

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
 Data File : BM018693.D
 Acq On : 30 Jan 2019 13:33
 Operator : JU/SJ
 Sample : PB116705BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116705BS

Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:04 AM

Quant Time: Jan 30 14:19:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	270778	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	1023500	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	523077	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1021183	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	868052	20.00	ng	-0.01
87) Perylene-d12	23.59	264	875734	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2050112	139.80	ng	-0.01
7) Phenol-d6	6.90	99	2513190	134.93	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1380279	78.18	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	864427	129.79	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3261172	81.35	ng	-0.02
79) Terphenyl-d14	19.76	244	3815321	92.65	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	214452	35.880	ng	97
3) Pyridine	3.66	79	551308	36.998	ng	98
4) n-Nitrosodimethylamine	3.58	42	277721	45.071	ng	# 94
6) Aniline	7.06	93	694806	33.442	ng	98
8) 2-Chlorophenol	7.29	128	701965	40.986	ng	95
9) Benzaldehyde	6.88	77	146918	11.274	ng	99
10) Phenol	6.93	94	748566	39.551	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	559708	37.636	ng	96
12) 1,3-Dichlorobenzene	7.61	146	766599	37.585	ng	98
13) 1,4-Dichlorobenzene	7.76	146	785332	37.988	ng	99
14) 1,2-Dichlorobenzene	8.07	146	744846	37.998	ng	98
15) Benzyl Alcohol	7.97	79	522031	38.805	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	715321	37.638	ng	93
17) 2-Methylphenol	8.17	107	509786	39.680	ng	98
18) Hexachloroethane	8.79	117	275948	37.437	ng	98
19) n-Nitroso-di-n-propylamine	8.53	70	429113	35.402	ng	93
20) 3+4-Methylphenols	8.50	107	682035	38.456	ng	96
22) Acetophenone	8.55	105	914483	36.119	ng	# 97
24) Nitrobenzene	8.93	77	667189	38.407	ng	97
25) Isophorone	9.45	82	1115004	41.705	ng	98
26) 2-Nitrophenol	9.63	139	348342	41.470	ng	97
27) 2,4-Dimethylphenol	9.69	122	568387	45.145	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	728993	39.471	ng	97
29) 2,4-Dichlorophenol	10.16	162	601497	40.121	ng	100
30) 1,2,4-Trichlorobenzene	10.37	180	708092	38.052	ng	99
31) Naphthalene	10.56	128	2017563	40.931	ng	99
32) Benzoic acid	9.83	122	368787m	44.113	ng	
33) 4-Chloroaniline	10.69	127	323110	16.644	ng	99
34) Hexachlorobutadiene	10.83	225	435452	37.041	ng	99
35) Caprolactam	11.49	113	147519m	28.941	ng	
36) 4-Chloro-3-methylphenol	11.81	107	585120	37.201	ng	98
37) 2-Methylnaphthalene	12.18	142	1433935	41.174	ng	99
38) 1-Methylnaphthalene	12.40	142	1350776	40.085	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	745858	40.776	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
 Data File : BM018693.D
 Acq On : 30 Jan 2019 13:33
 Operator : JU/SJ
 Sample : PB116705BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116705BS

Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:04 AM

Quant Time: Jan 30 14:19:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	980335	97.652	ng	99
43) 2,4,6-Trichlorophenol	12.80	196	466154	41.966	ng	100
44) 2,4,5-Trichlorophenol	12.87	196	485873	41.591	ng	99
46) 1,1'-Biphenyl	13.20	154	1763740	38.617	ng	99
47) 2-Chloronaphthalene	13.25	162	1369448	38.666	ng	100
48) 2-Nitroaniline	13.46	65	320217	36.750	ng	95
49) Acenaphthylene	14.10	152	2131032	41.288	ng	100
50) Dimethylphthalate	13.84	163	1565973	36.453	ng	99
51) 2,6-Dinitrotoluene	13.96	165	341823	37.564	ng	95
52) Acenaphthene	14.44	154	1220297	38.641	ng	99
53) 3-Nitroaniline	14.30	138	194964	21.252	ng	97
54) 2,4-Dinitrophenol	14.50	184	323311	66.925	ng	90
55) Dibenzofuran	14.77	168	1936790	37.118	ng	99
56) 4-Nitrophenol	14.60	139	536319	67.671	ng	96
57) 2,4-Dinitrotoluene	14.75	165	452495	35.145	ng	100
58) Fluorene	15.43	166	1516246	39.008	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	414691	40.048	ng	98
60) Diethylphthalate	15.20	149	1532674	35.341	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	789895	35.258	ng	98
62) 4-Nitroaniline	15.46	138	277812	27.763	ng	99
63) Azobenzene	15.72	77	1271872	35.971	ng	97
65) 4,6-Dinitro-2-methylphenol	15.51	198	219164	35.281	ng	92
66) n-Nitrosodiphenylamine	15.64	169	1292584	40.806	ng	99
67) 4-Bromophenyl-phenylether	16.32	248	459075	40.172	ng	98
68) Hexachlorobenzene	16.42	284	503304	39.342	ng	97
69) Atrazine	16.60	200	432415	37.760	ng	98
70) Pentachlorophenol	16.77	266	571963	68.266	ng	98
71) Phenanthrene	17.17	178	2200683	40.516	ng	99
72) Anthracene	17.26	178	2221694	42.536	ng	100
73) Carbazole	17.53	167	1884194	35.112	ng	99
74) Di-n-butylphthalate	18.09	149	2275246	38.708	ng	100
75) Fluoranthene	19.19	202	2312008	36.920	ng	98
77) Benzidine	19.39	184	879063	41.014	ng	100
78) Pyrene	19.55	202	2343936	45.554	ng	99
80) Butylbenzylphthalate	20.46	149	908203	41.365	ng	99
81) Benzo(a)anthracene	21.30	228	2120148	41.459	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	600026	31.029	ng	100
83) Chrysene	21.36	228	2010715	40.718	ng	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1272660	40.141	ng	99
85) Di-n-octyl phthalate	22.12	149	2095735	39.302	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.89	276	2636696	46.305	ng	97
88) Benzo(b)fluoranthene	22.90	252	2066618	41.567	ng	99
89) Benzo(k)fluoranthene	22.95	252	2033230	40.580	ng	98
90) Benzo(a)pyrene	23.49	252	2044170	42.947	ng	98
91) Dibenzo(a,h)anthracene	25.90	278	2227050	46.178	ng	98
92) Benzo(g,h,i)perylene	26.60	276	2176247	46.370	ng	97

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

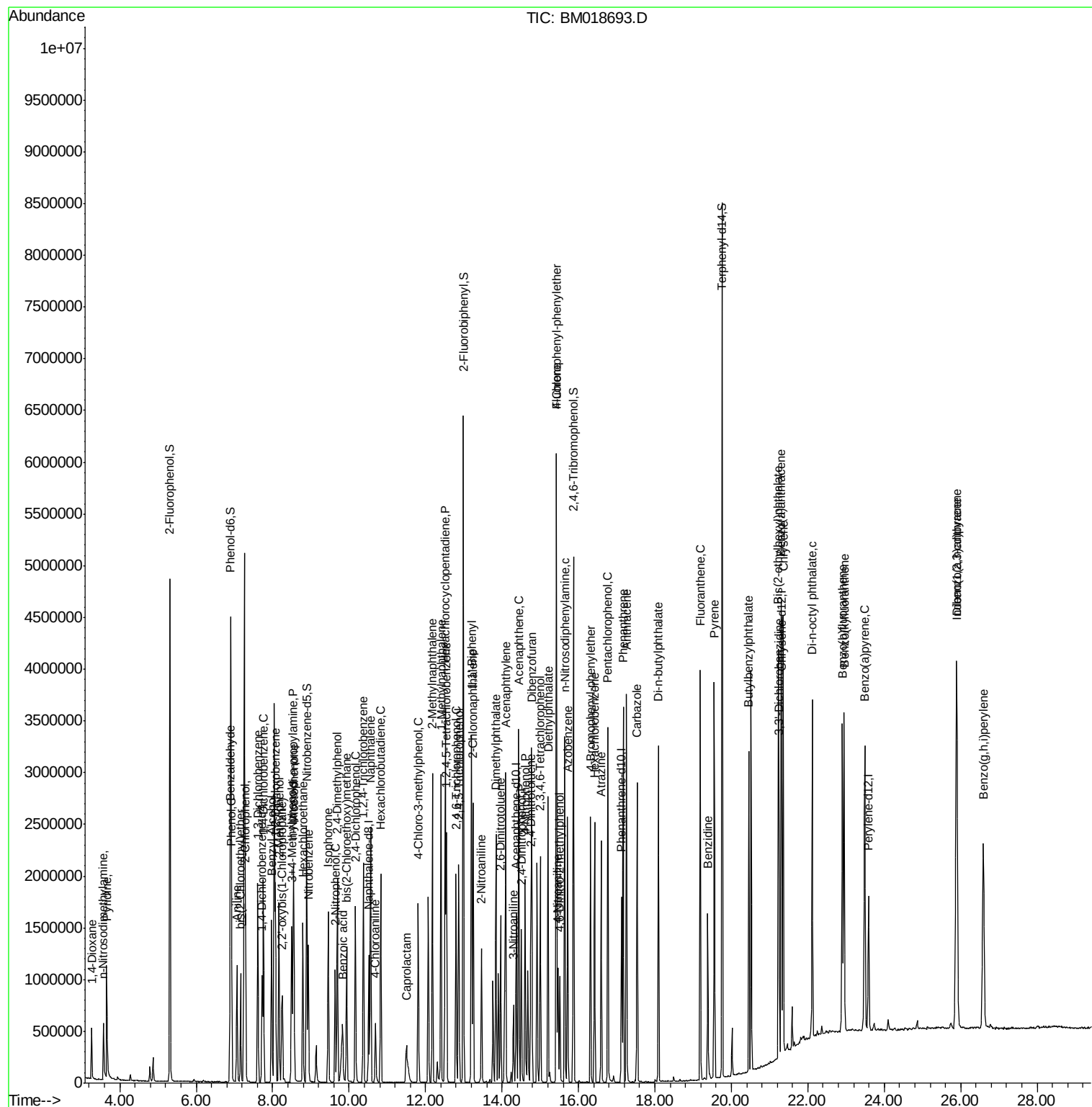
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
Data File : BM018693.D
Acq On : 30 Jan 2019 13:33
Operator : JU/SJ
Sample : PB116705BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

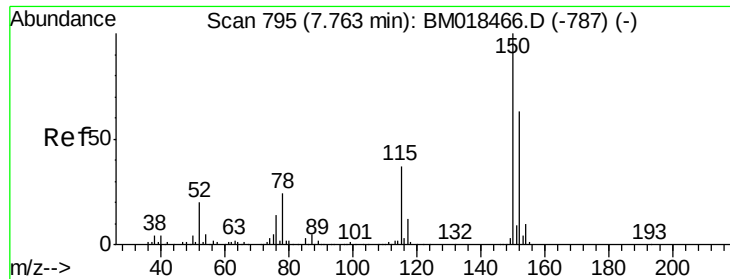
Instrument :
BNA_M
ClientSampleId :
PB116705BS

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM

Quant Time: Jan 30 14:19:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration





#1

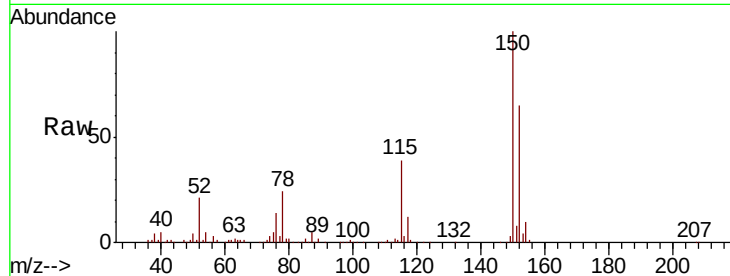
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.9	190.3
115	60.1	45.5	68.3

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM

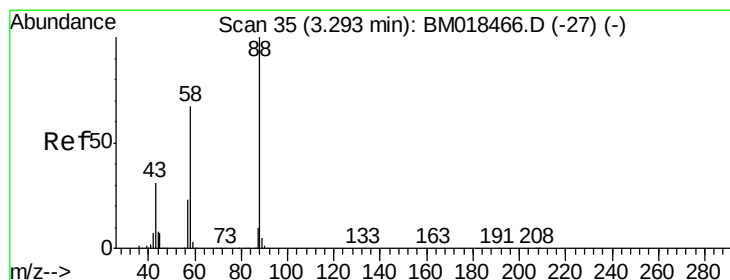
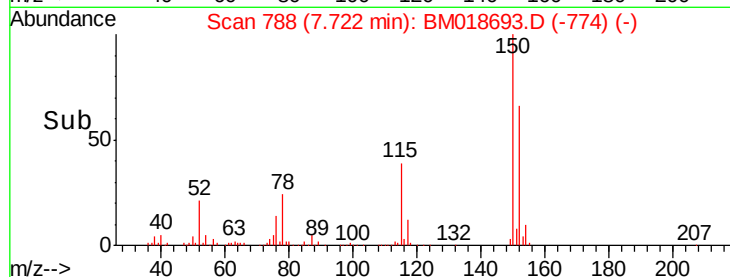
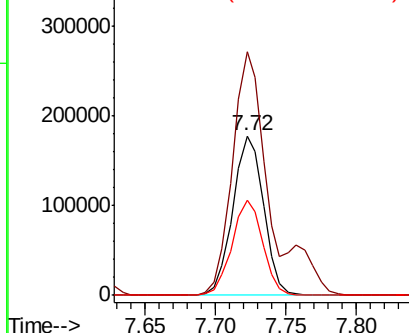


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

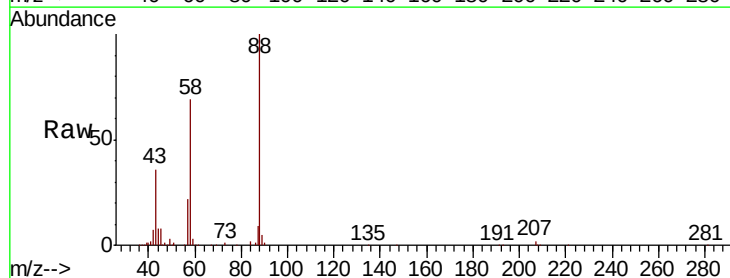
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.880 ng
RT: 3.26 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	58.4	87.6
43	31.4	26.2	39.4

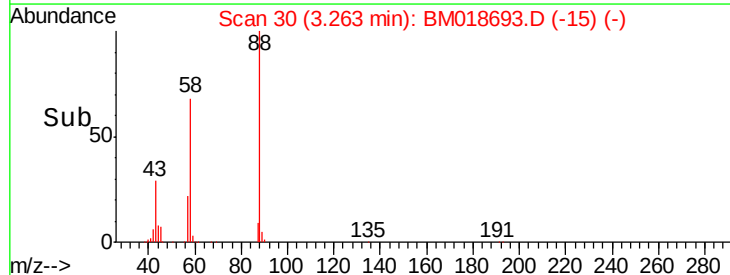
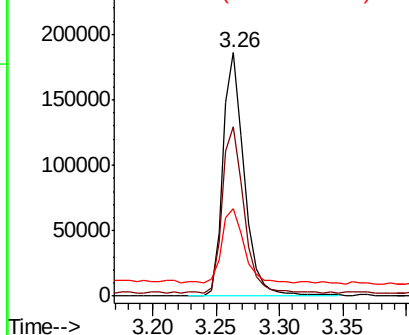


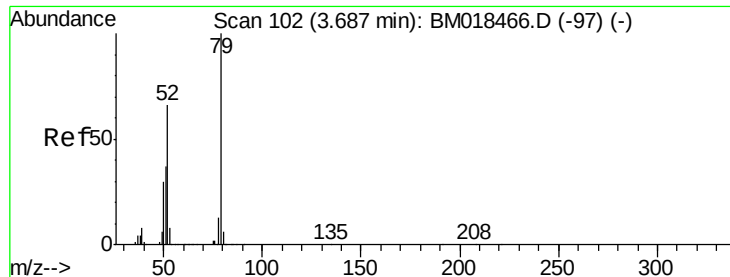
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 36.998 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

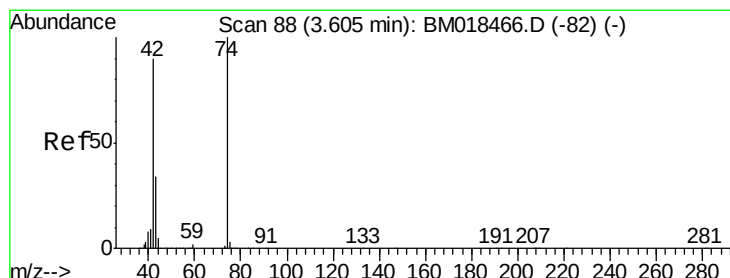
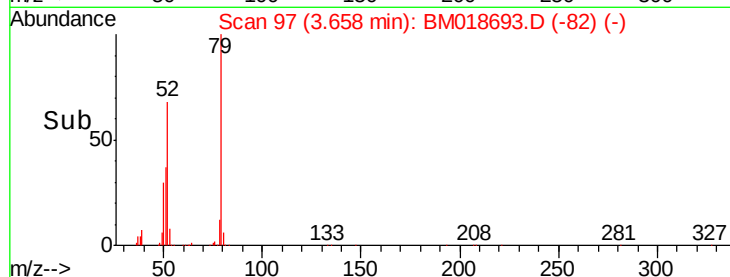
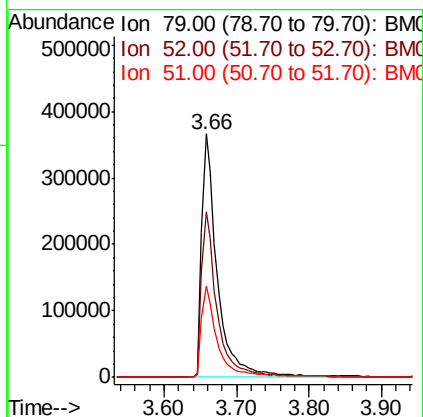
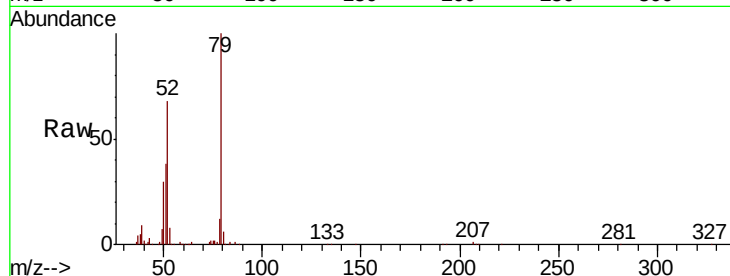
ClientSampleId :

PB116705BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.2	56.4	84.6
51	37.7	31.0	46.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



#4

n-Nitrosodimethylamine

Concen: 45.071 ng

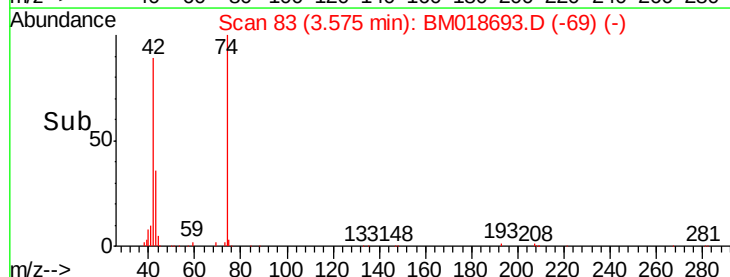
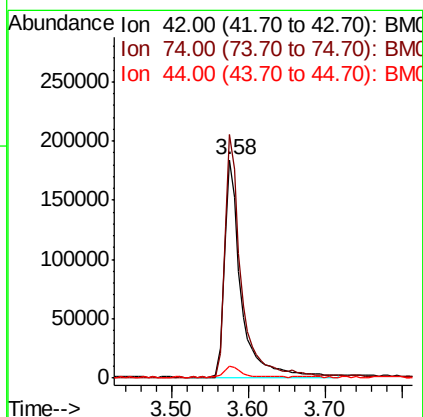
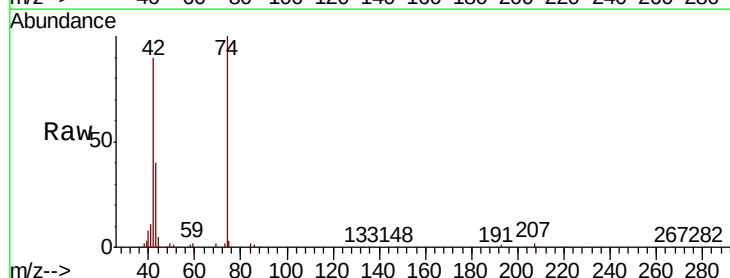
RT: 3.58 min Scan# 83

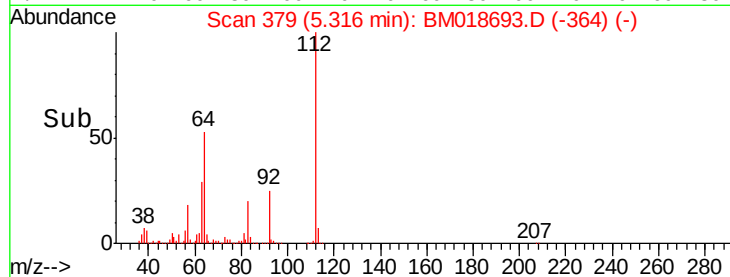
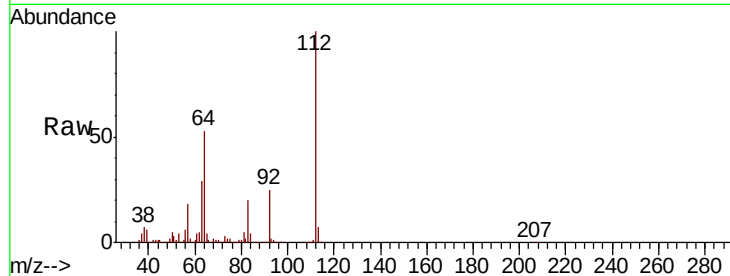
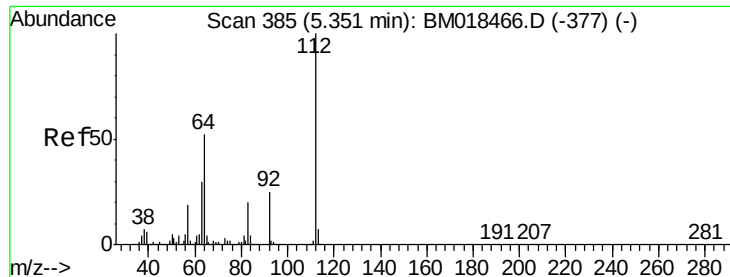
Delta R.T. -0.02 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.6	88.6	132.8
44	5.6	16.9	25.3#





