

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009437.D
 Acq On : 29 Mar 2017 17:59
 Operator : SJ/MA
 Sample : I2435-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

Manual Integrations
 APPROVED

mohammad
 3/31/2017 8:21:43 AM

Quant Time: Mar 30 01:18:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	114314	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	454891	20.00	ng	-0.01
38) Acenaphthene-d10	14.49	164	266497	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	597212	20.00	ng	0.00
75) Chrysene-d12	21.42	240	744543	20.00	ng	0.00
86) Perylene-d12	23.74	264	609246	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	961270	140.17	ng	0.00
7) Phenol-d6	7.01	99	1235365	132.09	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1074399	88.56	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	526354	158.99	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1996199	90.26	ng	-0.01
78) Terphenyl-d14	19.86	244	3026408	84.94	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	132778	38.50	ng	# 100
3) Pyridine	3.77	79	309491	31.76	ng	# 85
4) n-Nitrosodimethylamine	3.68	42	238708	46.01	ng	# 65
6) Aniline	7.19	93	75333	5.93	ng	# 93
8) 2-Chlorophenol	7.42	128	349619	50.28	ng	# 80
9) Benzaldehyde	7.00	77	76555	10.40	ng	# 72
10) Phenol	7.04	94	440381	43.46	ng	# 91
11) bis(2-Chloroethyl)ether	7.28	93	378396	45.56	ng	# 80
12) 1,3-Dichlorobenzene	7.74	146	376497	45.22	ng	# 85
13) 1,4-Dichlorobenzene	7.89	146	386128	44.89	ng	# 93
14) 1,2-Dichlorobenzene	8.20	146	367778	44.03	ng	# 92
15) Benzyl Alcohol	8.09	79	332769	40.70	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.38	45	651086	45.10	ng	# 96
17) 2-Methylphenol	8.29	107	311136	46.92	ng	# 87
18) Hexachloroethane	8.93	117	161137	45.79	ng	# 89
19) n-Nitroso-di-n-propylamine	8.66	70	361754	47.98	ng	# 89
20) 3+4-Methylphenols	8.62	107	410264	45.51	ng	# 92
22) Acetophenone	8.68	105	598935	46.68	ng	# 90
24) Nitrobenzene	9.06	77	551025	46.36	ng	# 90
25) Isophorone	9.58	82	904504	48.87	ng	# 88
26) 2-Nitrophenol	9.77	139	179407	50.05	ng	# 46
27) 2,4-Dimethylphenol	9.82	122	326877	49.84	ng	# 79
28) bis(2-Chloroethoxy)methane	10.06	93	526873	45.98	ng	# 99
29) 2,4-Dichlorophenol	10.29	162	339250	49.48	ng	# 95
30) 1,2,4-Trichlorobenzene	10.51	180	397667	46.75	ng	# 97
31) Naphthalene	10.70	128	1172383	48.56	ng	# 99
32) Benzoic acid	9.94	122	172682	38.72	ng	# 71
33) 4-Chloroaniline	10.82	127	25203	2.71	ng	# 82
34) Hexachlorobutadiene	10.97	225	255230	43.82	ng	# 98
35) Caprolactam	11.60	113	78583m	37.54	ng	#
36) 4-Chloro-3-methylphenol	11.93	107	380345	49.04	ng	# 80
37) 2-Methylnaphthalene	12.31	142	827332	49.64	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	461525	45.87	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	566660	98.13	ng	# 99

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009437.D
 Acq On : 29 Mar 2017 17:59
 Operator : SJ/MA
 Sample : I2435-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

Manual Integrations
 APPROVED

mohammad
 3/31/2017 8:21:43 AM

Quant Time: Mar 30 01:18:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	291992	50.76	nq	98
43) 2,4,5-Trichlorophenol	12.99	196	302089	47.06	nq #	86
45) 1,1'-Biphenyl	13.33	154	1054554	47.55	nq	96
46) 2-Chloronaphthalene	13.37	162	828734	48.11	nq	96
47) 2-Nitroaniline	13.58	65	300145	47.29	nq #	70
48) Acenaphthylene	14.22	152	1310487	46.70	nq	100
49) Dimethylphthalate	13.95	163	1029014	50.29	nq #	99
50) 2,6-Dinitrotoluene	14.07	165	217792	49.39	nq #	62
51) Acenaphthene	14.56	154	795603	47.00	nq	99
52) 3-Nitroaniline	14.41	138	24438	5.63	nq #	52
53) 2,4-Dinitrophenol	14.62	184	249222	83.55	nq	89
54) Dibenzofuran	14.89	168	1298648	51.87	nq	96
55) 4-Nitrophenol	14.70	139	330047	91.92	nq #	17
56) 2,4-Dinitrotoluene	14.86	165	309689	51.91	nq	100
57) Fluorene	15.54	166	1066214	47.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	285350	52.56	nq #	100
59) Diethylphthalate	15.32	149	1055227	50.84	nq	99
60) 4-Chlorophenyl-phenylether	15.54	204	557561	47.45	nq	98
61) 4-Nitroaniline	15.57	138	186634	39.55	nq #	28
62) Azobenzene	15.83	77	1346821	55.58	nq	85
64) 4,6-Dinitro-2-methylphenol	15.63	198	176296	46.86	nq	88
65) n-Nitrosodiphenylamine	15.76	169	767813	42.32	nq	99
66) 4-Bromophenyl-phenylether	16.43	248	341148	49.30	nq #	91
67) Hexachlorobenzene	16.54	284	371168	48.94	nq #	90
68) Atrazine	16.70	200	181468	26.60	nq	98
69) Pentachlorophenol	16.89	266	445634	96.19	nq	98
70) Phenanthrene	17.29	178	1666949	48.81	nq	99
71) Anthracene	17.37	178	1706089	49.34	nq	99
72) Carbazole	17.65	167	1154401	34.86	nq	98
73) Di-n-butylphthalate	18.20	149	1768533	52.29	nq #	98
74) Fluoranthene	19.30	202	1963320	48.54	nq	98
76) Benzidine	19.49	184	65009	2.93	nq	96
77) Pyrene	19.66	202	2018462	47.80	nq	99
79) Butylbenzylphthalate	20.55	149	790396	51.98	nq #	77
80) Benzo(a)anthracene	21.40	228	2127350	48.92	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	131899	8.10	nq #	98
82) Chrysene	21.46	228	1925395	46.37	nq	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1166404	51.40	nq	99
84) Di-n-octyl phthalate	22.22	149	1993962	52.80	nq #	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2362302	52.17	nq #	100
87) Benzo(b)fluoranthene	23.04	252	2165681	56.08	nq #	95
88) Benzo(k)fluoranthene	23.09	252	2061787	55.51	nq #	98
89) Benzo(a)pyrene	23.64	252	1971786	55.14	nq	100
90) Dibenzo(a,h)anthracene	26.12	278	2071701	59.13	nq #	93
91) Benzo(g,h,i)perylene	26.84	276	1939483	56.79	nq #	93

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

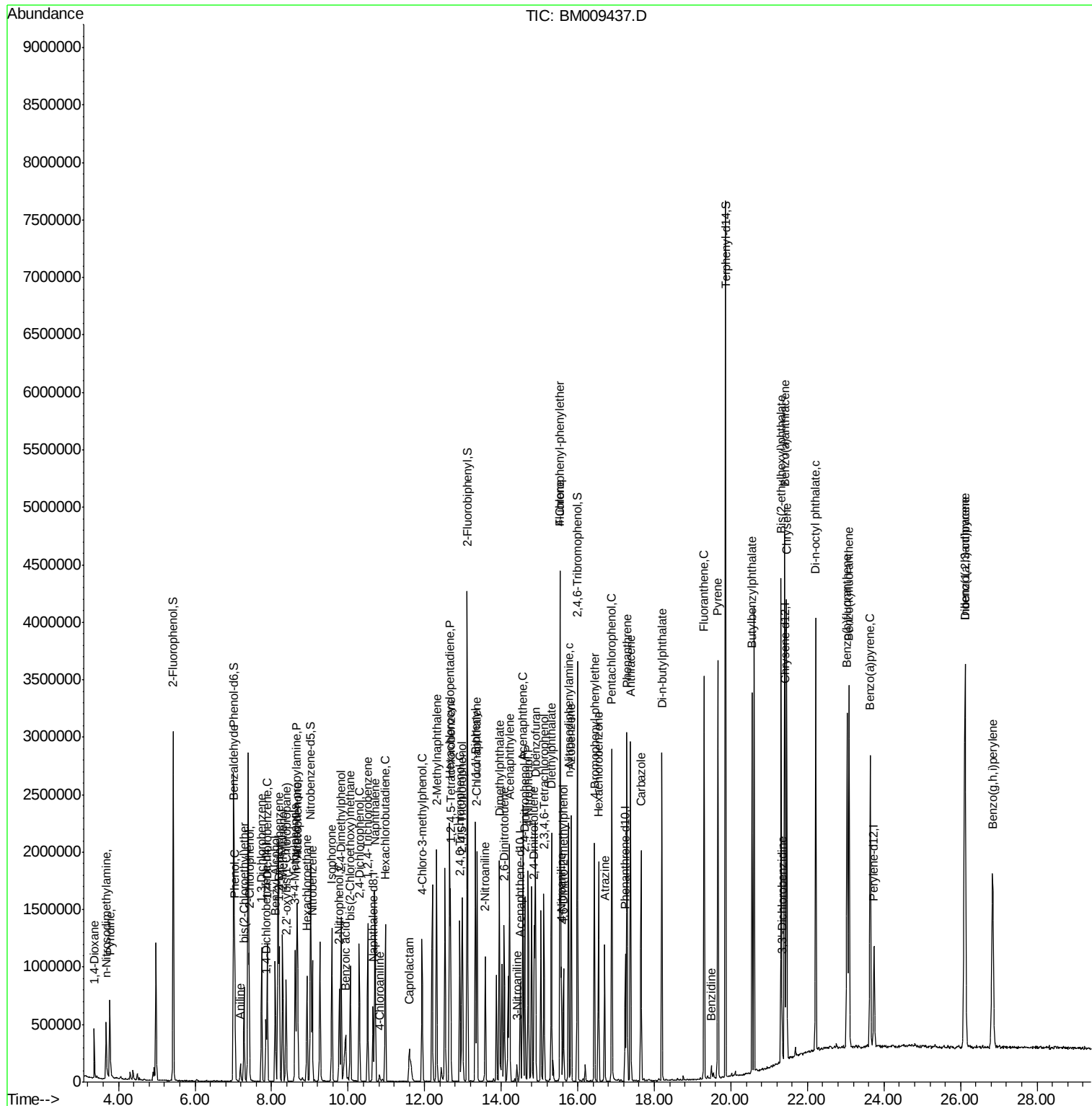
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
Data File : BM009437.D
Acq On : 29 Mar 2017 17:59
Operator : SJ/MA
Sample : I2435-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

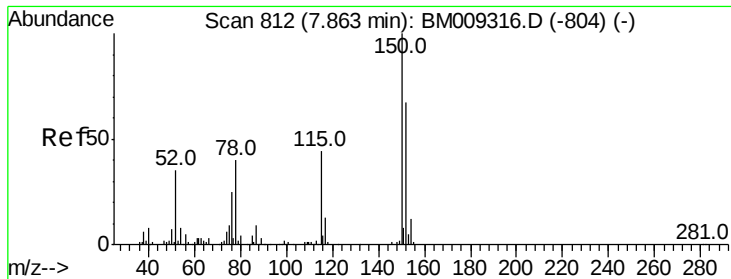
Instrument :
BNA_M
ClientSampled :
HSP-01MS

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM

Quant Time: Mar 30 01:18:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration





#1

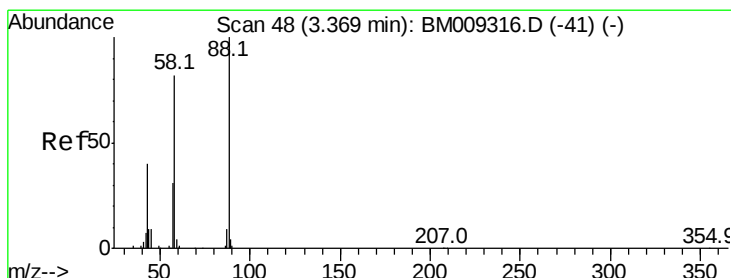
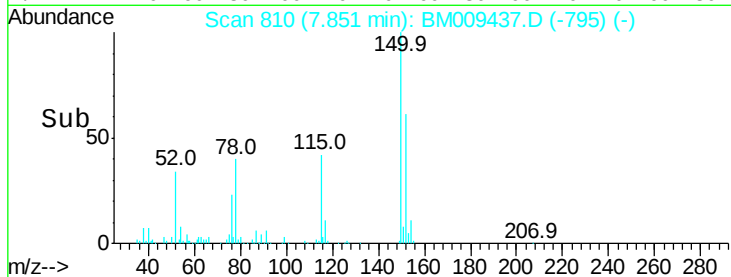
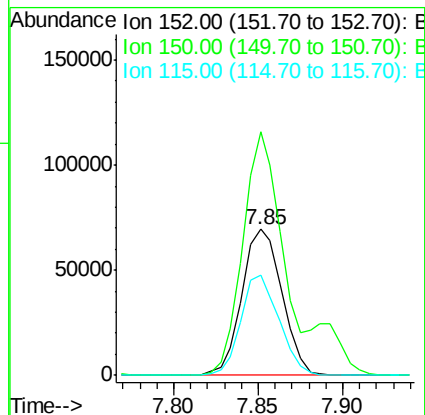
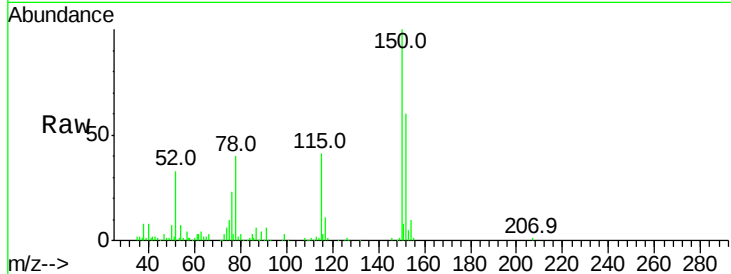
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.5	119.5	179.3
115	68.1	43.0	64.4

Manual Integrations
APPROVED

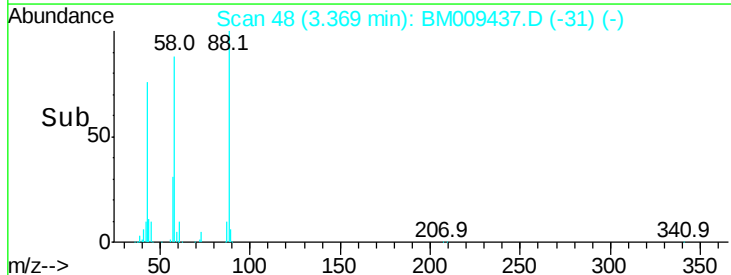
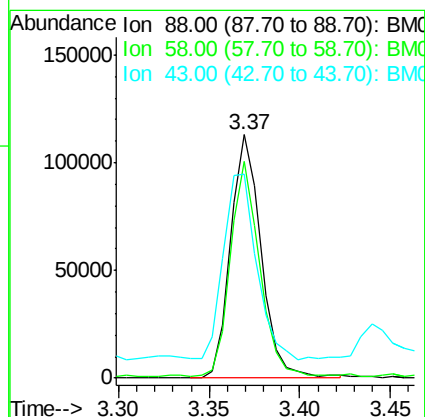
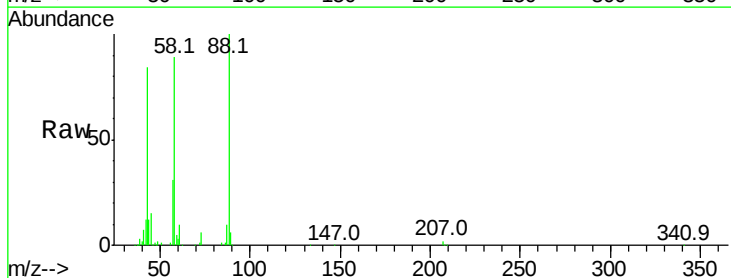
mohammad
3/31/2017 8:21:43 AM

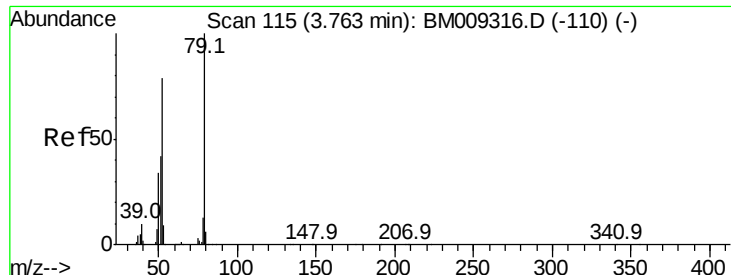


#2

1,4-Dioxane
Concen: 38.50 ng
RT: 3.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	0.0	0.0
43	82.4	0.0	0.0





#3

Pvridine

Concen: 31.76 ng

RT: 3.77 min Scan# 116

Delta R.T. 0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

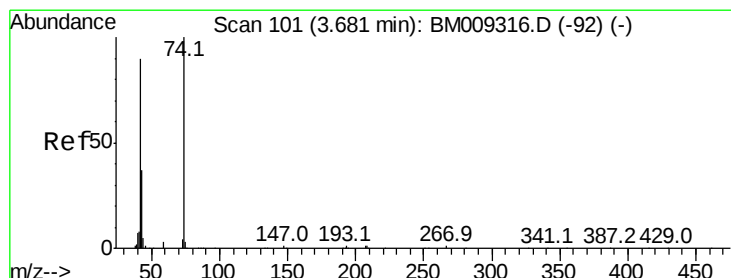
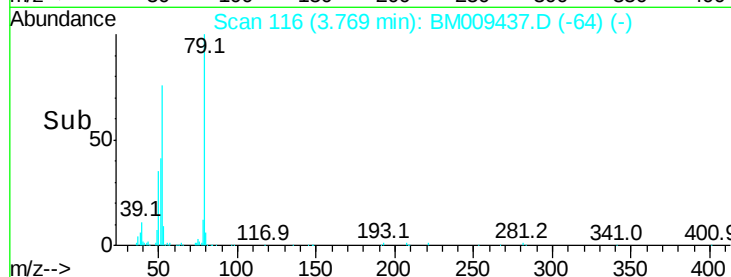
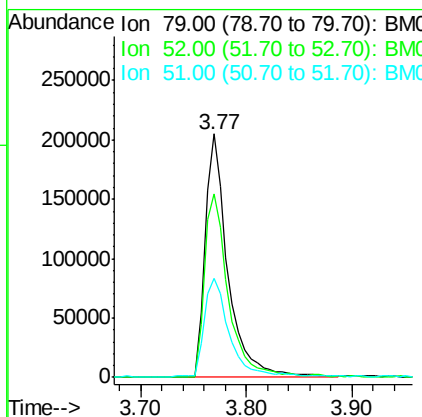
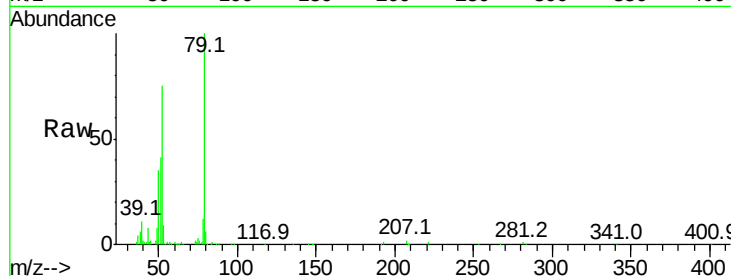
ClientSampleId :

HSP-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	75.5	51.1	76.7		
51	40.7	26.1	39.1#		

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#4

n-Nitrosodimethylamine

Concen: 46.01 ng

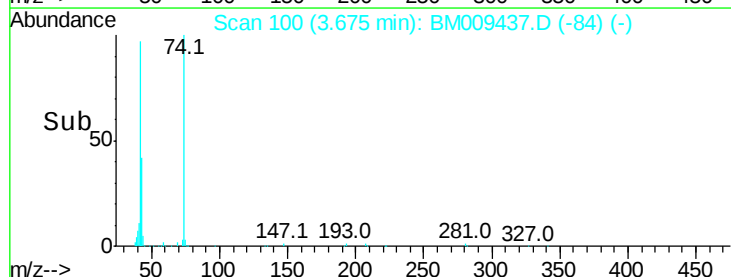
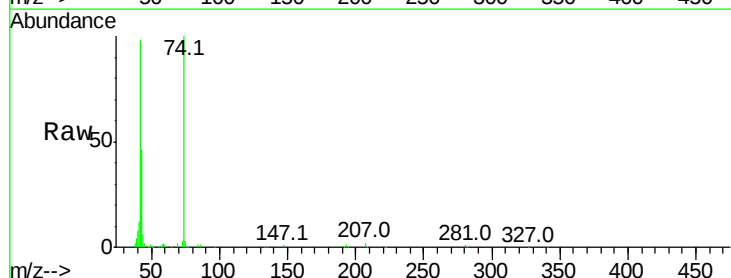
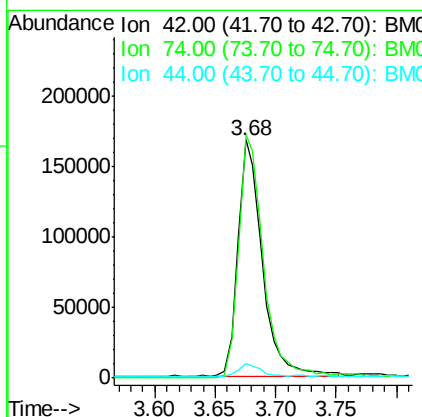
RT: 3.68 min Scan# 100

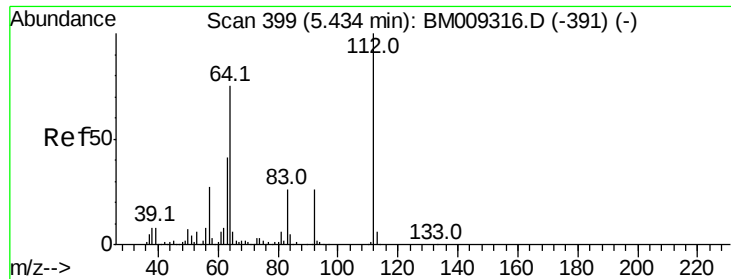
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	102.4	119.3	178.9#		
44	6.1	5.4	8.2		





#5

2-Fluorophenol

Concen: 140.17 ng

RT: 5.43 min Scan# 398

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

Tot Ion: 112 Resp: 961270

Ion Ratio Lower Upper

112 100

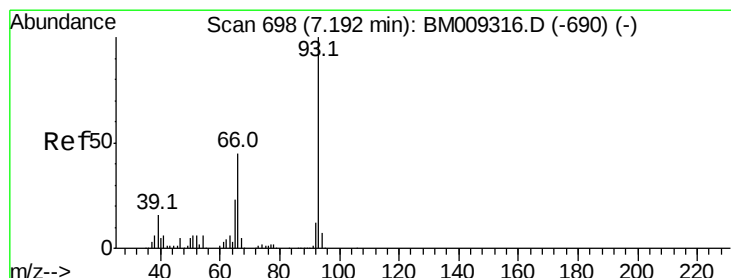
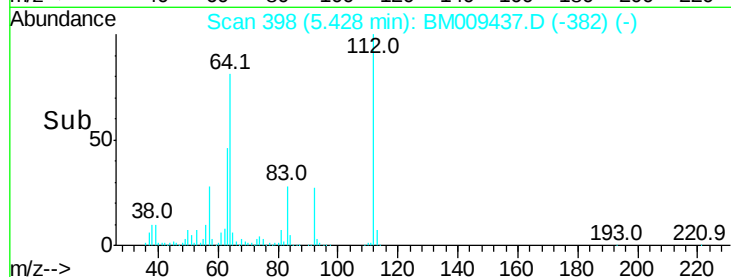
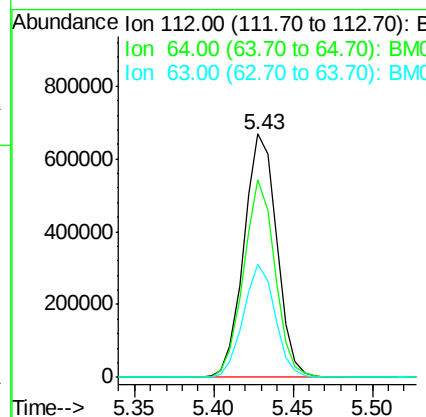
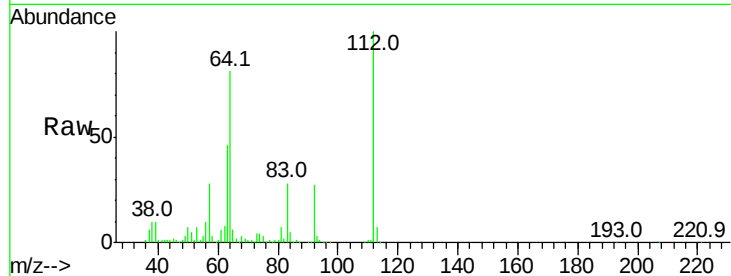
64 80.9 38.6 57.8#

63 46.5 19.3 28.9#

Manual Integrations
APPROVED

mohammad

3/31/2017 8:21:43 AM



#6

Aniline

Concen: 5.93 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

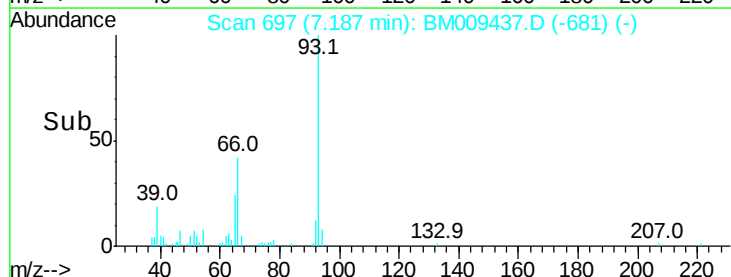
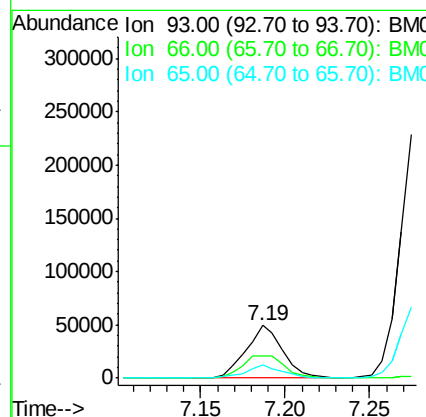
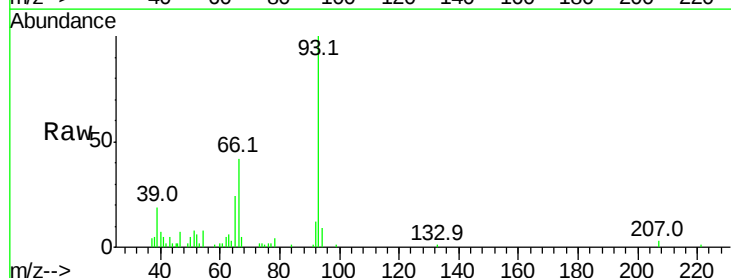
Tgt Ion: 93 Resp: 75333

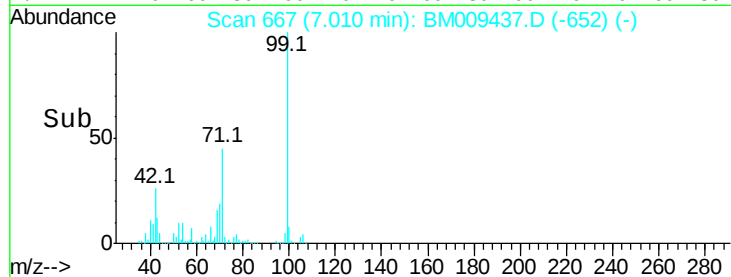
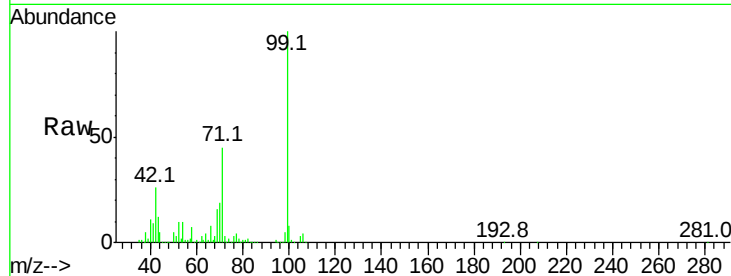
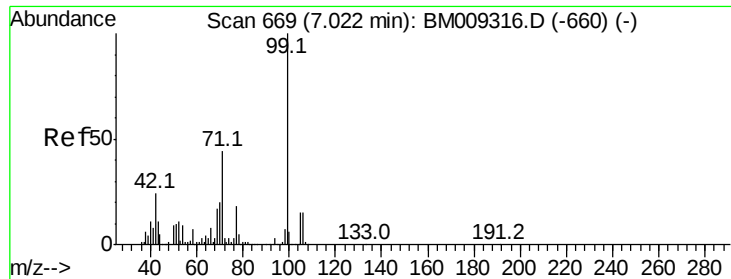
Ion Ratio Lower Upper

93 100

66 42.4 30.8 46.2

65 23.9 16.0 24.0





#7

Phenol-d6

Concen: 132.09 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tot Ion	99	Resp	1235365
Ion	Ratio	Lower	Upper
99	100		
42	26.1	11.0	16.4#
71	45.5	23.4	35.2#

Instrument :

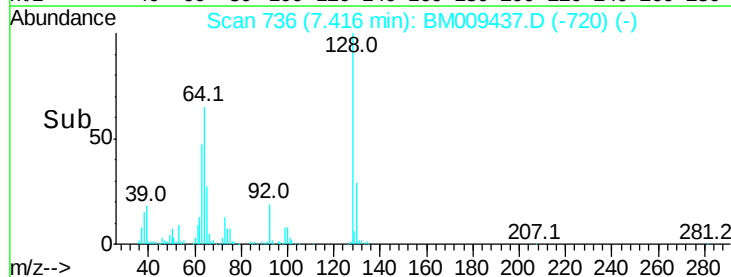
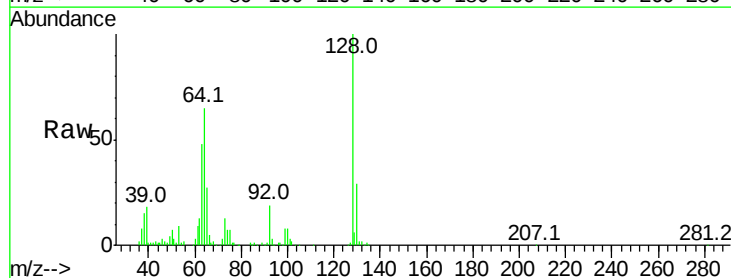
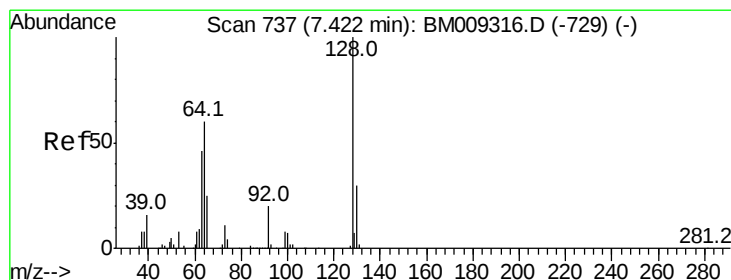
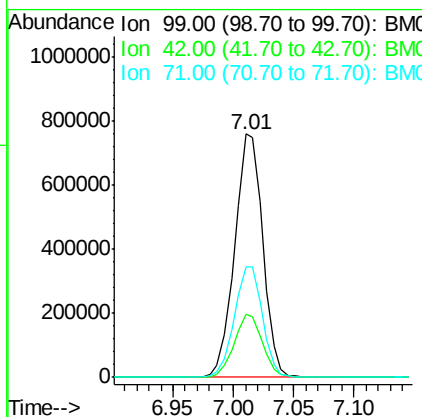
BNA_M

ClientSampleId :

