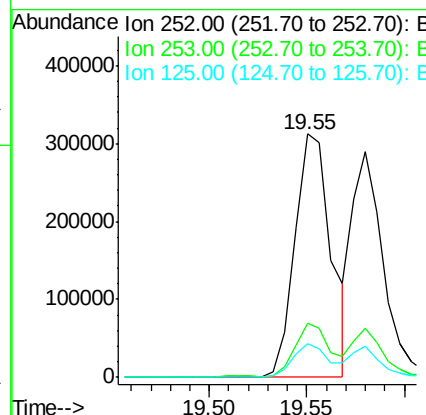
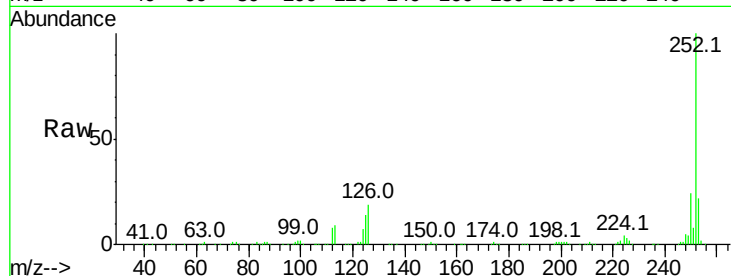
#87
Benzo(b)fluoranthene
Concen: 55.34 ng
RT: 19.55 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	14.0	9.8	14.8

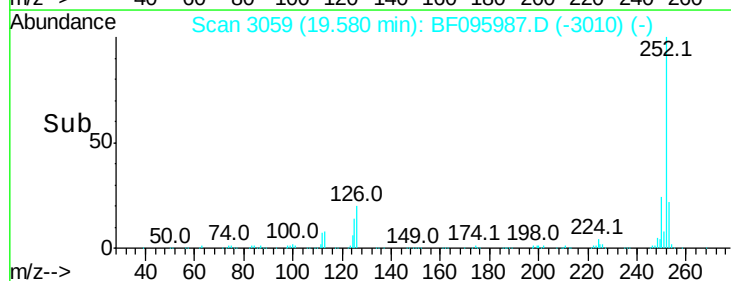
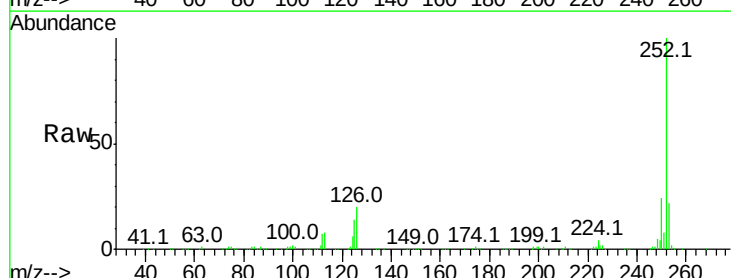
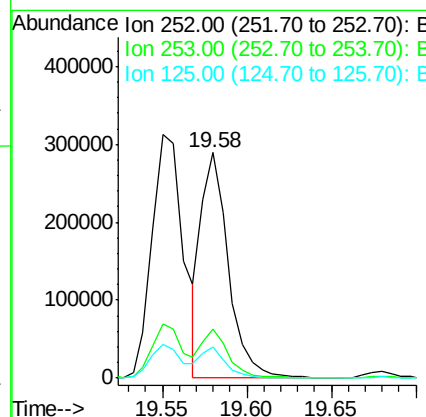
Manual Integrations
APPROVED

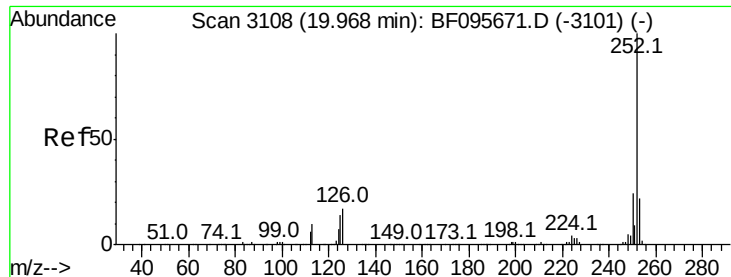
mohammad
6/19/2017 3:47:55 PM



#88
Benzo(k)fluoranthene
Concen: 46.39 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	13.8	13.1	19.7