#5

2-Fluorophenol

Concen: 139.801 ng

RT: 5.32 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Tot Ion:	112	Resp:	2050112
Ion	Ratio	Lower	Upper
112	100		
64	53.2	46.5	69.7
63	29.1	25.2	37.8

Instrument :

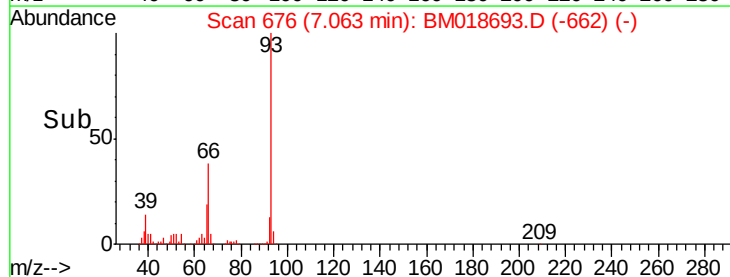
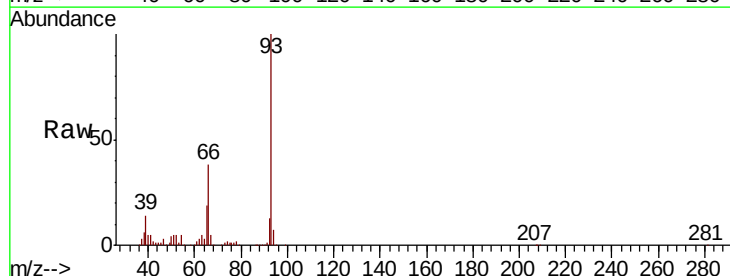
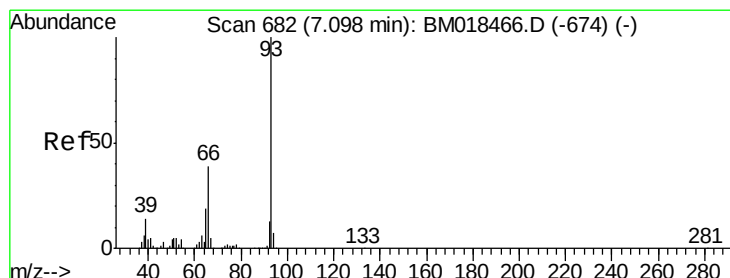
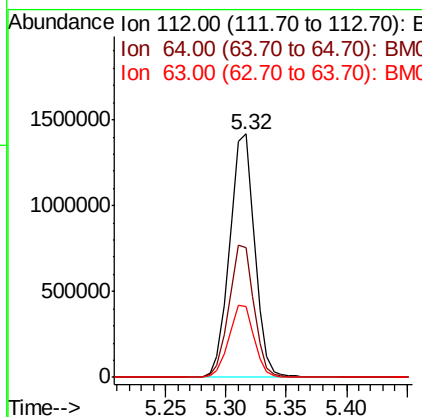
BNA_M

ClientSampleId :

PB116705BS

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



#6

Aniline

Concen: 33.442 ng

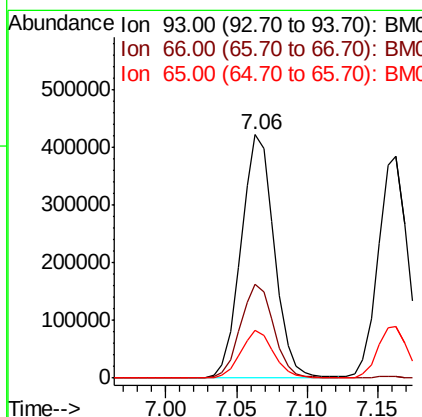
RT: 7.06 min Scan# 676

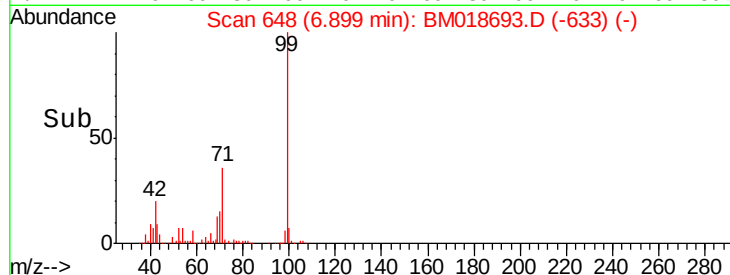
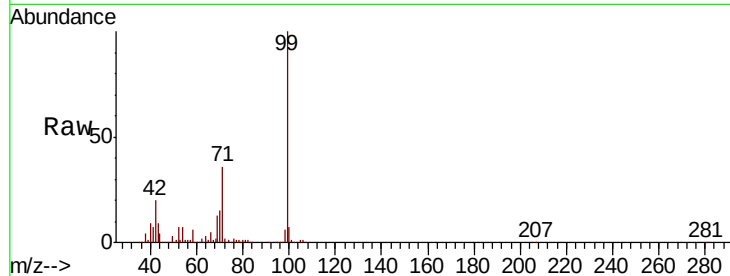
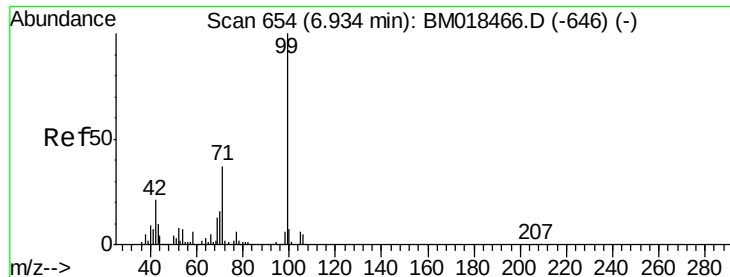
Delta R.T. -0.02 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Tgt Ion:	93	Resp:	694806
Ion	Ratio	Lower	Upper
93	100		
66	38.4	31.7	47.5
65	19.5	15.9	23.9





#7

Phenol-d6

Concen: 134.932 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Tot Ion:	99	Resp:	2513190
Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.3	25.9
71	36.0	28.0	42.0

Instrument :

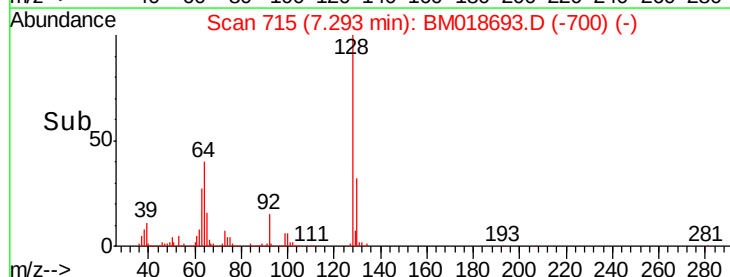
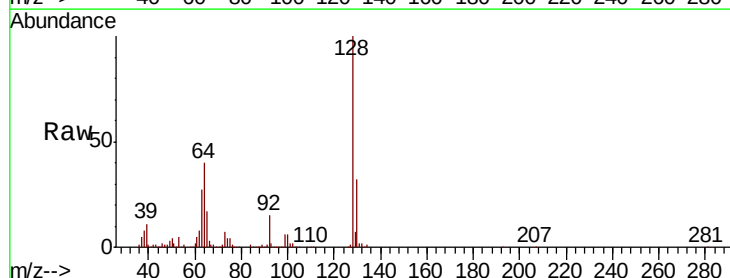
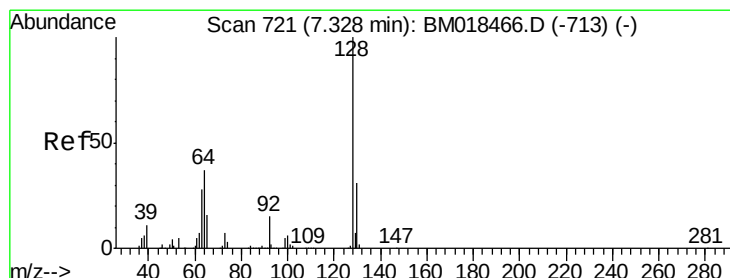
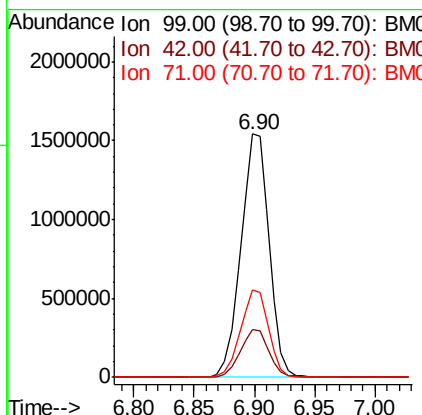
BNA_M

ClientSampleId :

PB116705BS

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



#8

2-Chlorophenol

Concen: 40.986 ng

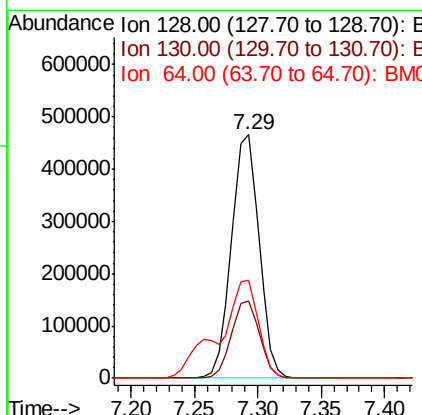
RT: 7.29 min Scan# 715

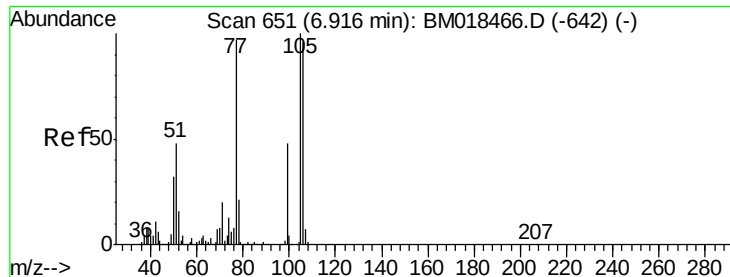
Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Tgt Ion:	128	Resp:	701965
Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.6	53.6
64	40.0	24.8	64.8





#9

Benzaldehyde

Concen: 11.274 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

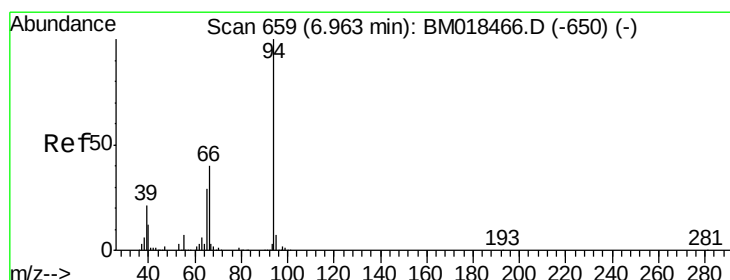
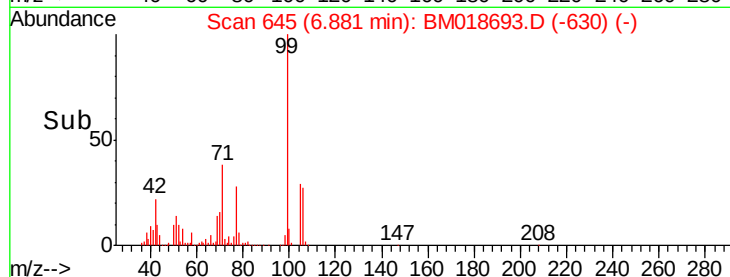
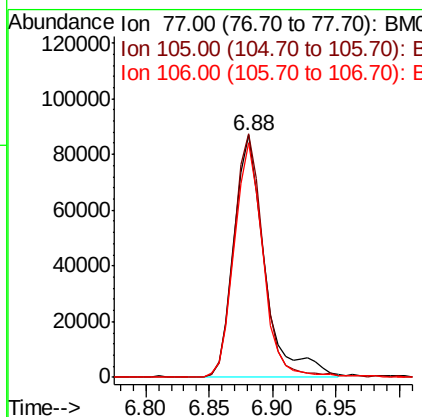
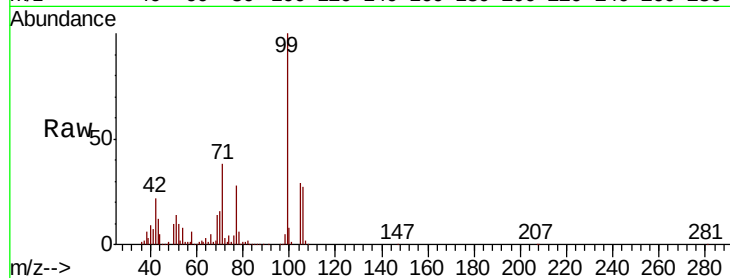
ClientSampleId :

PB116705BS

Tot Ion:	77	Resp:	146918
Ion	Ratio	Lower	Upper
77	100		
105	100.7	79.7	119.7
106	96.9	75.2	115.2

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



#10

Phenol

Concen: 39.551 ng

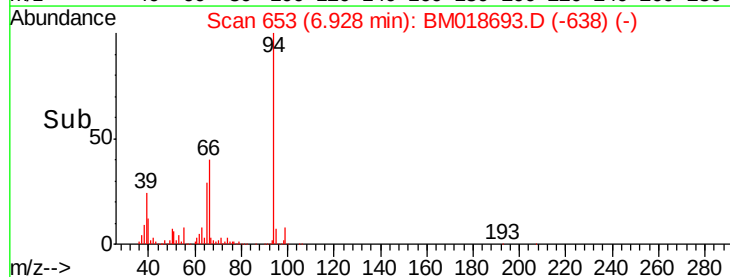
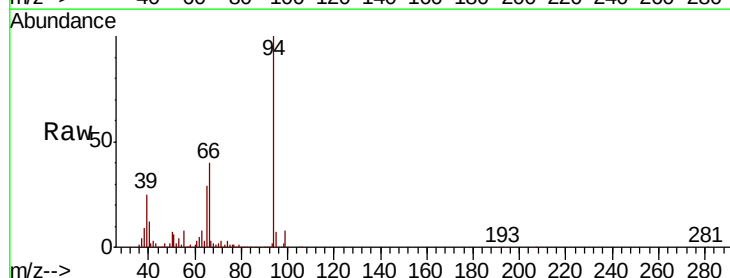
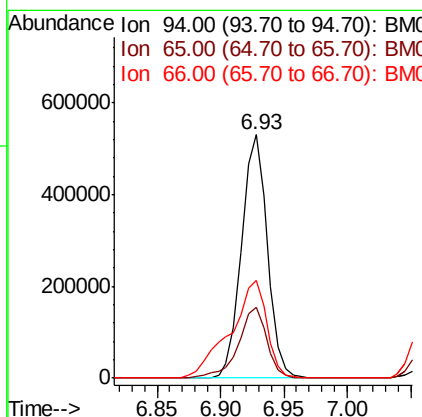
RT: 6.93 min Scan# 653

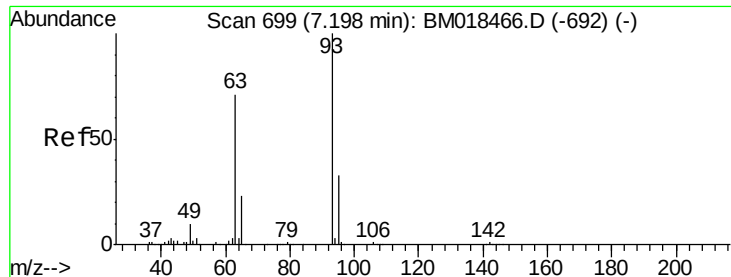
Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Tgt Ion:	94	Resp:	748566
Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.4	49.4
66	40.2	19.1	59.1





#11

bis(2-Chloroethyl)ether

Concen: 37.636 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

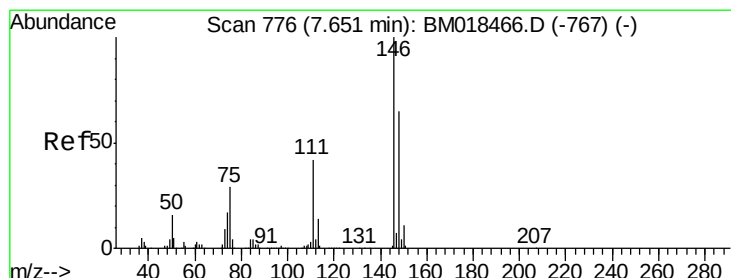
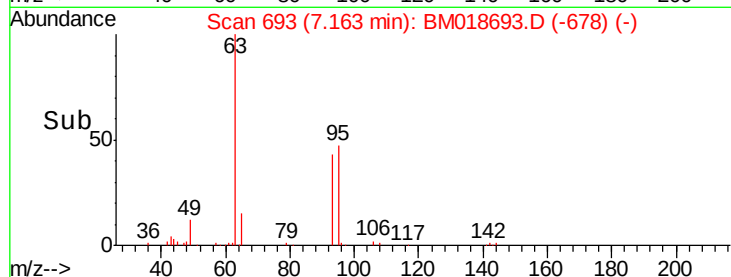
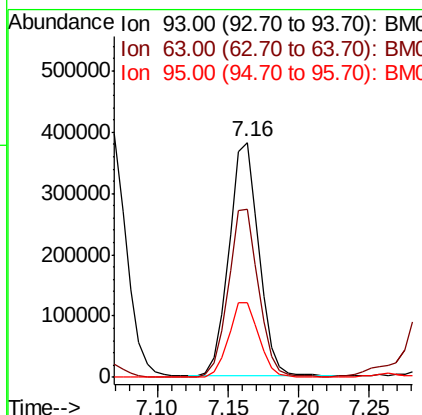
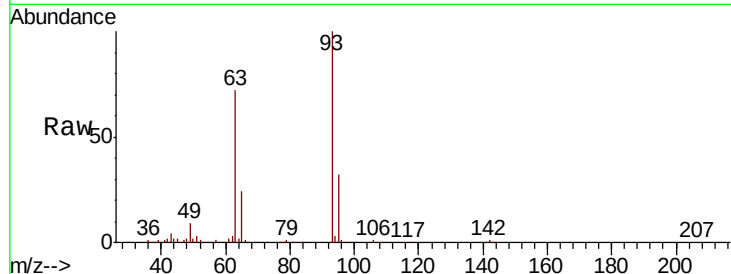
ClientSampleId :

PB116705BS

Tot Ion:	93	Resp:	559708
Ion	Ratio	Lower	Upper
93	100		
63	71.6	56.4	96.4
95	32.0	12.7	52.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



#12

1,3-Dichlorobenzene

Concen: 37.585 ng

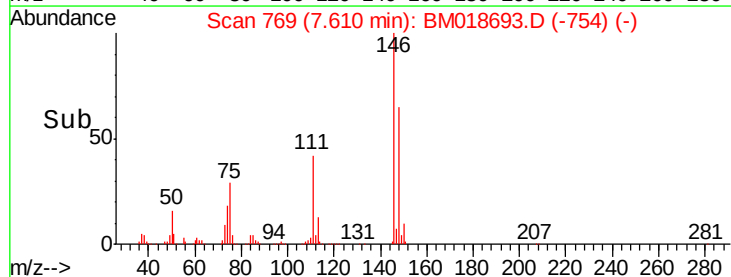
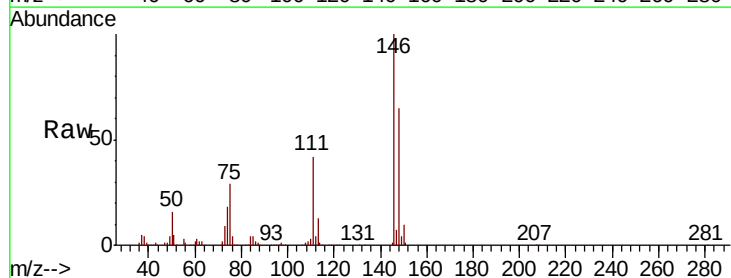
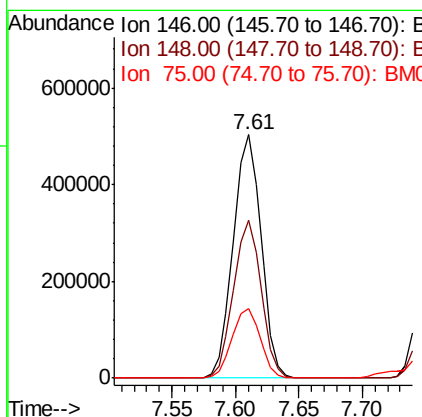
RT: 7.61 min Scan# 769

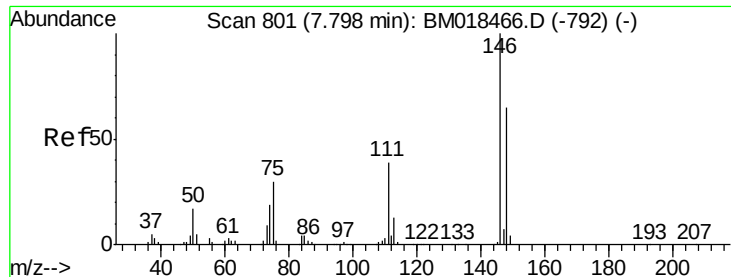
Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Tgt Ion:	146	Resp:	766599
Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.5	75.7
75	28.8	23.0	34.6