HSP-01MS

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#8

2-Chlorophenol

Concen: 50.28 ng

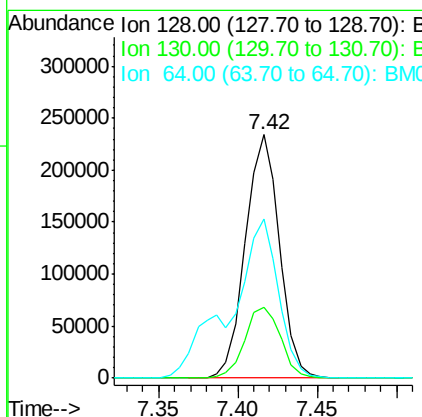
RT: 7.42 min Scan# 736

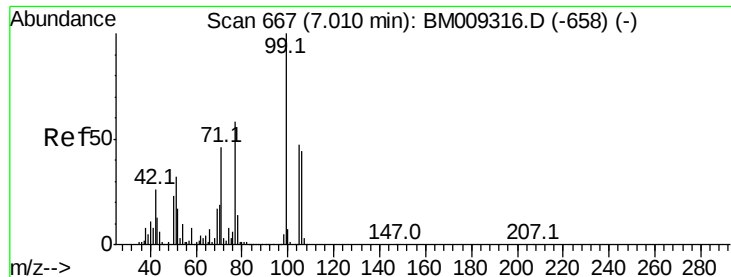
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion	128	Resp	349619
Ion	Ratio	Lower	Upper
128	100		
130	29.3	12.0	52.0
64	65.2	24.9	64.9#





#9

Benzaldehyde

Concen: 10.40 ng

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

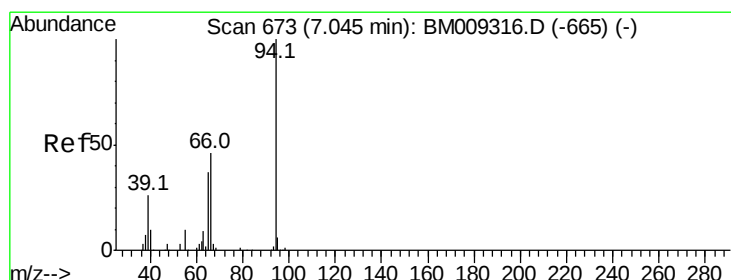
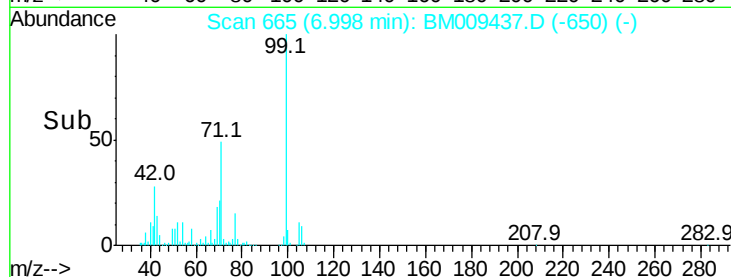
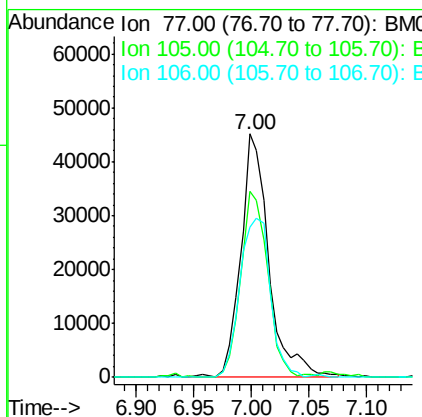
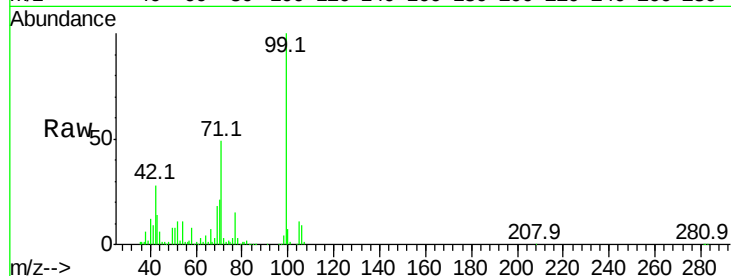
ClientSampleId :

HSP-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	76.4	78.8	118.8#
106	61.6	73.7	113.7#

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#10

Phenol

Concen: 43.46 ng

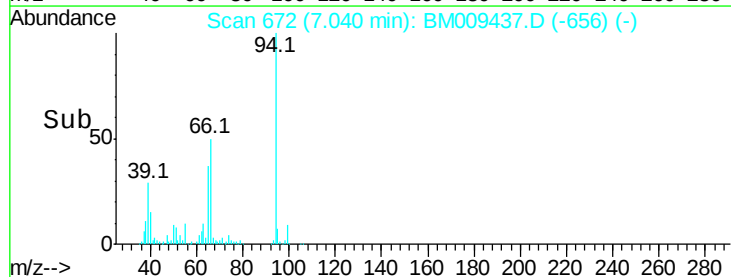
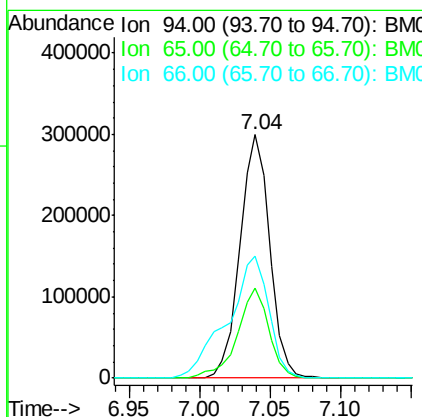
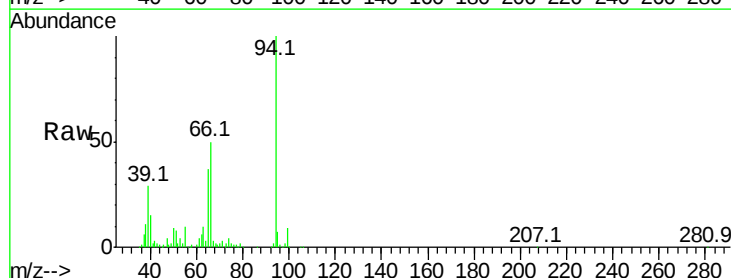
RT: 7.04 min Scan# 672

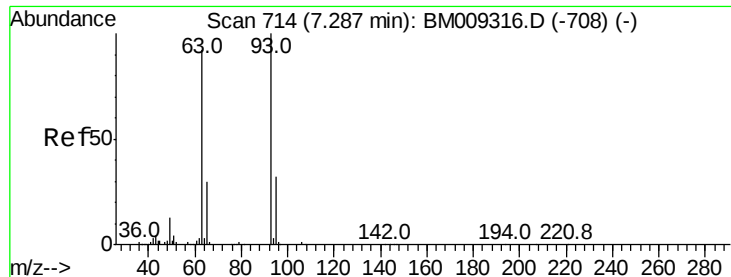
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.2	18.8	58.8
66	50.2	39.9	79.9





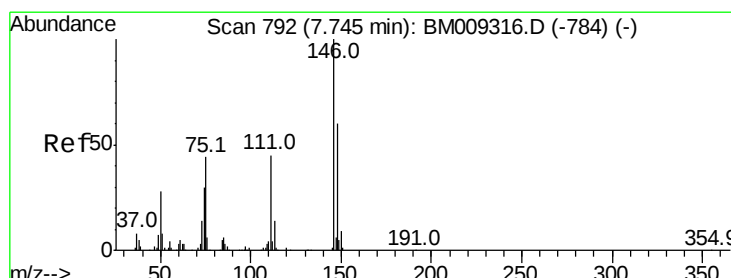
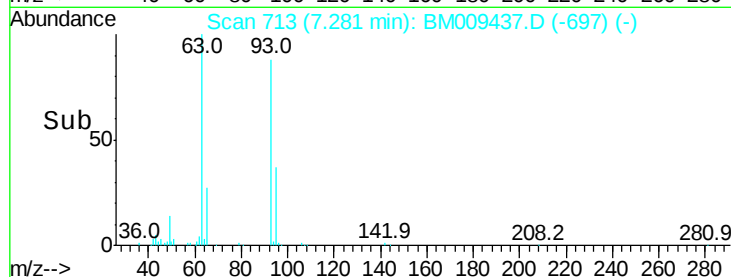
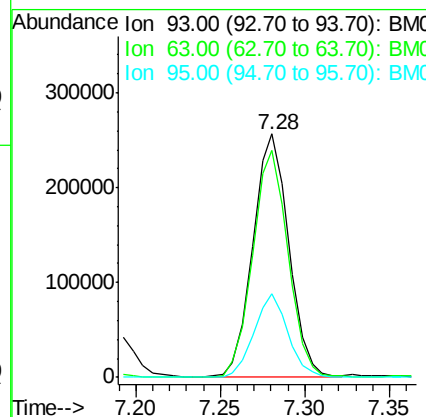
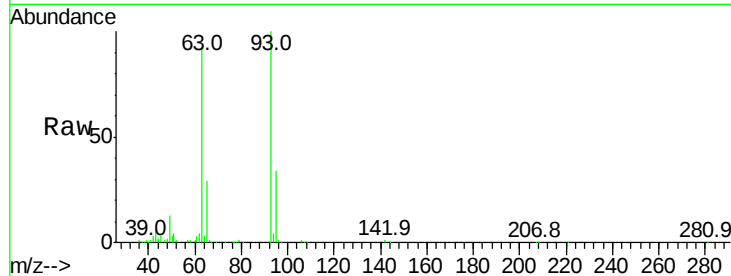
#11
bis(2-Chloroethyl)ether
Concen: 45.56 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	93.1	49.5	89.5#
95	34.2	13.5	53.5

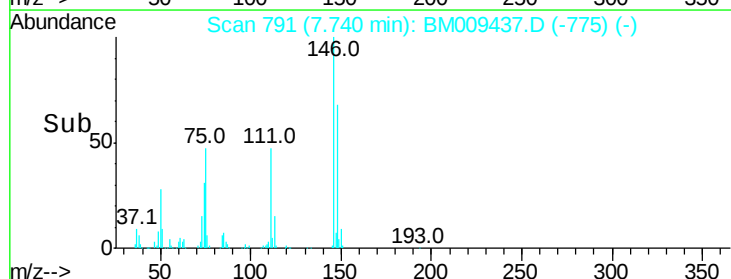
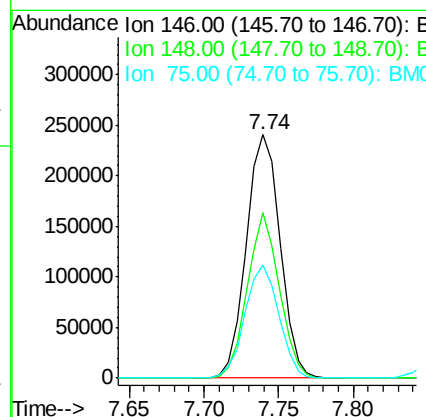
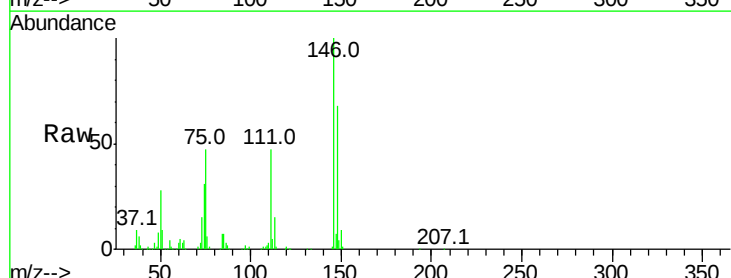
Manual Integrations
APPROVED

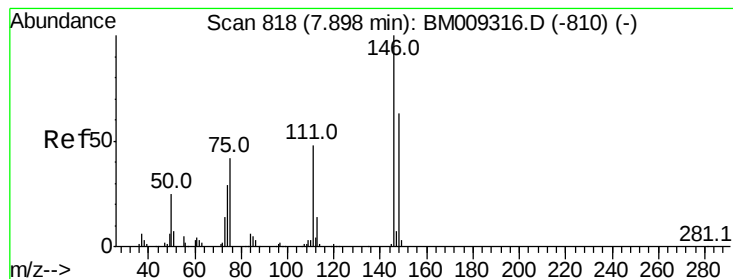
mohammad
3/31/2017 8:21:43 AM



#12
1,3-Dichlorobenzene
Concen: 45.22 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	68.0	50.9	76.3
75	46.6	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 44.89 ng

RT: 7.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

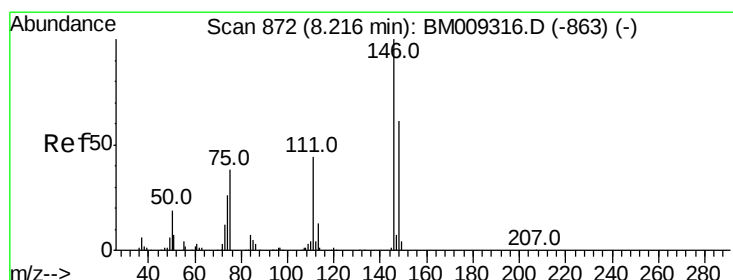
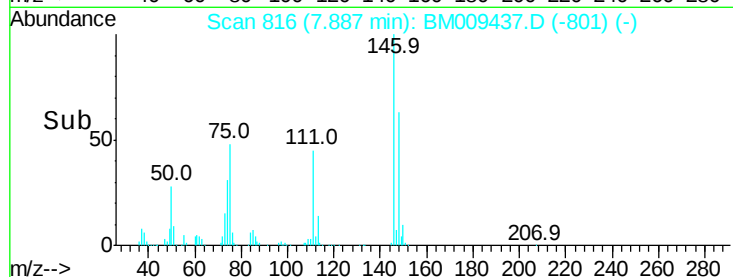
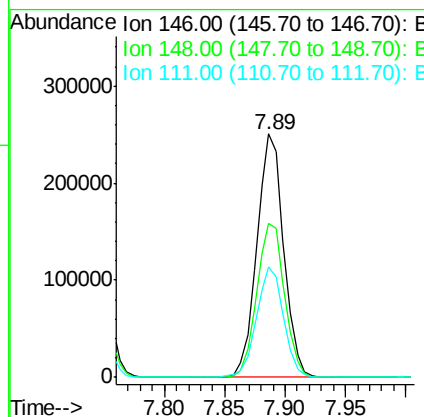
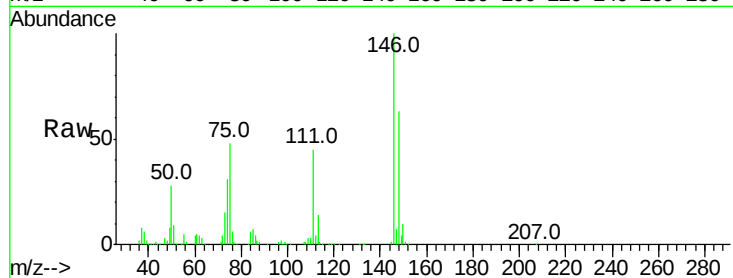
ClientSampleId :

HSP-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	45.3	29.2	43.8

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#14

1,2-Dichlorobenzene

Concen: 44.03 ng

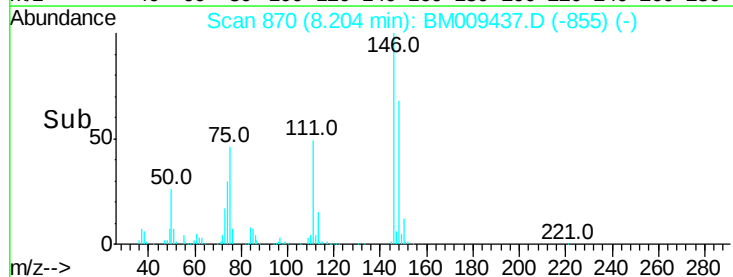
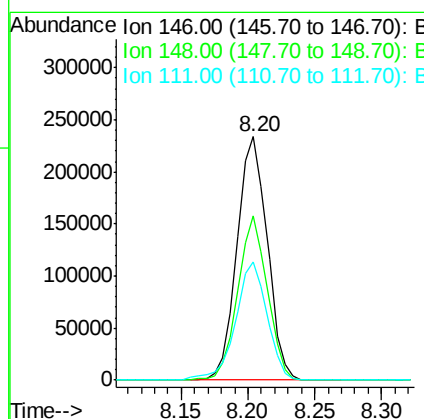
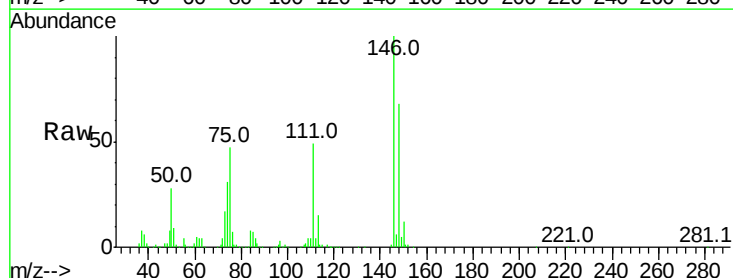
RT: 8.20 min Scan# 870

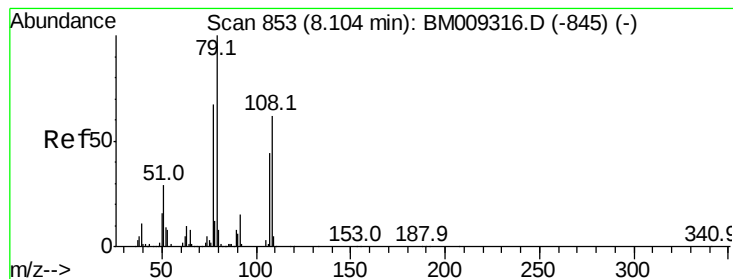
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.7	52.3	78.5
111	48.7	30.6	45.8





#15

Benzyl Alcohol

Concen: 40.70 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

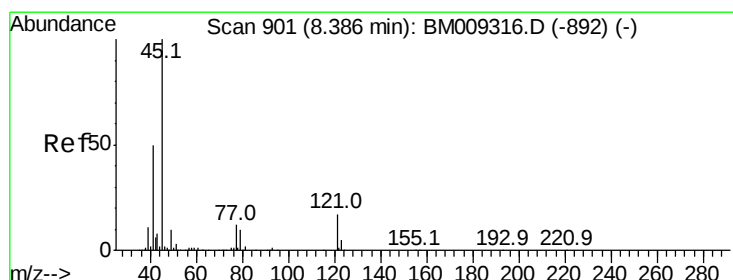
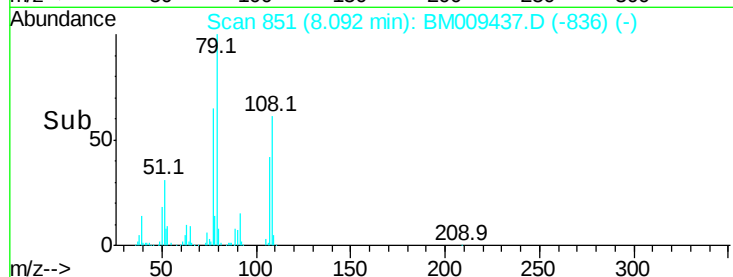
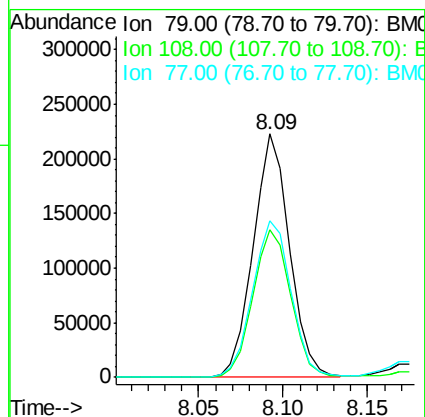
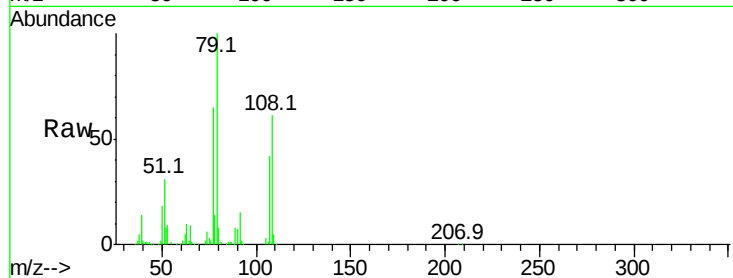
ClientSampleId :

HSP-01MS

Tot Ion:	79	Resp:	332769
Ion Ratio	Lower	Upper	
79	100		
108	60.9	65.0	97.4#
77	64.6	53.0	79.6

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.10 ng

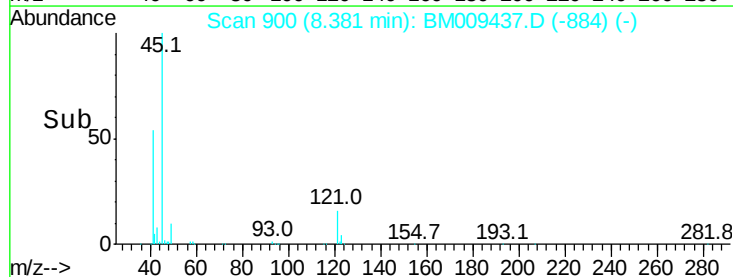
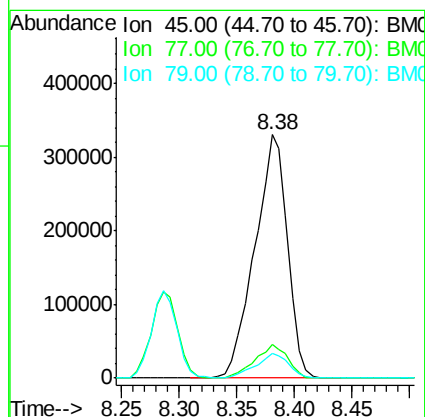
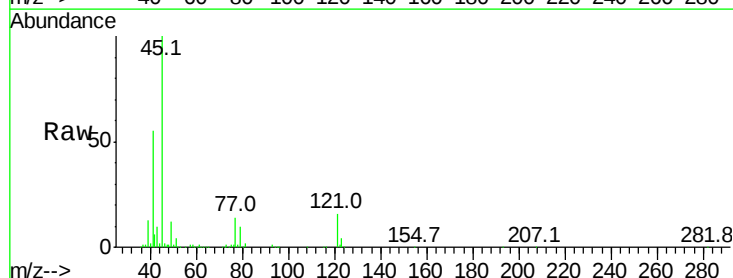
RT: 8.38 min Scan# 900

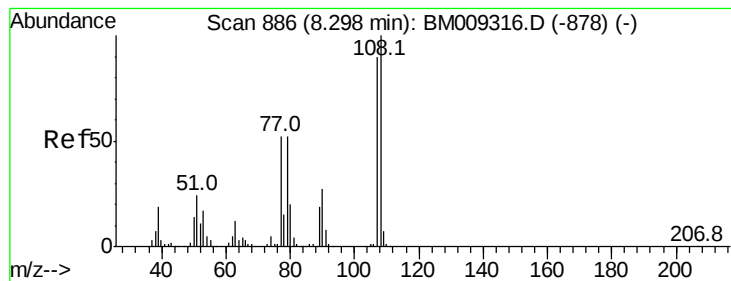
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion:	45	Resp:	651086
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	35.2
79	10.1	0.0	32.0





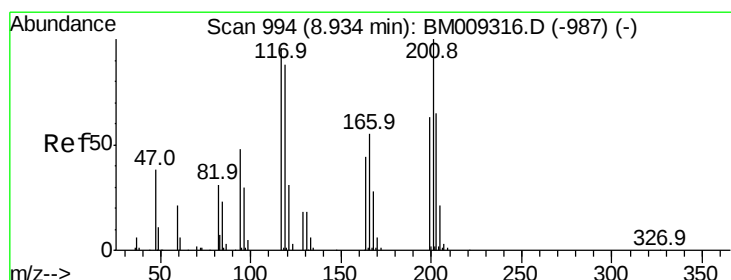
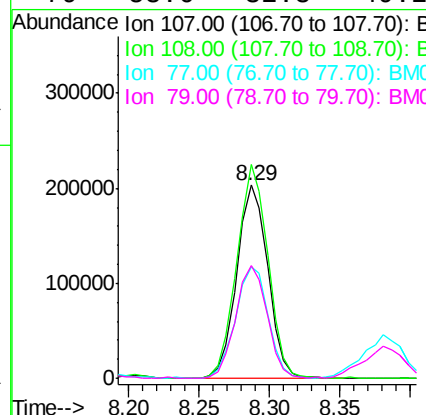
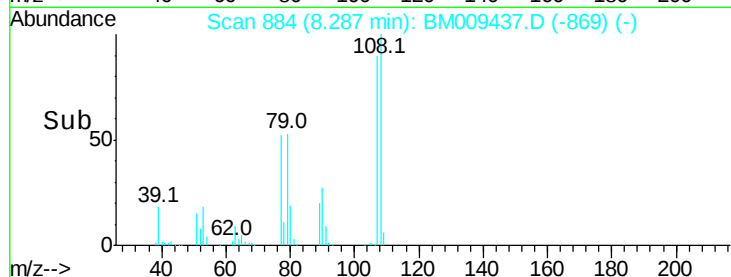
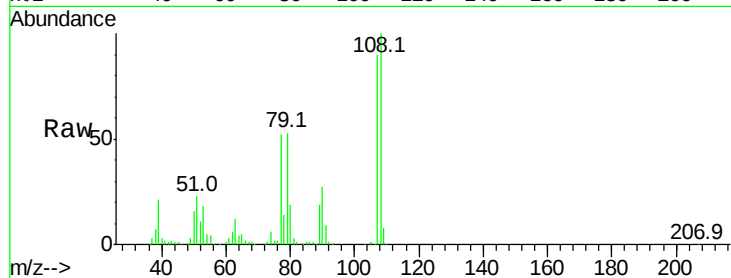
#17
2-Methylphenol
Concen: 46.92 ng
RT: 8.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	110.7	89.8	134.8
77	58.0	32.6	48.8#
79	58.6	32.8	49.2#

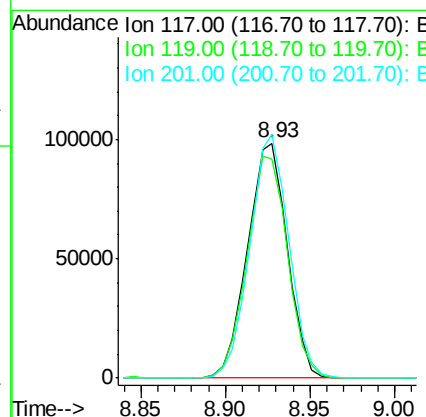
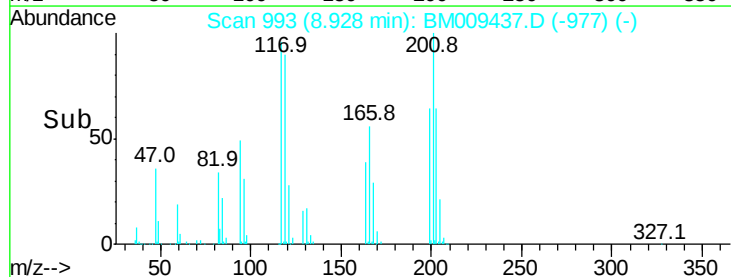
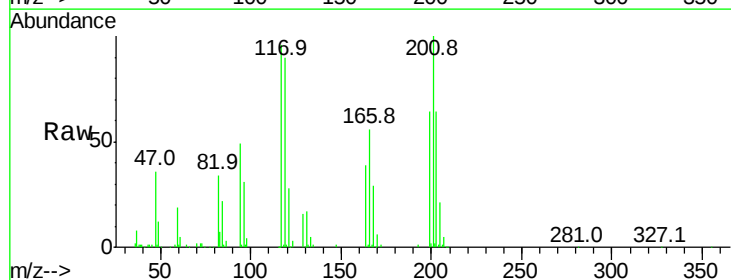
Manual Integrations
APPROVED

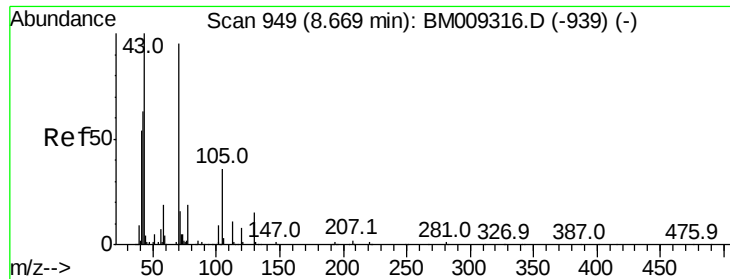
mohammad
3/31/2017 8:21:43 AM



#18
Hexachloroethane
Concen: 45.79 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	93.3	79.2	118.8
201	103.8	69.8	104.6





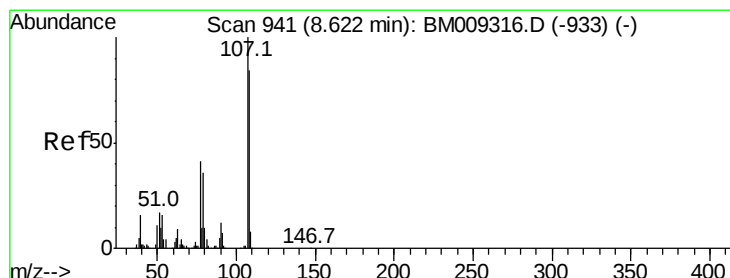
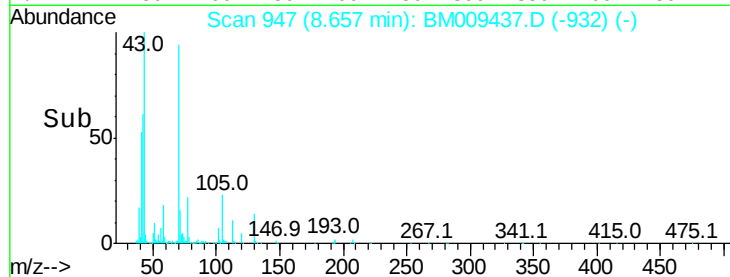
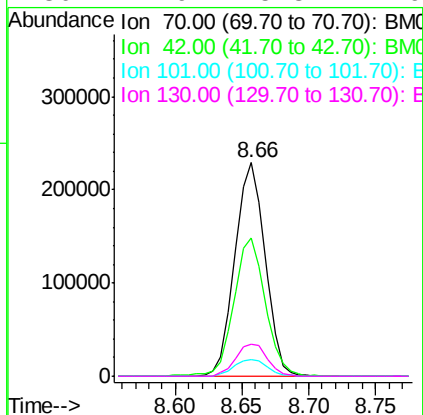
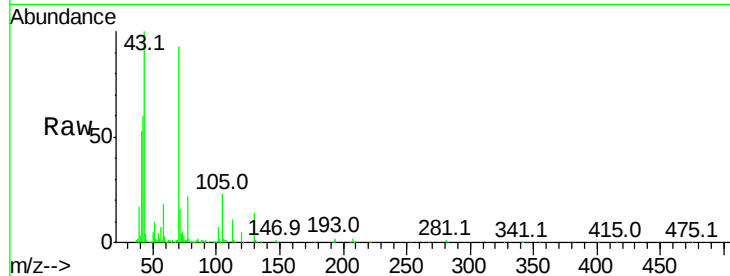
#19
n-Nitroso-di-n-propylamine
Concen: 47.98 ng
RT: 8.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.7	44.5	66.7
101	7.9	7.4	11.2
130	14.9	15.3	22.9#

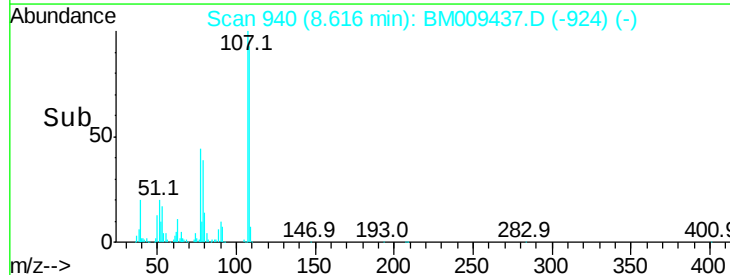
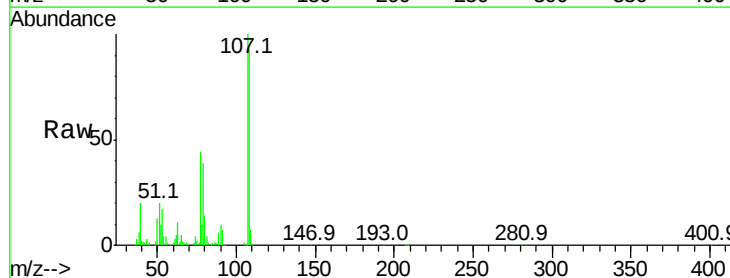
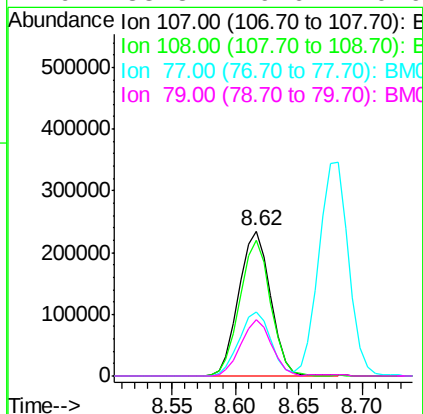
Manual Integrations
APPROVED