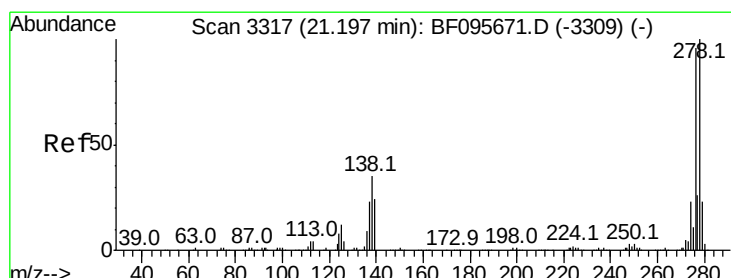
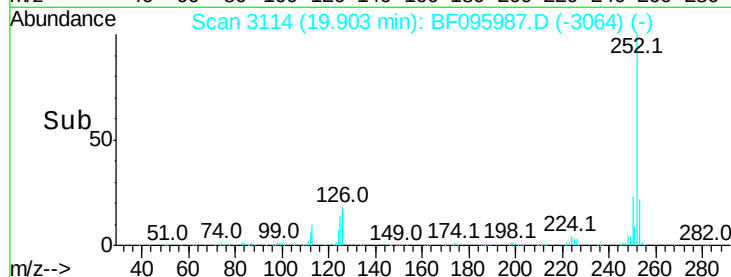
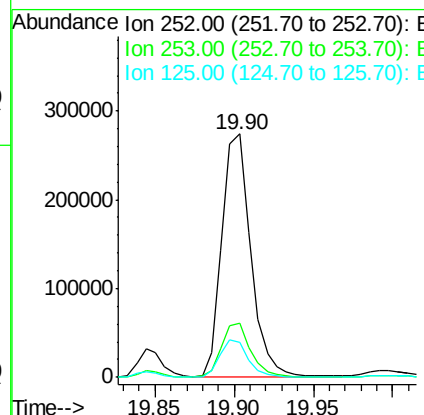
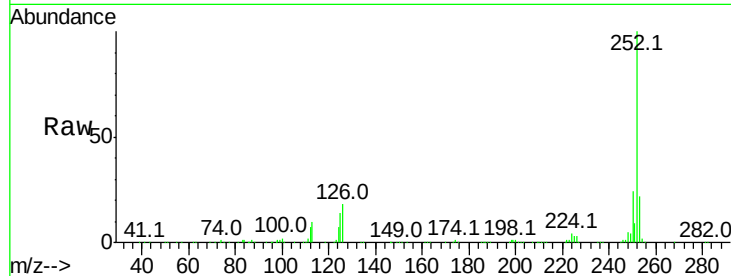
#89
Benzo(a)pyrene
Concen: 52.21 ng
RT: 19.90 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.1	11.0	16.4

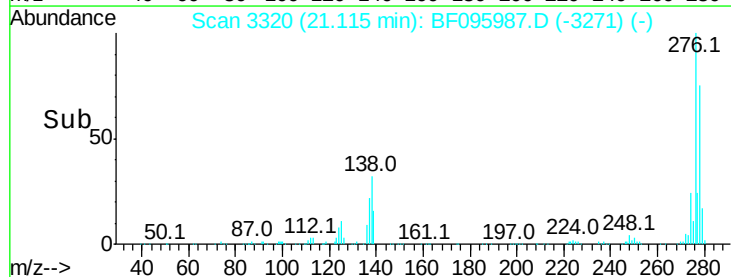
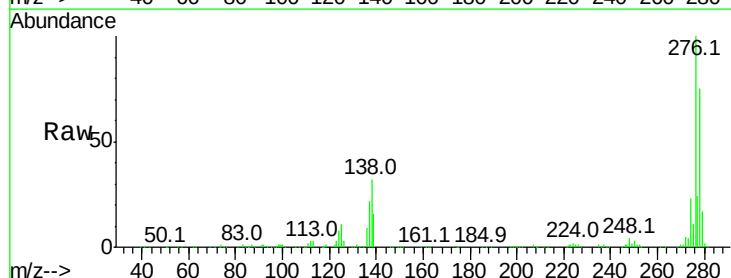
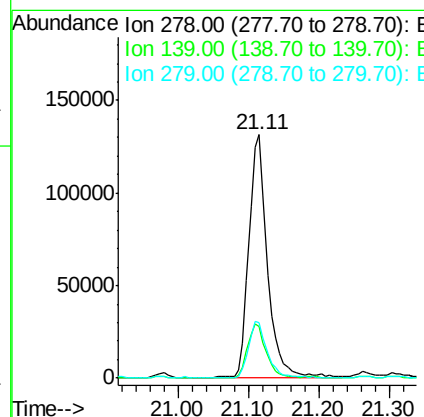
Manual Integrations
APPROVED

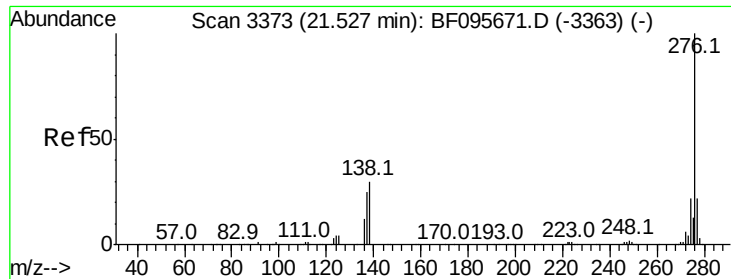
mohammad
6/19/2017 3:47:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.95 ng
RT: 21.11 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BF095987.D
Acq: 17 Jun 2017 9:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	16.6	24.8
279	22.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 42.07 ng
 RT: 21.44 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BF095987.D
 Acq: 17 Jun 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MS

Tot Ion:	276	Resp:	243442
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.6	28.0
138	30.3	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 6/19/2017 3:47:55 PM