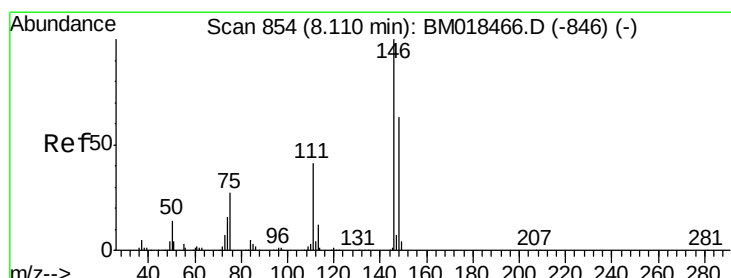
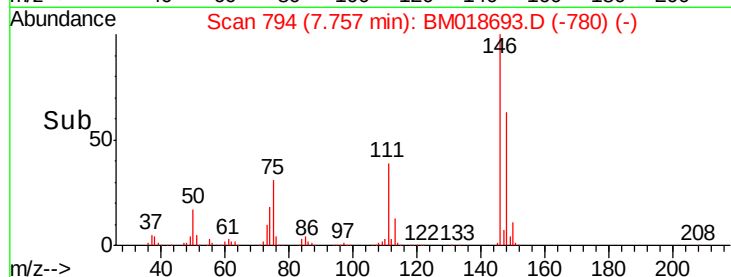
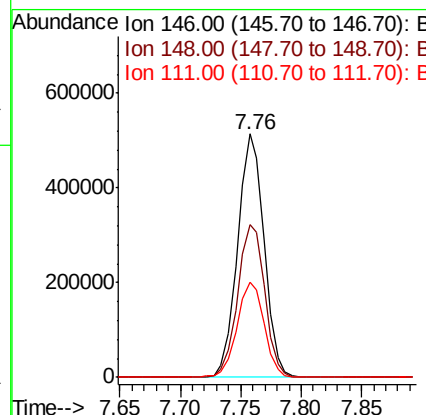
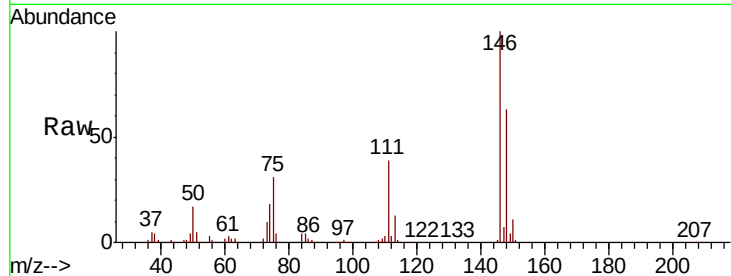
#13
1,4-Dichlorobenzene
Concen: 37.988 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	39.2	32.2	48.2

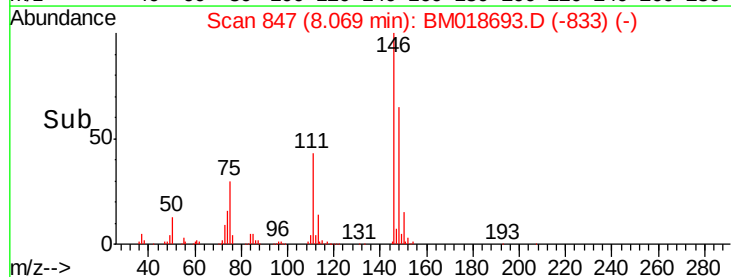
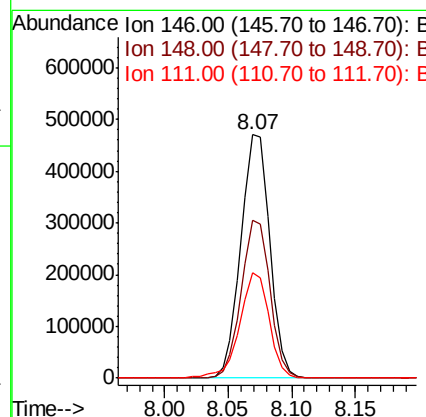
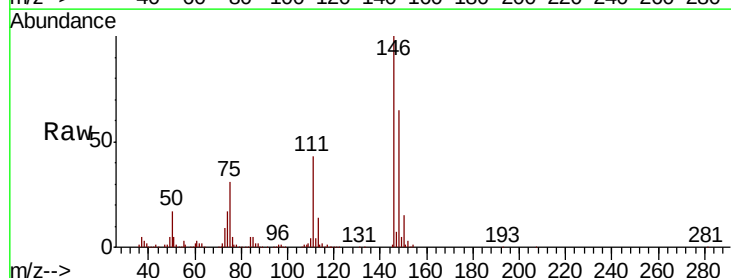
Manual Integrations
APPROVED

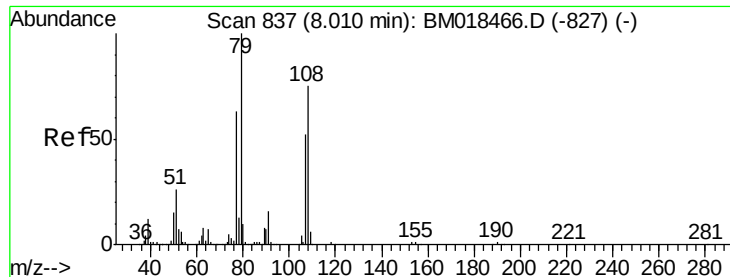
mohammad
2/1/2019 12:05:04 AM



#14
1,2-Dichlorobenzene
Concen: 37.998 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
111	43.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 38.805 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

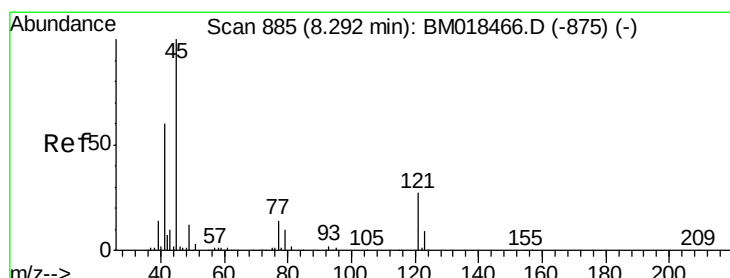
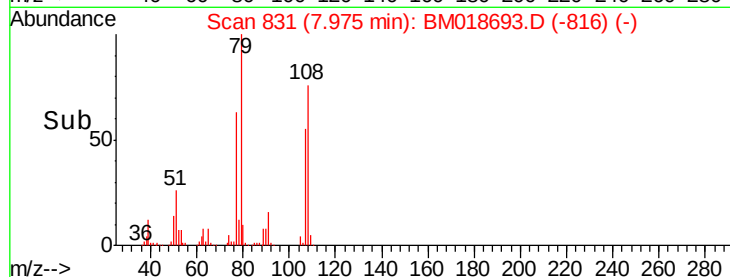
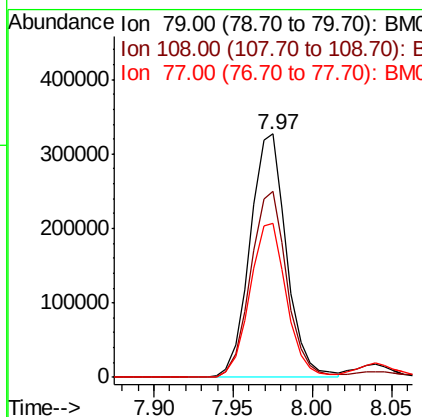
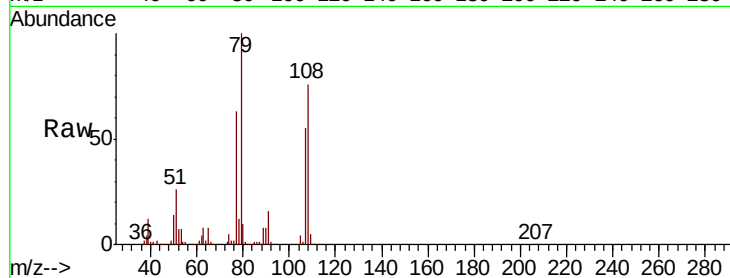
ClientSampleId :

PB116705BS

Tot Ion:	79	Resp:	522031
Ion	Ratio	Lower	Upper
79	100		
108	76.3	60.4	90.6
77	63.3	53.4	80.2

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.638 ng

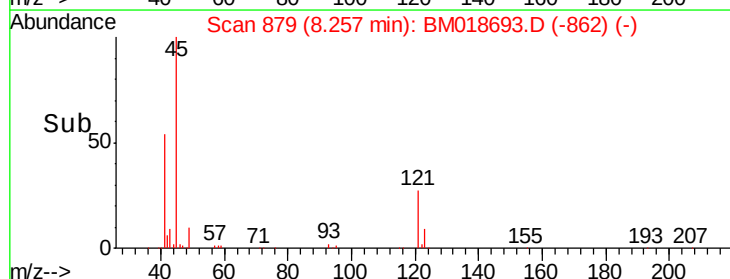
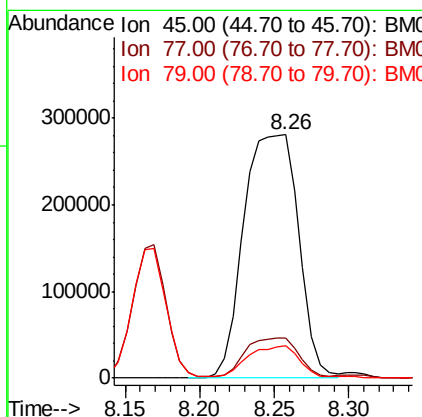
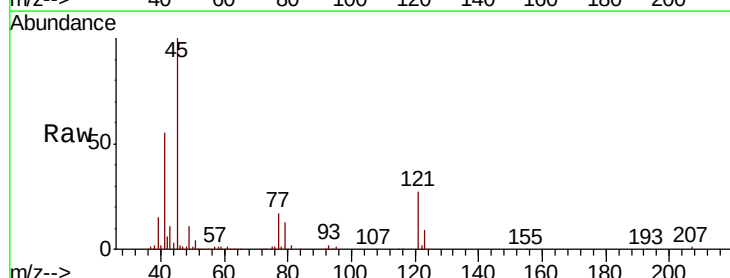
RT: 8.26 min Scan# 879

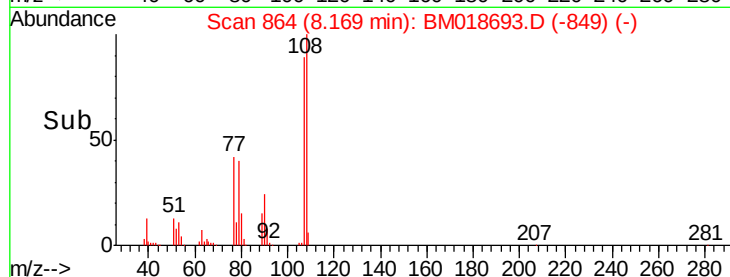
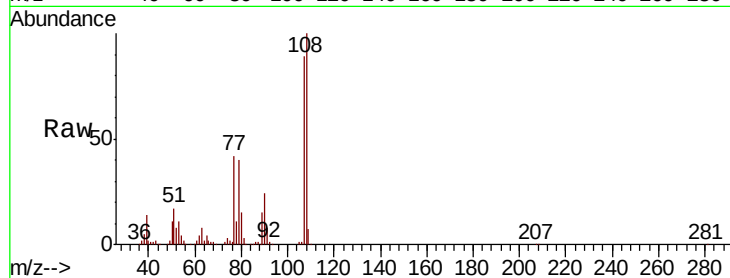
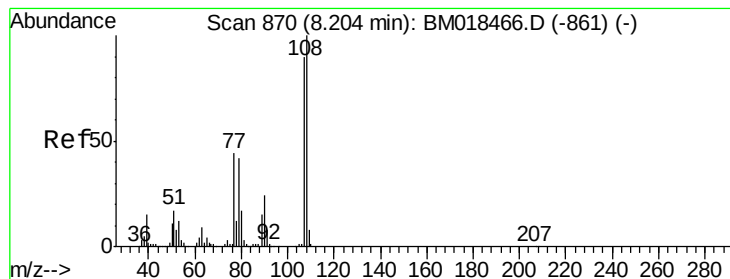
Delta R.T. 0.00 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Tgt Ion:	45	Resp:	715321
Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	33.4
79	13.1	0.0	31.1





#17

2-Methylphenol

Concen: 39.680 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	87.5	131.3	
77	47.2	37.3	55.9	
79	45.7	36.4	54.6	

Instrument :

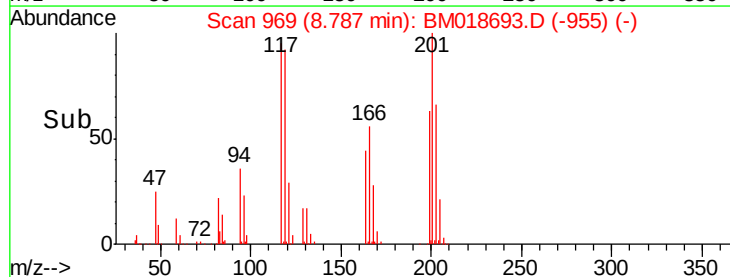
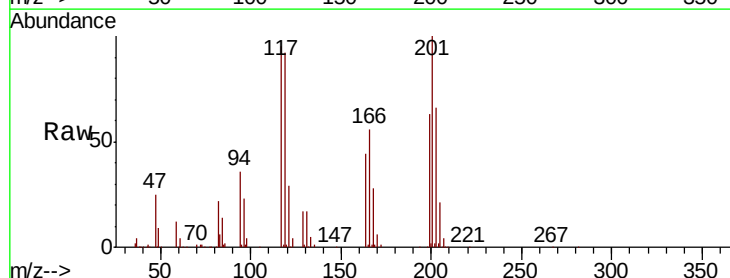
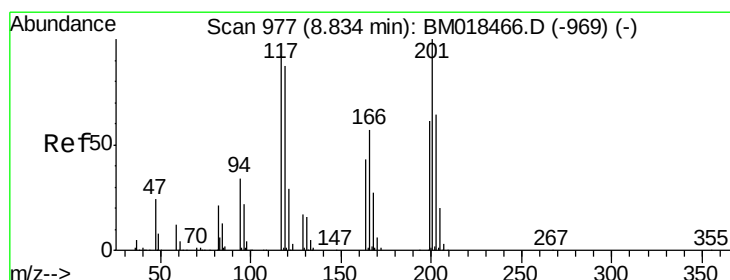
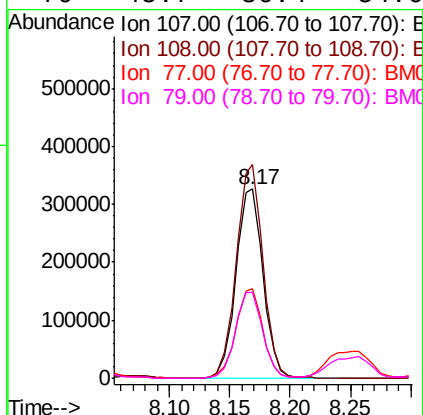
BNA_M

ClientSampleId :

PB116705BS

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



#18

Hexachloroethane

Concen: 37.437 ng

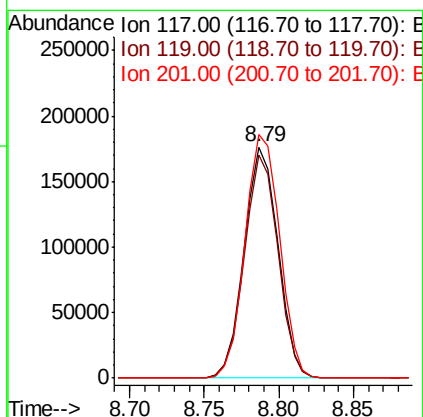
RT: 8.79 min Scan# 969

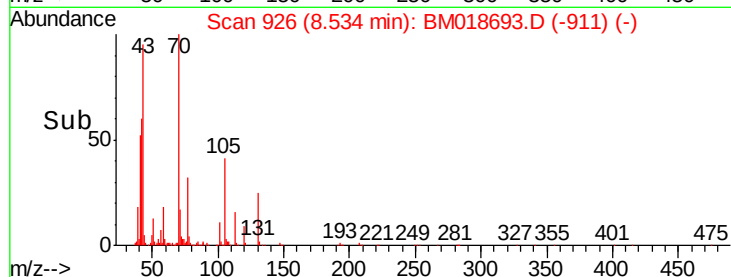
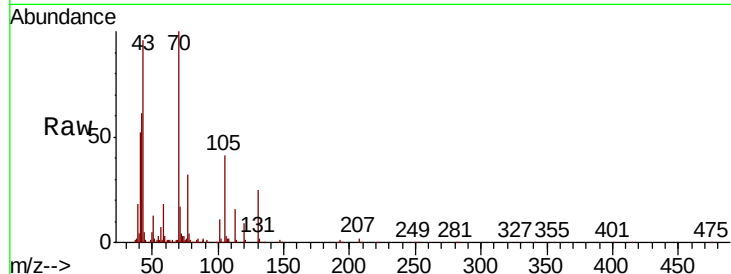
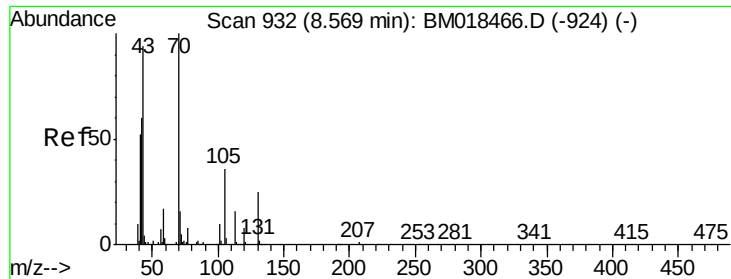
Delta R.T. -0.02 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	78.3	117.5	
201	105.4	81.4	122.0	





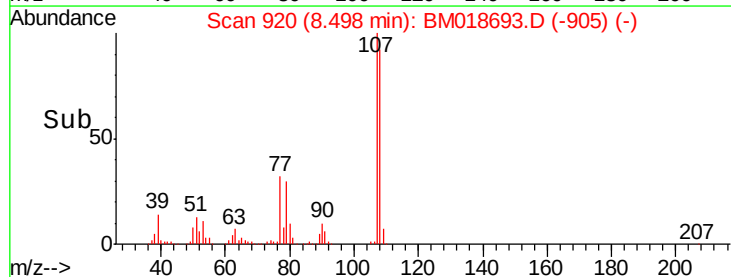
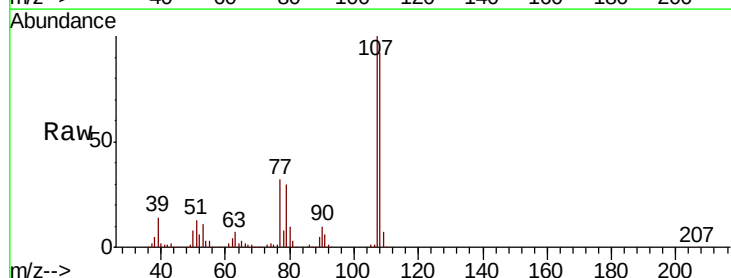
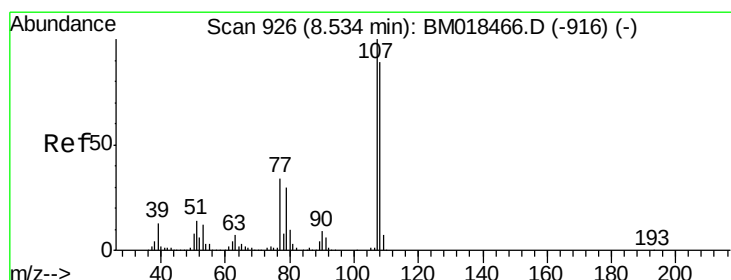
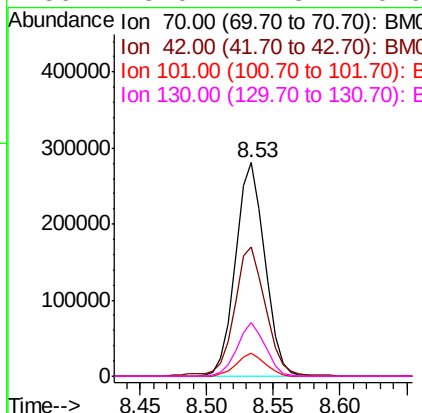
#19
n-Nitroso-di-n-propylamine
Concen: 35.402 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ion	Ratio	Lower	Upper
429113	70	100		
	42	60.6	54.0	81.0
	101	10.6	8.1	12.1
	130	25.0	17.8	26.6

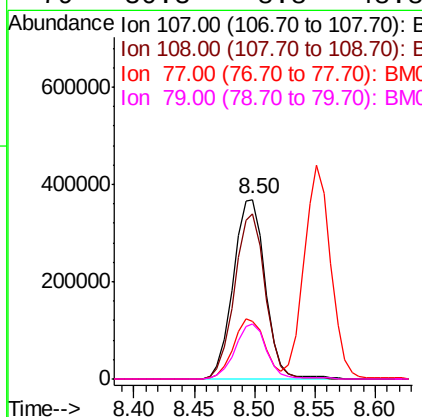
Manual Integrations
APPROVED

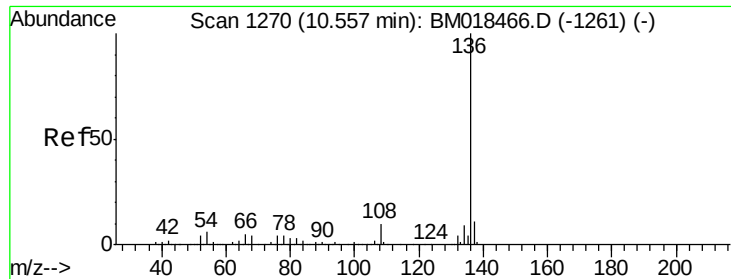
mohammad
2/1/2019 12:05:04 AM



#20
3+4-Methylphenols
Concen: 38.456 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ion	Ratio	Lower	Upper
682035	107	100		
	108	91.7	66.8	106.8
	77	32.3	13.3	53.3
	79	30.3	8.8	48.8