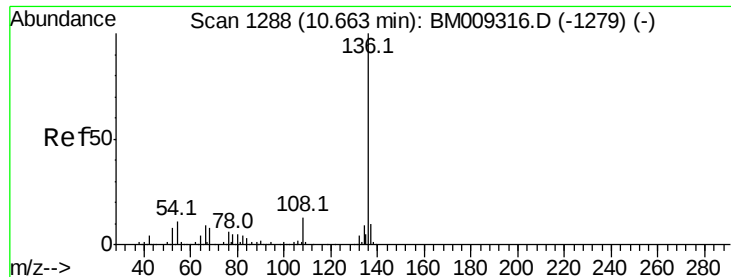
mohammad
3/31/2017 8:21:43 AM



#20
3+4-Methylphenols
Concen: 45.51 ng
RT: 8.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	73.2	113.2
77	44.0	10.7	50.7
79	38.8	9.6	49.6





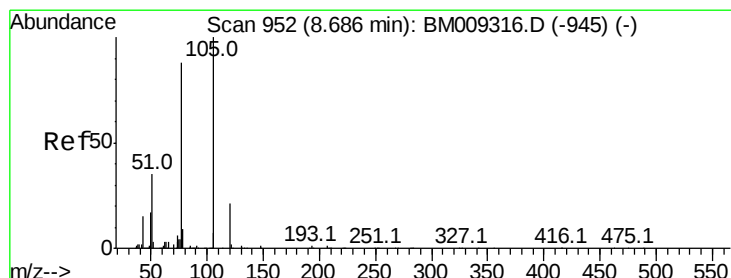
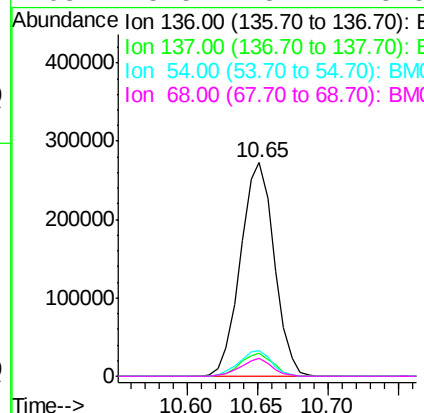
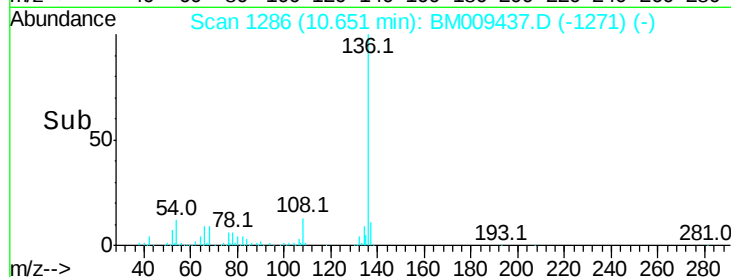
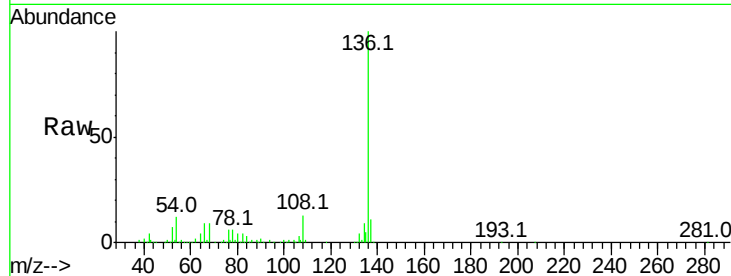
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	454891		
137	11.0	8.7	13.1	
54	12.2	4.6	6.8#	
68	8.5	3.7	5.5#	

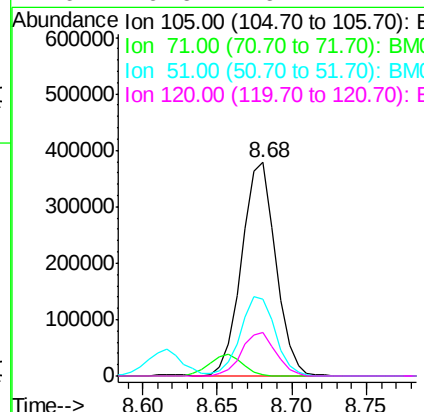
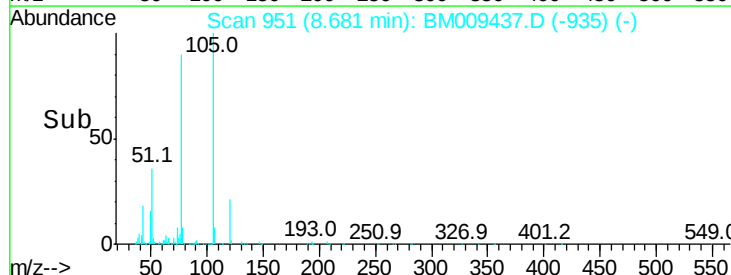
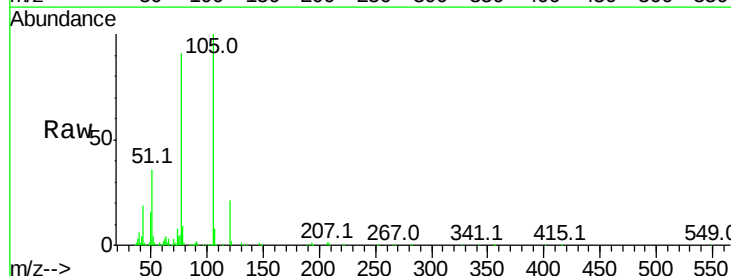
Manual Integrations
APPROVED

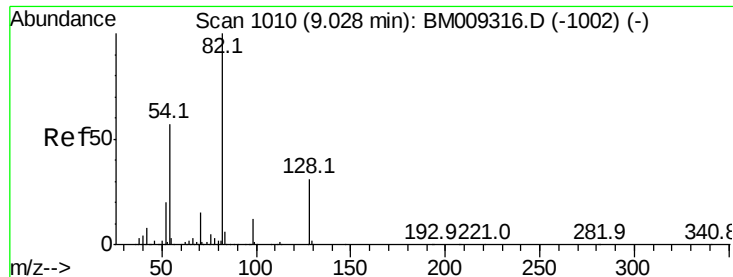
mohammad
3/31/2017 8:21:43 AM



#22
Acetophenone
Concen: 46.68 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	598935		
71	0.6	0.6	1.0#	
51	36.1	21.6	32.4#	
120	20.6	16.1	24.1	





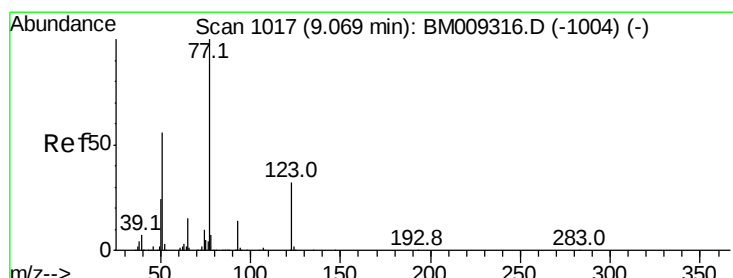
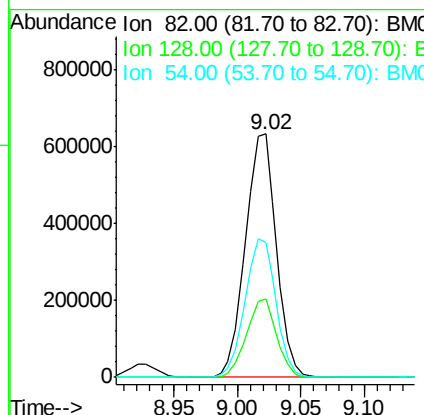
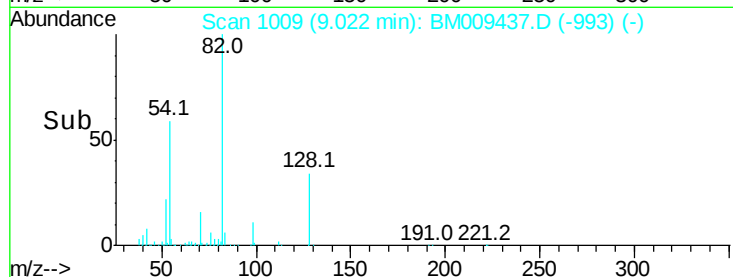
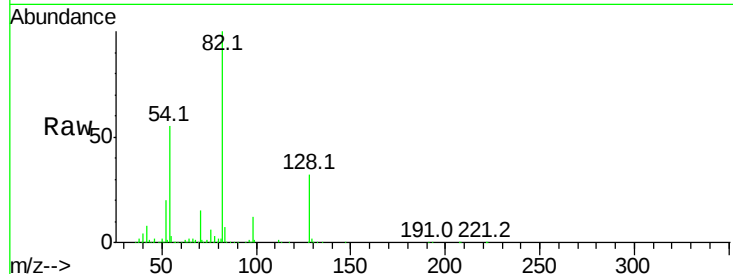
#23
Nitrobenzene-d5
Concen: 88.56 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.0	32.8	49.2#
54	55.5	40.6	60.8

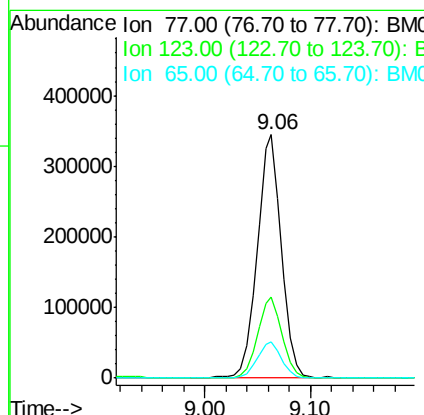
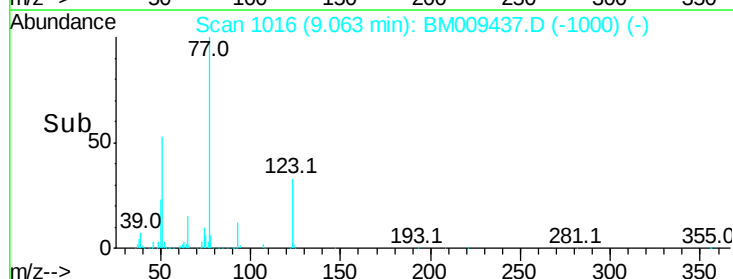
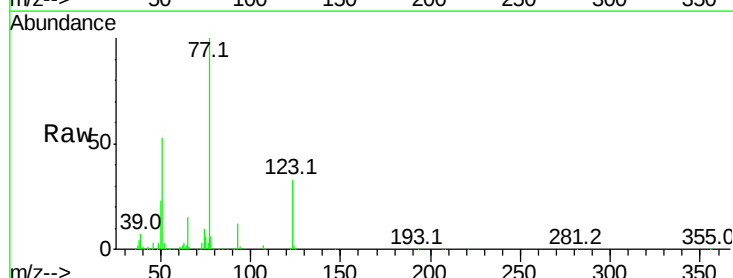
Manual Integrations
APPROVED

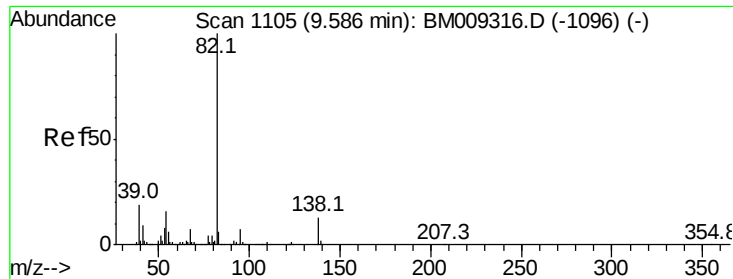
mohammad
3/31/2017 8:21:43 AM



#24
Nitrobenzene
Concen: 46.36 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.4	32.6	49.0
65	14.9	10.9	16.3





#25

Isophorone

Concen: 48.87 ng

RT: 9.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

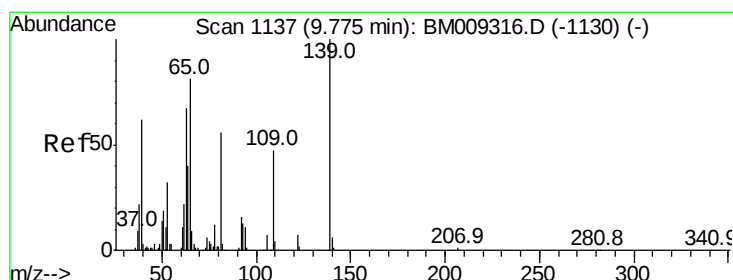
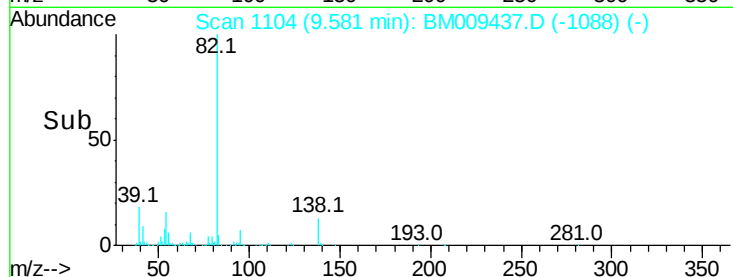
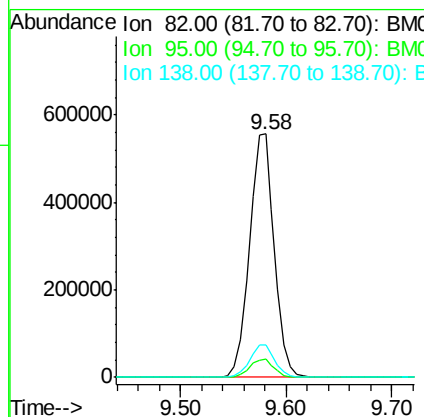
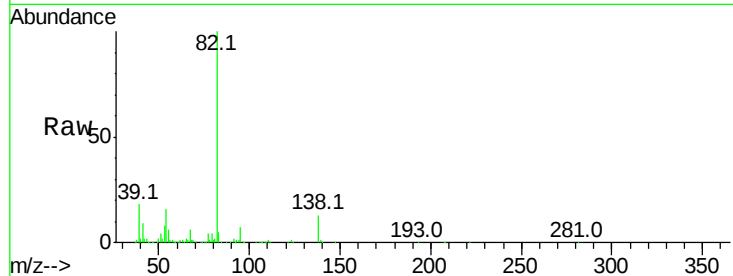
ClientSampleId :

HSP-01MS

Tot Ion	82	Resp	904504
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.8	8.6
138	13.3	16.3	24.5#

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#26

2-Nitrophenol

Concen: 50.05 ng

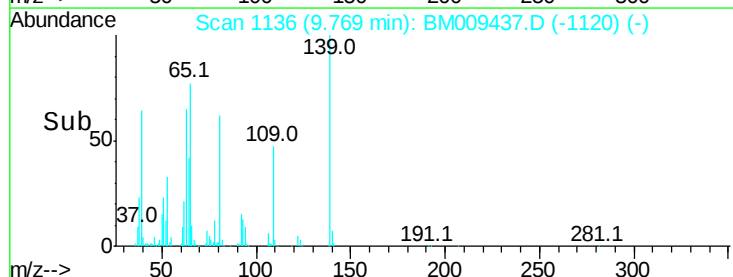
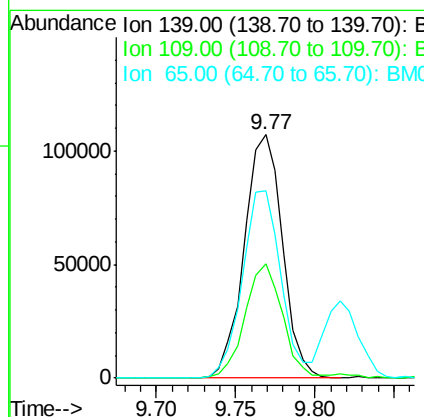
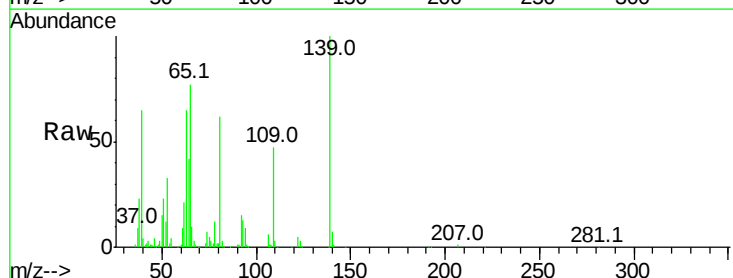
RT: 9.77 min Scan# 1136

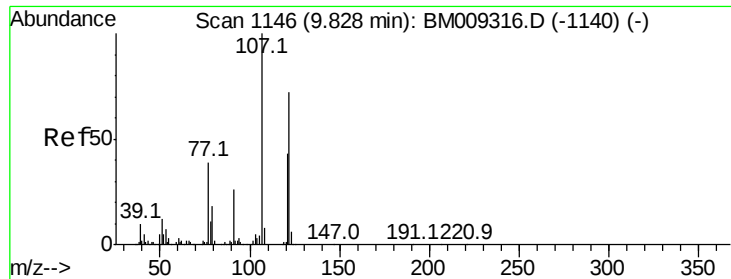
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion	139	Resp	179407
Ion Ratio	Lower	Upper	
139	100		
109	47.0	20.1	30.1#
65	77.0	31.5	47.3#





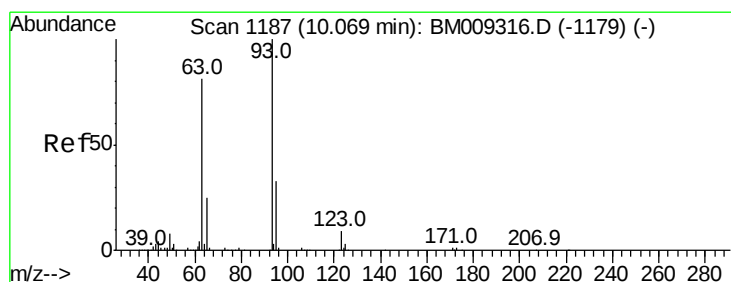
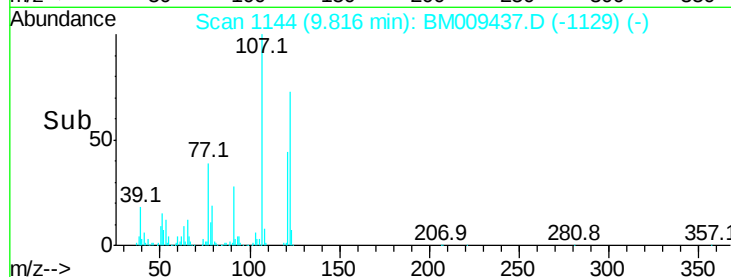
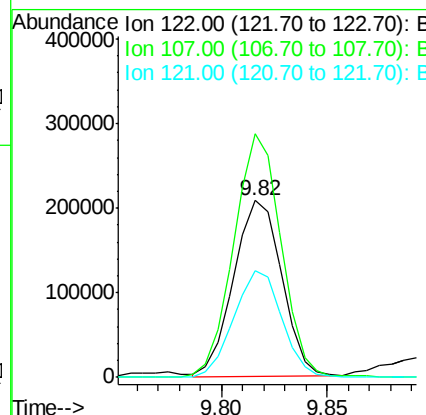
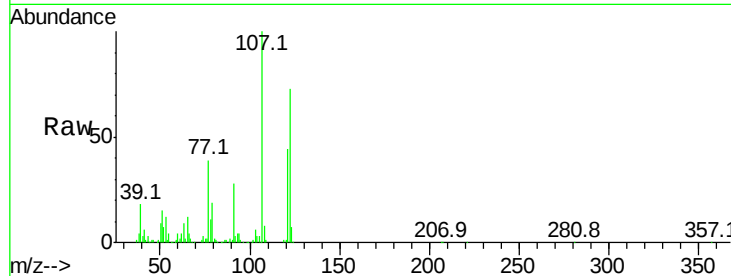
#27
2,4-Dimethylphenol
Concen: 49.84 ng
RT: 9.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	326877		
107	137.8	84.7	127.1#	
121	60.4	46.6	69.8	

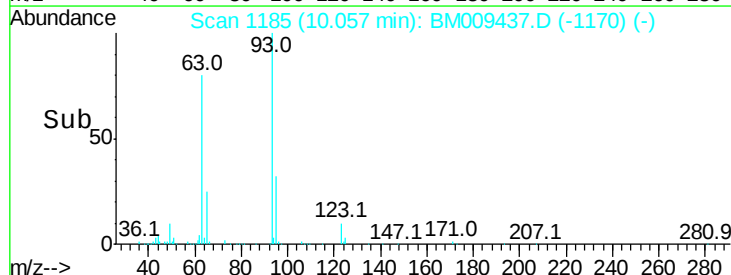
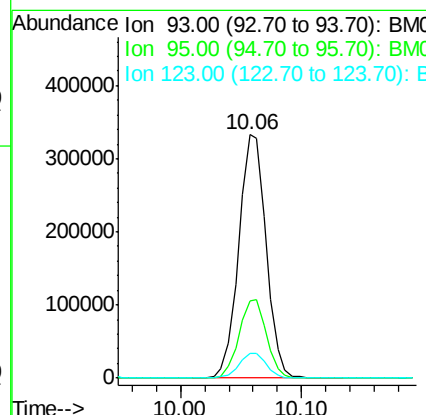
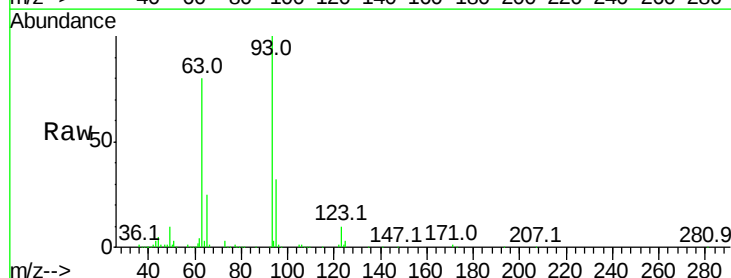
Manual Integrations
APPROVED

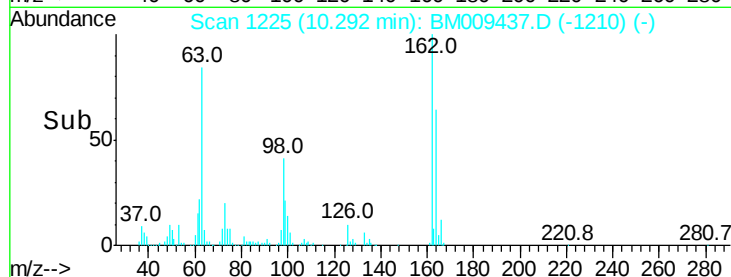
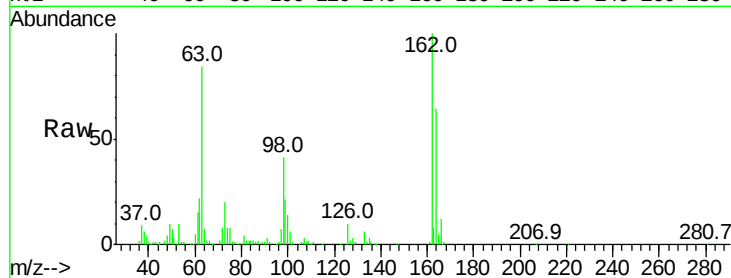
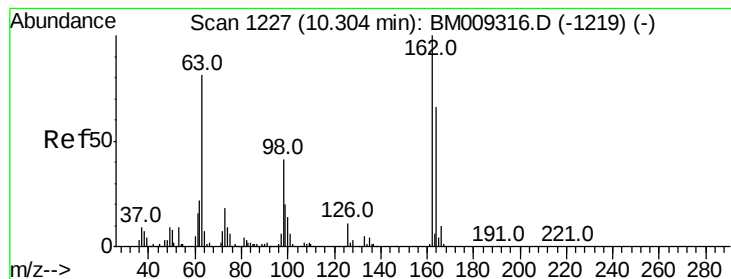
mohammad
3/31/2017 8:21:43 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.98 ng
RT: 10.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	526873		
95	31.5	25.5	38.3	
123	9.9	8.6	13.0	





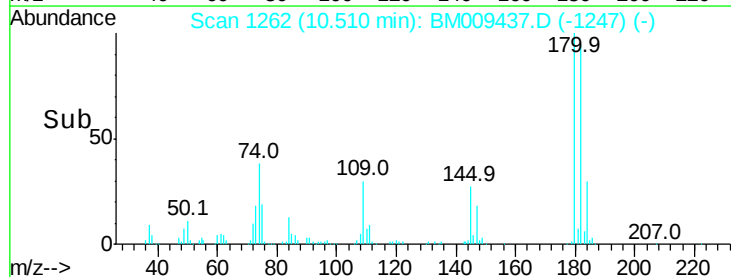
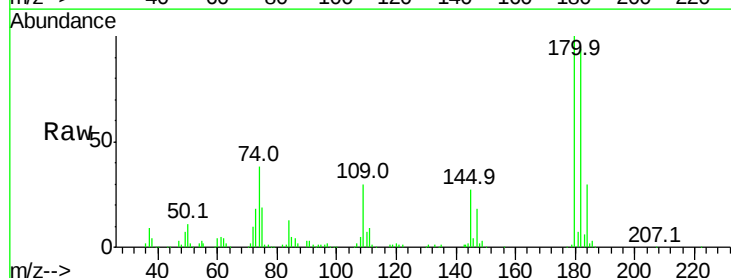
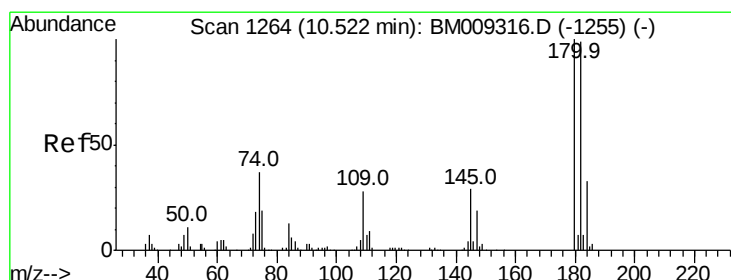
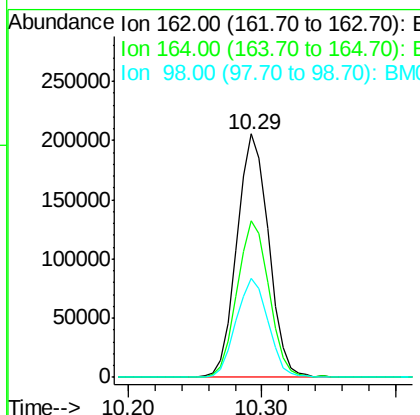
#29
2,4-Dichlorophenol
Concen: 49.48 ng
RT: 10.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tot Ion	Ratio	Resp	Lower	Upper
162	100	339250		
164	64.2	42.8	82.8	
98	40.7	14.5	54.5	

Instrument :
BNA_M
ClientSampled :
HSP-01MS

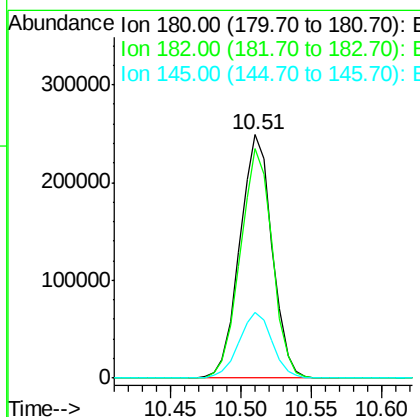
Manual Integrations
APPROVED

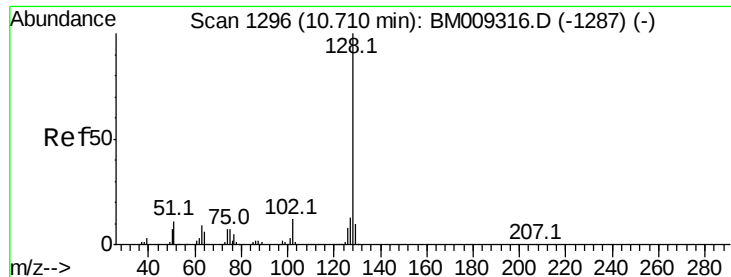
mohammad
3/31/2017 8:21:43 AM



#30
1,2,4-Trichlorobenzene
Concen: 46.75 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	397667		
182	94.5	77.6	116.4	
145	27.1	23.4	35.2	





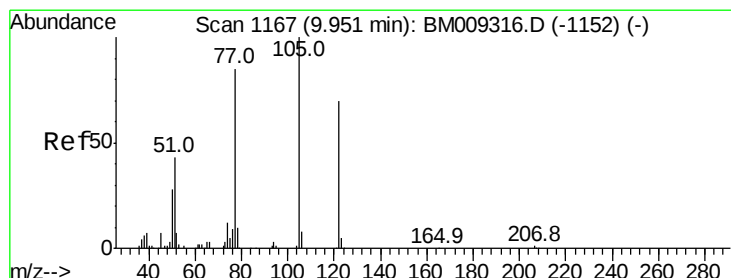
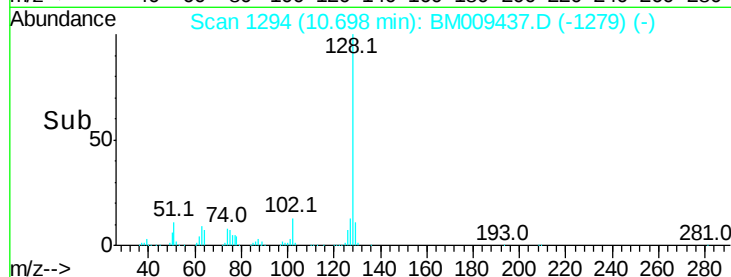
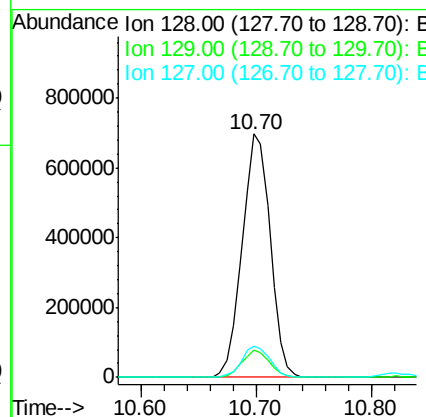
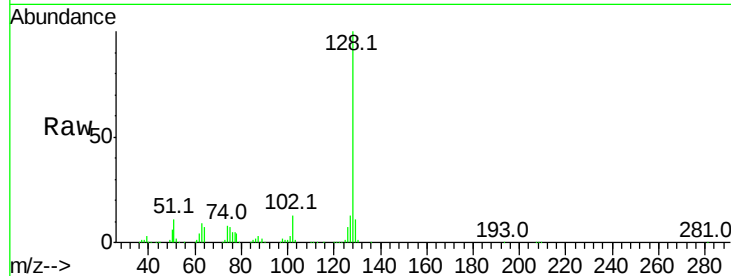
#31
Naphthalene
Concen: 48.56 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.5	10.4	15.6