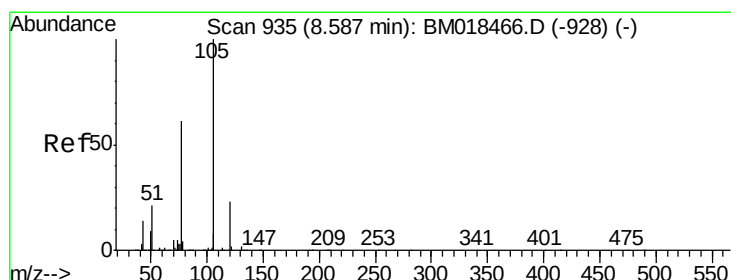
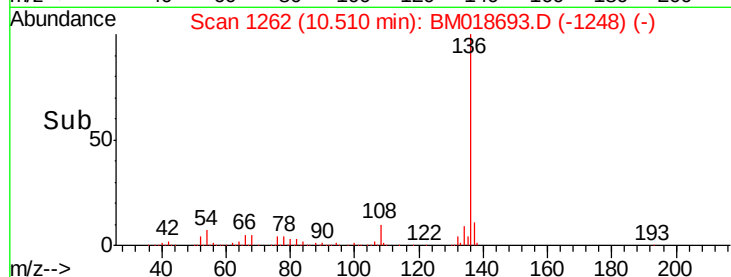
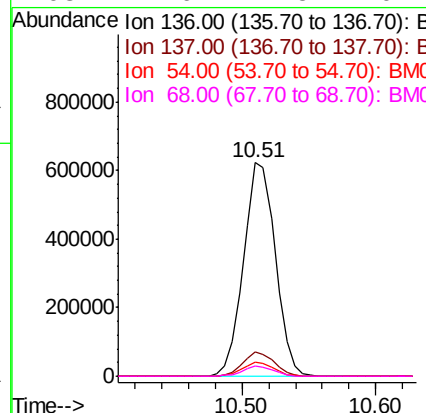
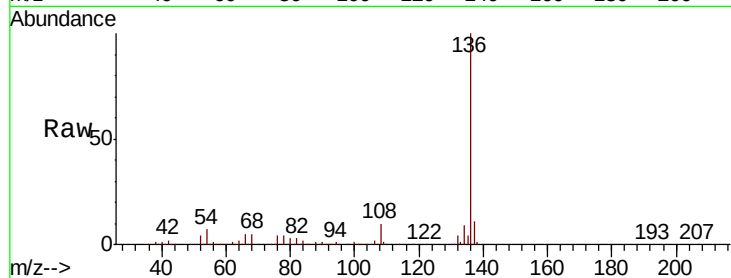
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	136	Resp	1023500
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.7	6.0	9.0
68	4.6	4.5	6.7

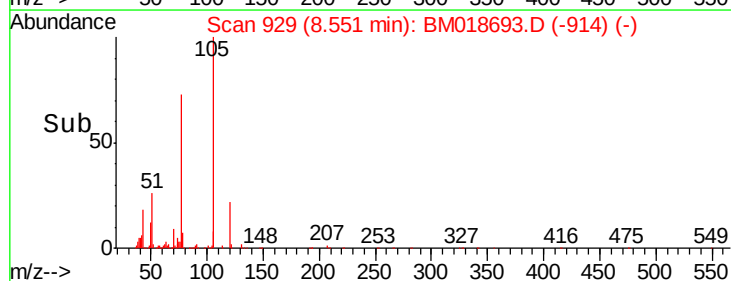
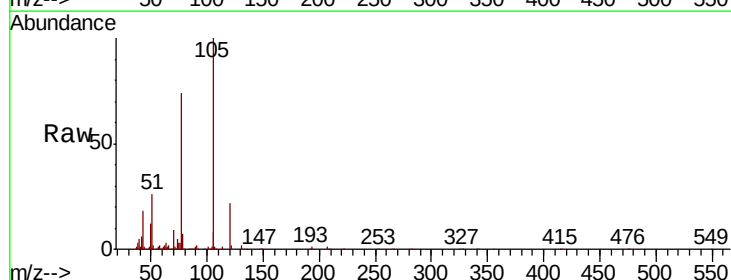
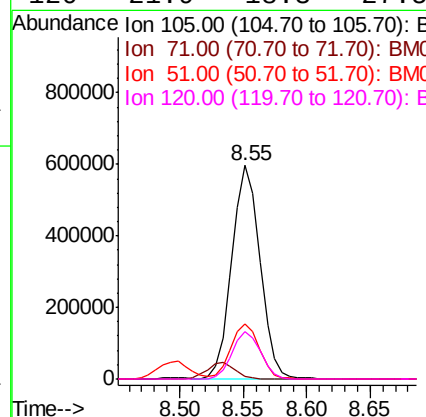
Manual Integrations
APPROVED

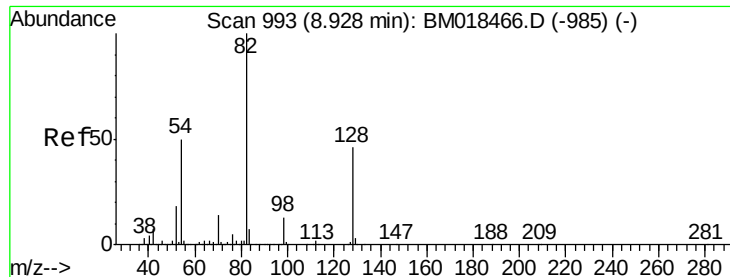
mohammad
2/1/2019 12:05:04 AM



#22
Acetophenone
Concen: 36.119 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	105	Resp	914483
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.7	2.5#
51	25.9	22.6	34.0
120	21.9	18.3	27.5





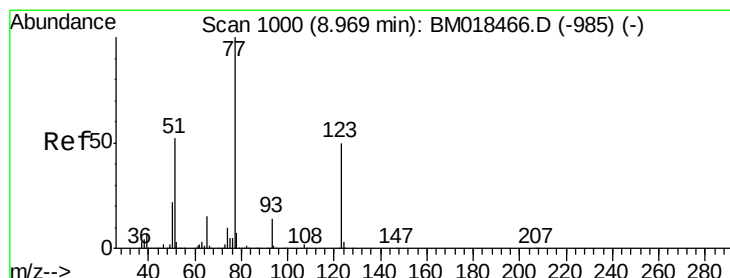
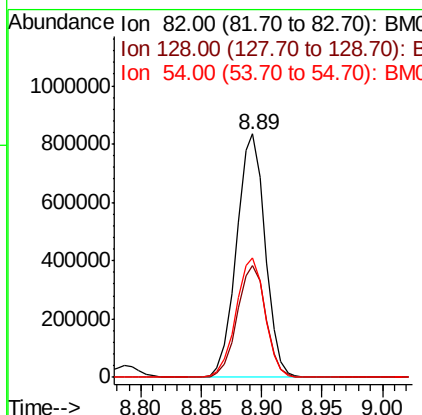
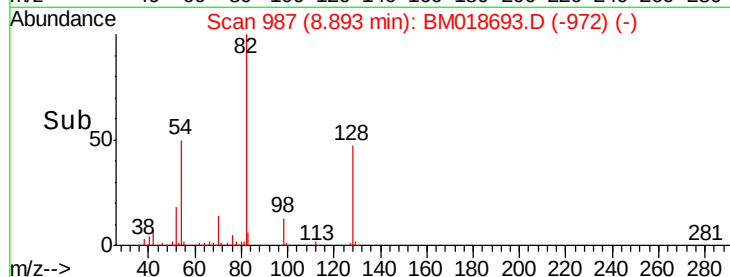
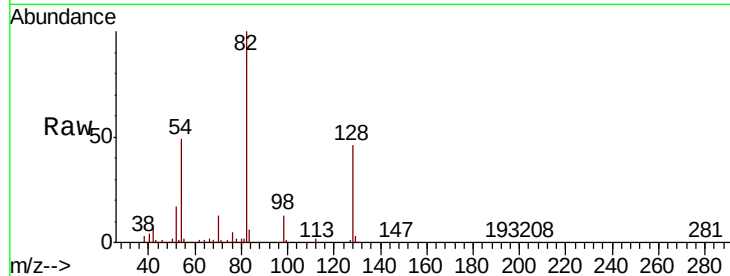
#23
 Nitrobenzene-d5
 Concen: 78.179 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

Instrument :
 BNA_M
 ClientSampleId :
 PB116705BS

Tot Ion	82	Resp	1380279
Ion Ratio	100	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	49.2	41.7	62.5

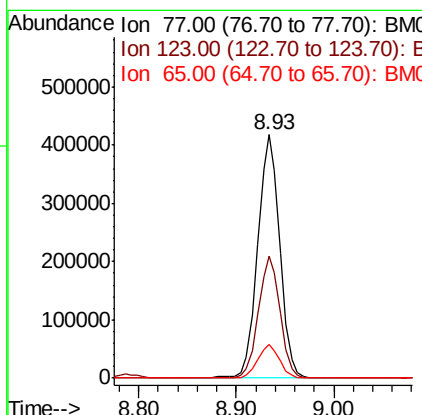
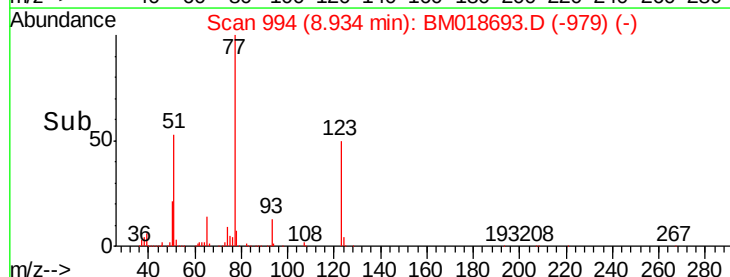
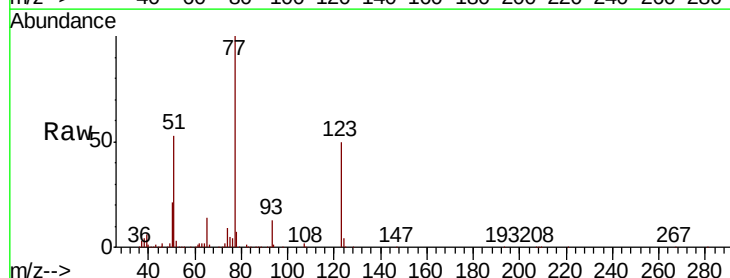
Manual Integrations
 APPROVED

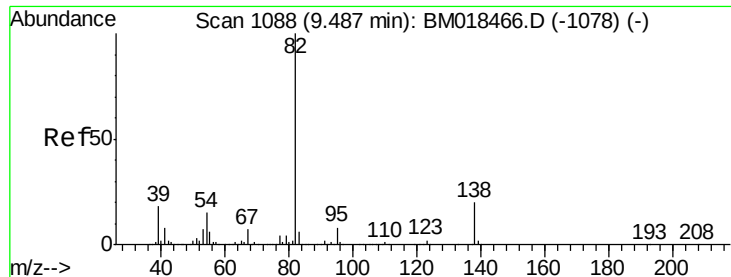
mohammad
 2/1/2019 12:05:04 AM



#24
 Nitrobenzene
 Concen: 38.407 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

Tgt Ion	77	Resp	667189
Ion Ratio	100	Lower	Upper
77	100		
123	50.1	37.7	56.5
65	13.8	11.0	16.6





#25

Isophorone

Concen: 41.705 ng

RT: 9.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

ClientSampleId :

PB116705BS

Tot Ion: 82 Resp: 1115004

Ion Ratio Lower Upper

82 100

95 8.0 6.1 9.1

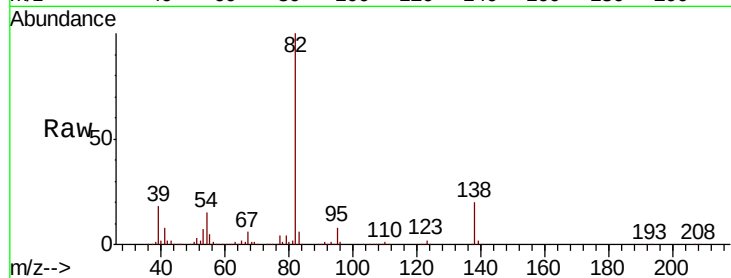
138 19.9 15.1 22.7

Manual Integrations

APPROVED

mohammad

2/1/2019 12:05:04 AM

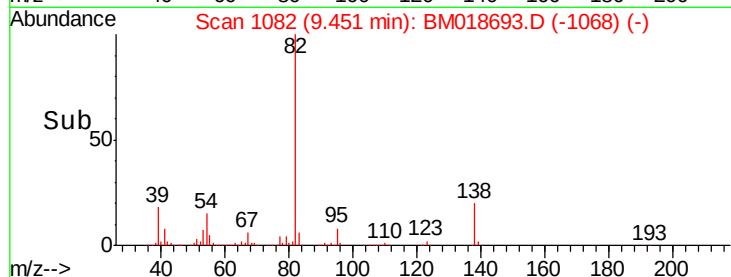


Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)

Time-->



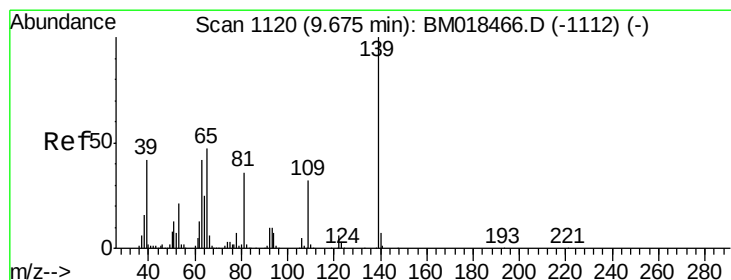
Abundance

Ion 82.00 (81.70 to 82.70): BM018693.D (-1068) (-)

Ion 95.00 (94.70 to 95.70): BM018693.D (-1068) (-)

Ion 138.00 (137.70 to 138.70): BM018693.D (-1068) (-)

Time-->



#26

2-Nitrophenol

Concen: 41.470 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

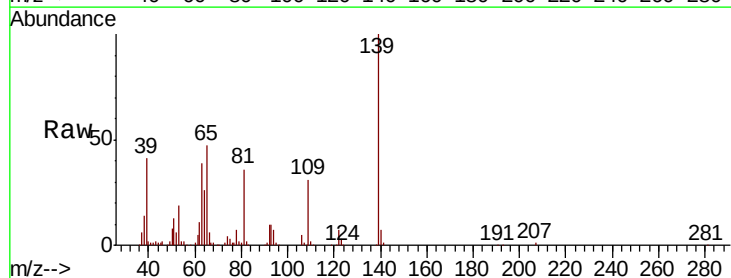
Tgt Ion: 139 Resp: 348342

Ion Ratio Lower Upper

139 100

109 31.1 23.4 35.2

65 47.0 39.4 59.2

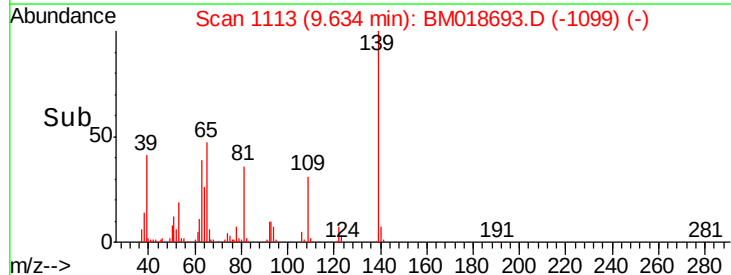


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)

Time-->



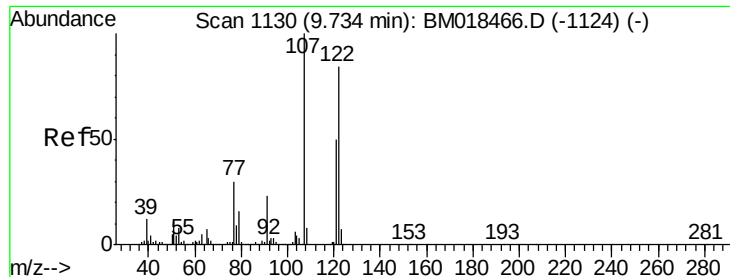
Abundance

Ion 139.00 (138.70 to 139.70): BM018693.D (-1099) (-)

Ion 109.00 (108.70 to 109.70): BM018693.D (-1099) (-)

Ion 65.00 (64.70 to 65.70): BM018693.D (-1099) (-)

Time-->



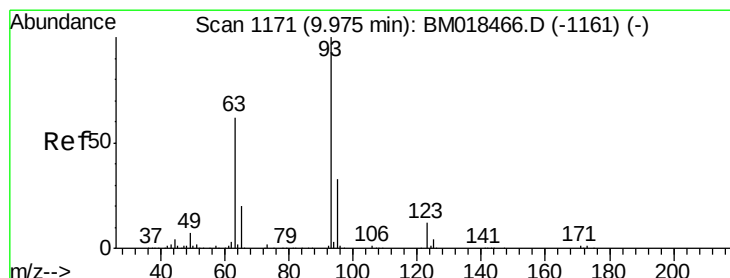
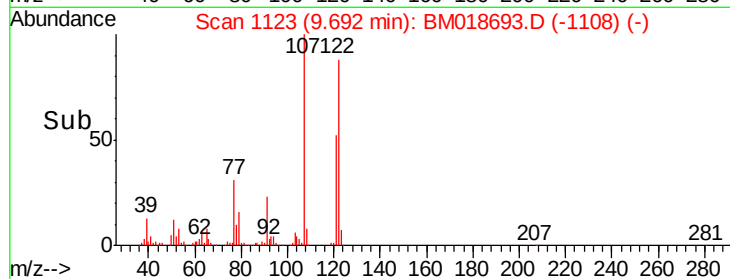
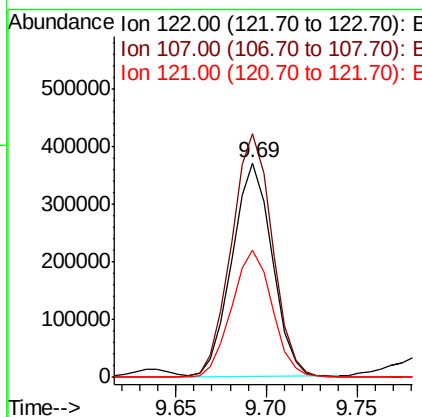
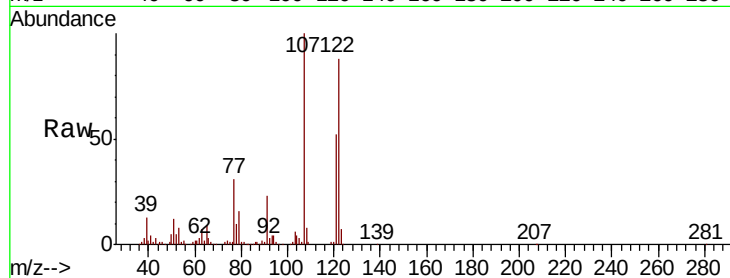
#27
2,4-Dimethylphenol
Concen: 45.145 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	91.9	137.9
121	59.0	47.5	71.3

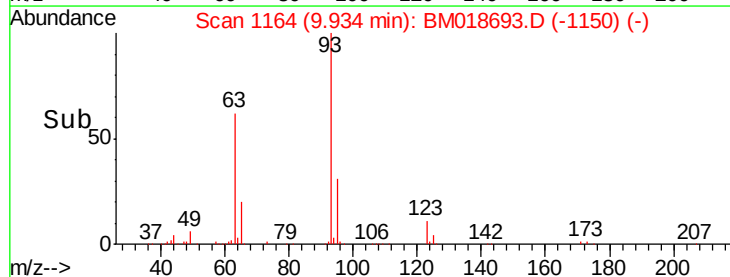
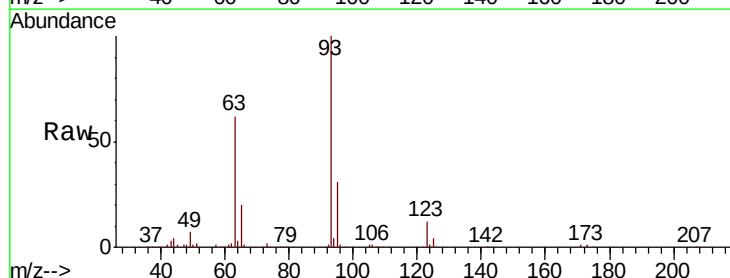
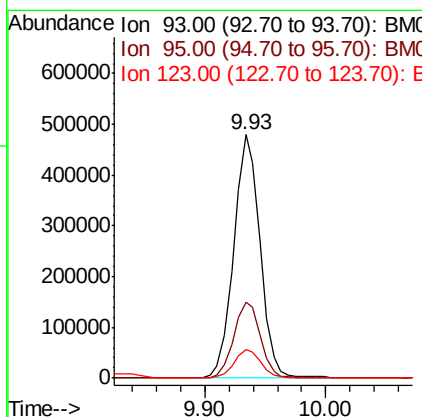
Manual Integrations
APPROVED

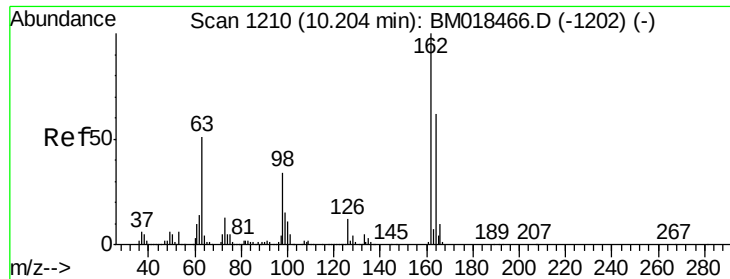
mohammad
2/1/2019 12:05:04 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.471 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.6	39.8
123	11.9	9.9	14.9





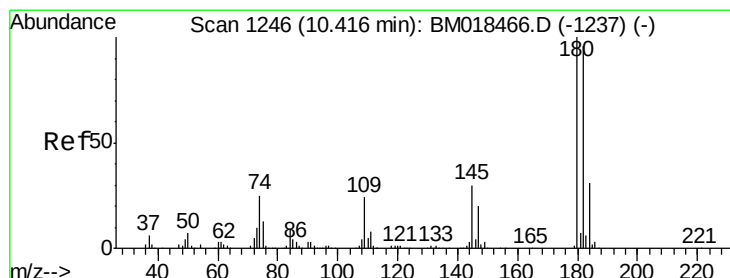
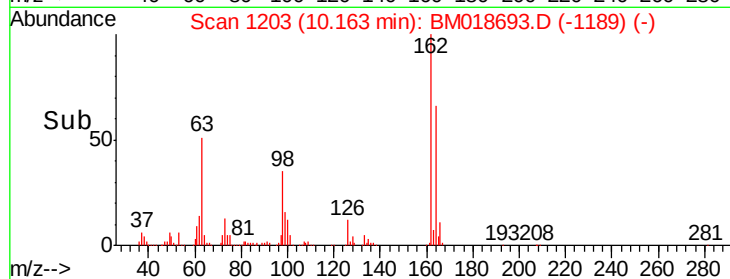
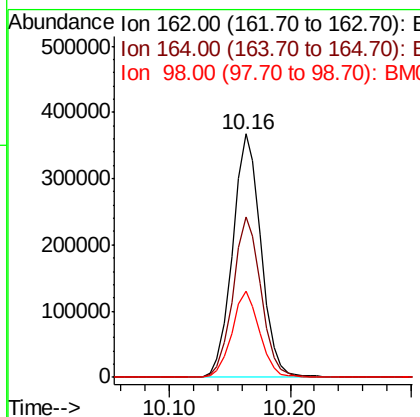
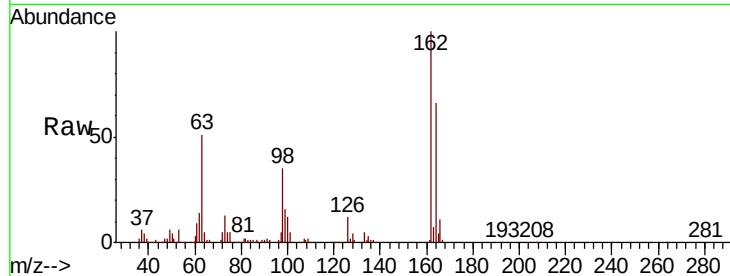
#29
2,4-Dichlorophenol
Concen: 40.121 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampled :
PB116705BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	65.7	45.6		85.6	
98	35.3	14.7		54.7	

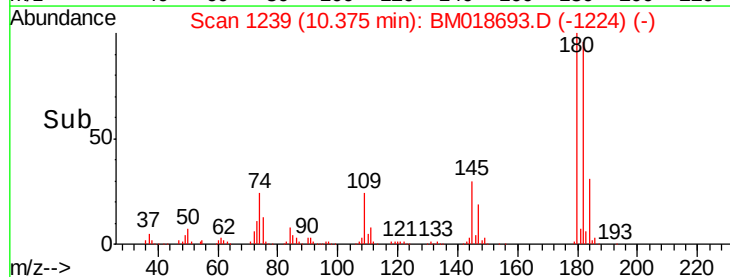
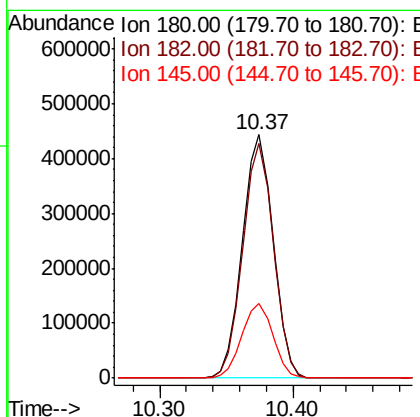
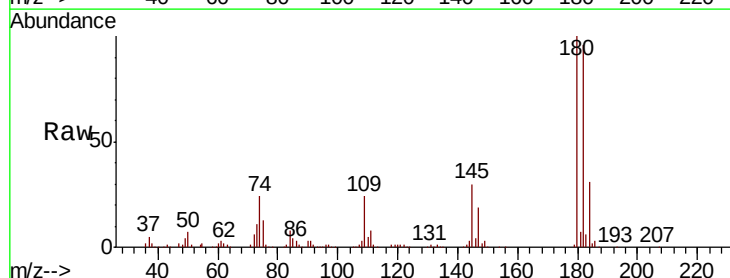
Manual Integrations
APPROVED

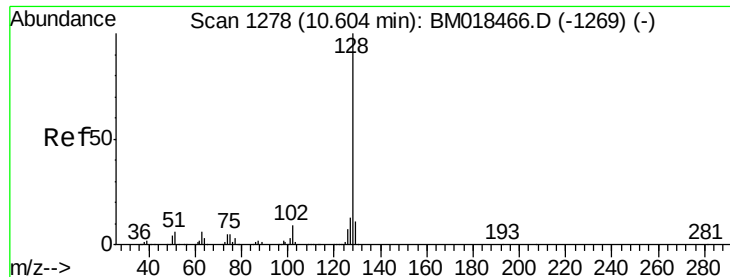
mohammad
2/1/2019 12:05:04 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.052 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	96.3	77.4		116.2	
145	30.5	24.6		37.0	





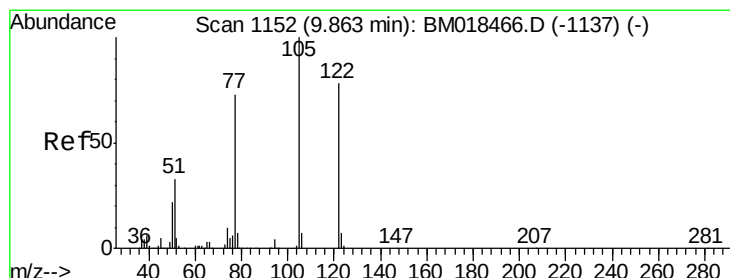
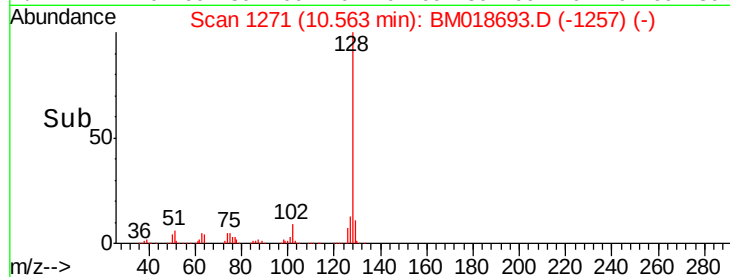
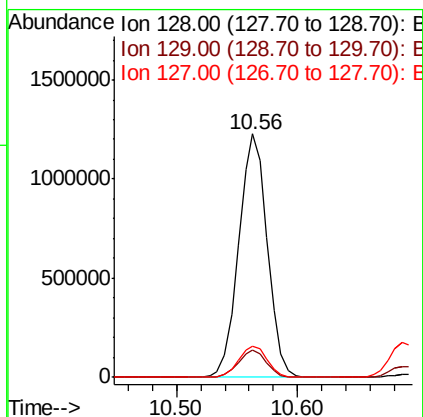
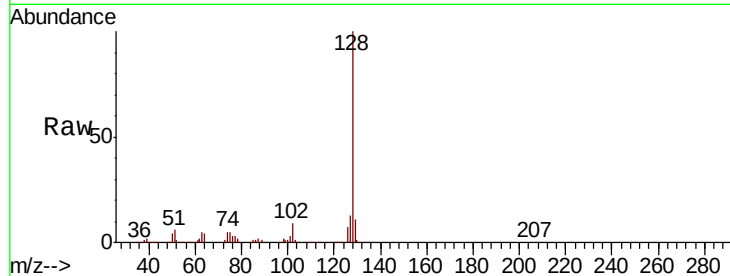
#31
Naphthalene
Concen: 40.931 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.8	16.2

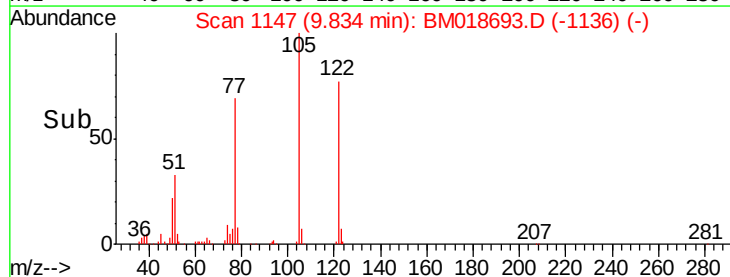
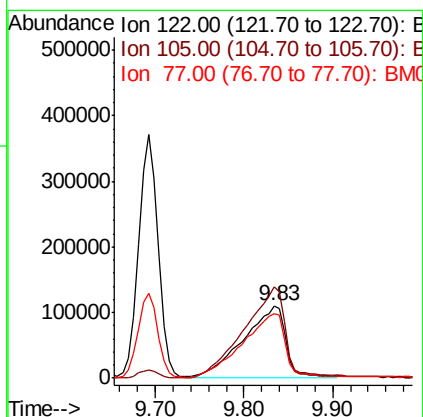
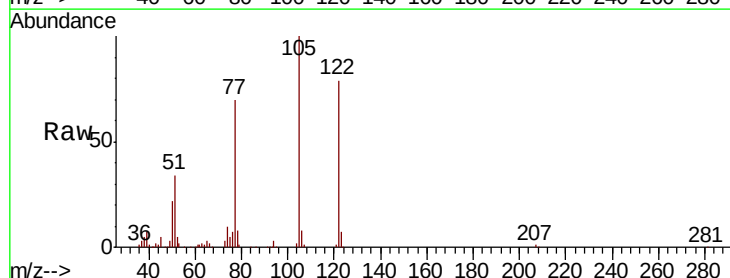
Manual Integrations
APPROVED

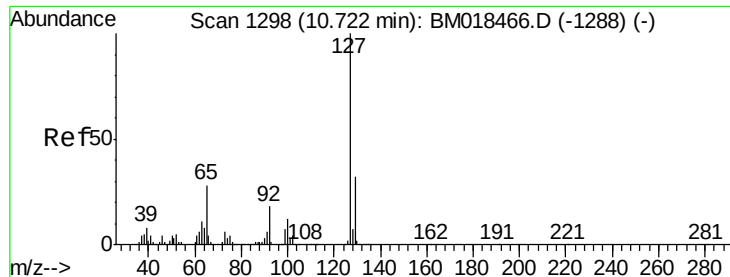
mohammad
2/1/2019 12:05:04 AM



#32
Benzoic acid
Concen: 44.113 ng m
RT: 9.83 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	100.4	140.4
77	89.0	71.7	111.7





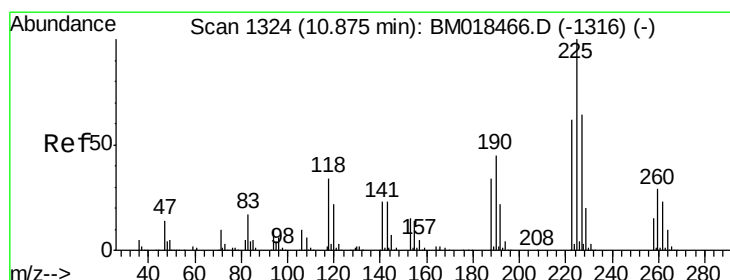
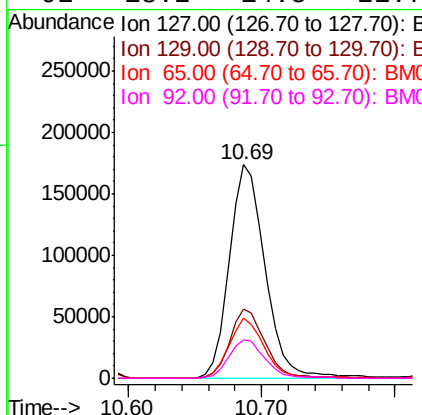
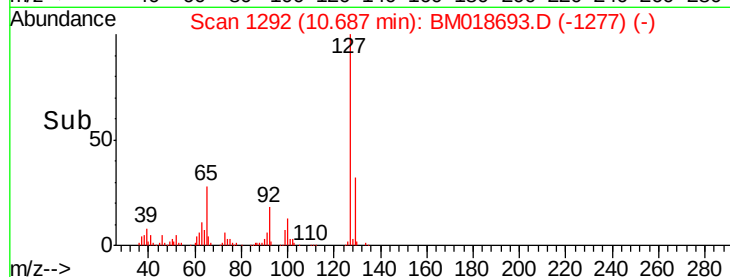
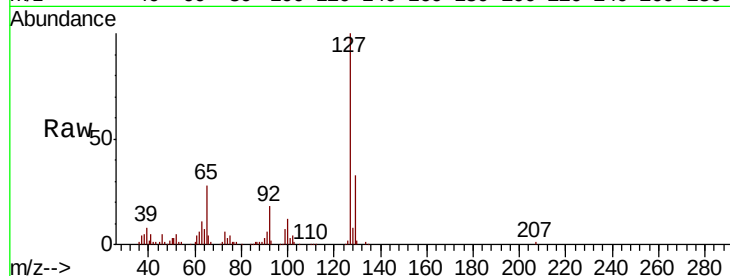
#33
4-Chloroaniline
Concen: 16.644 ng
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.9	38.9		
65	28.1	23.4	35.2		
92	18.2	14.5	21.7		

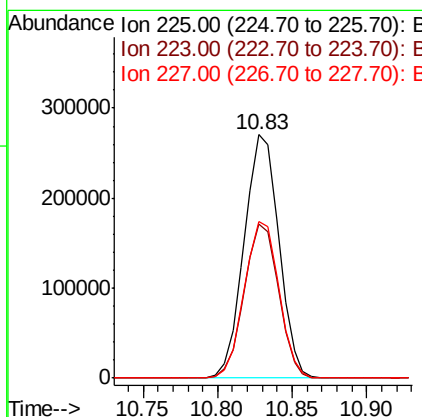
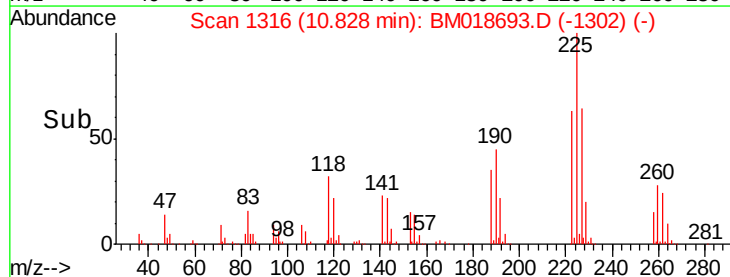
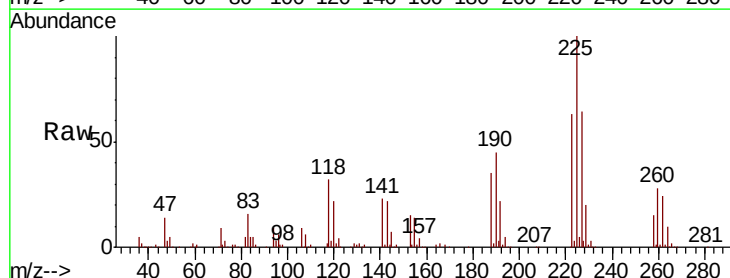
Manual Integrations
APPROVED

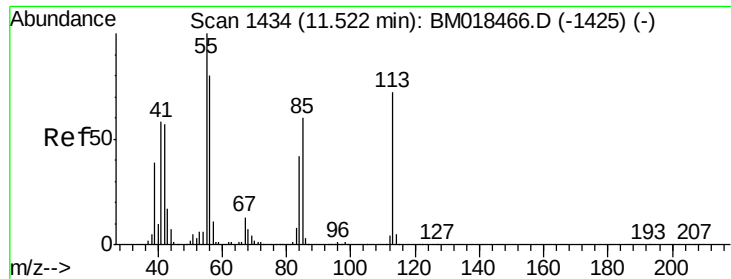
mohammad
2/1/2019 12:05:04 AM



#34
Hexachlorobutadiene
Concen: 37.041 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.8	76.2		
227	64.4	50.4	75.6		





#35

Caprolactam

Concen: 28.941 ng/ml

RT: 11.49 min Scan# 1429

Delta R.T. -0.03 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

ClientSampleID :

PB116705BS

Tot Ion:113 Resp: 147519

Ion Ratio Lower Upper

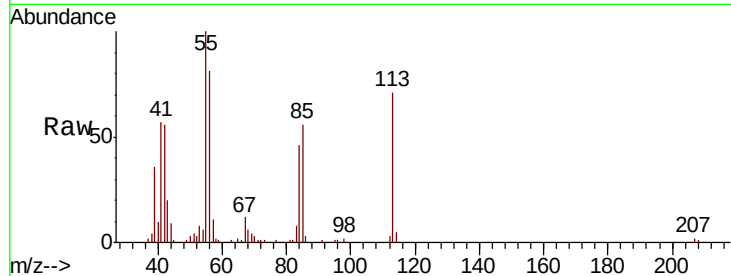
113 100

55 141.7 139.3 179.3

56 114.4 101.4 141.4

Manual Integrations
APPROVED

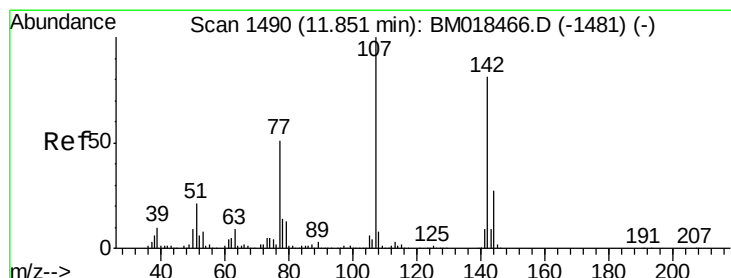
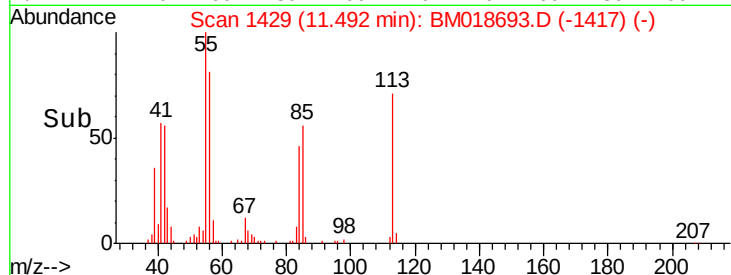
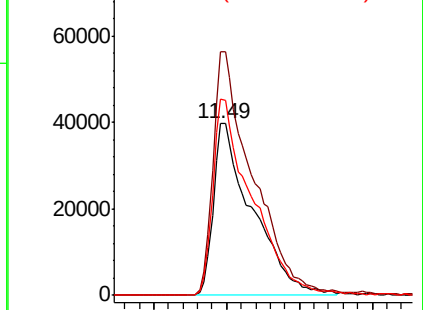
mohammad
2/1/2019 12:05:04 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM018466.D (-1425) (-)

Ion 56.00 (55.70 to 56.70): BM018466.D (-1425) (-)



#36

4-Chloro-3-methylphenol

Concen: 37.201 ng/ml

RT: 11.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

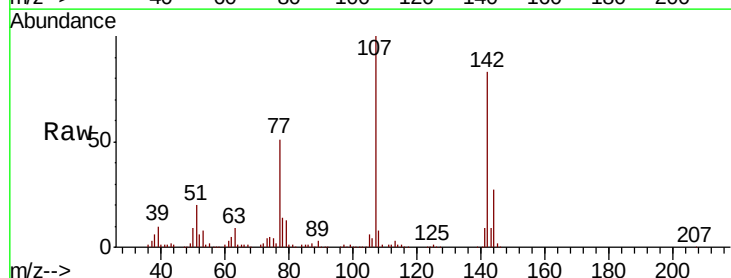
Tgt Ion:107 Resp: 585120

Ion Ratio Lower Upper

107 100

144 27.0 21.9 32.9

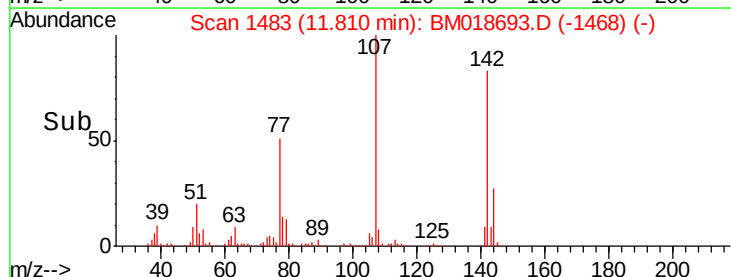
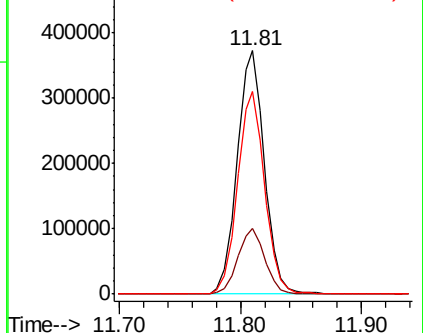
142 83.2 67.9 101.9

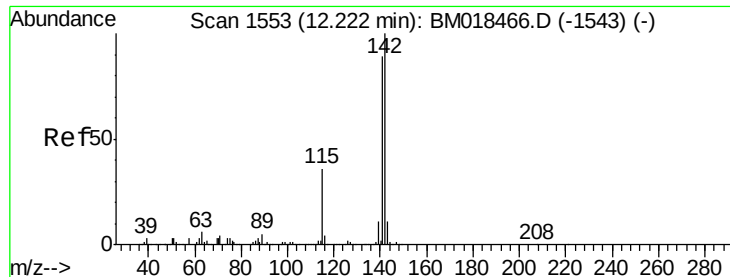


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.174 ng

RT: 12.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

ClientSampleId :