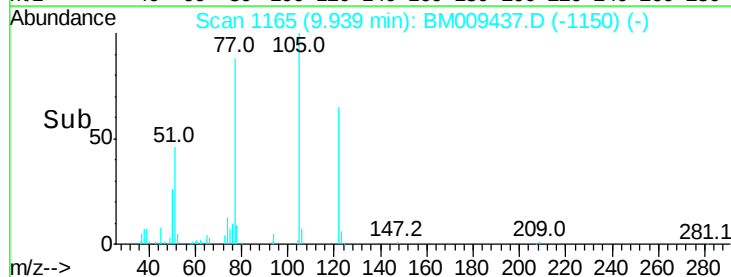
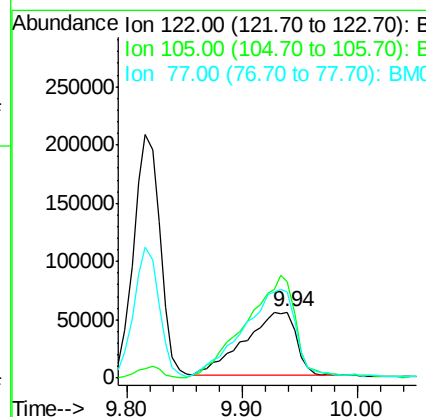
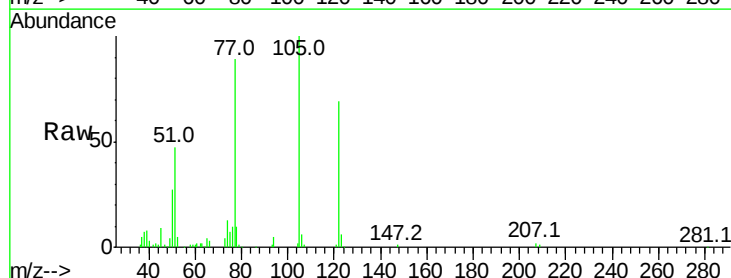
Manual Integrations
APPROVED

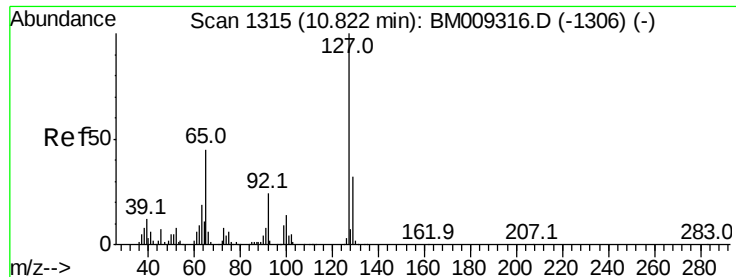
mohammad
3/31/2017 8:21:43 AM



#32
Benzoic acid
Concen: 38.72 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	145.7	99.9	139.9#
77	129.6	73.7	113.7#





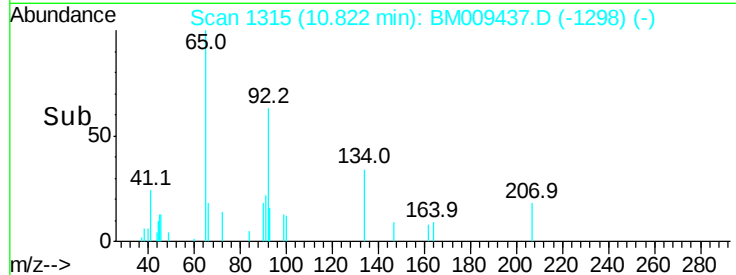
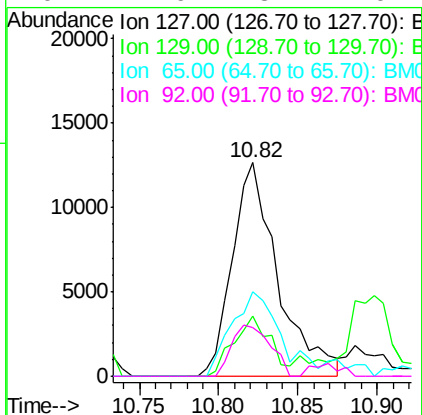
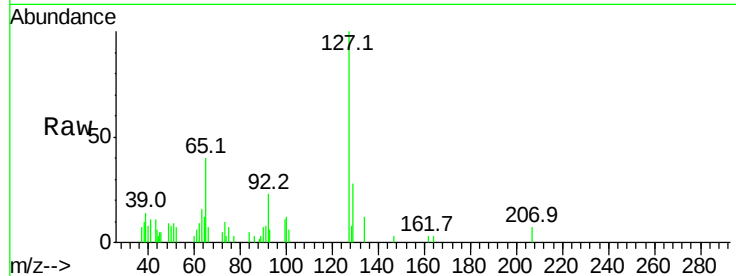
#33
4-Chloroaniline
Concen: 2.71 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	28.4	25.3	37.9	
65	39.6	17.6	26.4	
92	22.9	13.1	19.7	

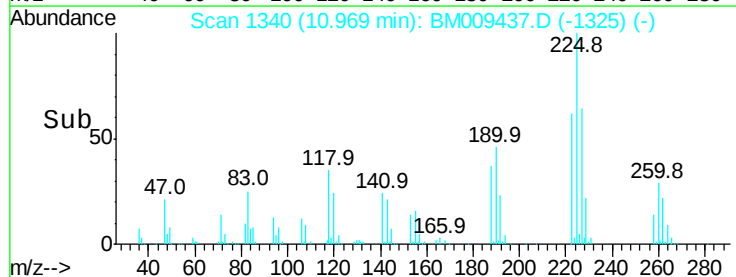
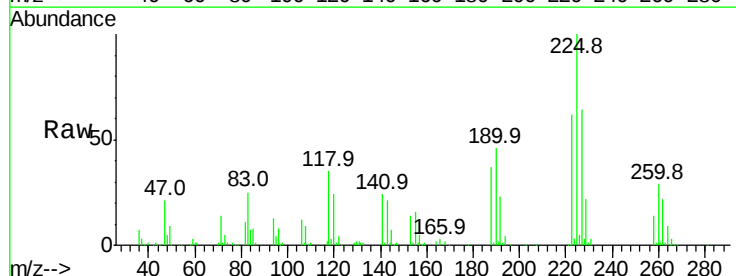
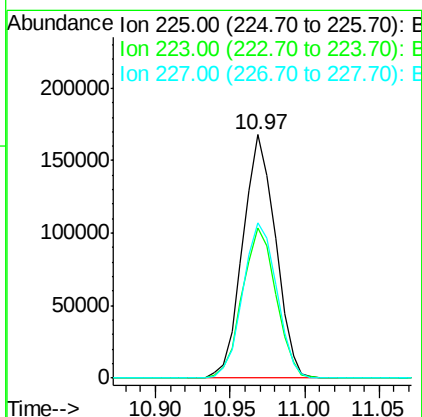
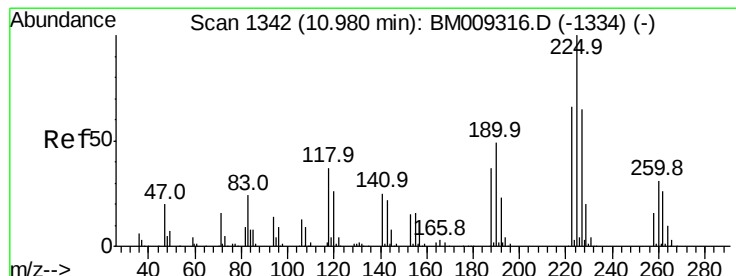
Manual Integrations
APPROVED

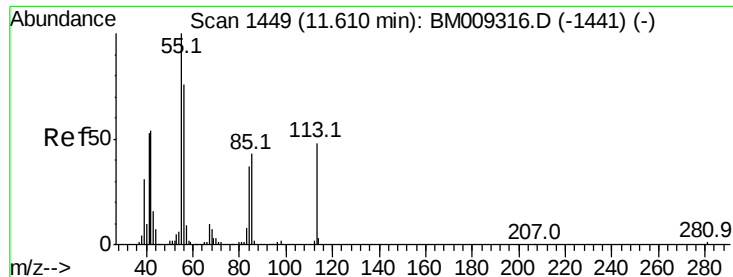
mohammad
3/31/2017 8:21:43 AM



#34
Hexachlorobutadiene
Concen: 43.82 ng
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	47.9	71.9	
227	64.0	50.1	75.1	





#35

Caprolactam

Concen: 37.54 ng/ml

RT: 11.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

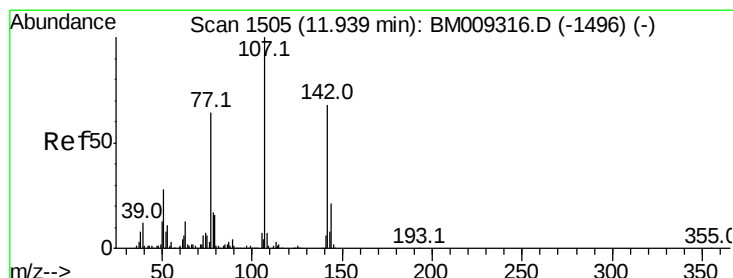
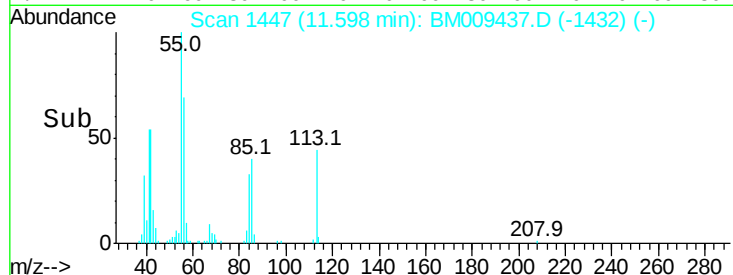
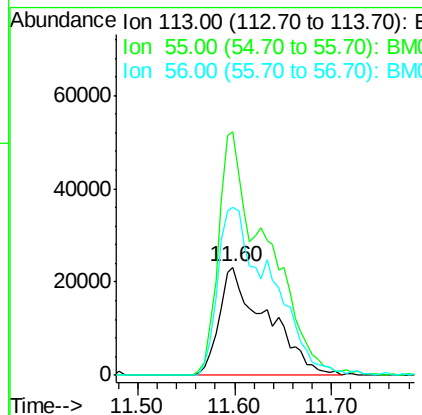
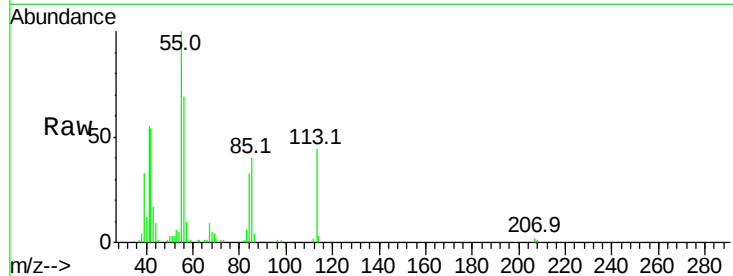
ClientSampled :

HSP-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	224.8	145.9	185.9#
56	154.8	101.0	141.0#

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#36

4-Chloro-3-methylphenol

Concen: 49.04 ng/ml

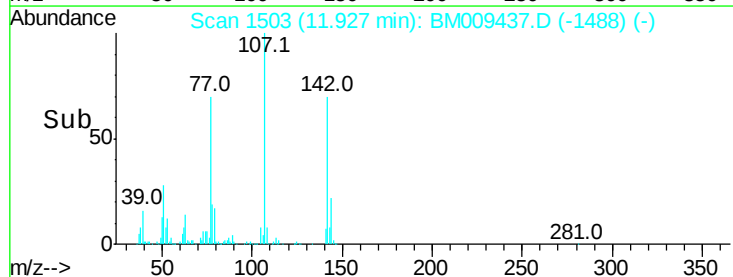
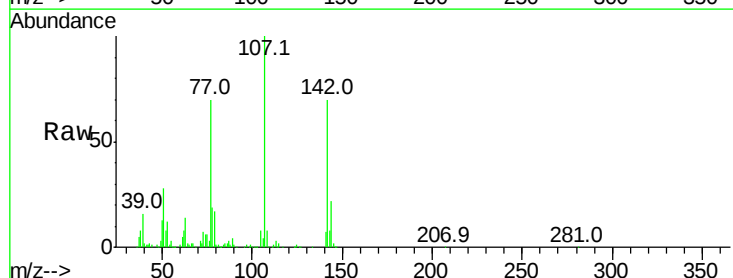
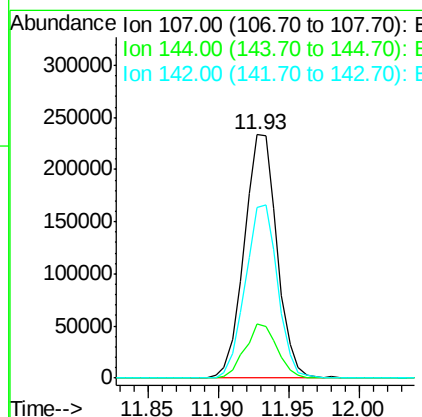
RT: 11.93 min Scan# 1503

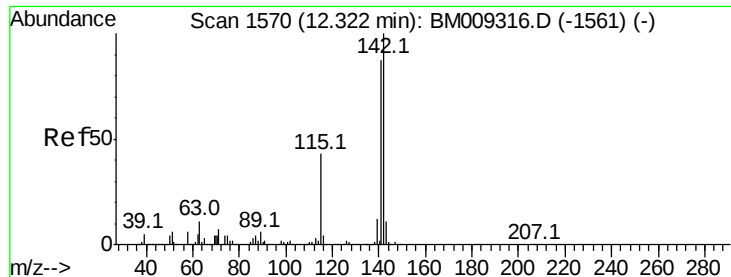
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	23.3	34.9#
142	70.3	72.6	109.0#





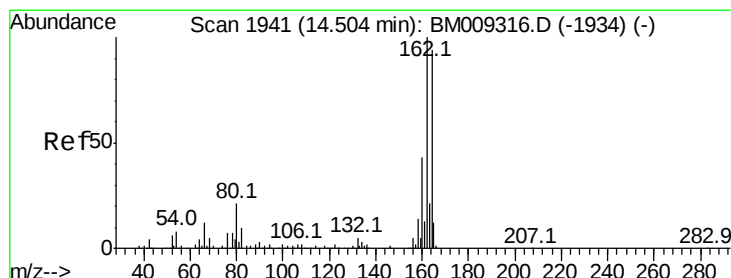
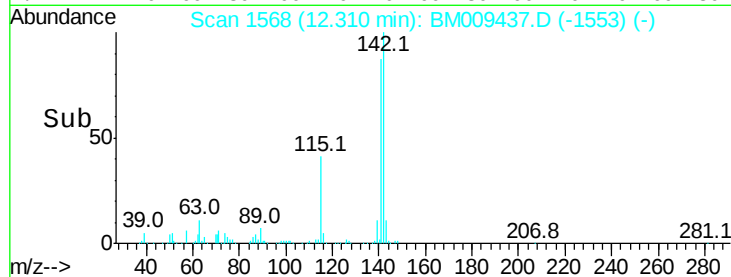
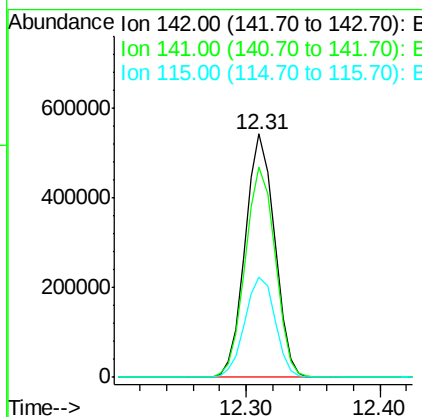
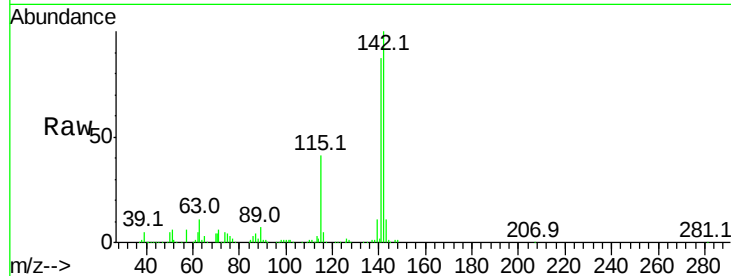
#37
2-Methylnaphthalene
Concen: 49.64 ng
RT: 12.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.9	107.9
115	41.3	25.4	38.0

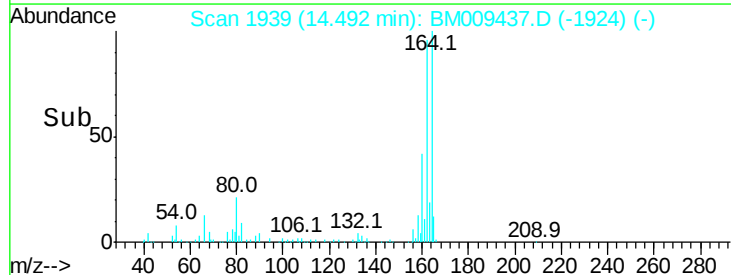
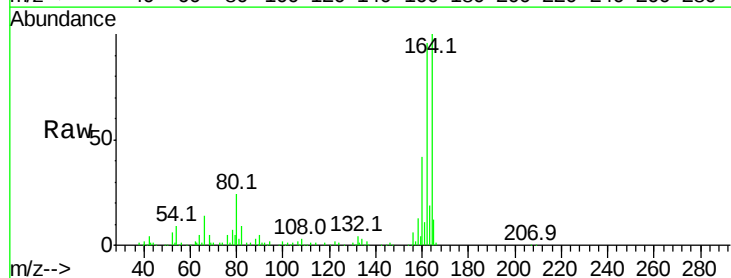
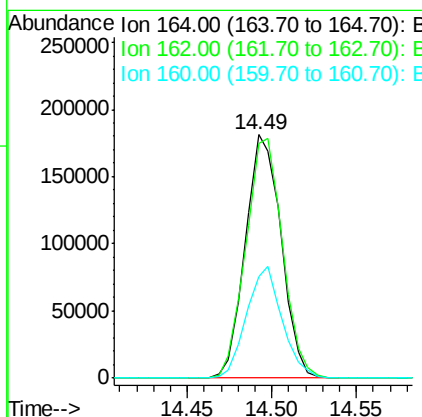
Manual Integrations
APPROVED

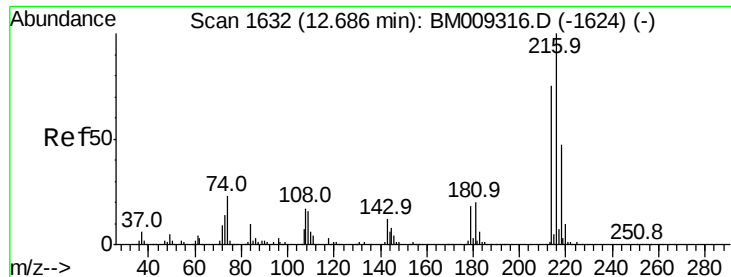
mohammad
3/31/2017 8:21:43 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	82.4	123.6
160	41.8	35.8	53.6





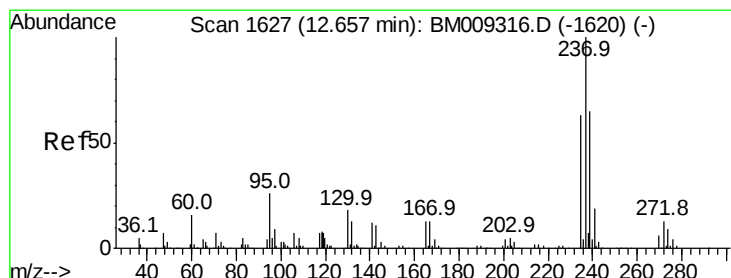
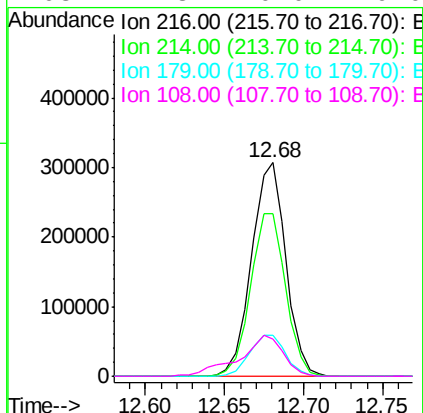
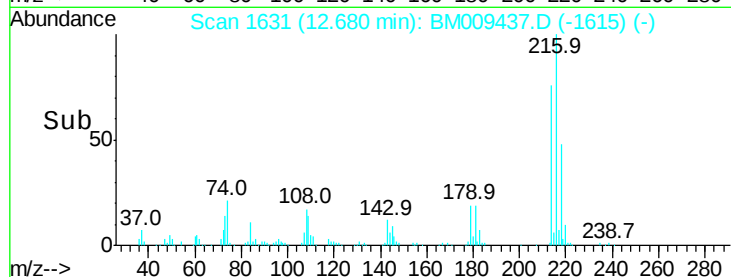
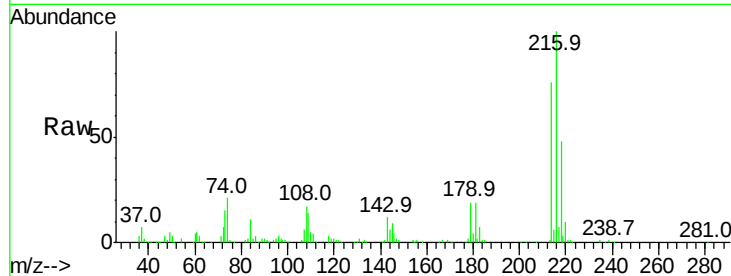
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.87 ng
 RT: 12.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.8	0.0	0.0	#
179	20.4	0.0	0.0	#
108	24.3	0.0	0.0	#

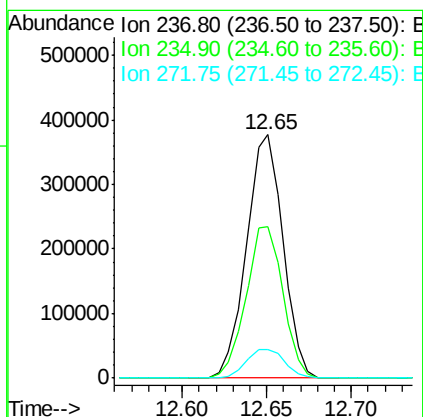
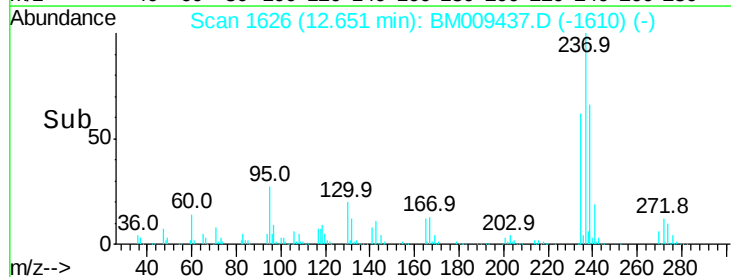
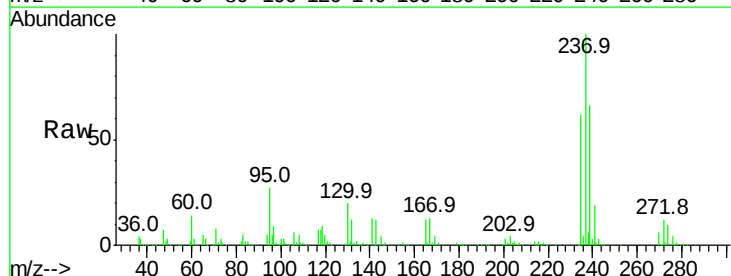
Manual Integrations
 APPROVED

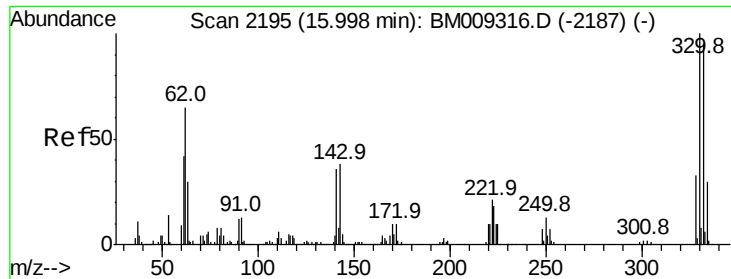
mohammad
 3/31/2017 8:21:43 AM



#40
 Hexachlorocyclopentadiene
 Concen: 98.13 ng
 RT: 12.65 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.3	42.0	82.0	
272	11.7	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 158.99 ng

RT: 15.99 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

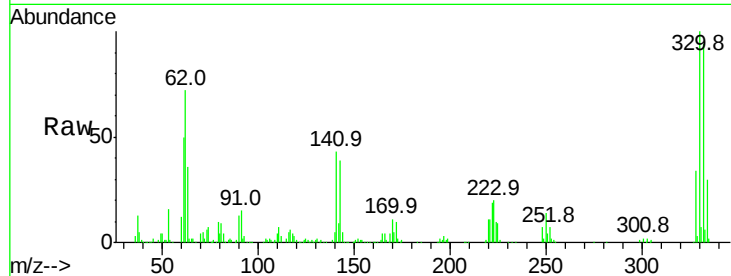
ClientSampled :

HSP-01MS

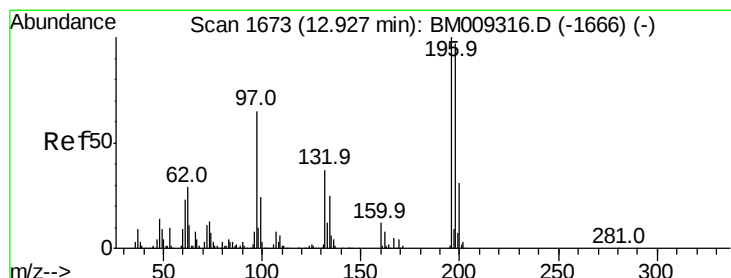
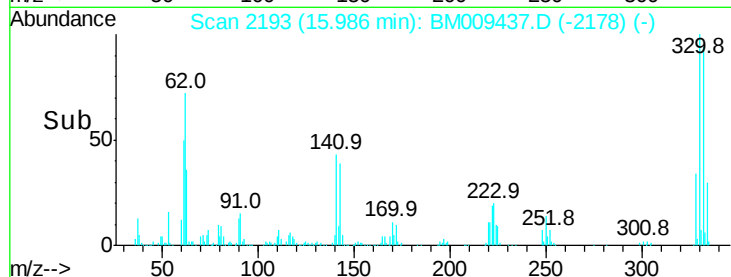
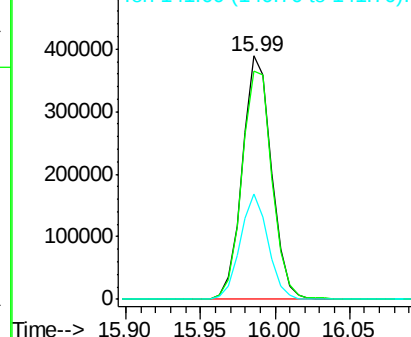
Tot Ion:	330	Resp:	526354
Ion Ratio	Lower	Upper	
330	100		
332	97.1	0.0	0.0#
141	42.0	0.0	0.0#

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



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: 50.76 ng

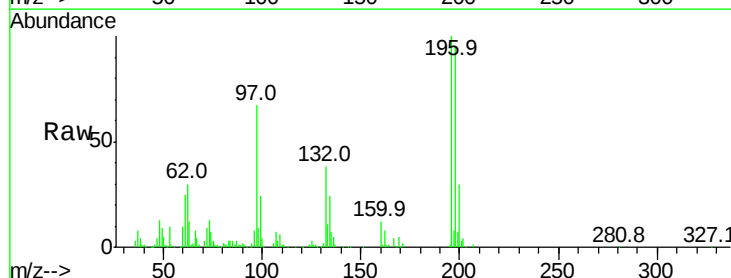
RT: 12.92 min Scan# 1672

Delta R.T. -0.01 min

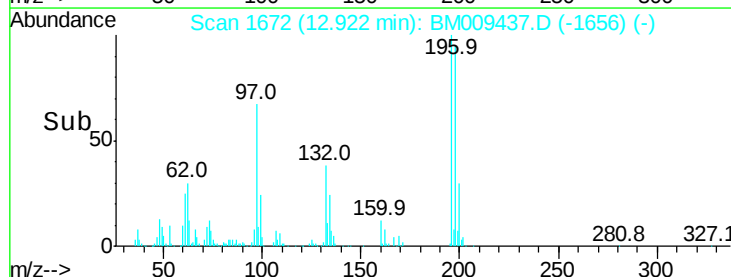
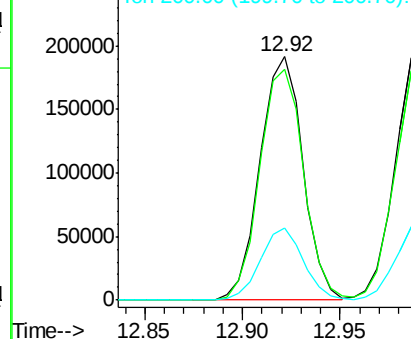
Lab File: BM009437.D

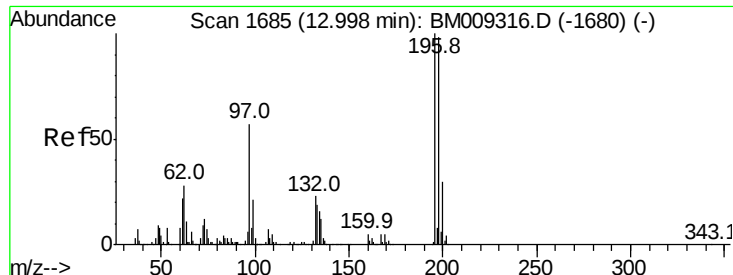
Acq: 29 Mar 2017 17:59

Tgt Ion:	196	Resp:	291992
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.3	114.5
200	29.6	25.6	38.4



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





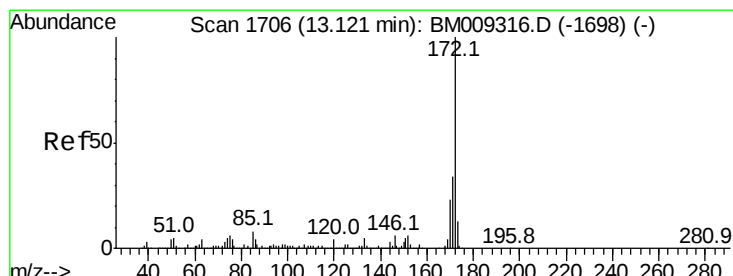
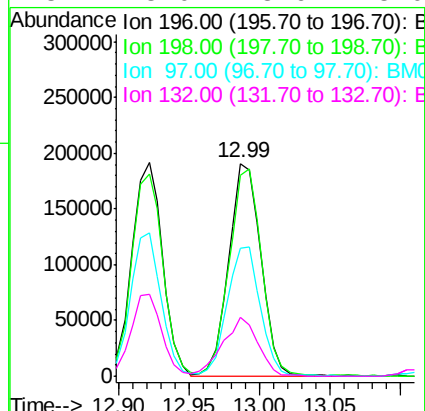
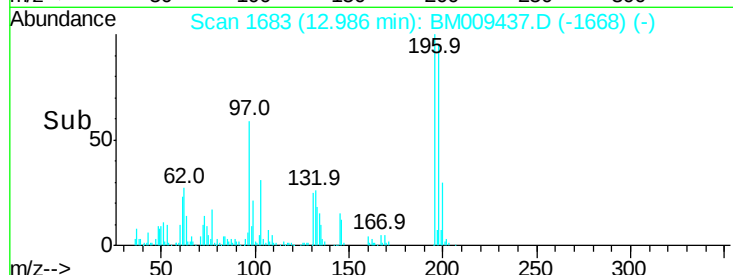
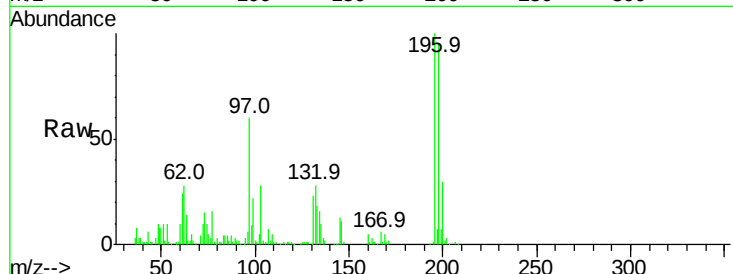
#43
2,4,5-Trichlorophenol
Concen: 47.06 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	302089		
198	94.7		79.4	119.0
97	60.2		26.8	40.2#
132	28.0		18.6	28.0#