PB116705BS

Tot Ion:142 Resp: 1433935

Ion Ratio Lower Upper

142 100

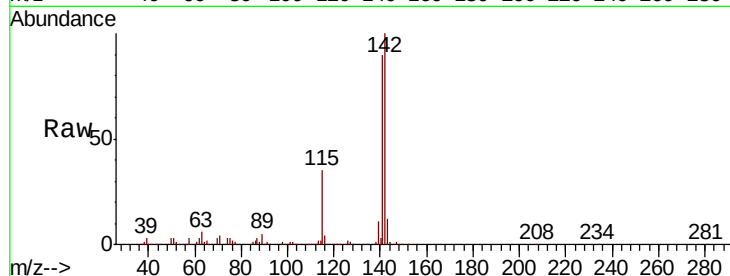
141 89.7 71.4 107.2

115 34.6 28.0 42.0

Manual Integrations
APPROVED

mohammad

2/1/2019 12:05:04 AM

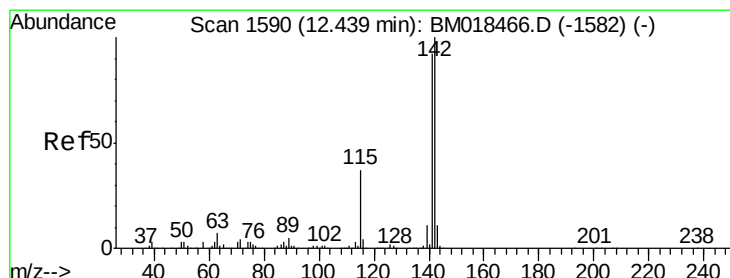
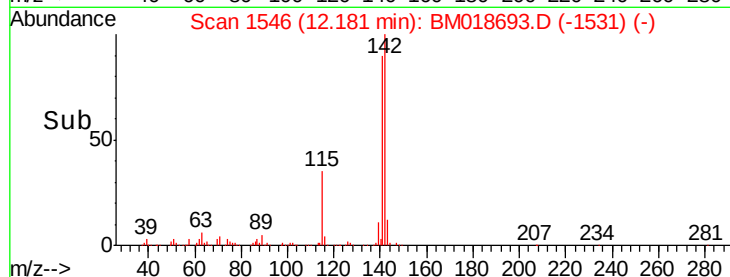
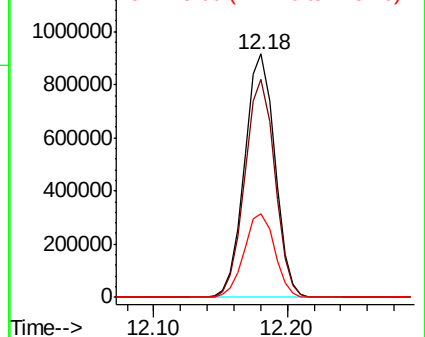


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.085 ng

RT: 12.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

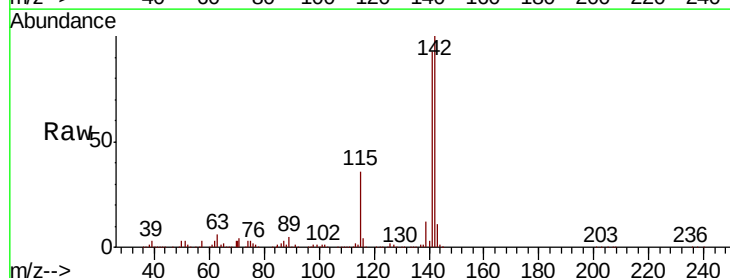
Tgt Ion:142 Resp: 1350776

Ion Ratio Lower Upper

142 100

141 93.5 75.6 113.4

116 3.7 3.0 4.6

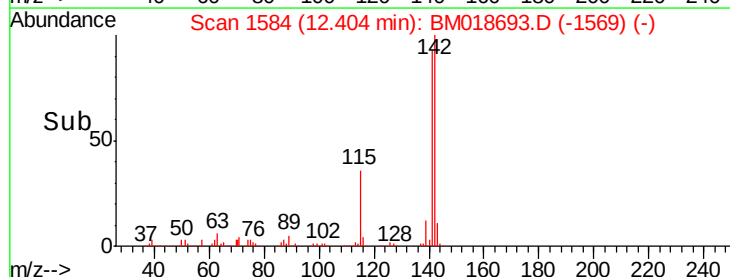
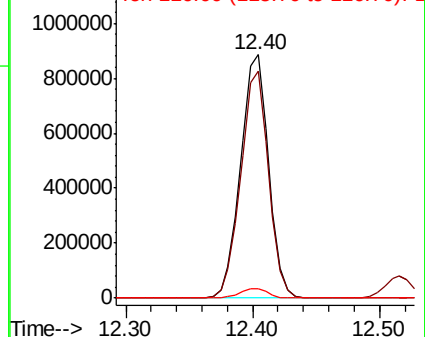


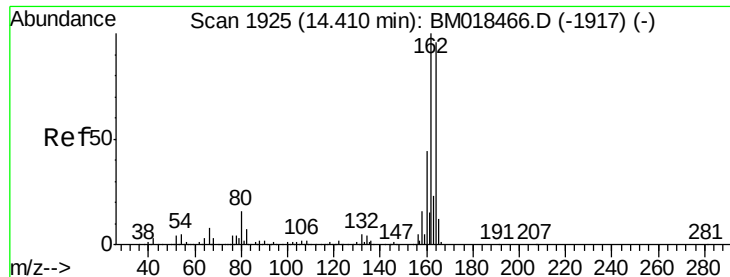
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





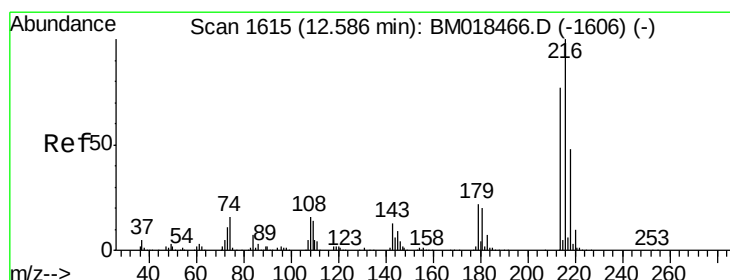
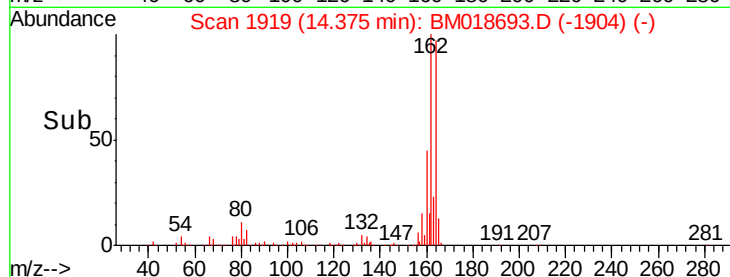
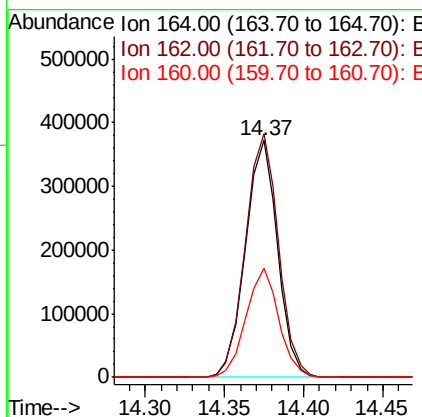
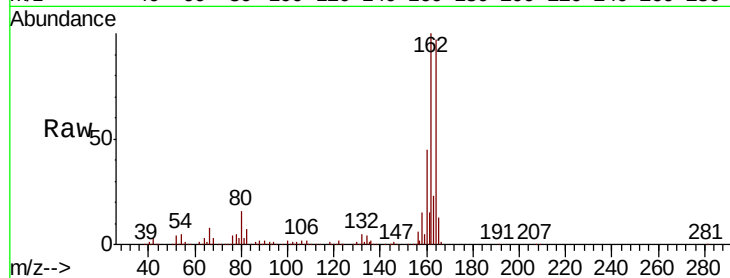
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.4
160	46.0	37.1	55.7

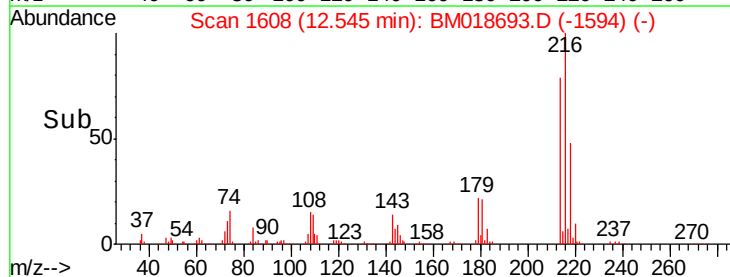
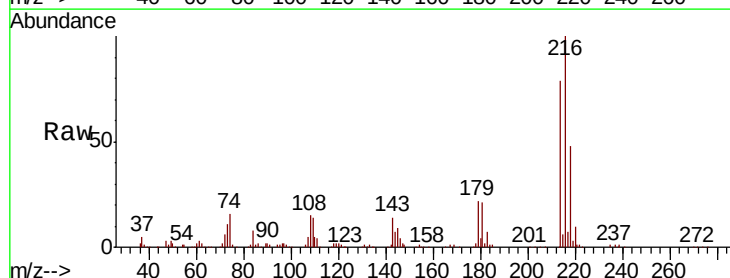
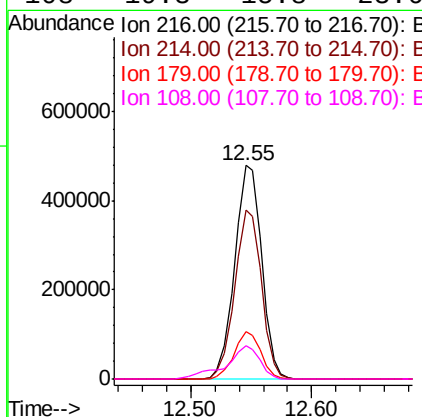
Manual Integrations
APPROVED

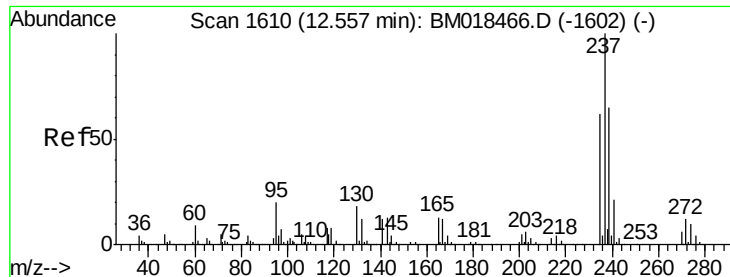
mohammad
2/1/2019 12:05:04 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.776 ng
RT: 12.55 min Scan# 1608
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.0
179	21.8	17.9	26.9
108	19.3	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 97.652 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

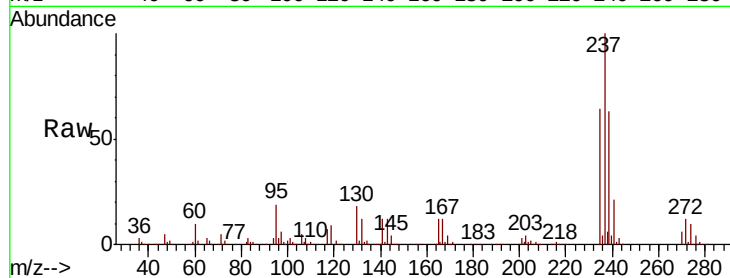
ClientSampleId :

PB116705BS

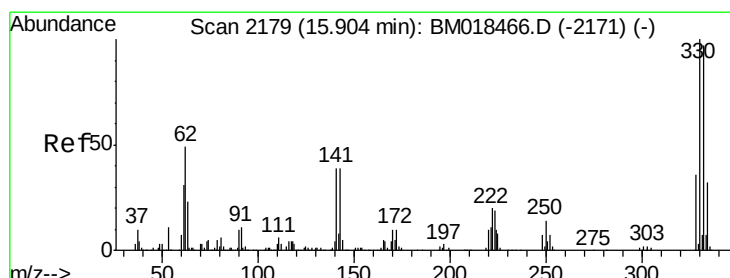
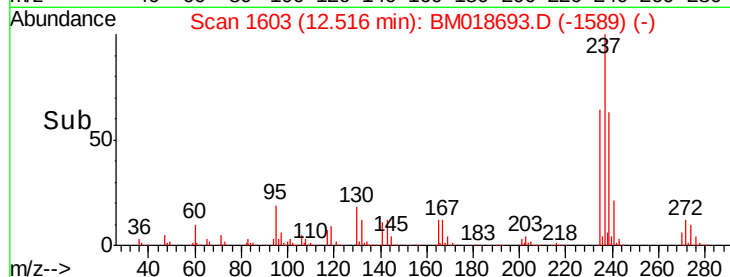
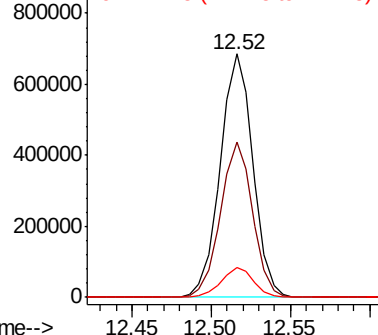
Tot Ion:	237	Resp:	980335
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.8	82.8
272	12.2	0.0	31.9

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



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



#42

2,4,6-Tribromophenol

Concen: 129.789 ng

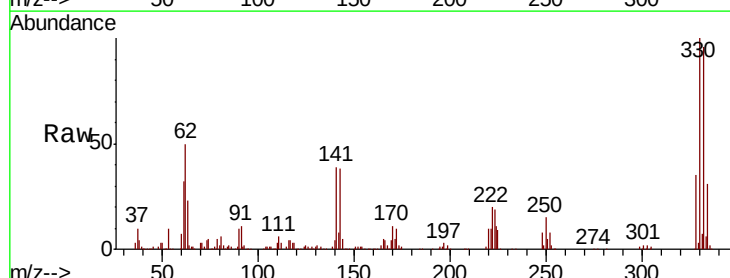
RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

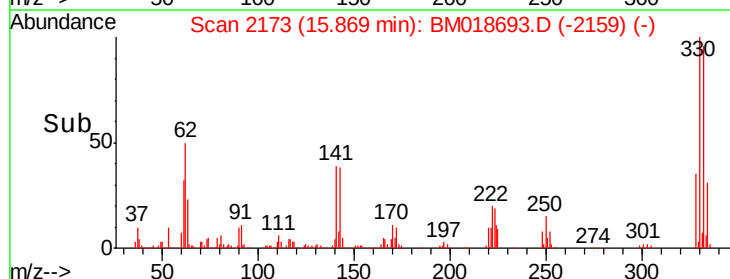
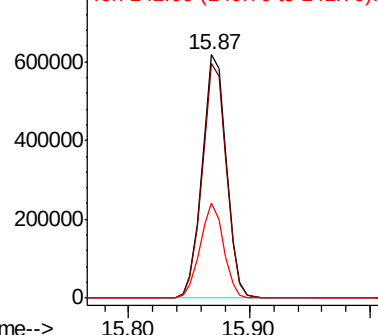
Lab File: BM018693.D

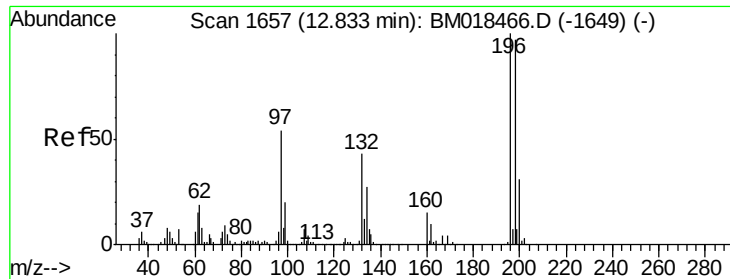
Acq: 30 Jan 2019 13:33

Tgt Ion:	330	Resp:	864427
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.6	116.4
141	37.9	31.7	47.5



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





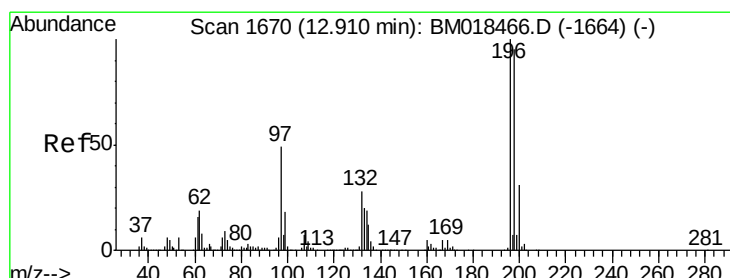
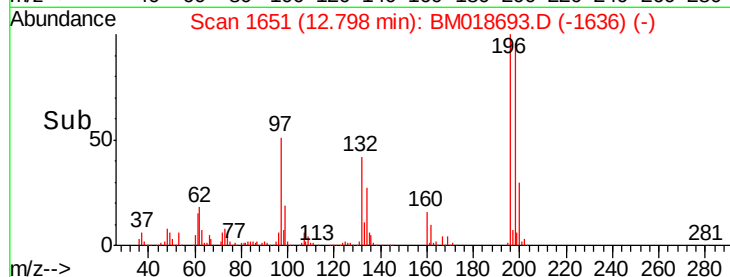
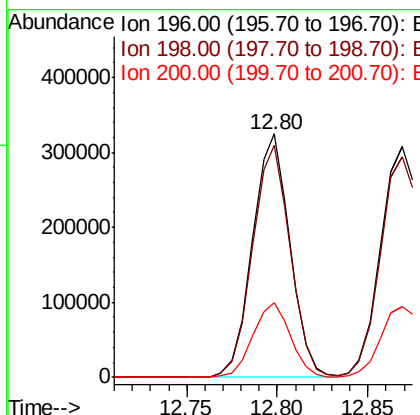
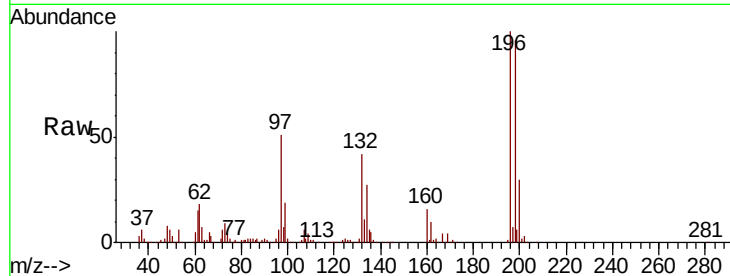
#43
 2,4,6-Trichlorophenol
 Concen: 41.966 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

Instrument :
 BNA_M
 ClientSampleId :
 PB116705BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	466154		
198	95.5	76.6	115.0	
200	30.4	24.2	36.4	

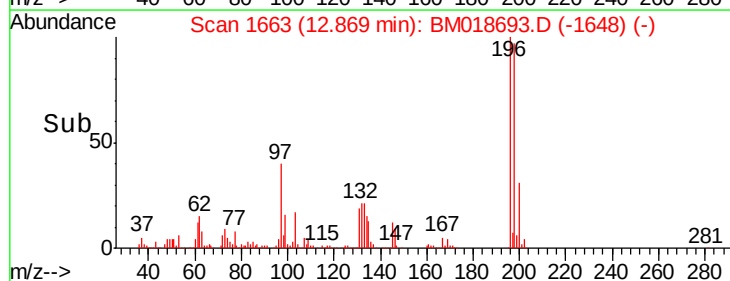
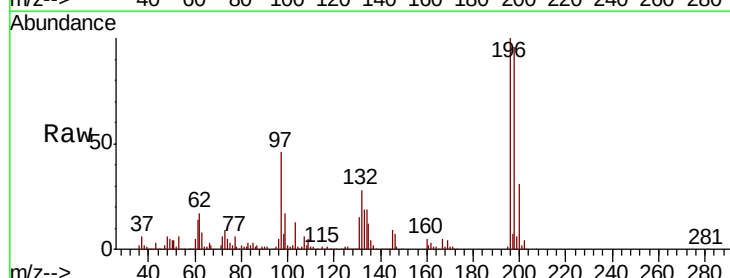
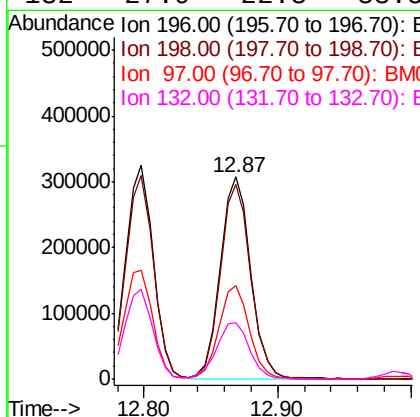
Manual Integrations
 APPROVED

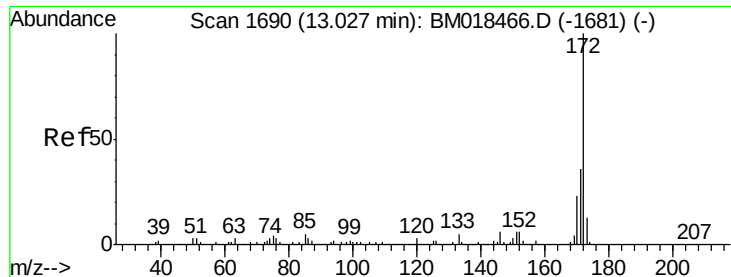
mohammad
 2/1/2019 12:05:04 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.591 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	485873		
198	96.0	76.7	115.1	
97	46.3	39.2	58.8	
132	27.9	22.3	33.5	