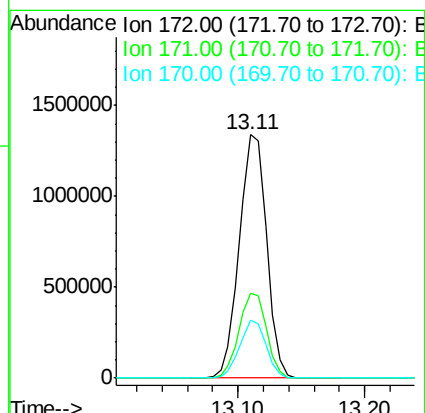
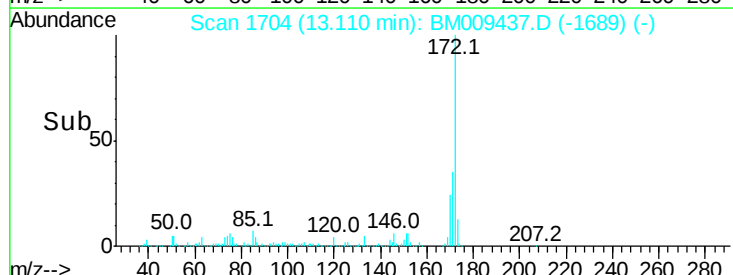
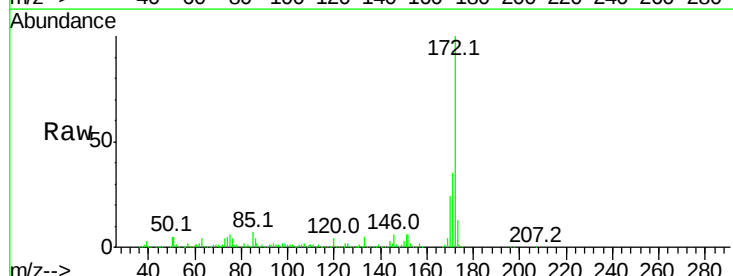
Manual Integrations
APPROVED

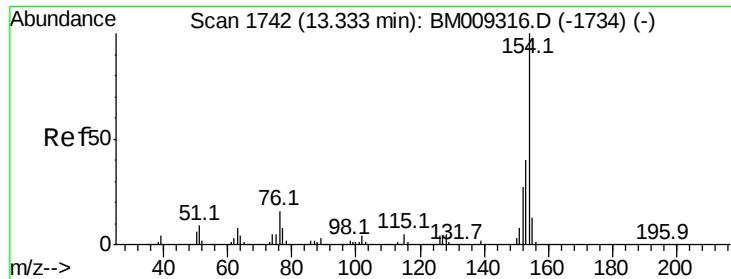
mohammad
3/31/2017 8:21:43 AM



#44
2-Fluorobiphenyl
Concen: 90.26 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1996199		
171	34.9		28.5	42.7
170	23.6		18.8	28.2





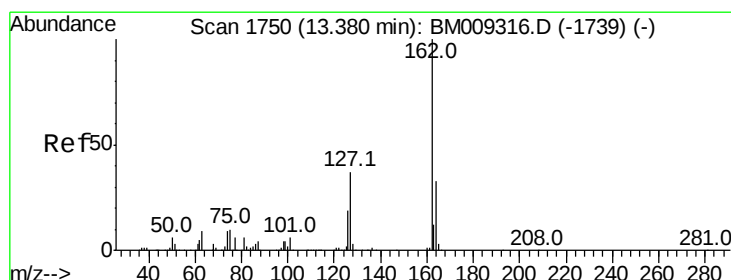
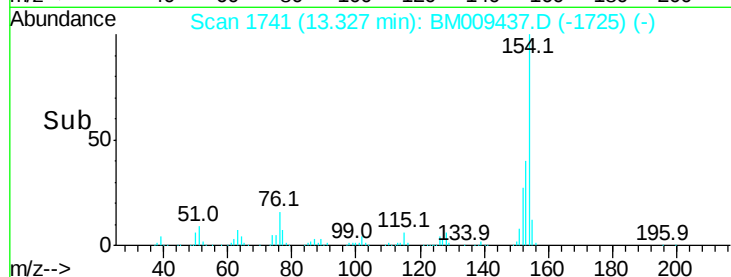
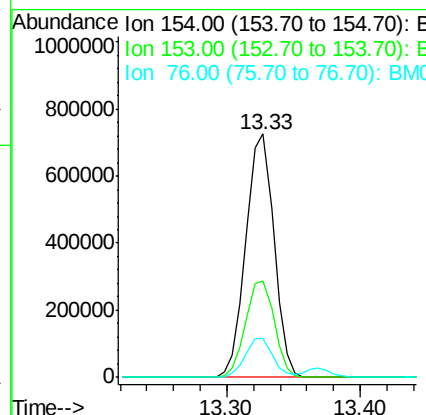
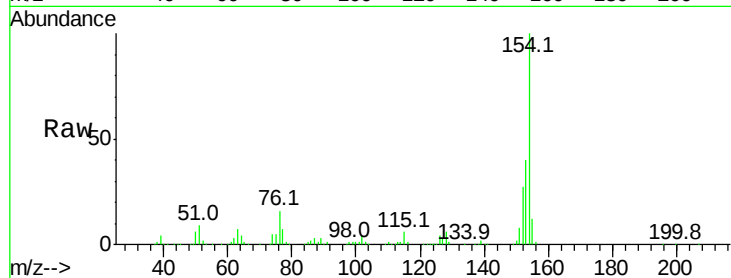
#45
 1,1'-Biphenyl
 Concen: 47.55 ng
 RT: 13.33 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.7	60.7
76	16.2	0.0	30.9

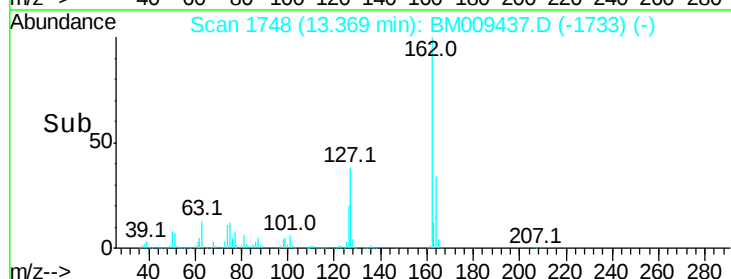
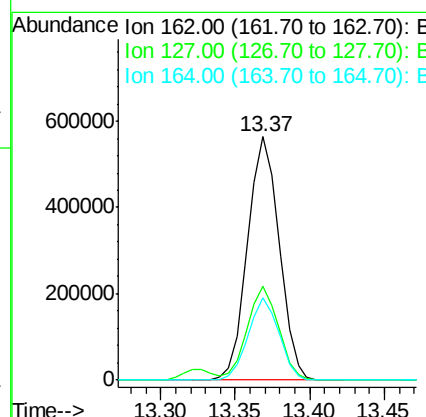
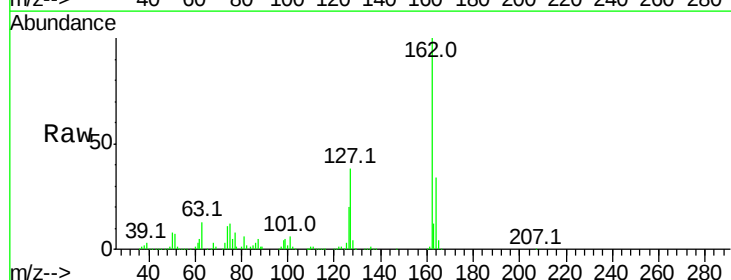
Manual Integrations
 APPROVED

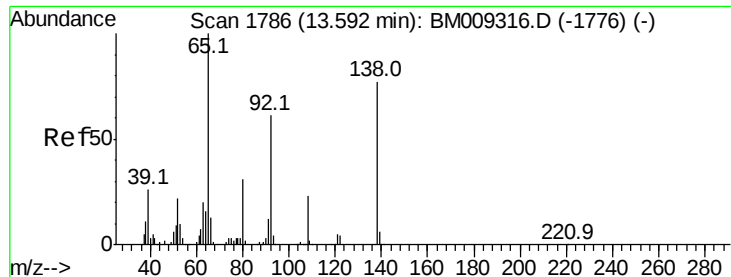
mohammad
 3/31/2017 8:21:43 AM



#46
 2-Chloronaphthalene
 Concen: 48.11 ng
 RT: 13.37 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	26.9	40.3
164	33.8	26.8	40.2





#47

2-Nitroaniline

Concen: 47.29 ng

RT: 13.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

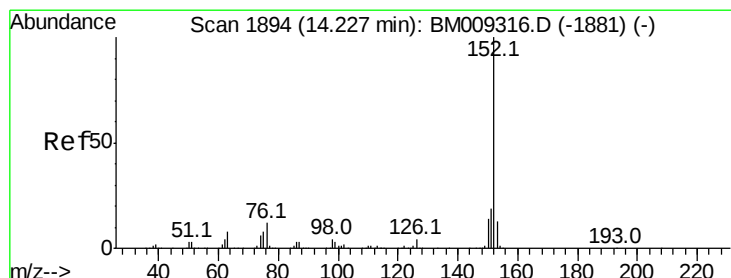
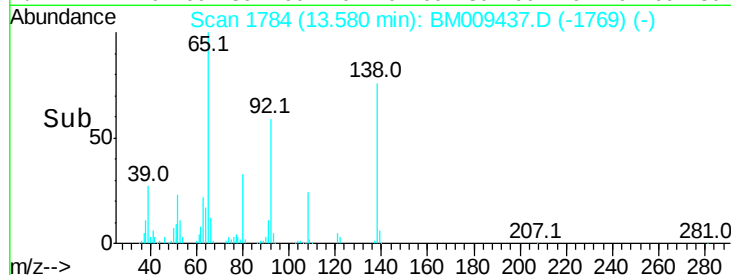
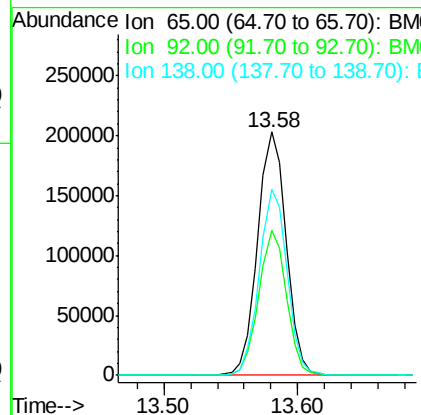
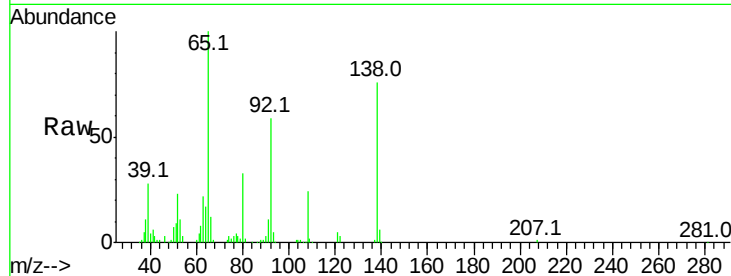
ClientSampled :

HSP-01MS

Tot Ion:	65	Resp:	300145
Ion Ratio	Lower	Upper	
65	100		
92	59.3	59.1	88.7
138	76.2	93.9	140.9#

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#48

Acenaphthylene

Concen: 46.70 ng

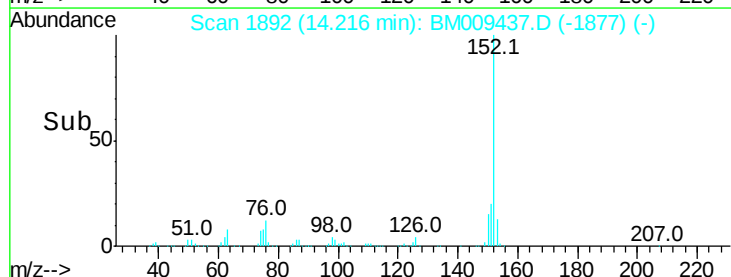
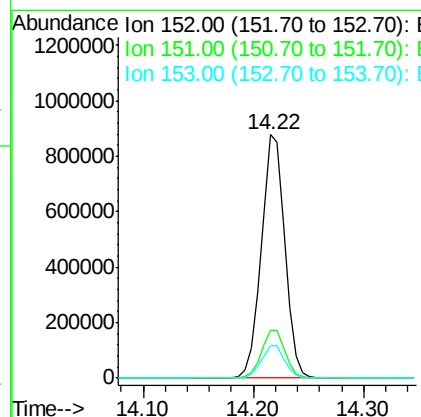
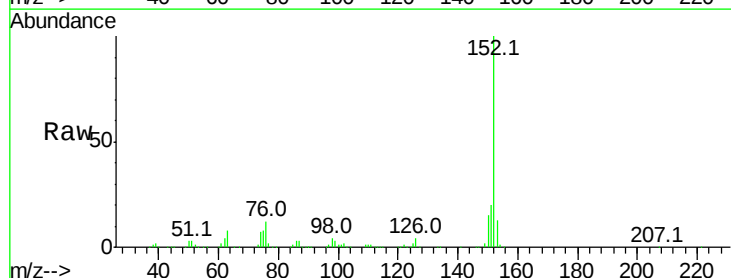
RT: 14.22 min Scan# 1892

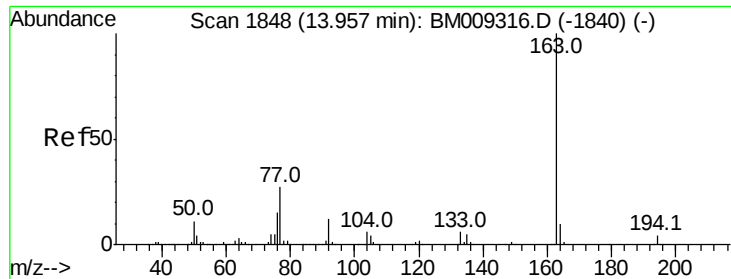
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion:	152	Resp:	1310487
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.9	23.9
153	13.3	10.6	16.0





#49

Dimethylphthalate

Concen: 50.29 ng

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

Tot Ion:163 Resp: 1029014

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

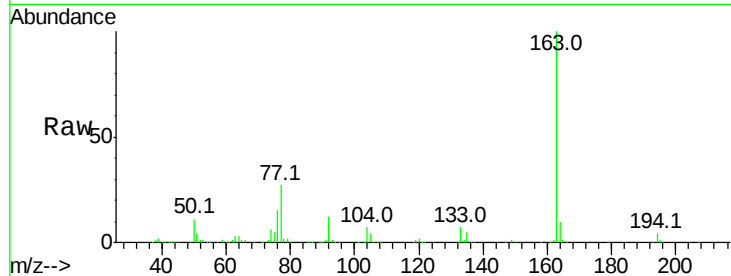
164 9.8 8.2 12.2

Manual Integrations

APPROVED

mohammad

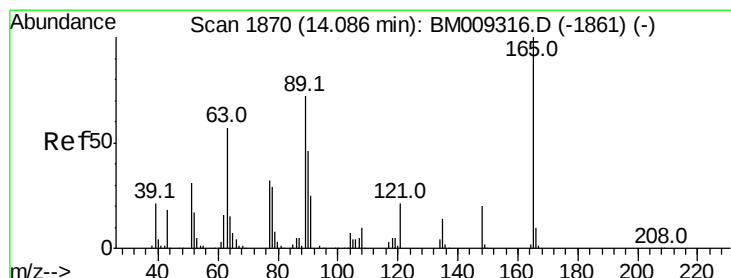
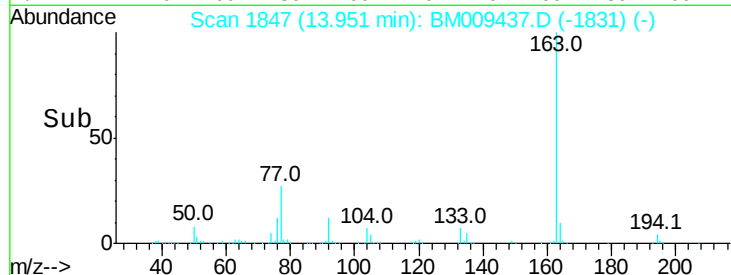
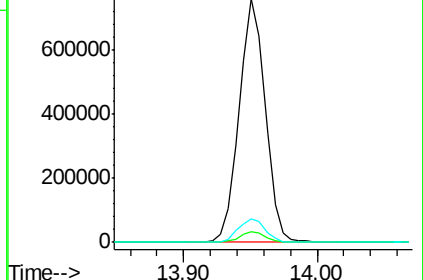
3/31/2017 8:21:43 AM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.39 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

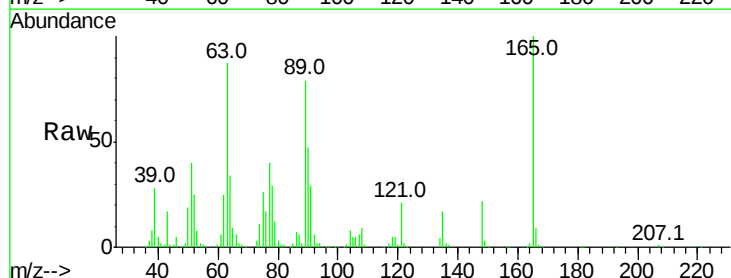
Tgt Ion:165 Resp: 217792

Ion Ratio Lower Upper

165 100

63 86.7 44.1 66.1#

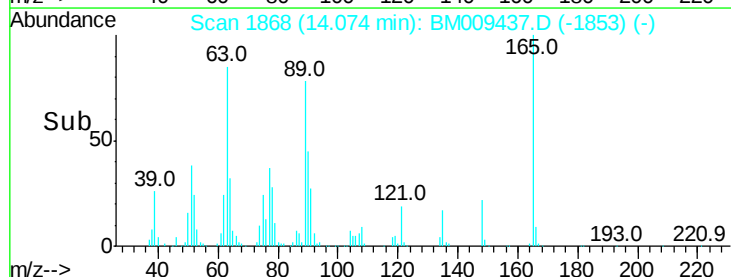
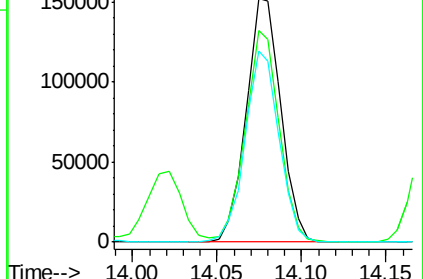
89 78.6 44.3 66.5#

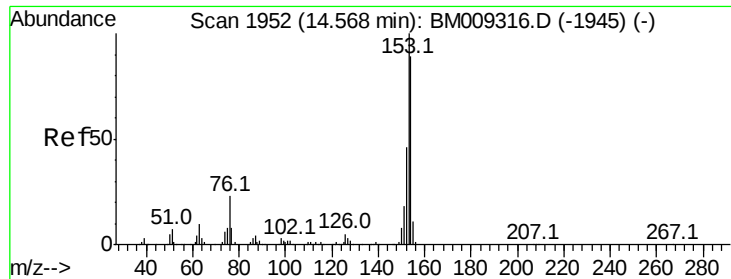


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 47.00 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

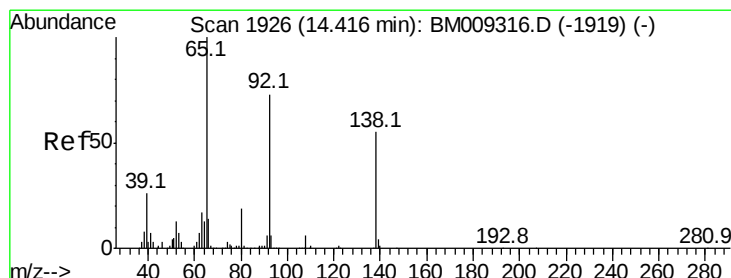
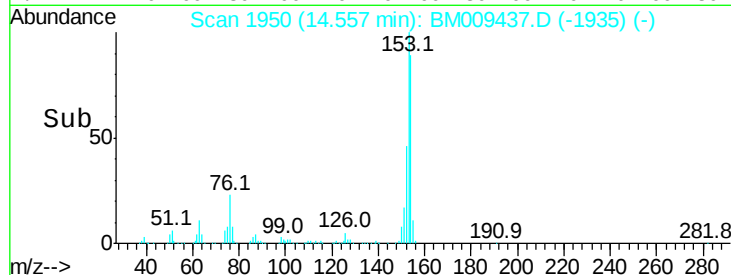
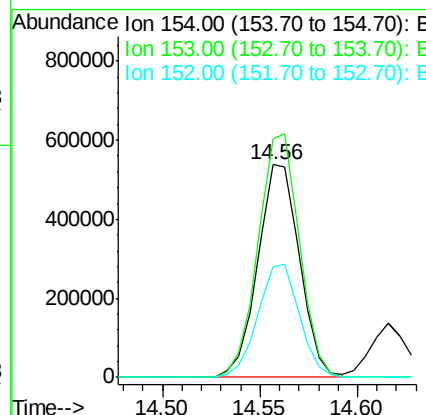
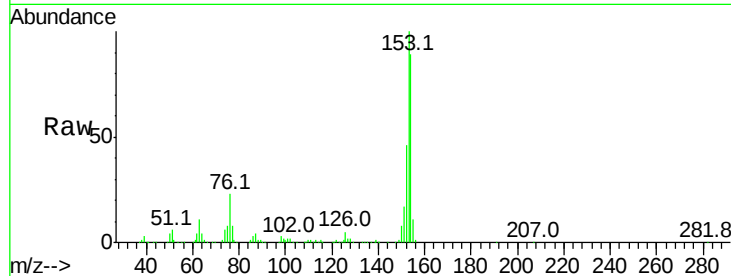
ClientSampleId :

HSP-01MS

Tot Ion:	154	Resp:	795603
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.0	135.0
152	51.7	42.6	63.8

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#52

3-Nitroaniline

Concen: 5.63 ng

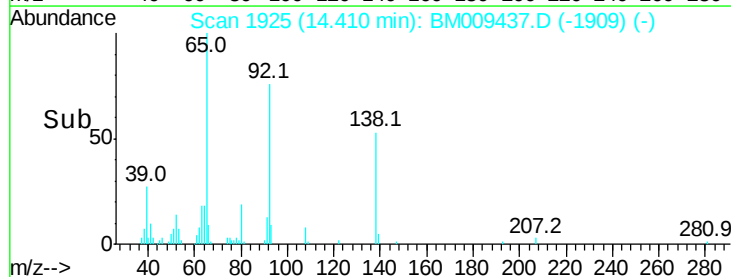
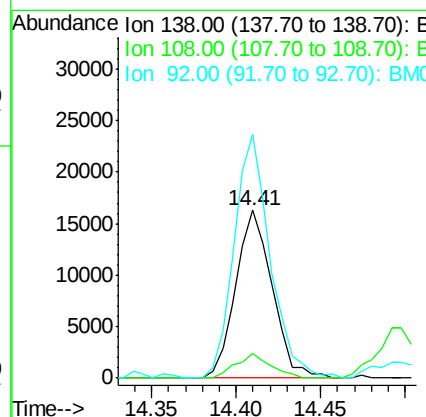
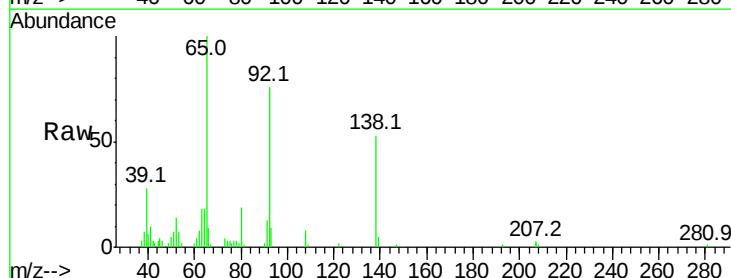
RT: 14.41 min Scan# 1925

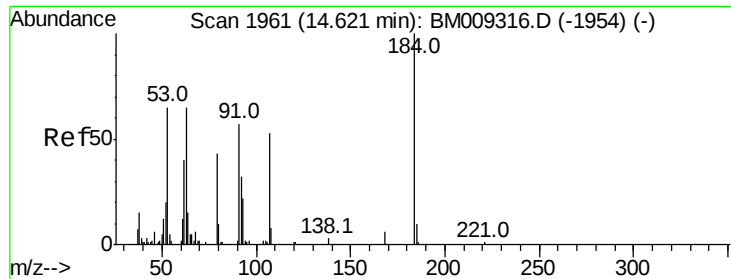
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion:	138	Resp:	24438
Ion Ratio	Lower	Upper	
138	100		
108	15.1	7.3	10.9#
92	145.4	76.6	114.8#





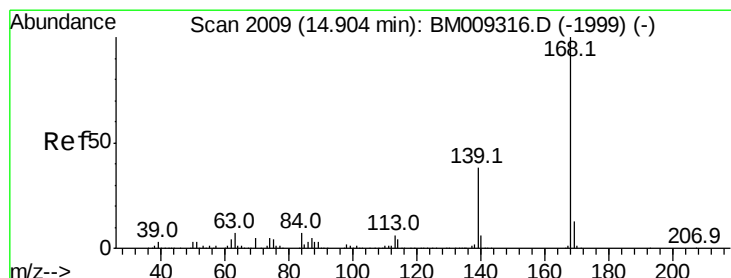
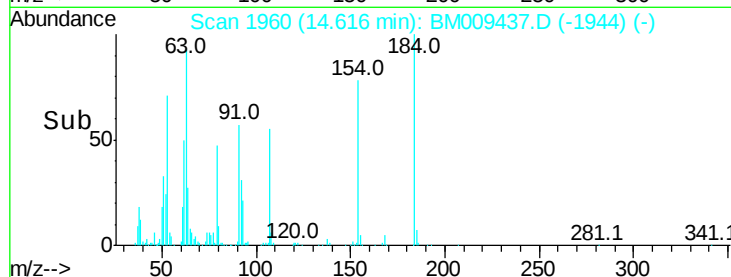
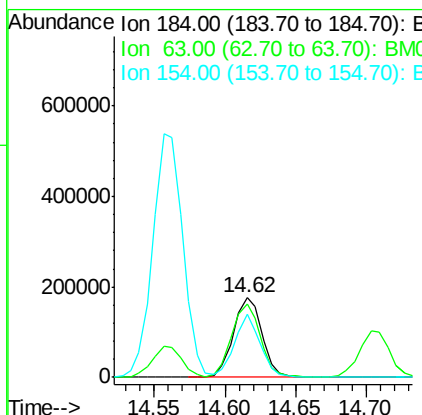
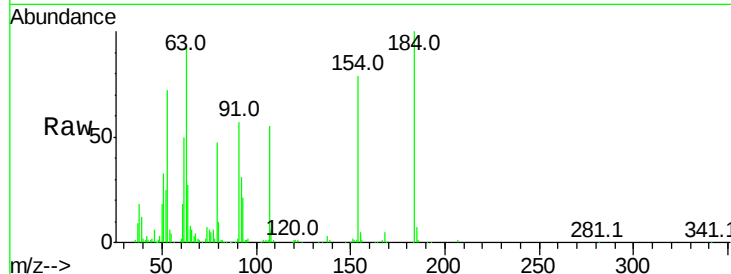
#53
2,4-Dinitrophenol
Concen: 83.55 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	249222		
63	93.0	69.2	103.8	
154	78.7	53.3	79.9	

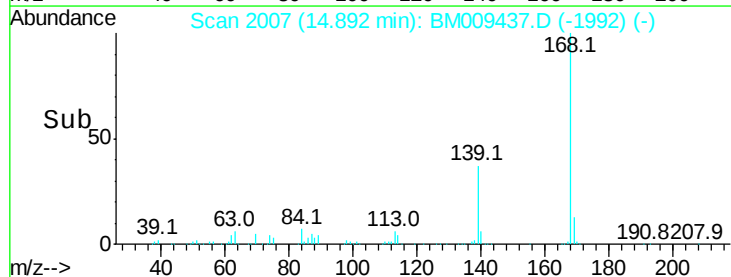
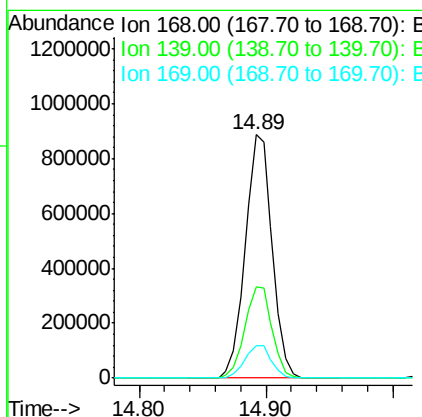
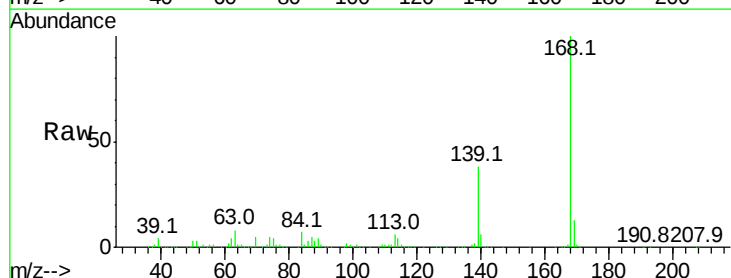
Manual Integrations
APPROVED

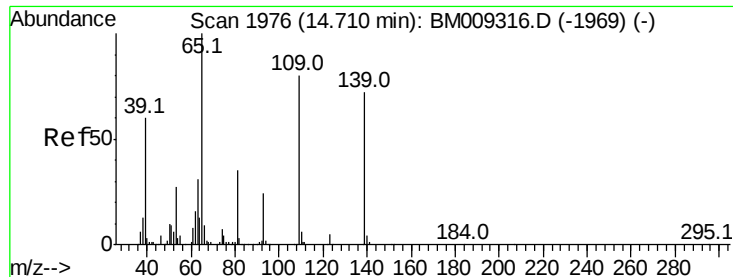
mohammad
3/31/2017 8:21:43 AM



#54
Dibenzofuran
Concen: 51.87 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1298648		
139	37.5	27.3	40.9	
169	13.1	10.6	16.0	





#55

4-Nitrophenol

Concen: 91.92 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

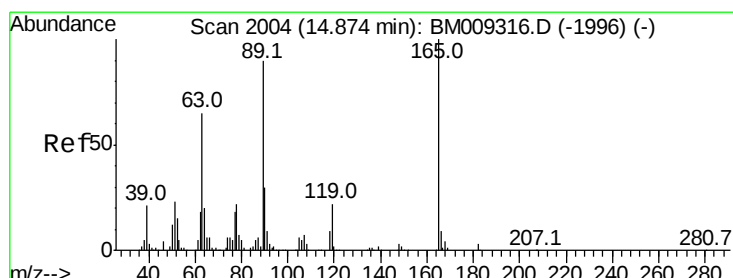
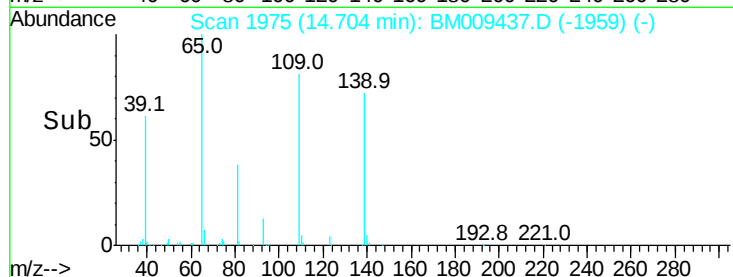
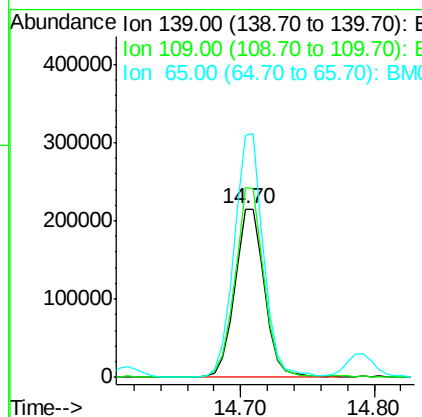
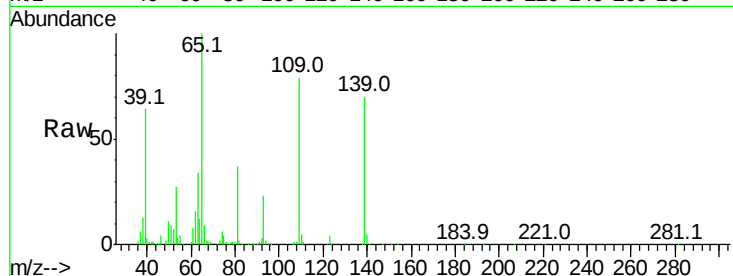
ClientSampleId :

HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	112.7	37.7	77.7#	
65	143.5	49.9	89.9#	

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#56

2,4-Dinitrotoluene

Concen: 51.91 ng

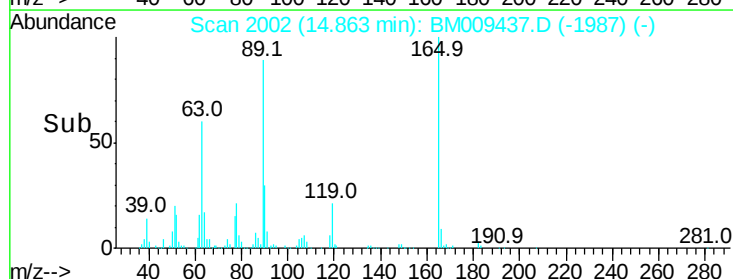
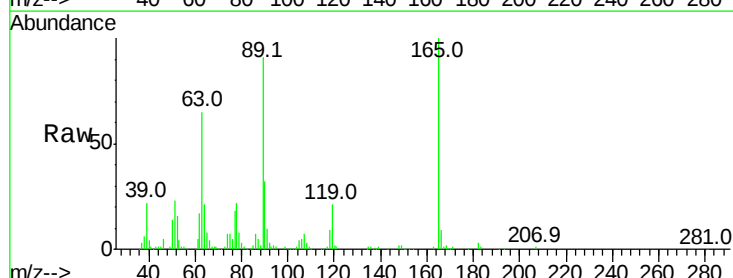
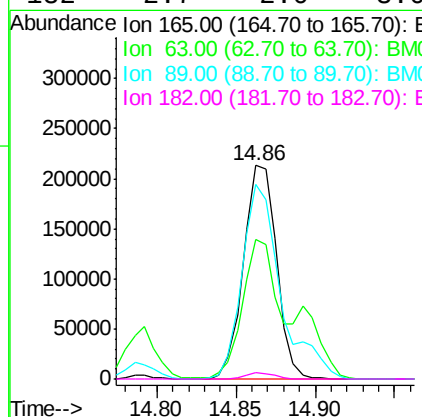
RT: 14.86 min Scan# 2002

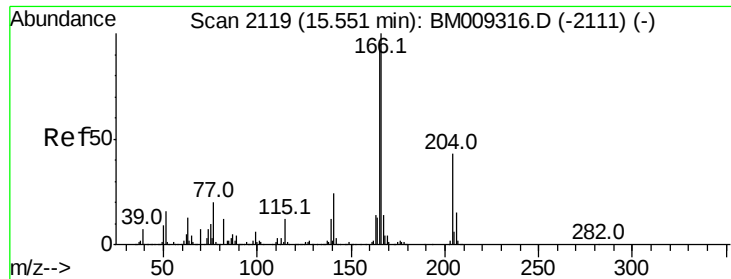
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.3	52.4	78.6	
89	90.8	72.4	108.6	
182	2.7	2.0	3.0	





#57

Fluorene

Concen: 47.38 ng

RT: 15.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampled :

HSP-01MS

Tot Ion:166 Resp: 1066214

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.4

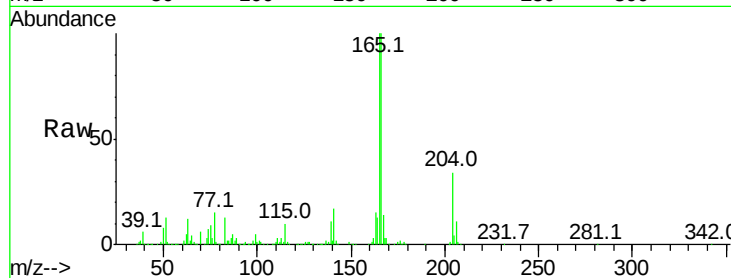
167 13.5 10.3 15.5

Manual Integrations

APPROVED

mohammad

3/31/2017 8:21:43 AM

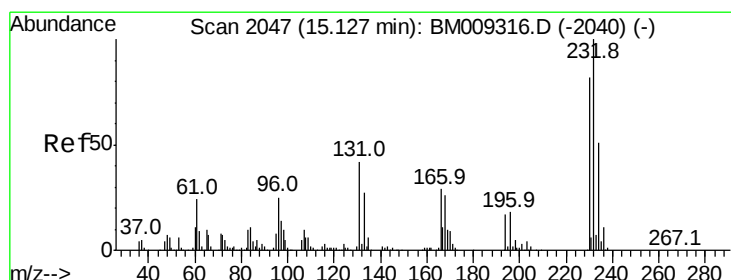
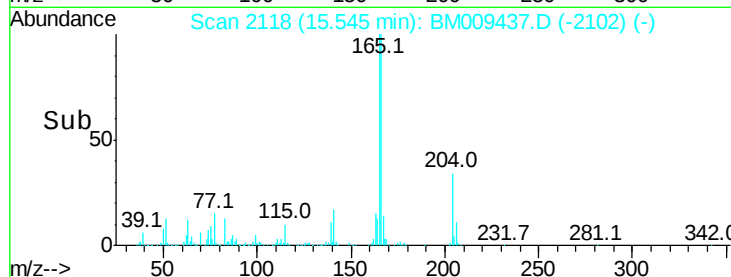
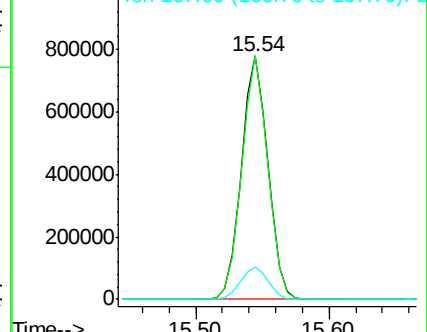


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.56 ng

RT: 15.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion:232 Resp: 285350

Ion Ratio Lower Upper

232 100

131 43.9 0.0 0.0#

130 2.5 0.0 0.0#

166 31.5 0.0 0.0#

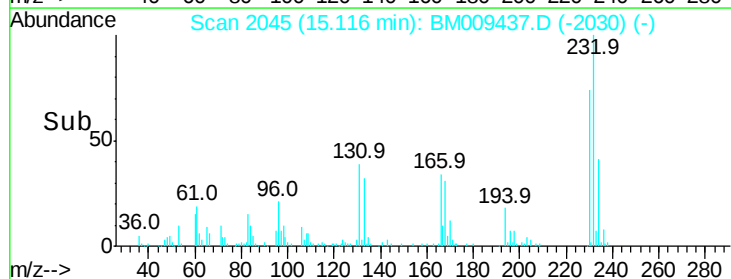
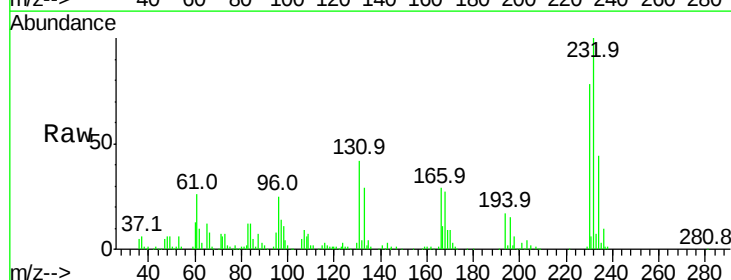
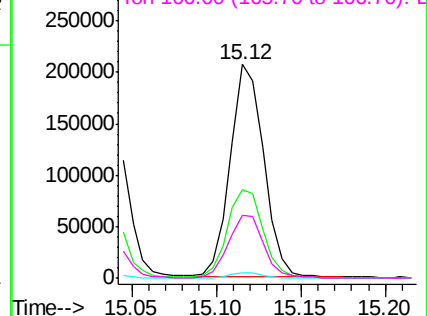
Abundance

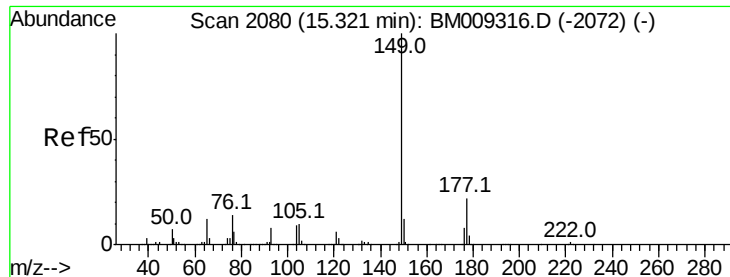
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





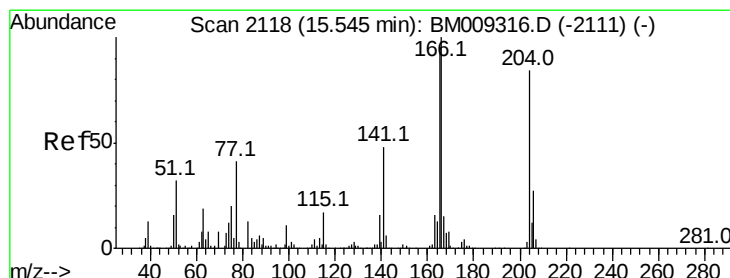
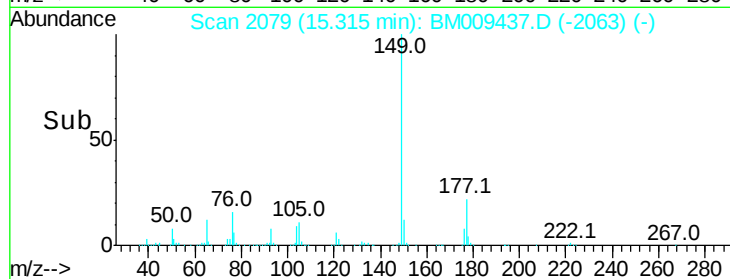
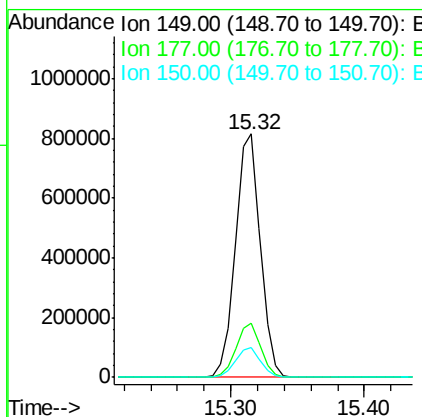
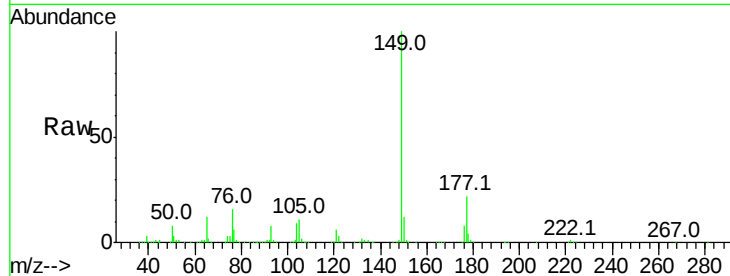
#59
Diethylphthalate
Concen: 50.84 ng
RT: 15.32 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampled :
HSP-01MS

Tot Ion:	149	Resp:	1055227
Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	12.4	9.8	14.8

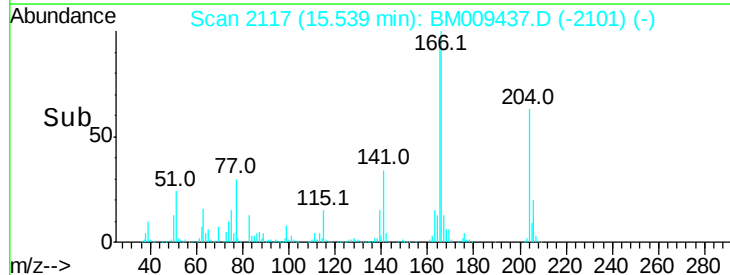
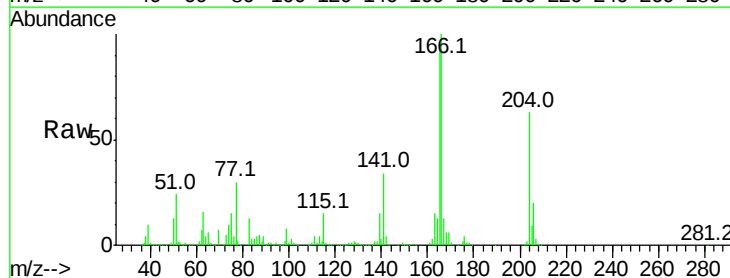
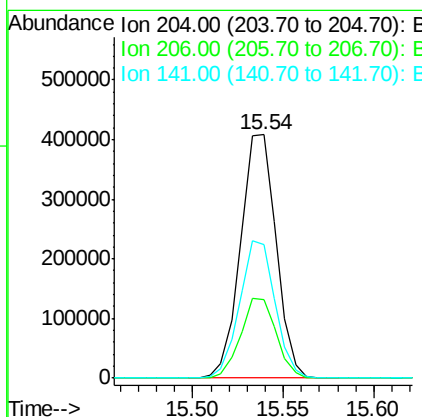
Manual Integrations
APPROVED

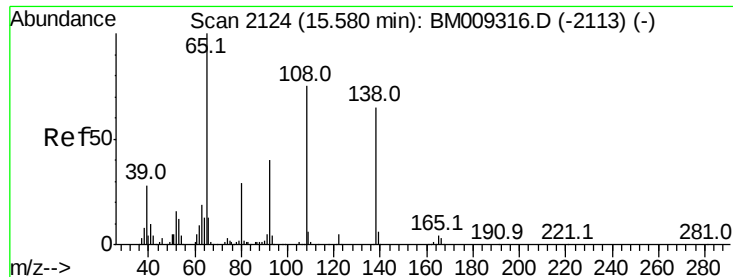
mohammad
3/31/2017 8:21:43 AM



#60
4-Chlorophenyl-phenylether
Concen: 47.45 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion:	204	Resp:	557561
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	54.7	45.2	67.8





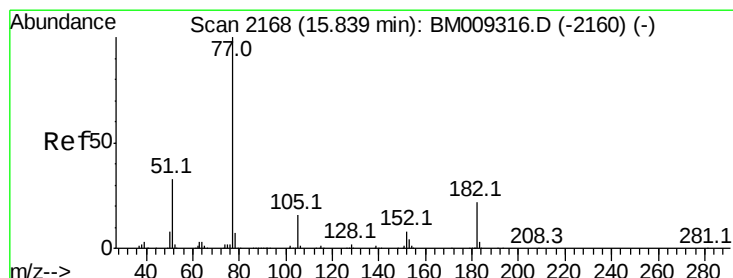
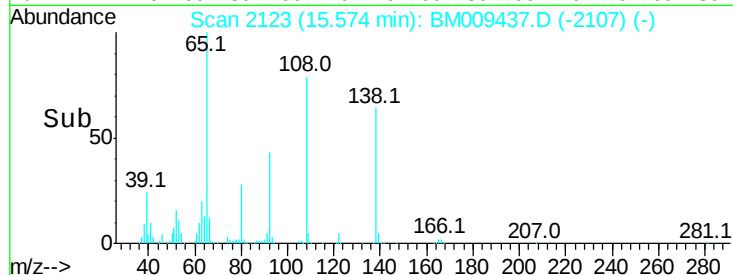
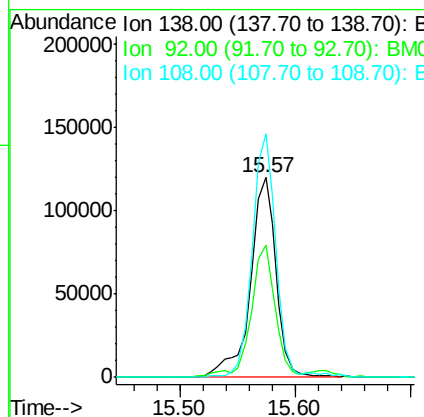
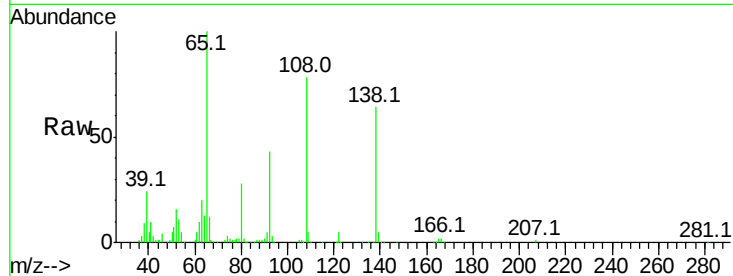
#61
4-Nitroaniline
Concen: 39.55 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	186634		
92	66.2	16.7	56.7#	
108	121.8	37.6	77.6#	

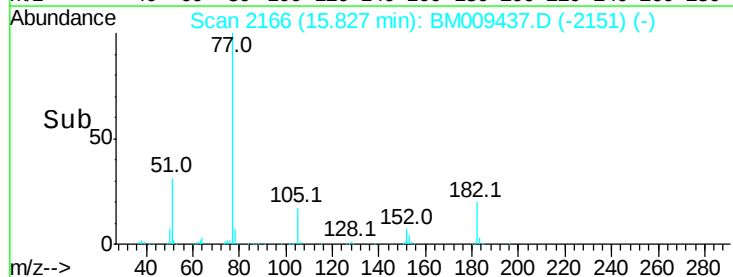
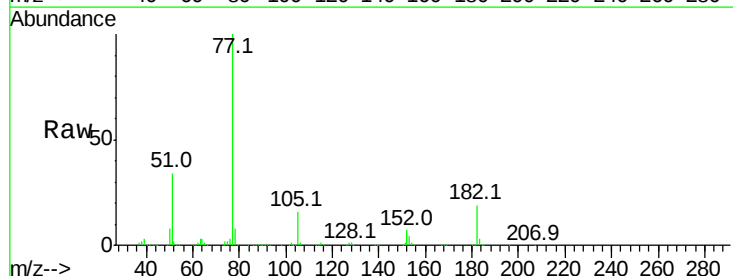
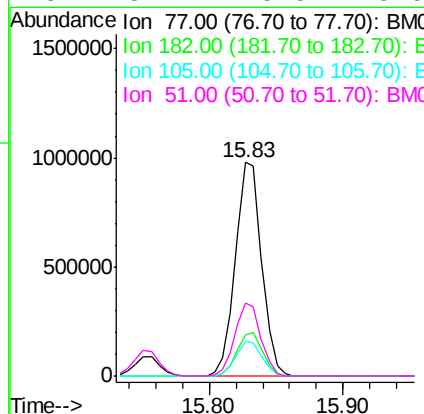
Manual Integrations
APPROVED

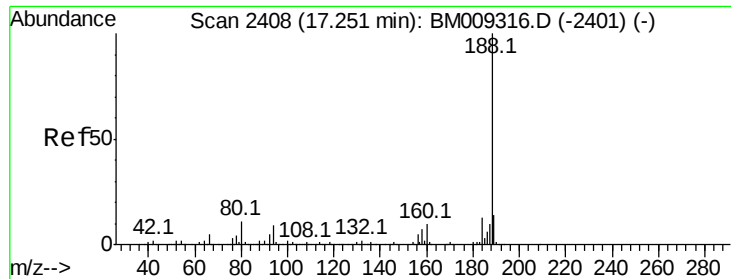
mohammad
3/31/2017 8:21:43 AM



#62
Azobenzene
Concen: 55.58 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1346821		
182	19.4	6.5	46.5	
105	16.4	3.8	43.8	
51	34.1	5.5	45.5	





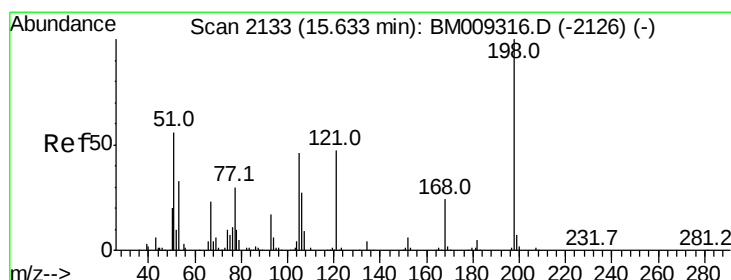
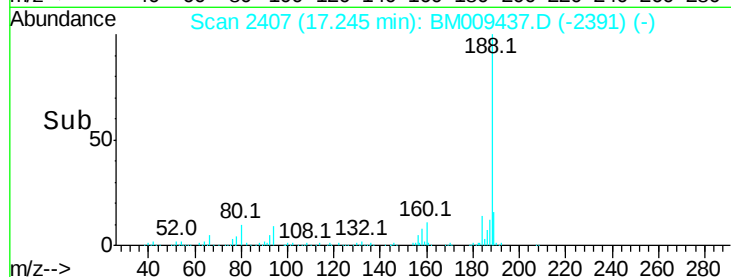
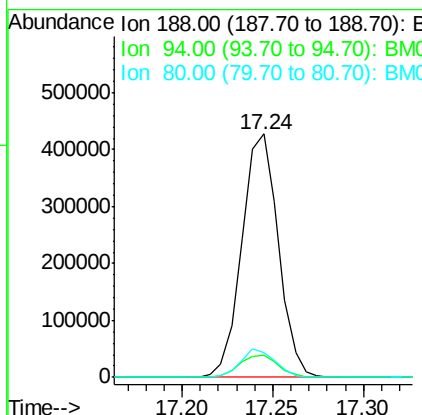
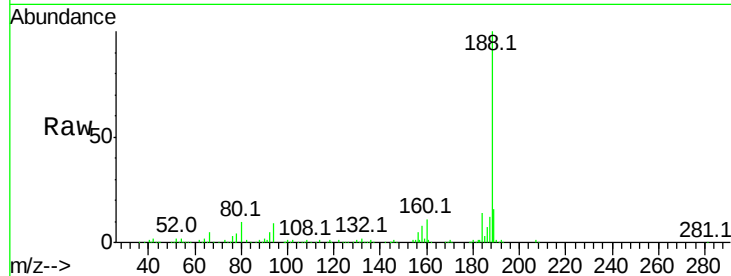
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	597212		
94	9.3		8.7	13.1
80	10.0		9.3	13.9

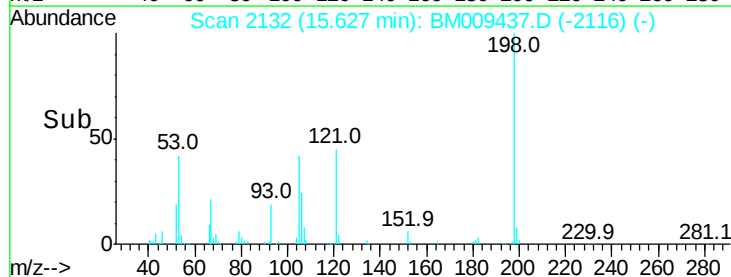
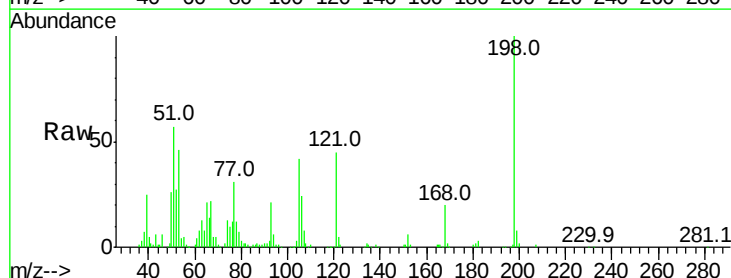
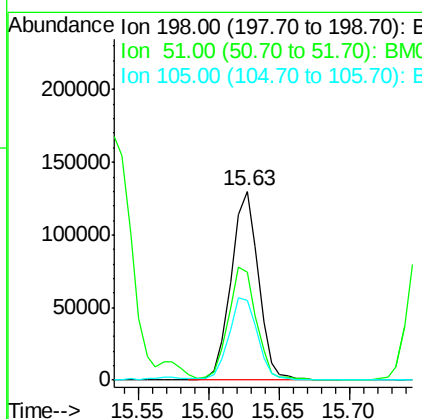
Manual Integrations
APPROVED

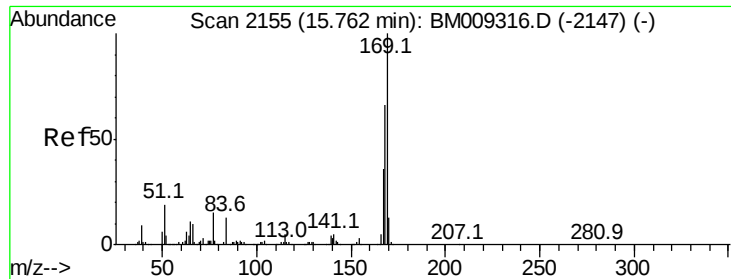
mohammad
3/31/2017 8:21:43 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.86 ng
RT: 15.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	176296		
51	56.9		28.8	68.8
105	42.4		30.5	70.5





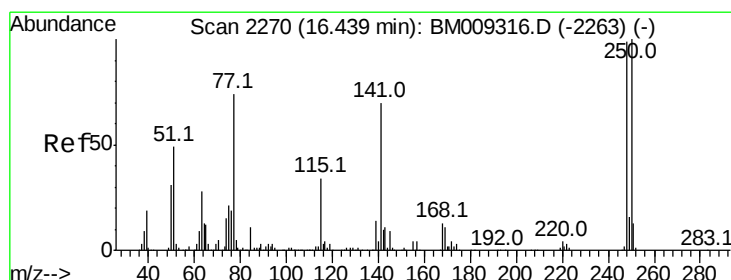
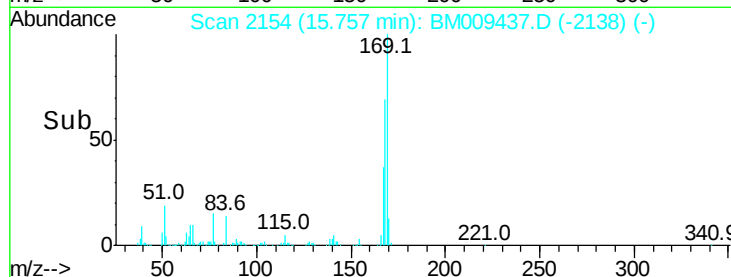
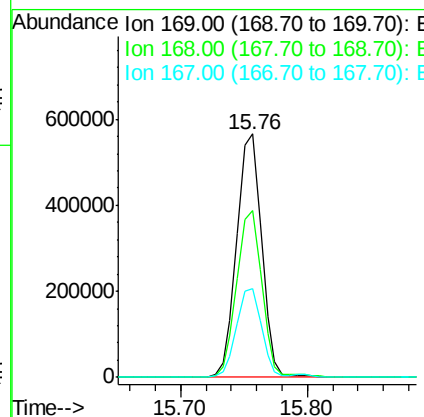
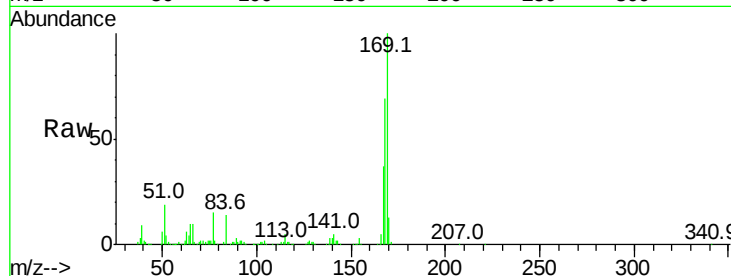
#65
 n-Nitrosodiphenylamine
 Concen: 42.32 ng
 RT: 15.76 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	767813		
168	68.7		53.9	80.9
167	36.5		28.9	43.3

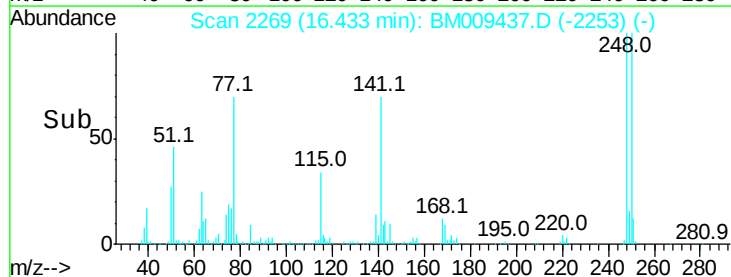
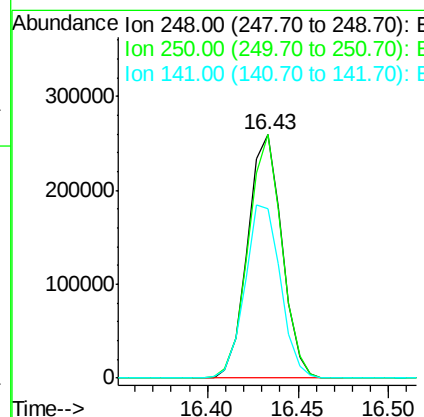
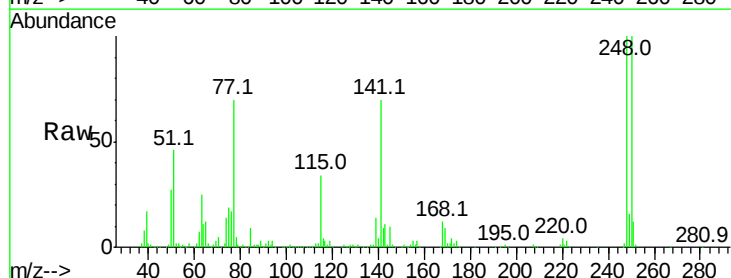
Manual Integrations
 APPROVED

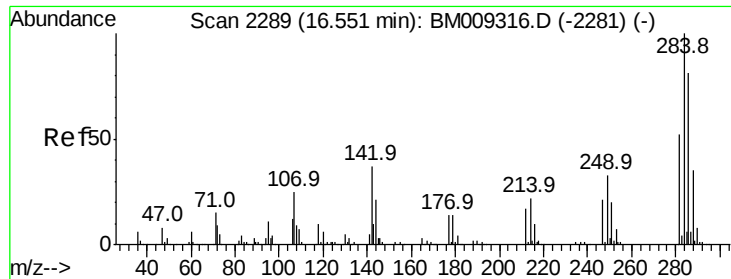
mohammad
 3/31/2017 8:21:43 AM



#66
 4-Bromophenyl-phenylether
 Concen: 49.30 ng
 RT: 16.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	341148		
250	99.8		77.4	116.0
141	69.7		45.2	67.8#





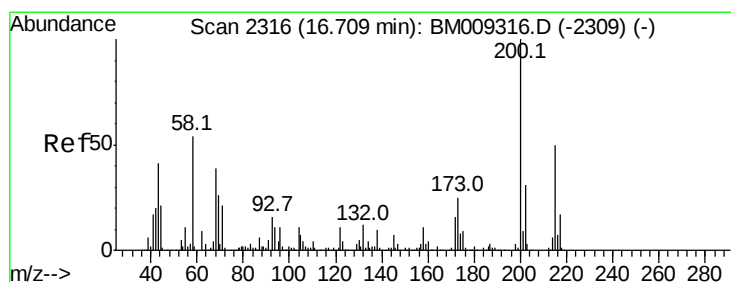
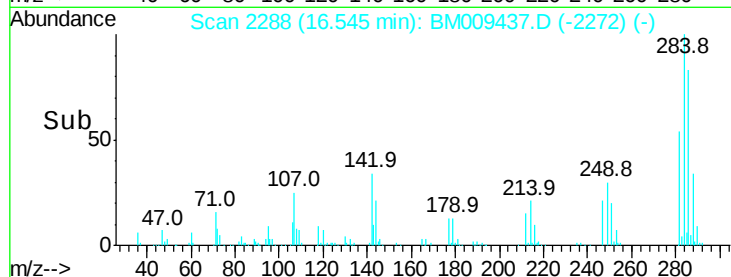
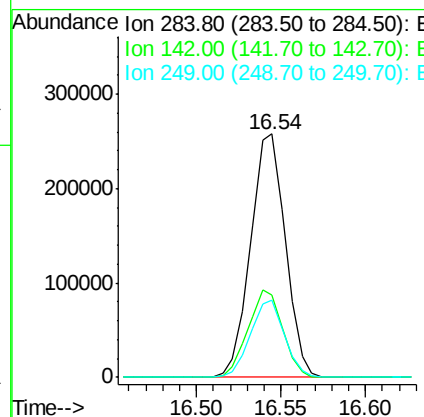
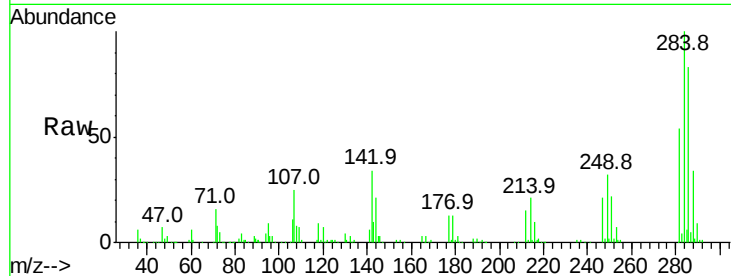
#67
Hexachlorobenzene
Concen: 48.94 ng
RT: 16.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	371168		
142	34.0	20.4	30.6	
249	31.7	23.8	35.6	