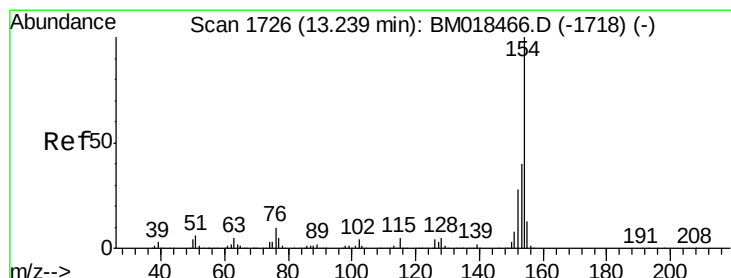
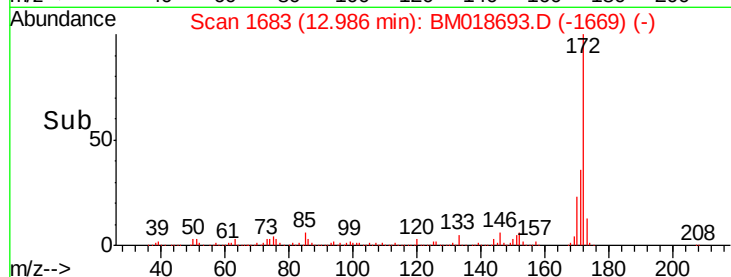
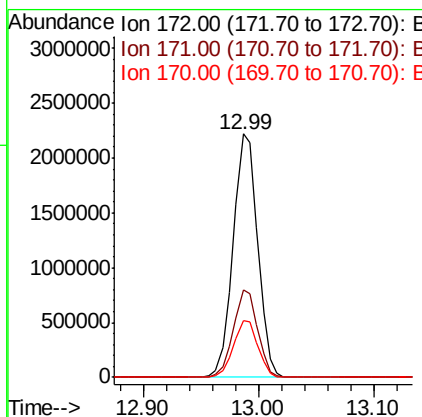
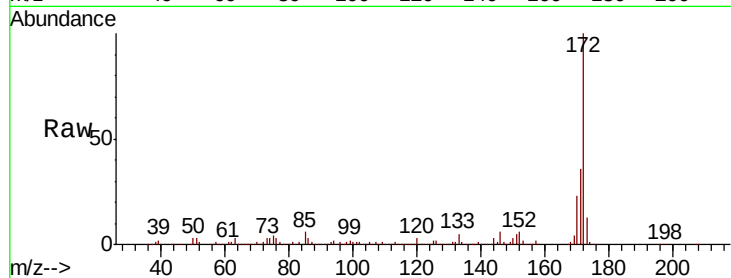
#45
2-Fluorobiphenyl
Concen: 81.353 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.3	18.9	28.3

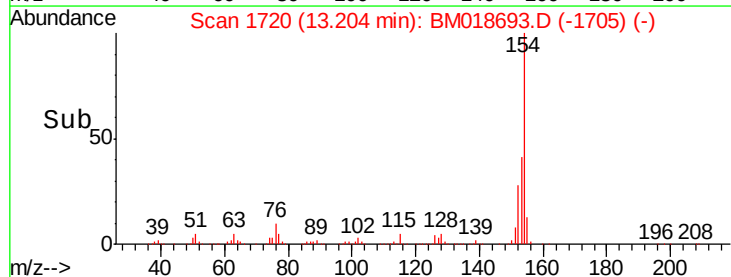
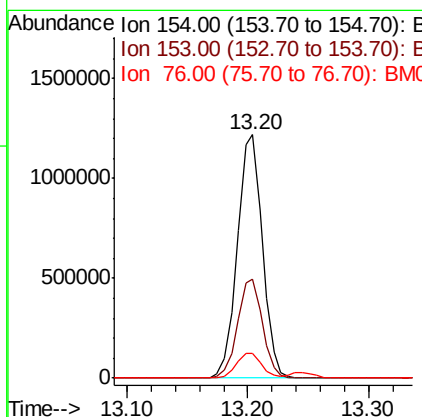
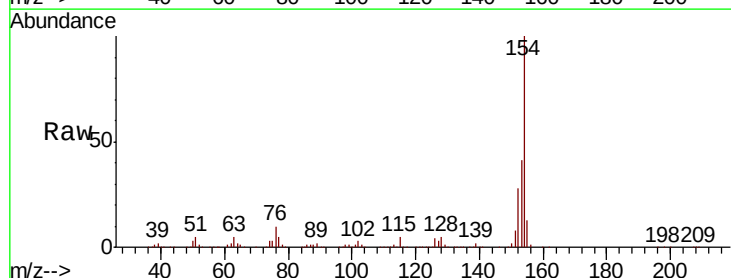
Manual Integrations
APPROVED

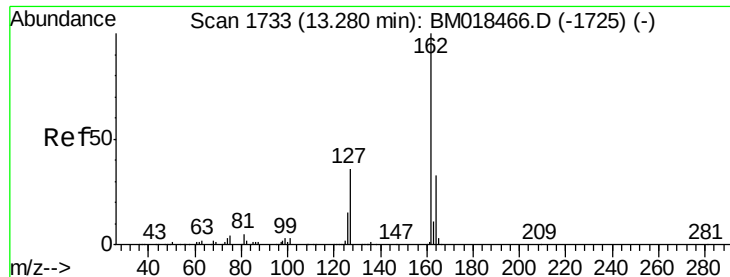
mohammad
2/1/2019 12:05:04 AM



#46
1,1'-Biphenyl
Concen: 38.617 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	10.1	0.0	31.9





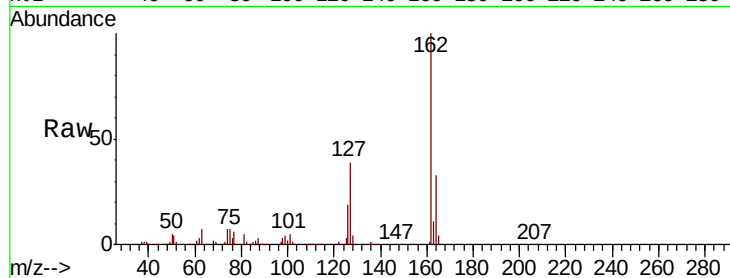
#47
2-Chloronaphthalene
Concen: 38.666 ng
RT: 13.25 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.4	47.0
164	32.9	26.2	39.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM

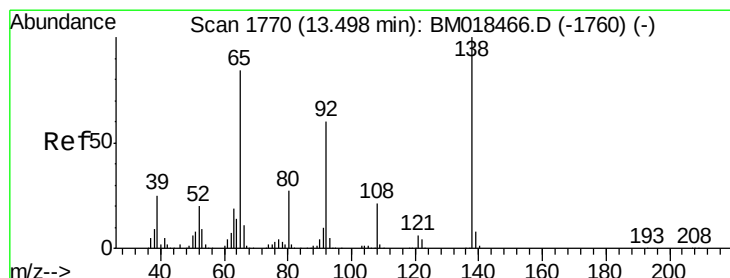
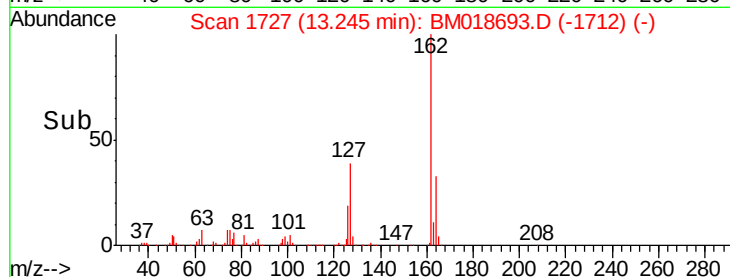
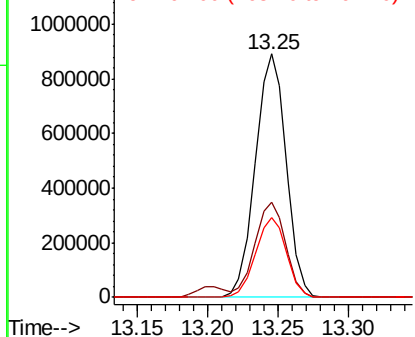


Abundance

Ion 162.00 (161.70 to 162.70): E

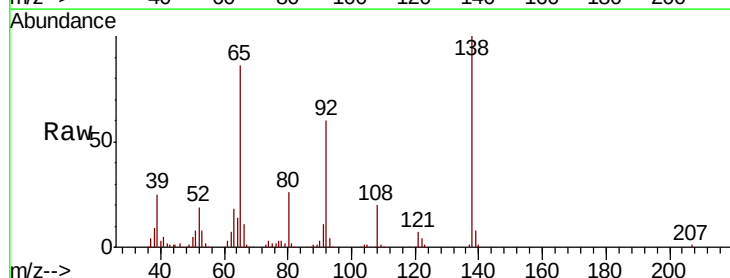
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 36.750 ng
RT: 13.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	53.4	80.2
138	116.6	88.9	133.3

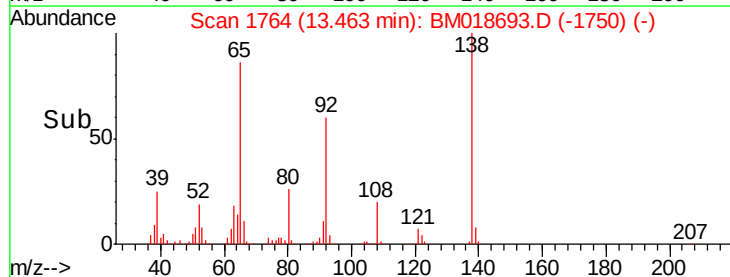
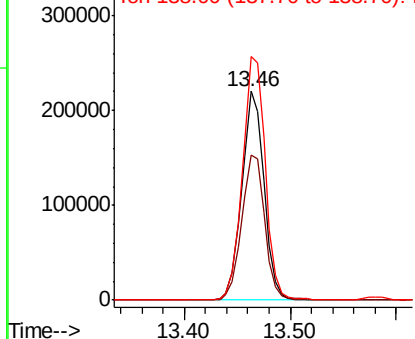


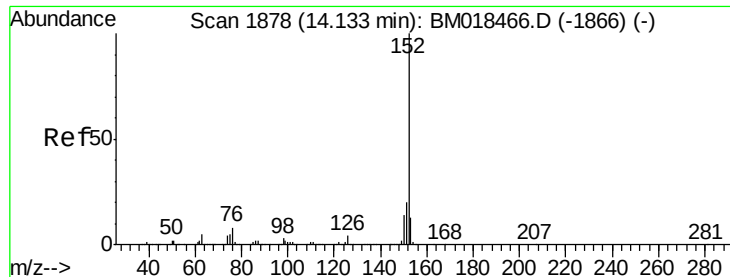
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.288 ng

RT: 14.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

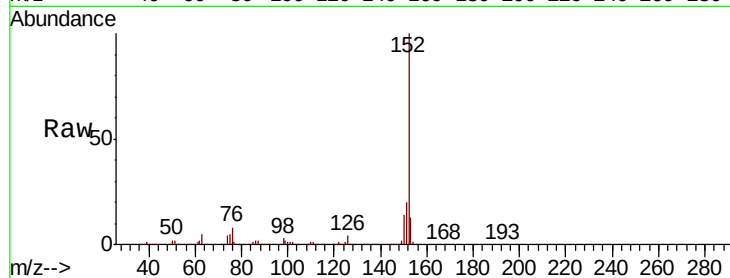
ClientSampleId :

PB116705BS

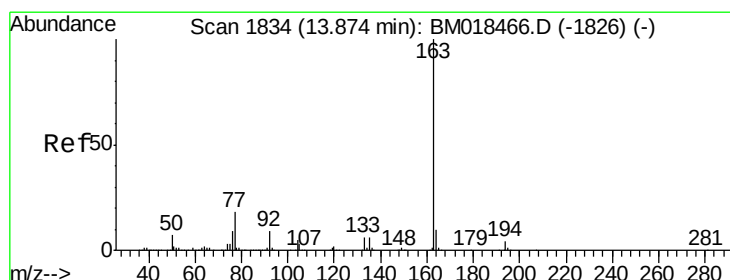
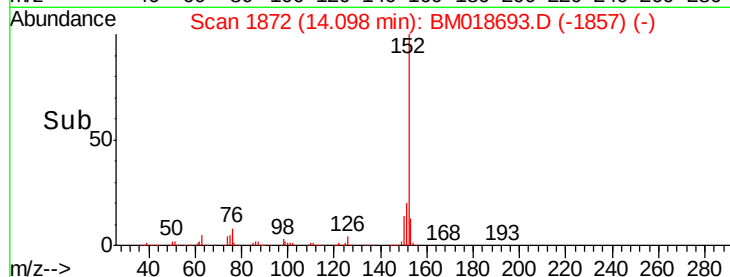
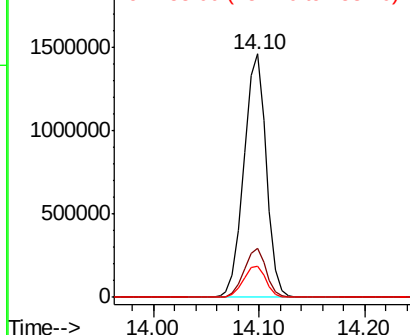
Tot Ion:	152	Resp:	2131032
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.5	15.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.453 ng

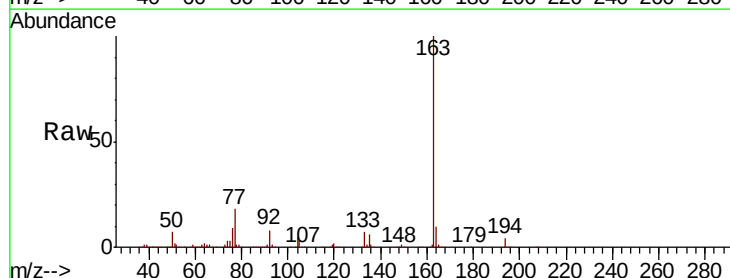
RT: 13.84 min Scan# 1828

Delta R.T. -0.01 min

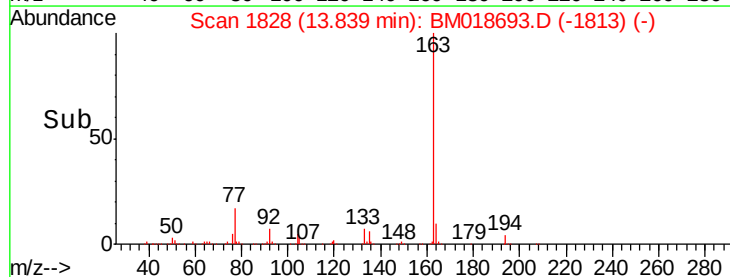
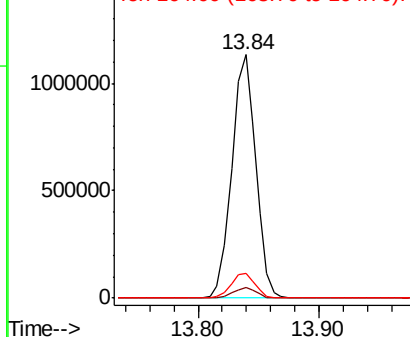
Lab File: BM018693.D

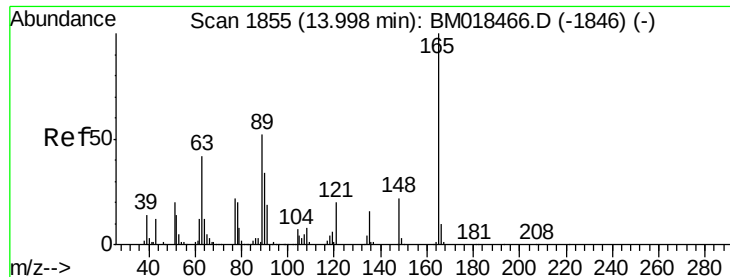
Acq: 30 Jan 2019 13:33

Tgt Ion:	163	Resp:	1565973
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.0	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





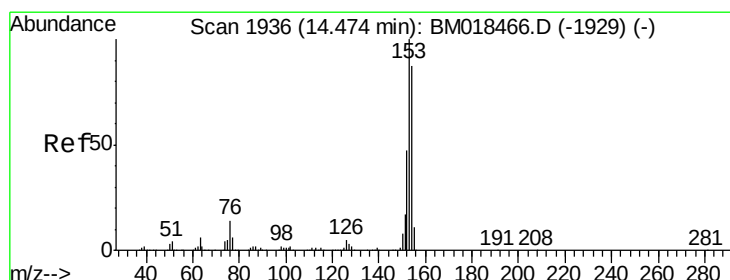
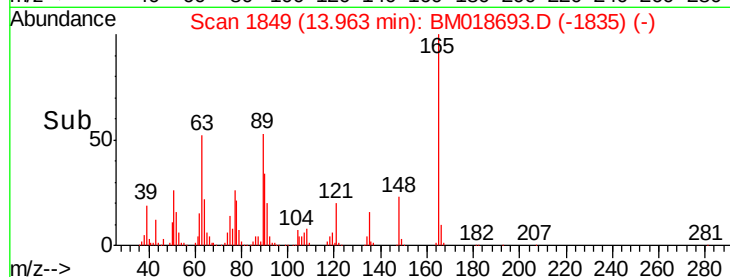
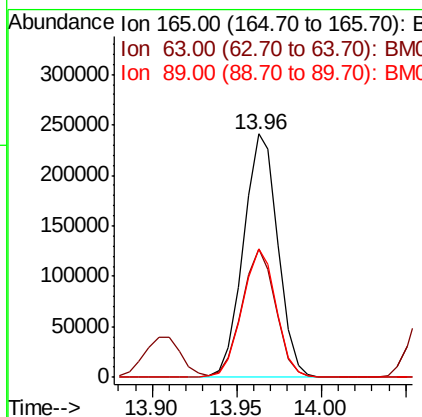
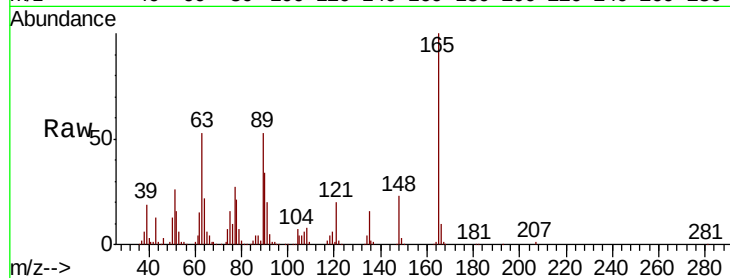
#51
 2,6-Dinitrotoluene
 Concen: 37.564 ng
 RT: 13.96 min Scan# 1849
 Delta R.T. -0.02 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

Instrument :
 BNA_M
 ClientSampleId :
 PB116705BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	341823		
63	53.0		45.6	68.4
89	52.9		44.6	66.8

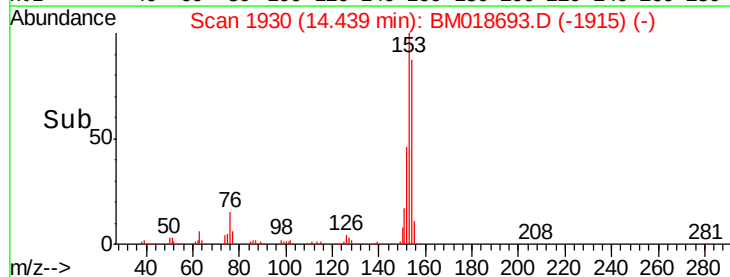
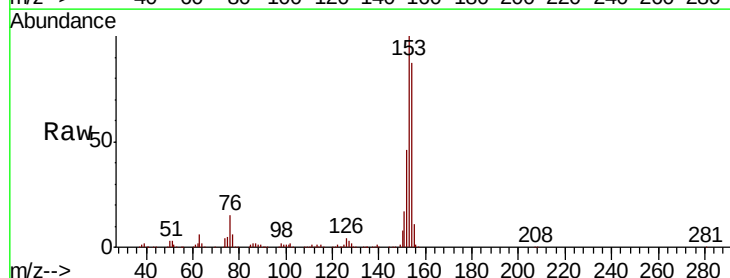
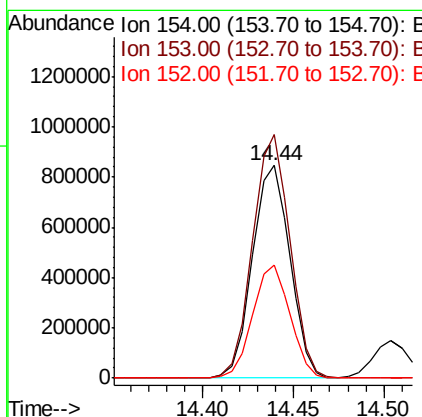
Manual Integrations
 APPROVED

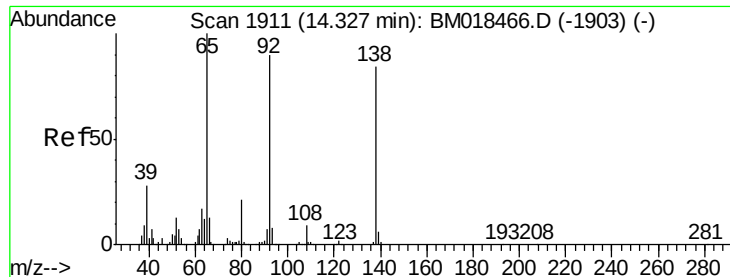
mohammad
 2/1/2019 12:05:04 AM



#52
 Acenaphthene
 Concen: 38.641 ng
 RT: 14.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1220297		
153	114.4		92.3	138.5
152	53.0		43.8	65.6