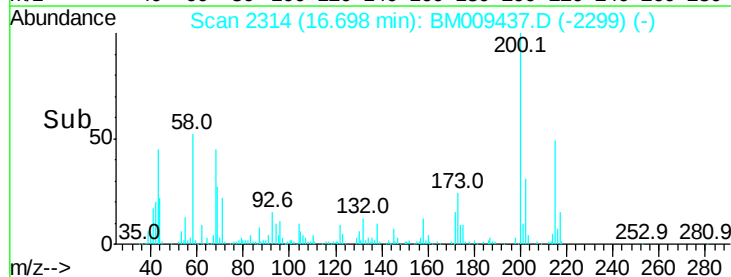
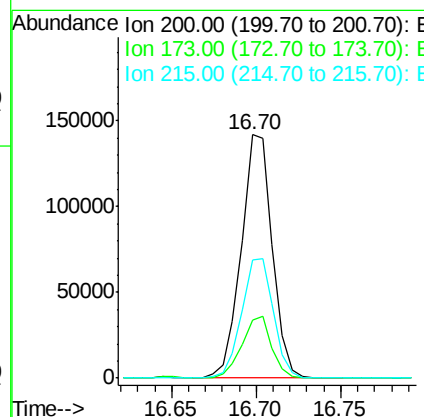
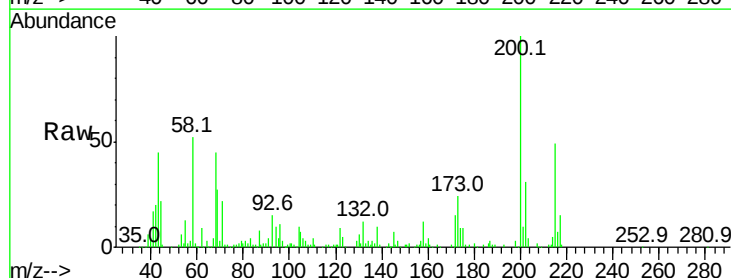
Manual Integrations
APPROVED

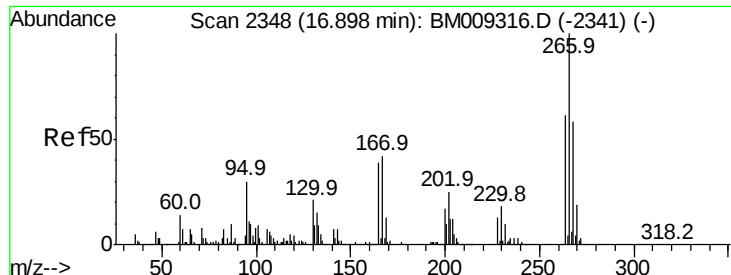
mohammad
3/31/2017 8:21:43 AM



#68
Atrazine
Concen: 26.60 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	181468		
173	24.0	4.8	44.8	
215	48.8	26.9	66.9	





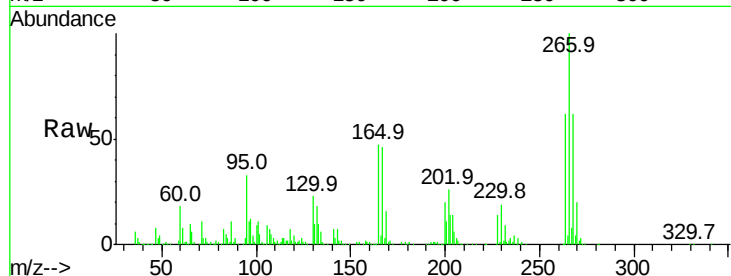
#69
 Pentachlorophenol
 Concen: 96.19 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.3	52.0	78.0	
264	62.3	49.0	73.4	

Manual Integrations
 APPROVED

mohammad
 3/31/2017 8:21:43 AM

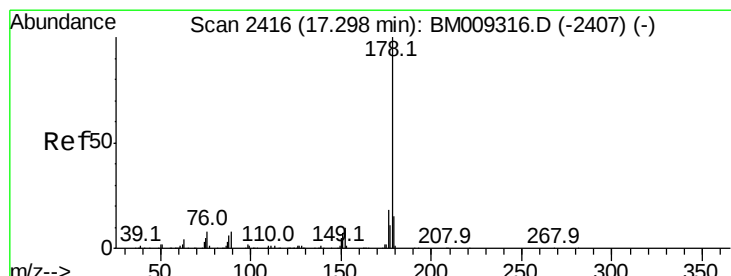
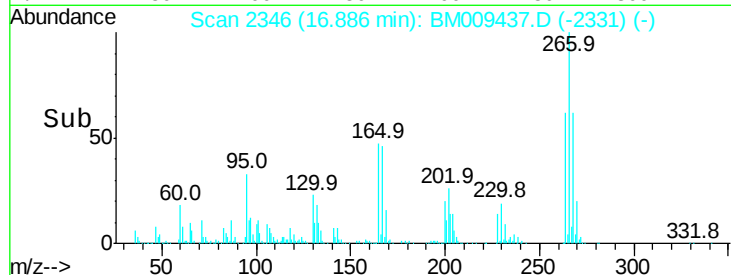
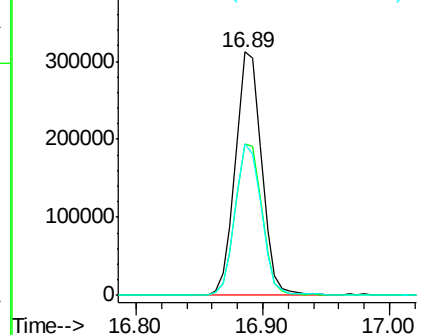


Abundance

Ion 265.70 (265.40 to 266.40): E

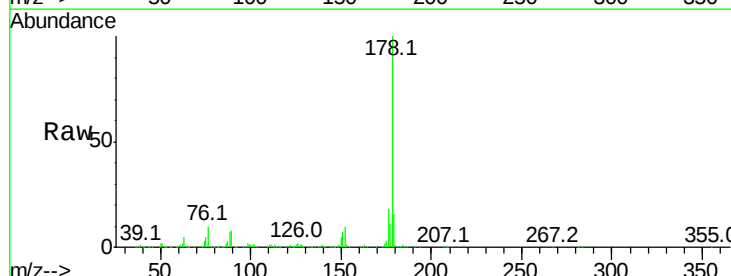
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 48.81 ng
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.2	15.2	22.8	
179	15.6	12.1	18.1	

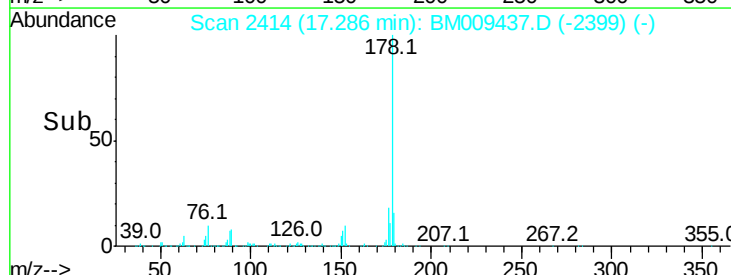
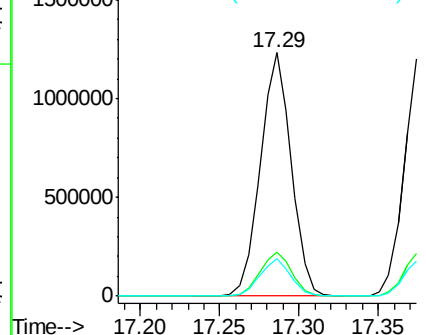


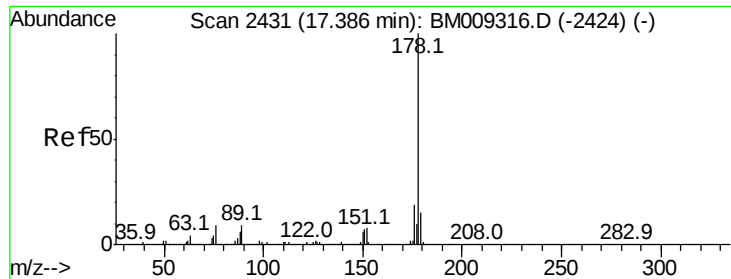
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





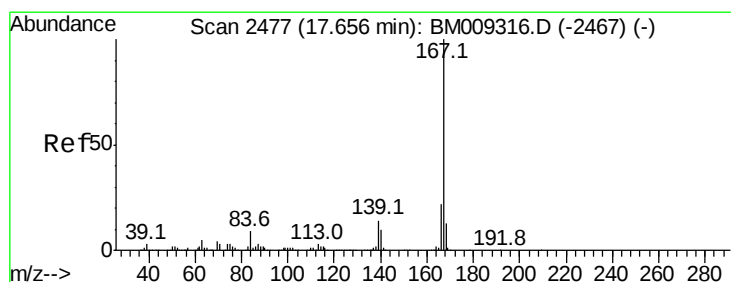
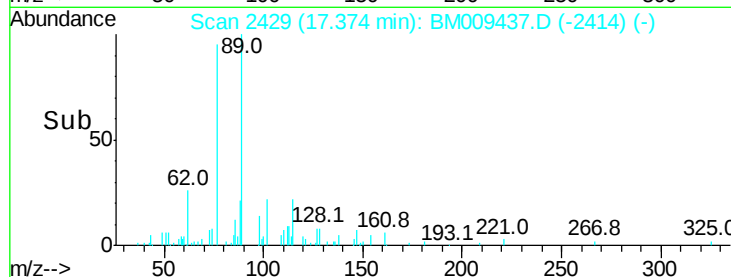
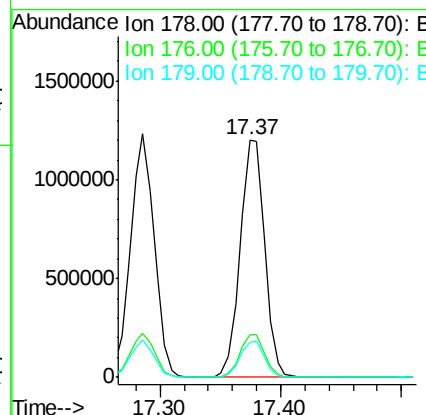
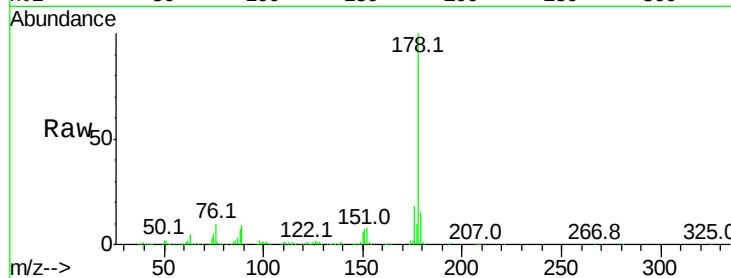
#71
 Anthracene
 Concen: 49.34 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

Tot Ion:178 Resp: 1706089
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.6 22.0
 179 14.9 12.6 19.0

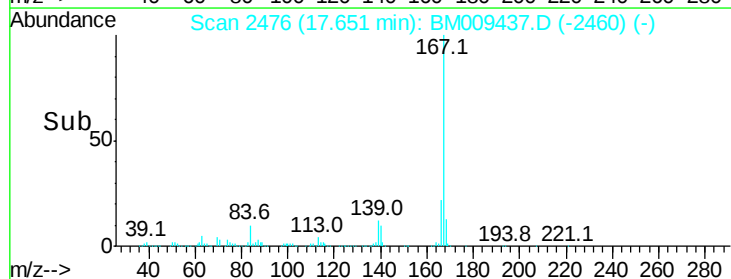
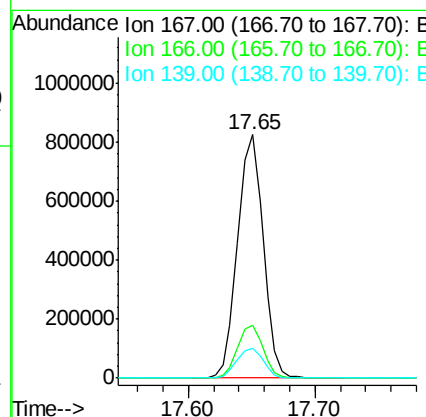
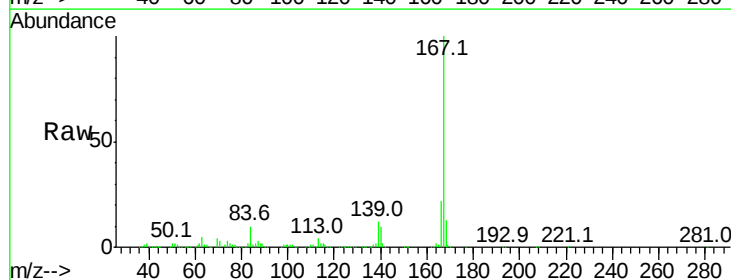
Manual Integrations
 APPROVED

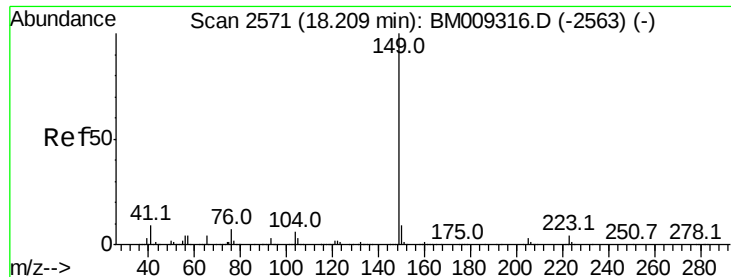
mohammad
 3/31/2017 8:21:43 AM



#72
 Carbazole
 Concen: 34.86 ng
 RT: 17.65 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion:167 Resp: 1154401
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 52.29 ng

RT: 18.20 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

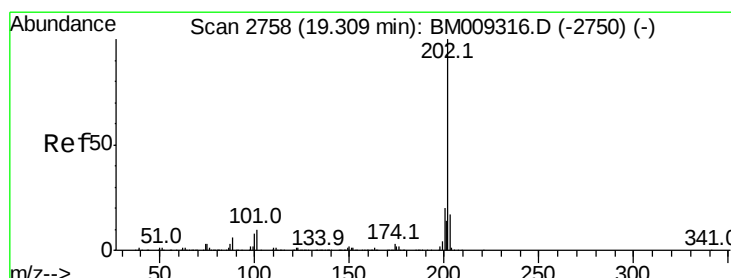
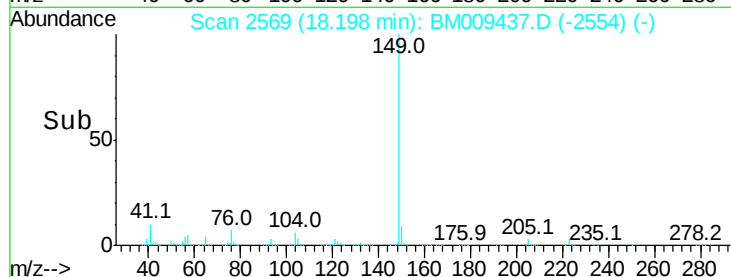
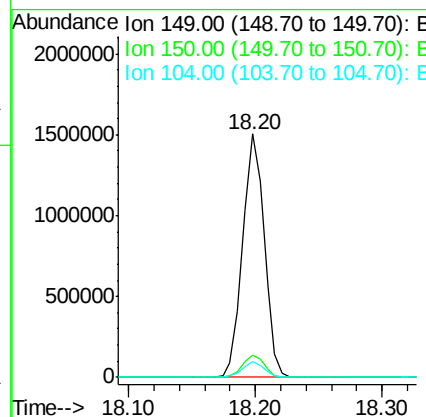
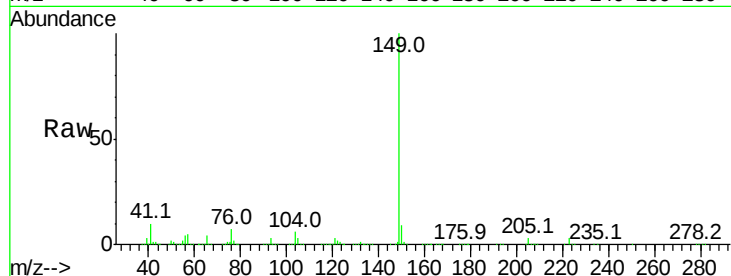
ClientSampleId :

HSP-01MS

Tot Ion:	149	Resp:	1768533
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.5	11.3
104	6.4	3.7	5.5

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#74

Fluoranthene

Concen: 48.54 ng

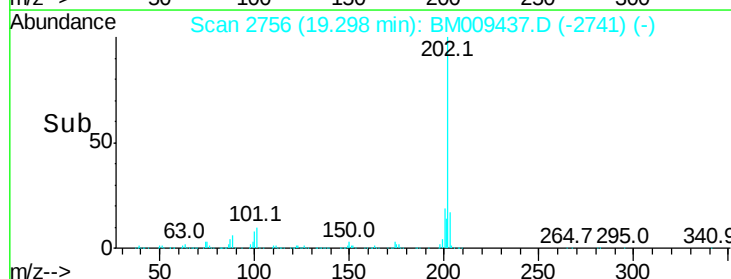
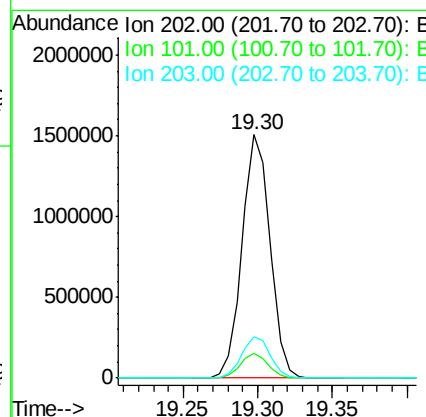
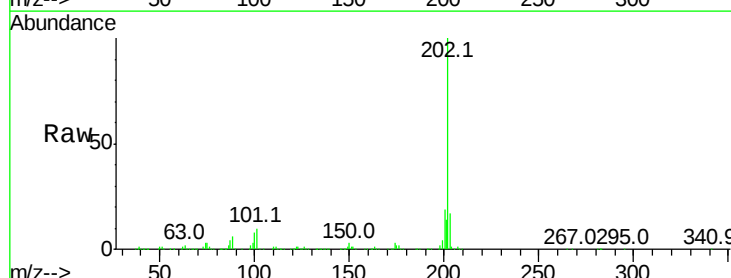
RT: 19.30 min Scan# 2756

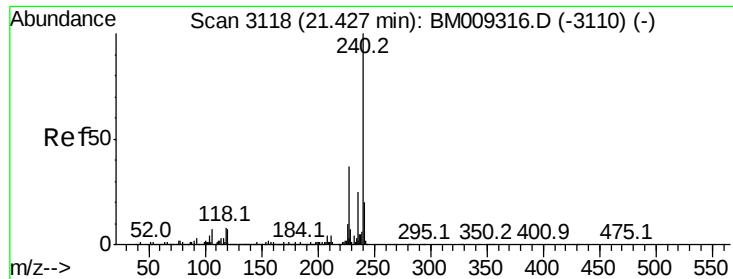
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion:	202	Resp:	1963320
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	28.7
203	17.1	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

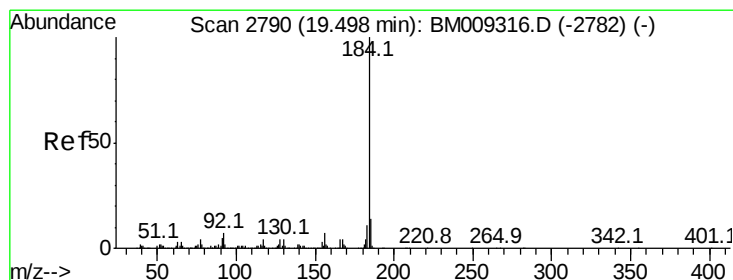
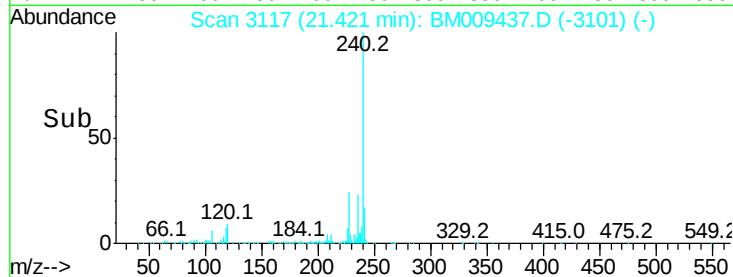
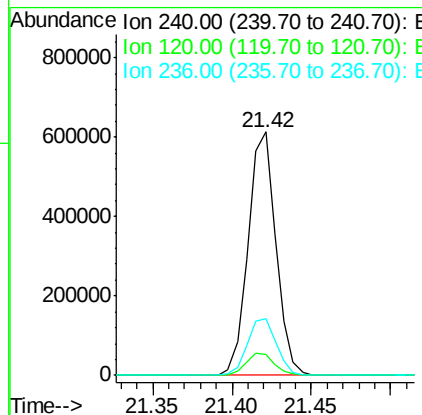
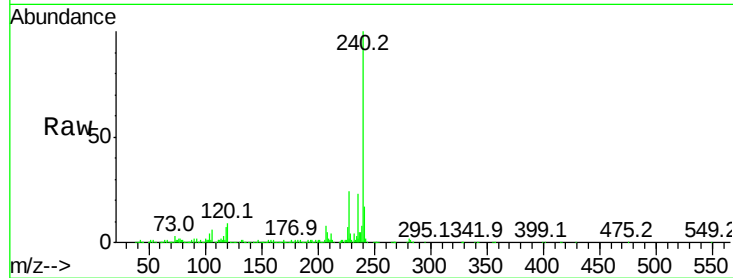
ClientSampleId :

HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	744543		
120	8.6		8.2	12.2
236	23.4		20.0	30.0

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#76

Benzidine

Concen: 2.93 ng

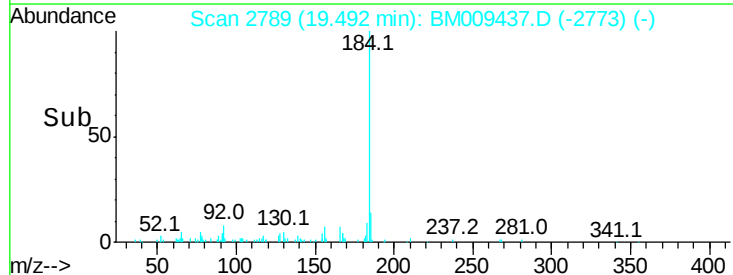
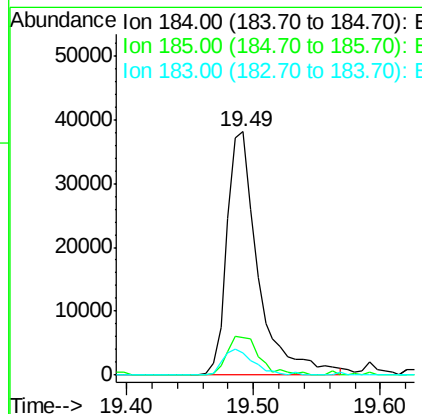
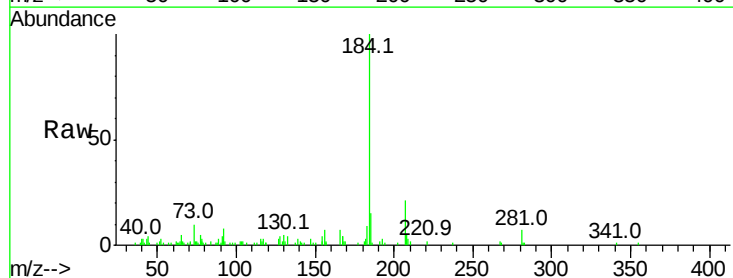
RT: 19.49 min Scan# 2789

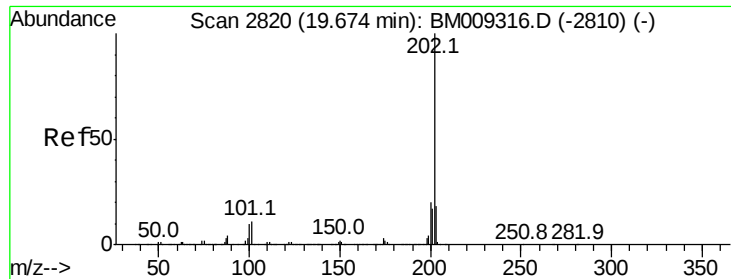
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	65009		
185	15.5		11.3	16.9
183	9.4		8.9	13.3





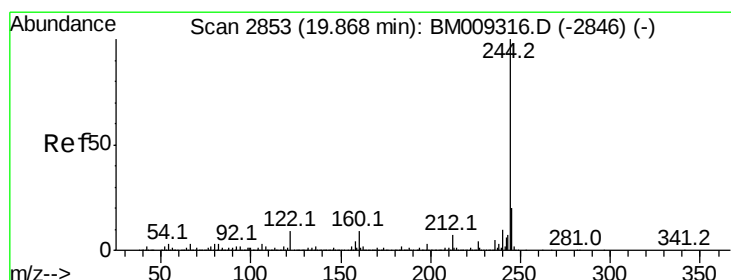
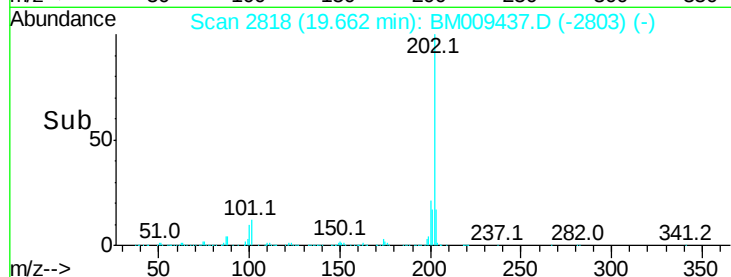
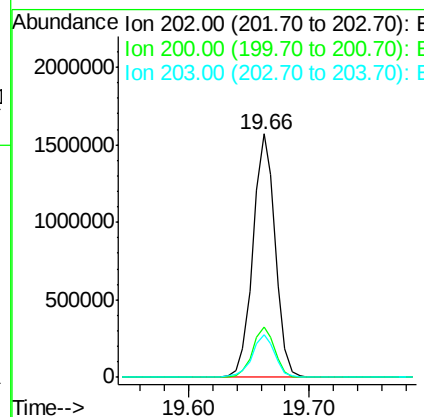
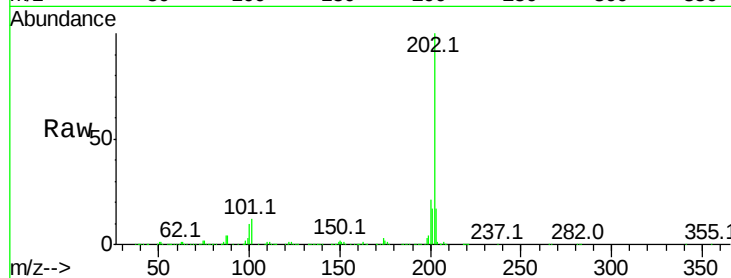
#77
Pvrene
Concen: 47.80 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.4	14.1	21.1

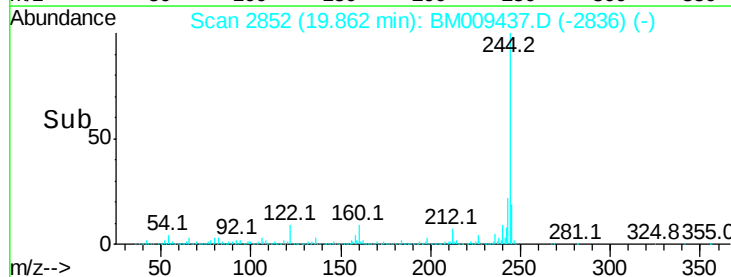
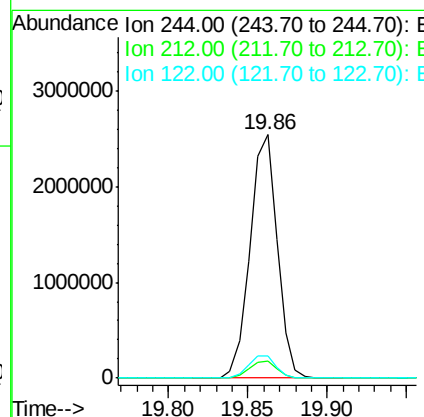
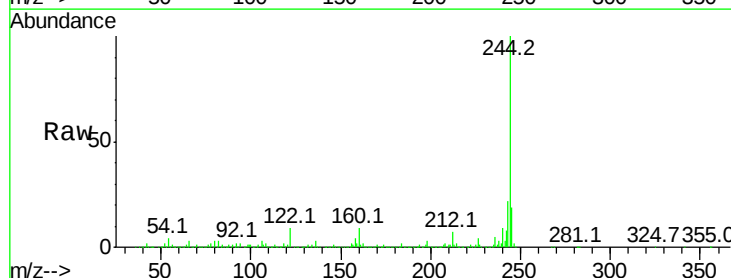
Manual Integrations
APPROVED

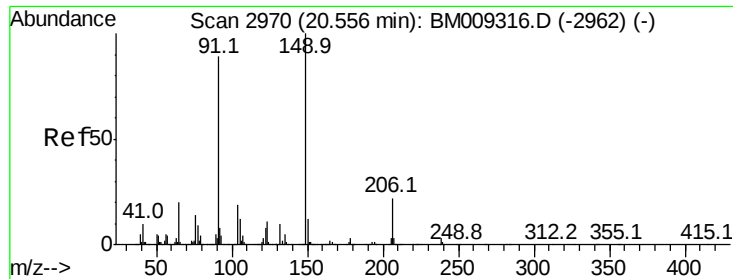
mohammad
3/31/2017 8:21:43 AM



#78
Terphenyl-d14
Concen: 84.94 ng
RT: 19.86 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	8.9	6.2	9.4





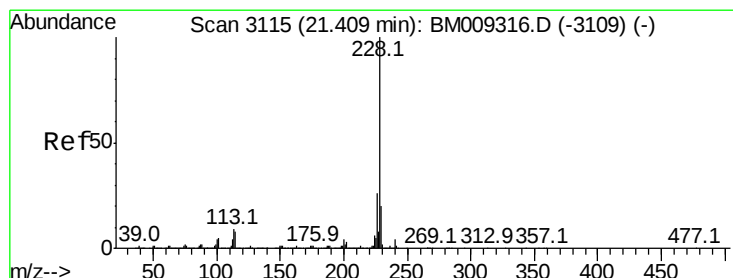
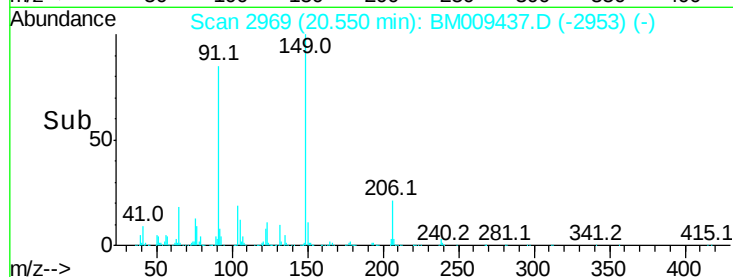
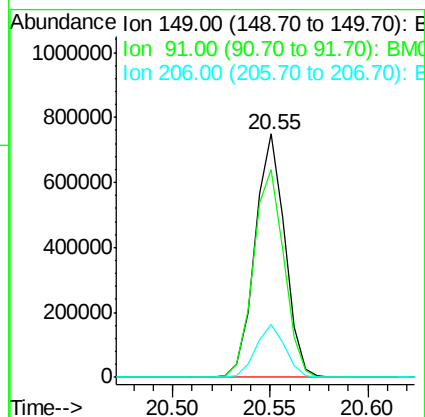
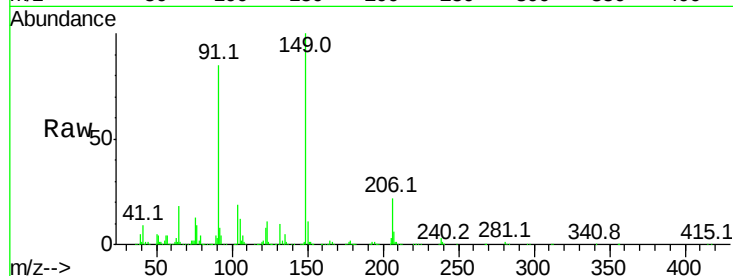
#79
Butylbenzylphthalate
Concen: 51.98 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	790396		
91	85.5	50.1	75.1#	
206	21.5	16.2	24.2	

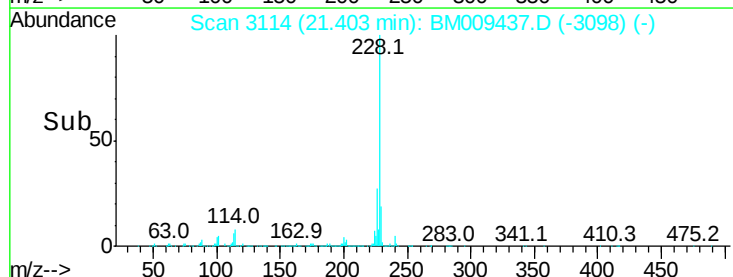
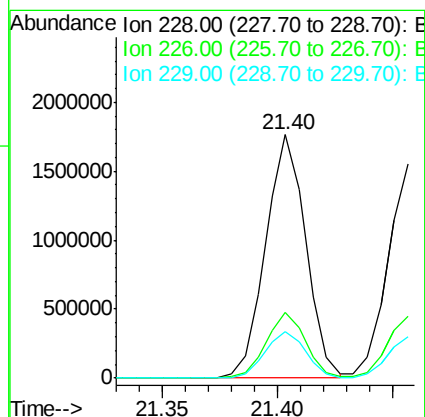
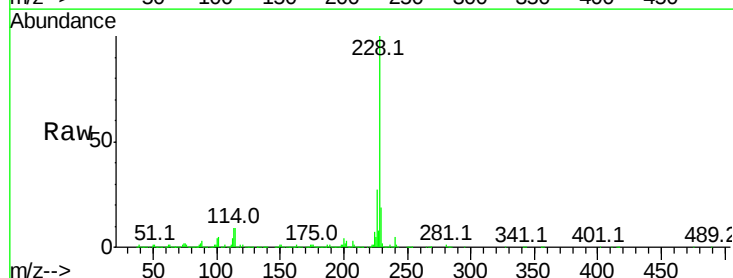
Manual Integrations
APPROVED

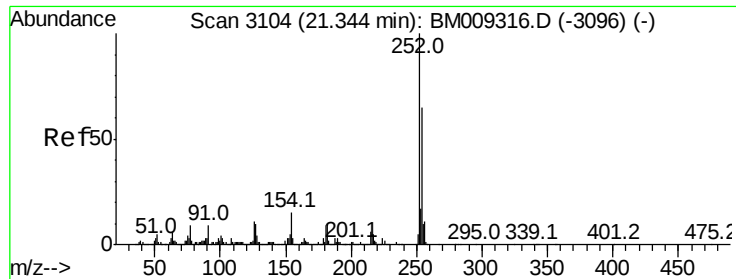
mohammad
3/31/2017 8:21:43 AM



#80
Benzo(a)anthracene
Concen: 48.92 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2127350		
226	26.8	21.7	32.5	
229	19.3	16.0	24.0	





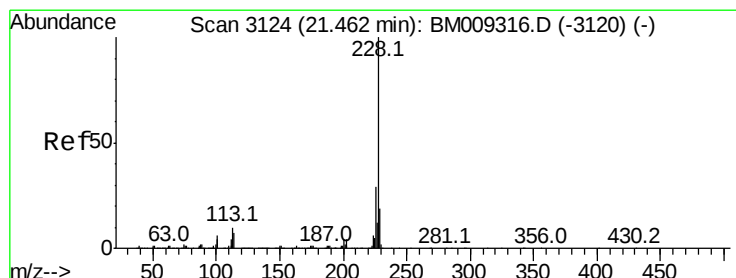
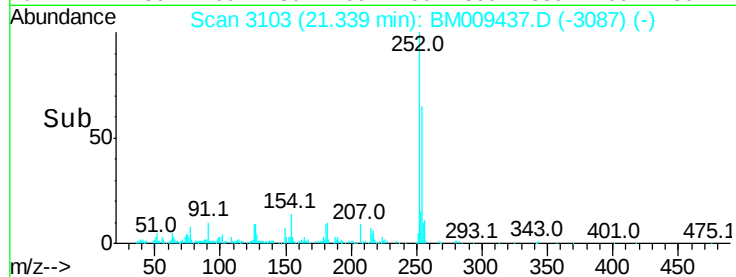
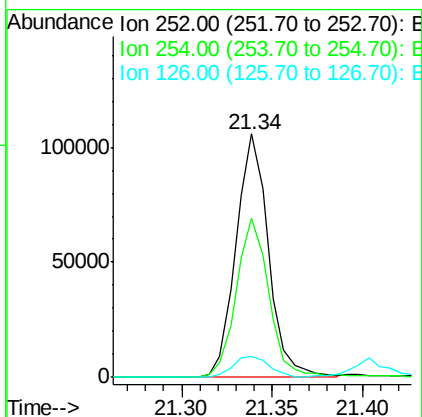
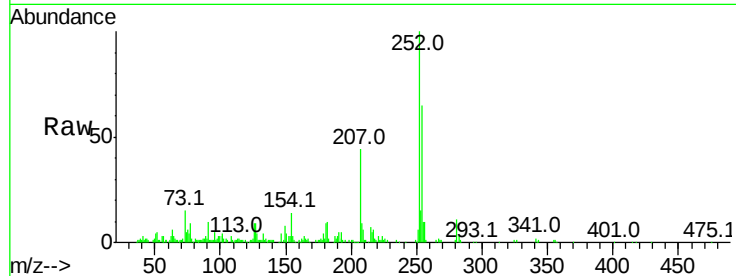
#81
 3,3'-Dichlorobenzidine
 Concen: 8.10 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	8.7	9.8	14.8

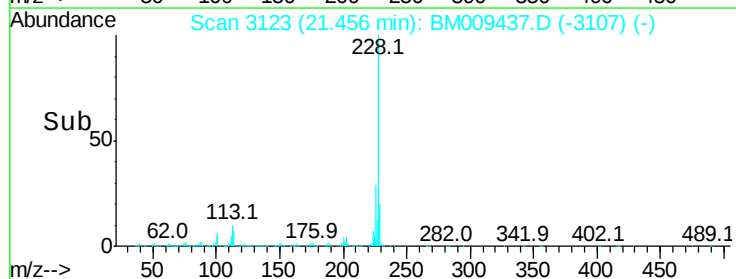
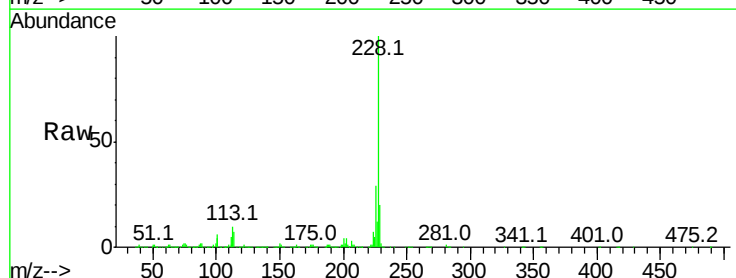
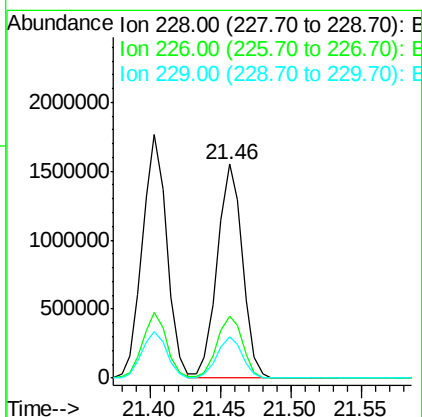
Manual Integrations
 APPROVED

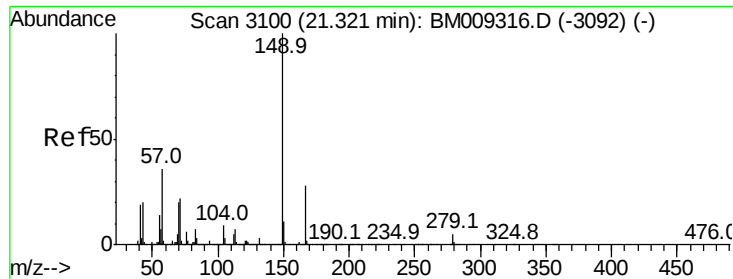
mohammad
 3/31/2017 8:21:43 AM



#82
 Chrysene
 Concen: 46.37 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009437.D
 Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.1	36.1
229	19.6	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.40 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

Tot Ion:149 Resp: 1166404

Ion Ratio Lower Upper

149 100

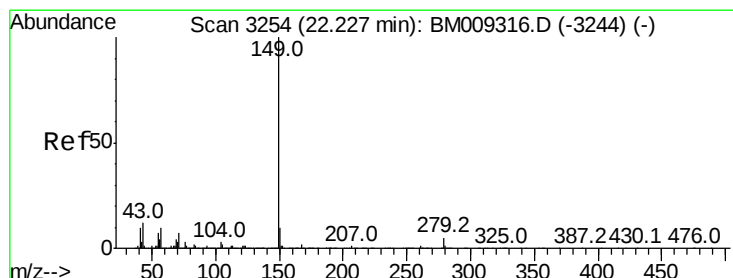
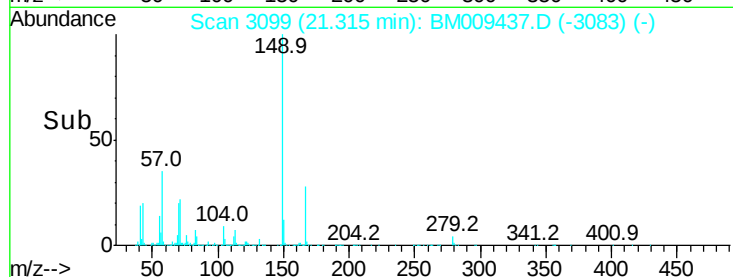
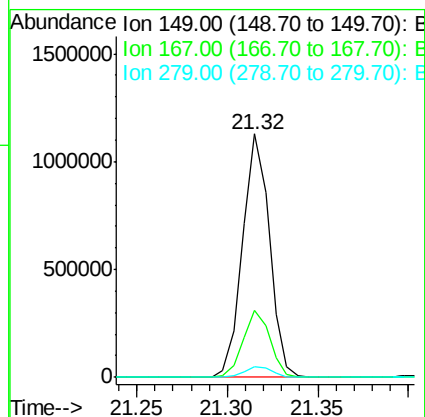
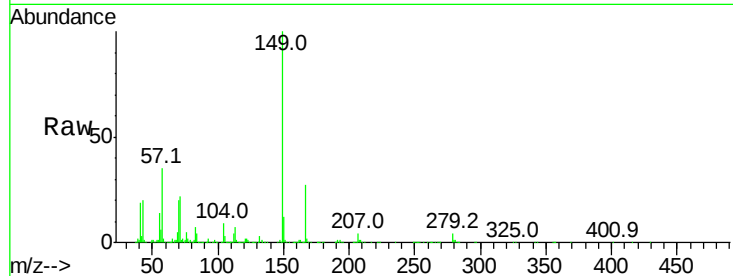
167 27.5 22.4 33.6

279 4.2 3.4 5.0

Manual Integrations
APPROVED

mohammad

3/31/2017 8:21:43 AM



#84

Di-n-octyl phthalate

Concen: 52.80 ng

RT: 22.22 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

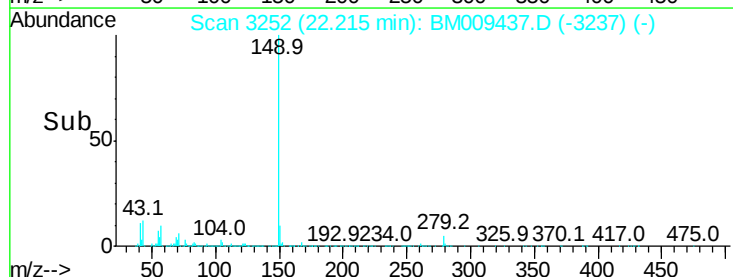
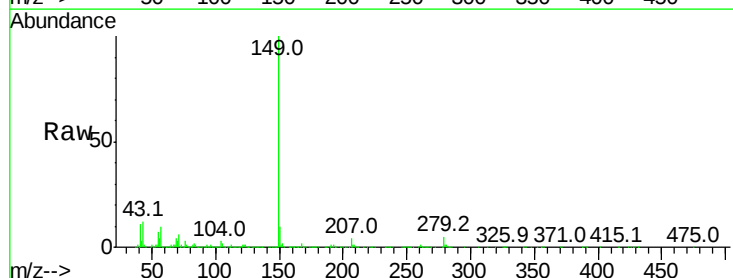
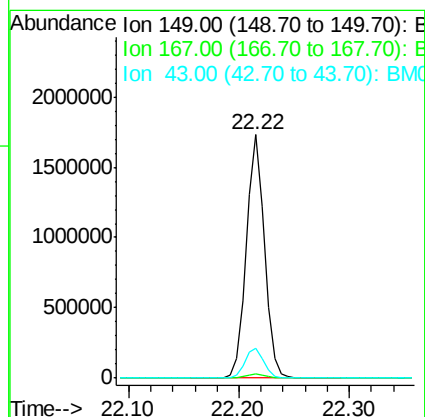
Tgt Ion:149 Resp: 1993962

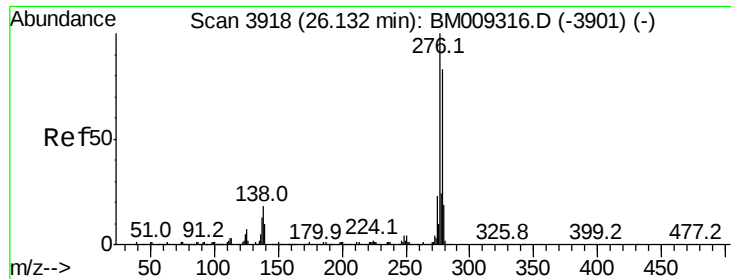
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.9 7.3 10.9#





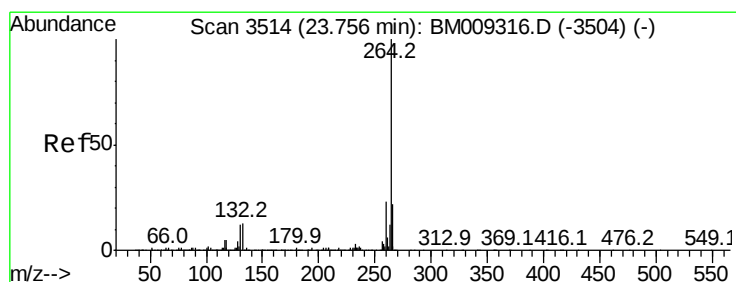
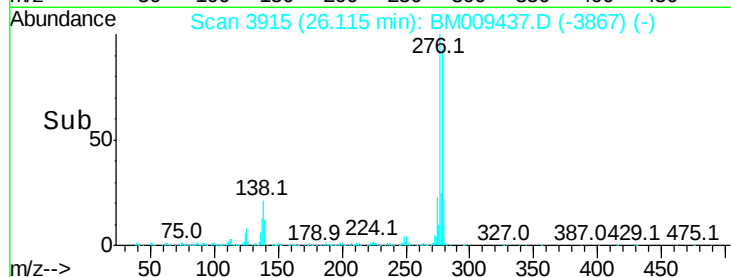
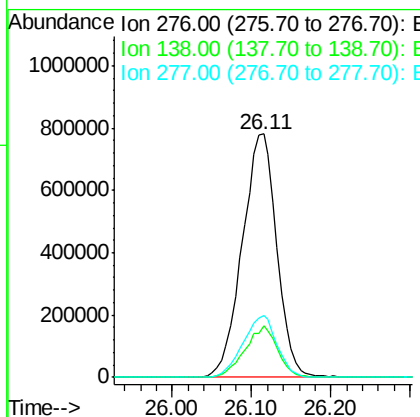
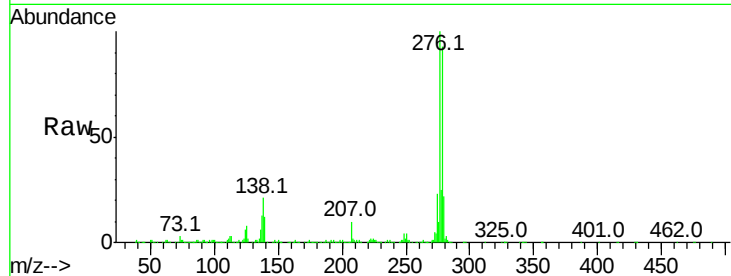
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.17 ng
RT: 26.11 min Scan# 3915
Delta R.T. -0.02 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampled :
HSP-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	0.0	0.0#
277	25.0	0.0	0.0#

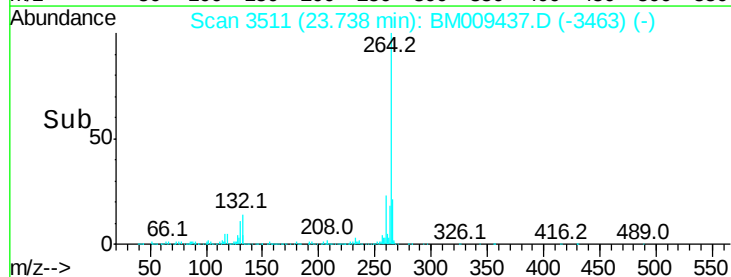
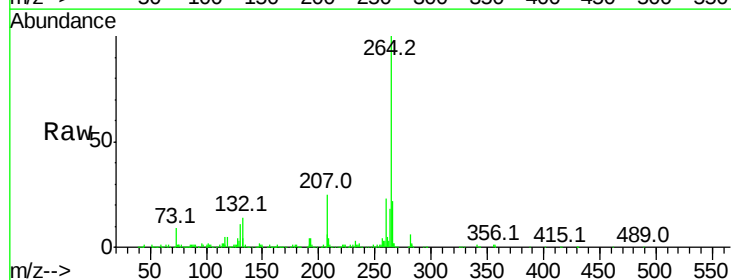
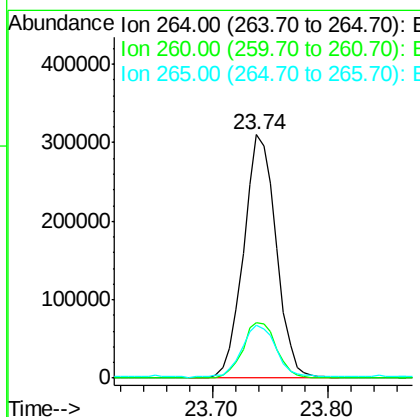
Manual Integrations
APPROVED

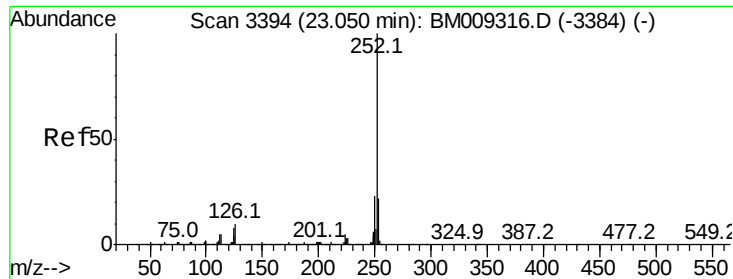
mohammad
3/31/2017 8:21:43 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 56.08 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

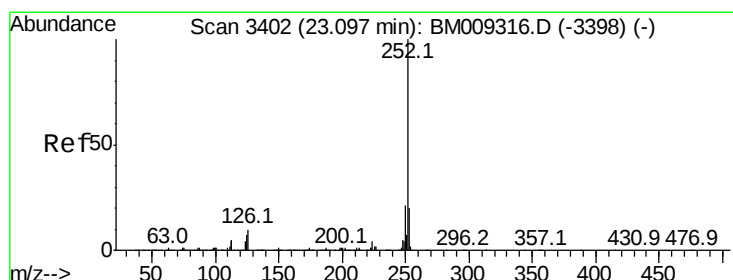
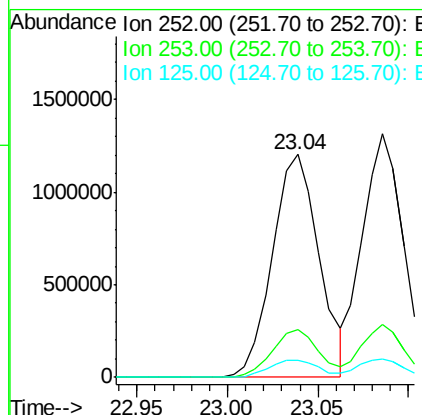
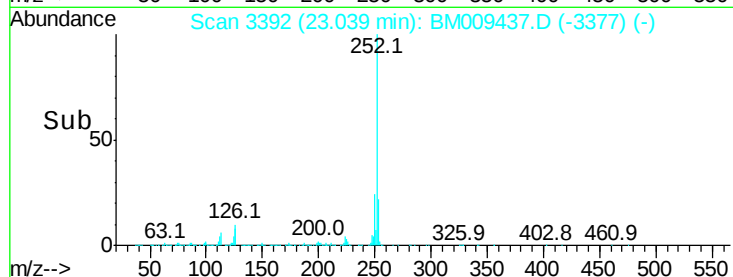
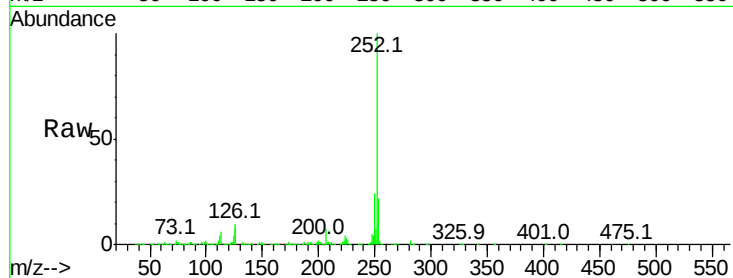
ClientSampleId :

HSP-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	7.9	9.9	14.9#

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:43 AM



#88

Benzo(k)fluoranthene

Concen: 55.51 ng

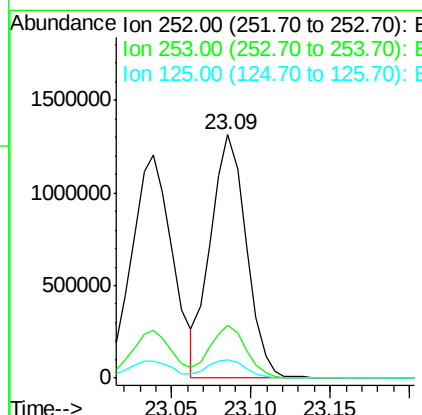
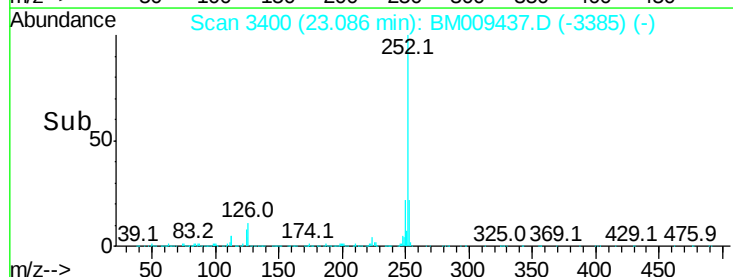
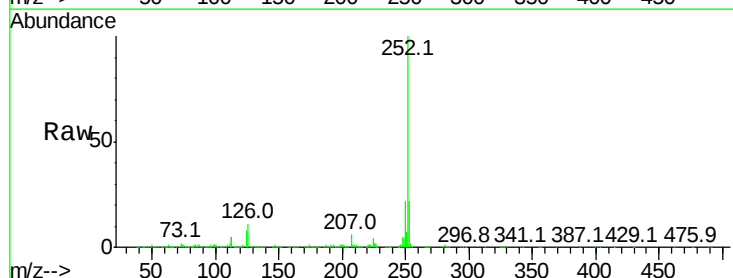
RT: 23.09 min Scan# 3400

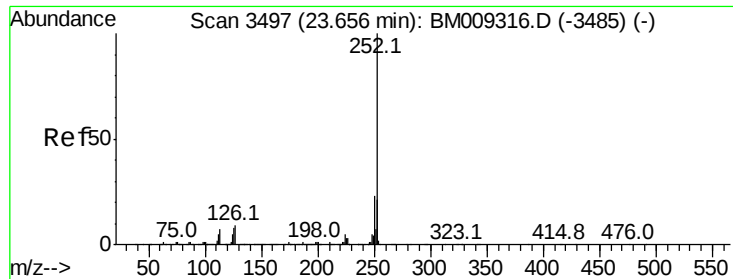
Delta R.T. -0.01 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	7.7	8.1	12.1#





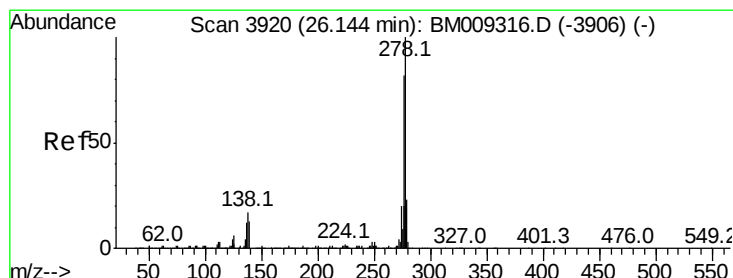
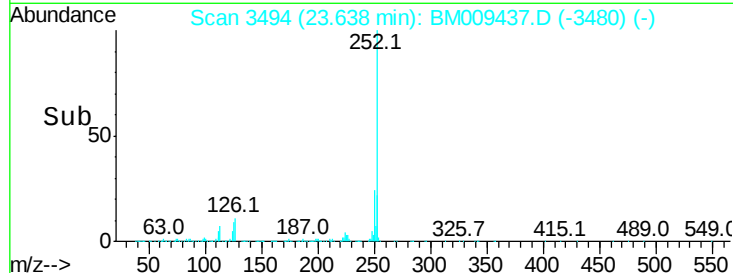
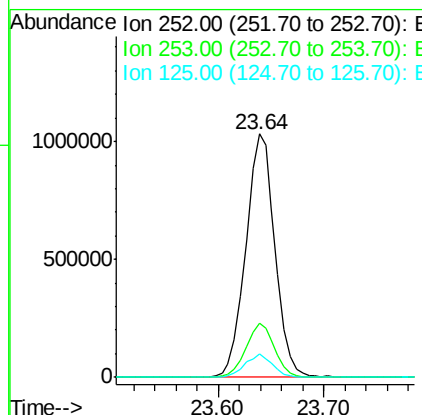
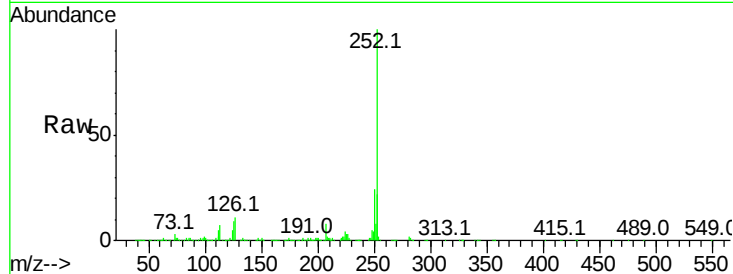
#89
Benzo(a)pyrene
Concen: 55.14 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Instrument :
BNA_M
ClientSampled :
HSP-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.5	7.4	11.2

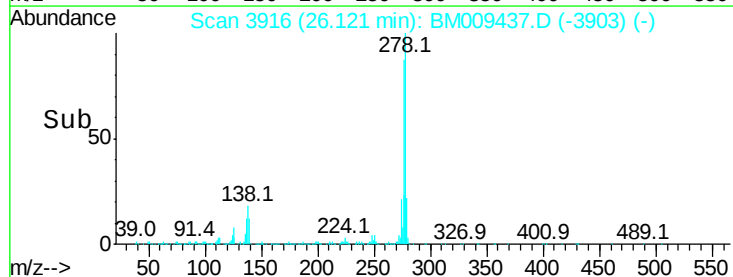
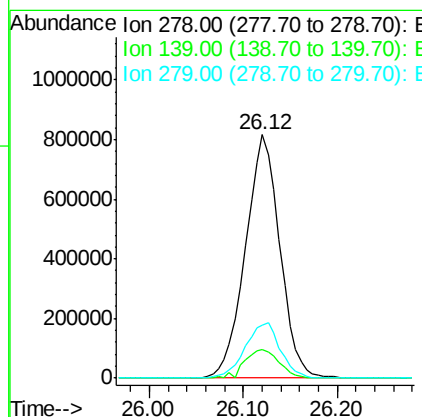
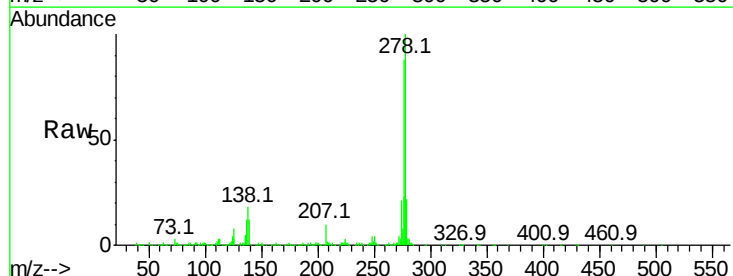
Manual Integrations
APPROVED

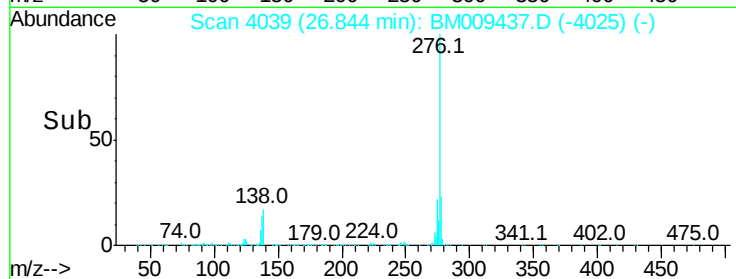
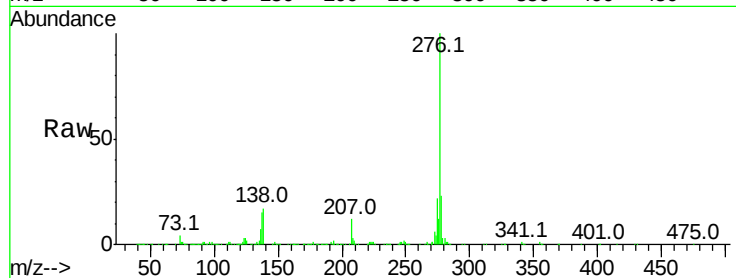
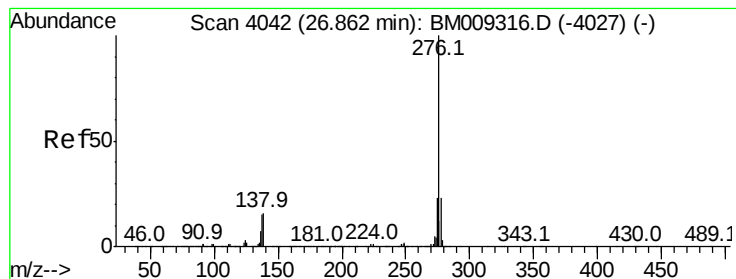
mohammad
3/31/2017 8:21:43 AM



#90
Dibenzo(a,h)anthracene
Concen: 59.13 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009437.D
Acq: 29 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	13.4	20.0#
279	21.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 56.79 ng

RT: 26.84 min Scan# 4039

Delta R.T. -0.02 min

Lab File: BM009437.D

Acq: 29 Mar 2017 17:59

Instrument :

BNA_M

ClientSampleId :

HSP-01MS

Tot Ion: 276 Resp: 1939483

Ion Ratio Lower Upper

276 100

277 22.7 18.5 27.7

138 17.0 19.0 28.6#

Manual Integrations

APPROVED

mohammad

3/31/2017 8:21:43 AM