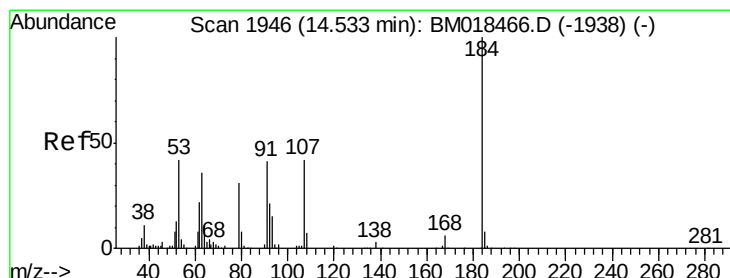
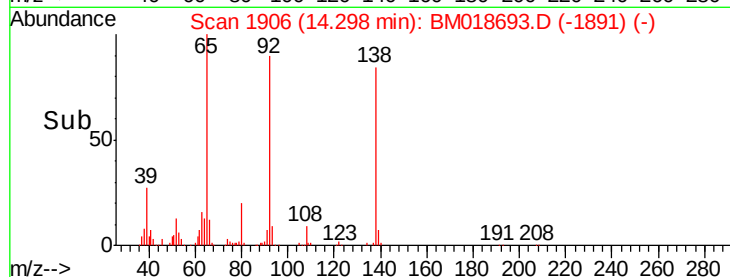
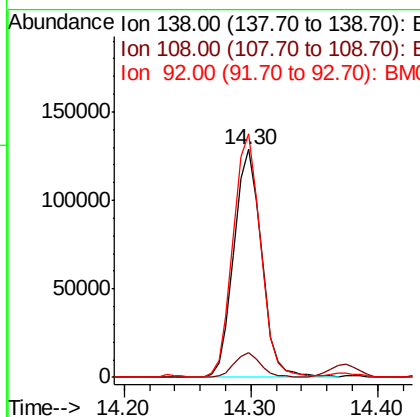
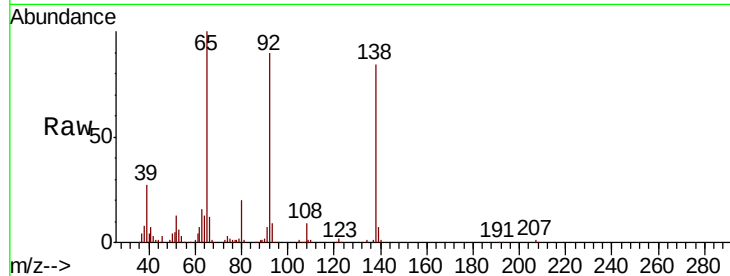
#53
3-Nitroaniline
Concen: 21.252 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	106.9	88.2	132.2

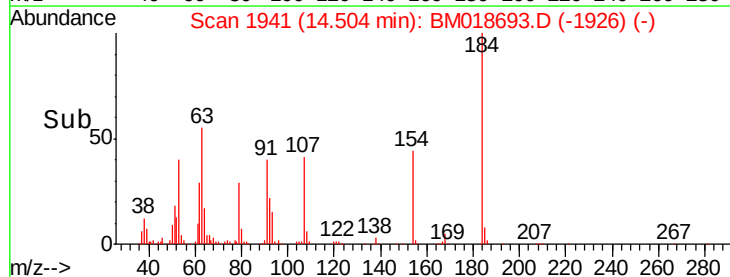
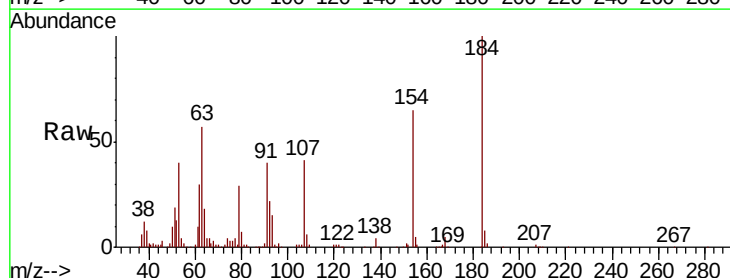
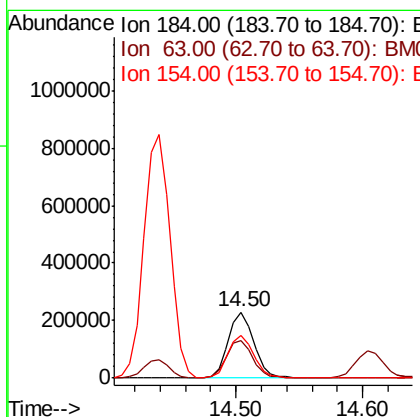
Manual Integrations
APPROVED

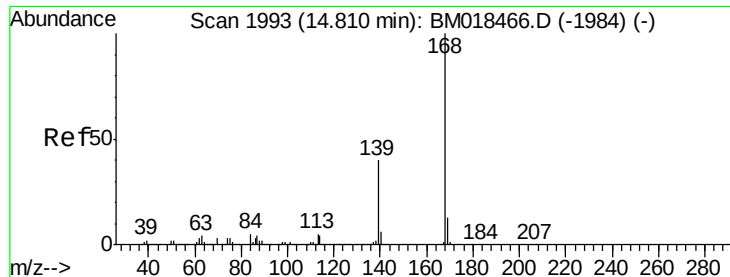
mohammad
2/1/2019 12:05:04 AM



#54
2,4-Dinitrophenol
Concen: 66.925 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.6	55.9	83.9
154	65.1	54.2	81.4





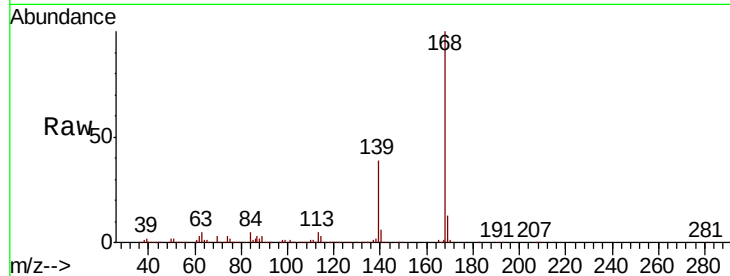
#55
Dibenzofuran
Concen: 37.118 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.3	45.5
169	13.0	10.6	16.0

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM

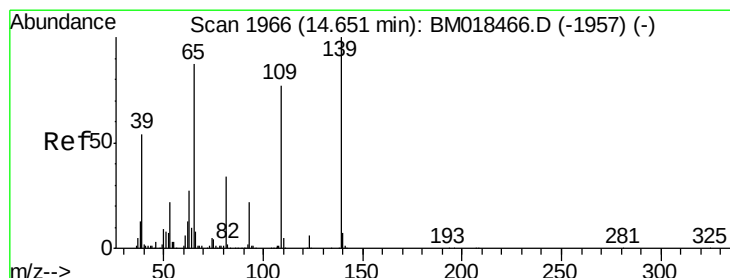
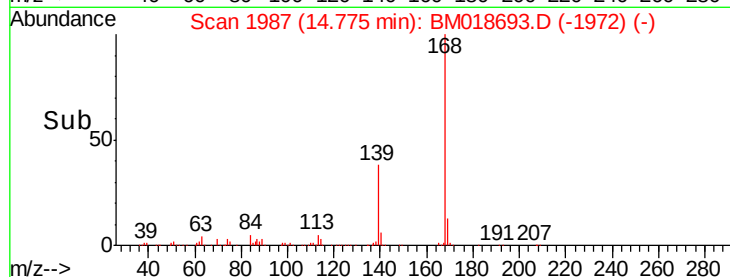
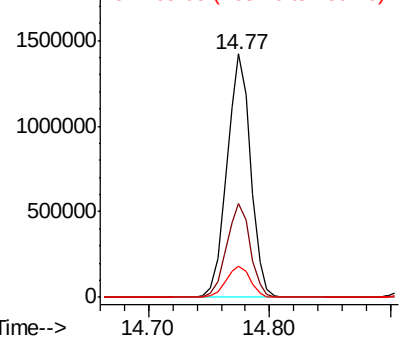


Abundance

Ion 168.00 (167.70 to 168.70): E

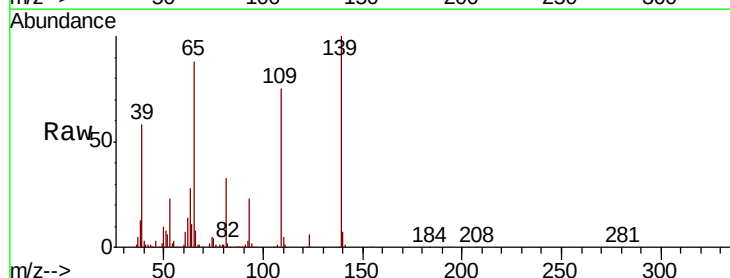
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 67.671 ng
RT: 14.60 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.1	51.7	91.7
65	88.0	71.4	111.4

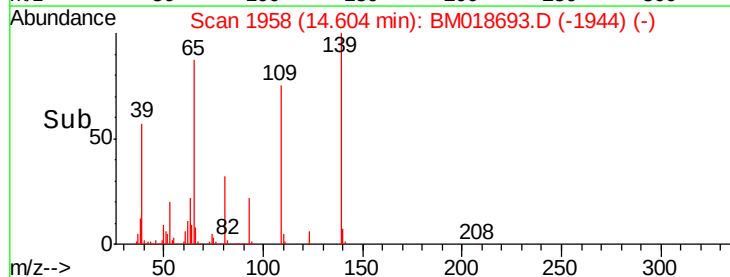
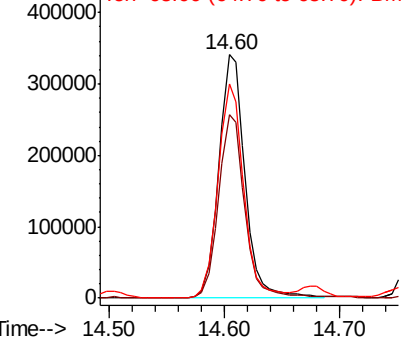


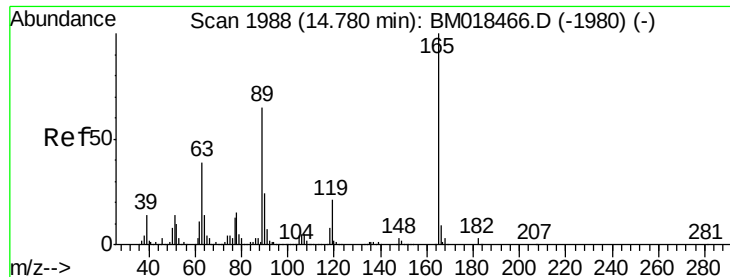
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 35.145 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

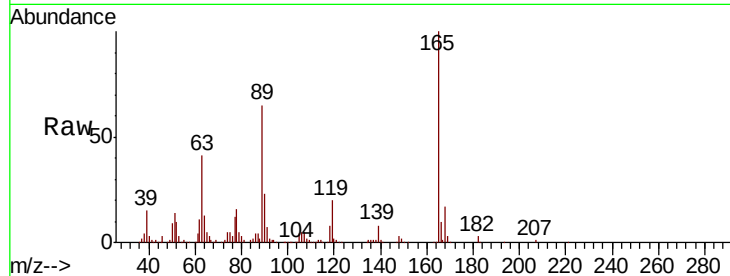
ClientSampleId :

PB116705BS

Tot Ion:	165	Resp:	452495
Ion Ratio		Lower	Upper
165	100		
63	40.6	32.2	48.2
89	64.9	52.1	78.1
182	2.8	2.5	3.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



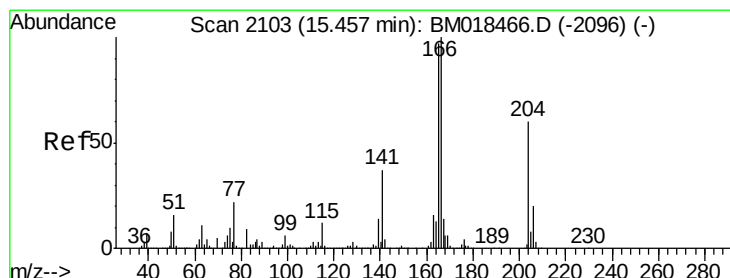
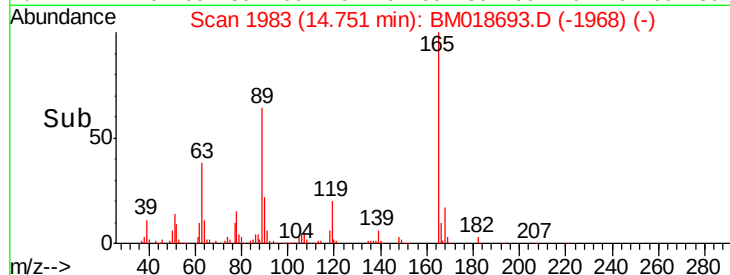
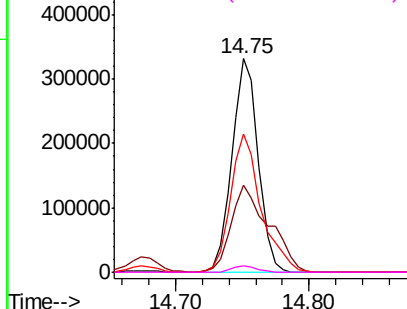
Abundance

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

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.008 ng

RT: 15.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

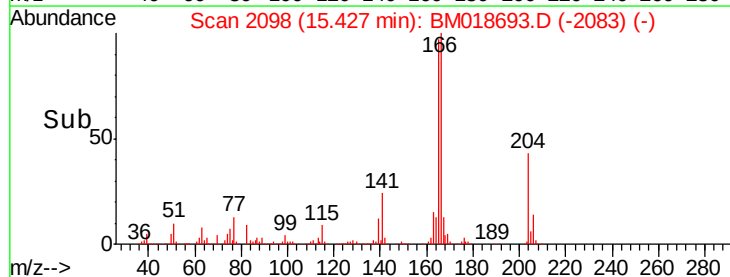
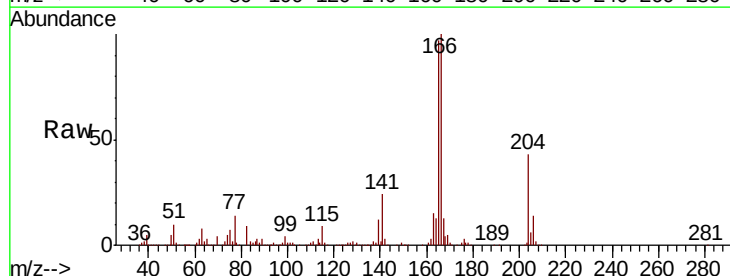
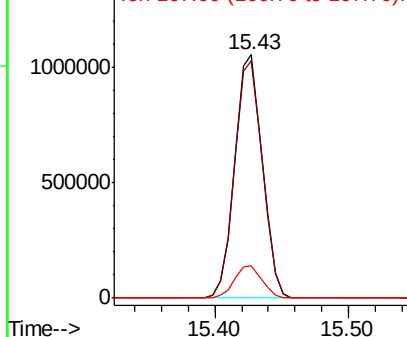
Tgt Ion:	166	Resp:	1516246
Ion Ratio		Lower	Upper
166	100		
165	97.2	78.3	117.5
167	13.4	10.9	16.3

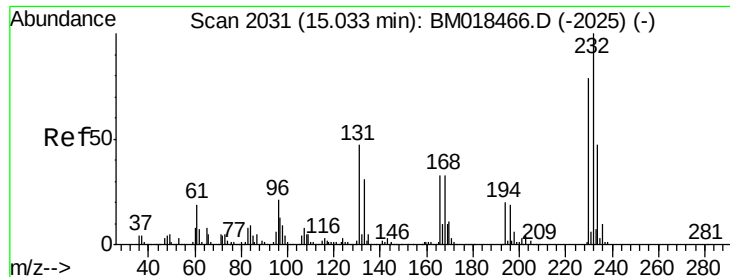
Abundance

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





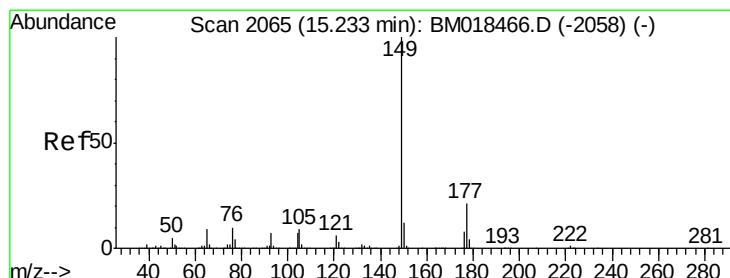
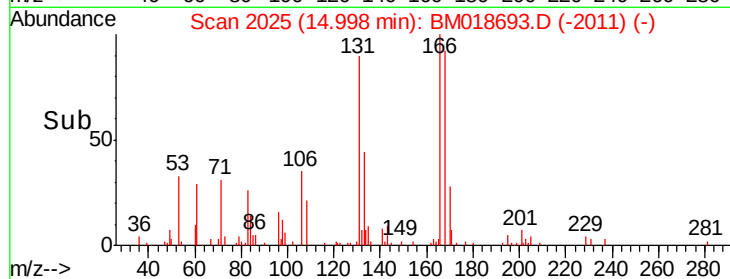
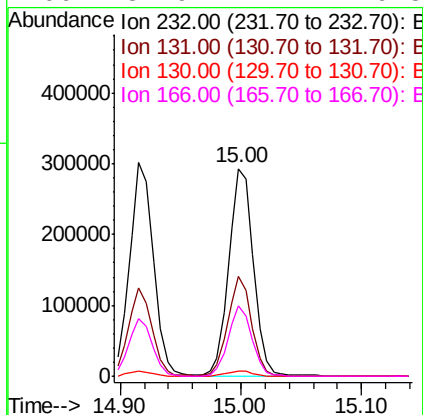
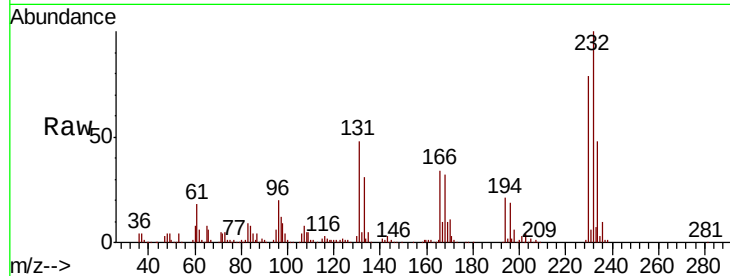
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.048 ng
RT: 15.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion:	232	Resp:	414691
Ion Ratio	Lower	Upper	
232	100		
131	46.2	38.6	57.8
130	2.5	2.2	3.4
166	32.9	27.2	40.8

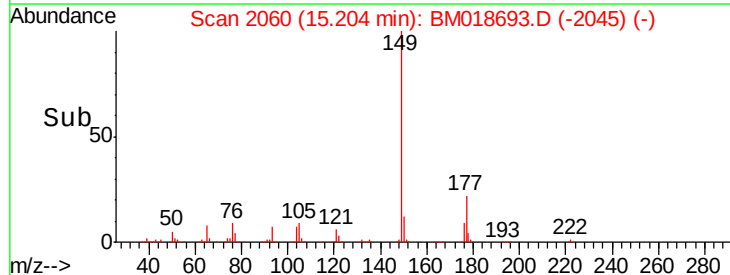
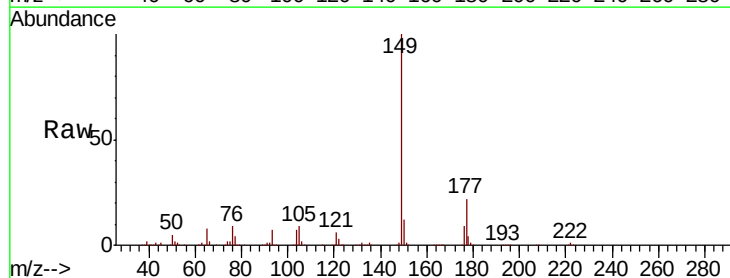
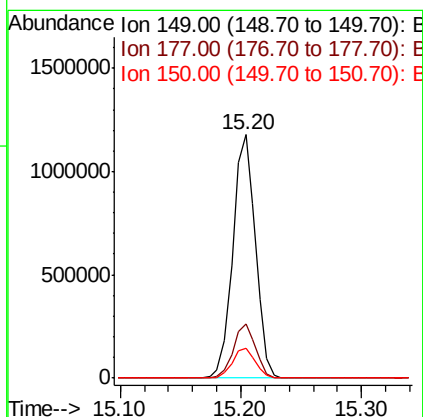
Manual Integrations
APPROVED

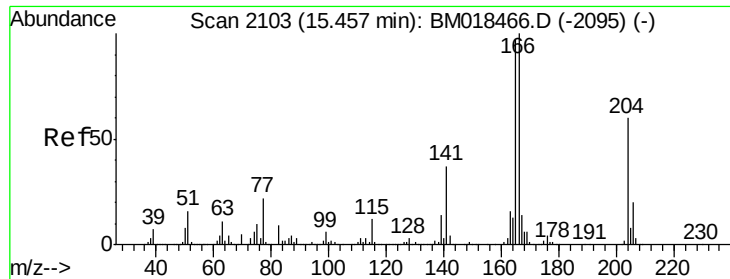
mohammad
2/1/2019 12:05:04 AM



#60
Diethylphthalate
Concen: 35.341 ng
RT: 15.20 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion:	149	Resp:	1532674
Ion Ratio	Lower	Upper	
149	100		
177	22.3	17.1	25.7
150	12.5	9.8	14.6





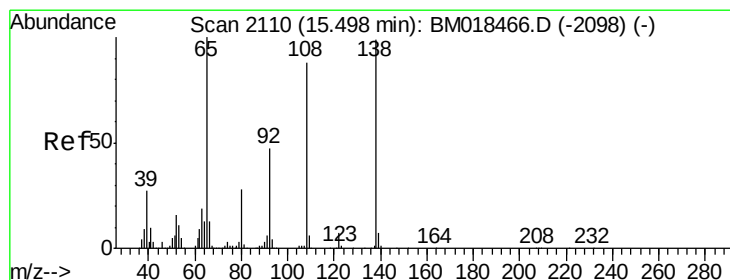
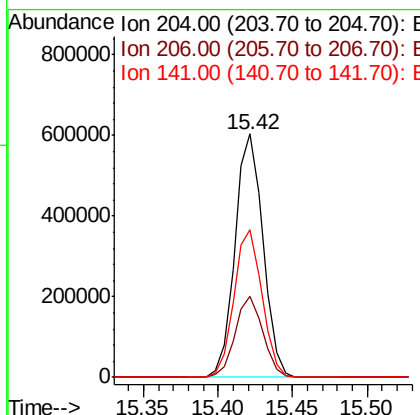
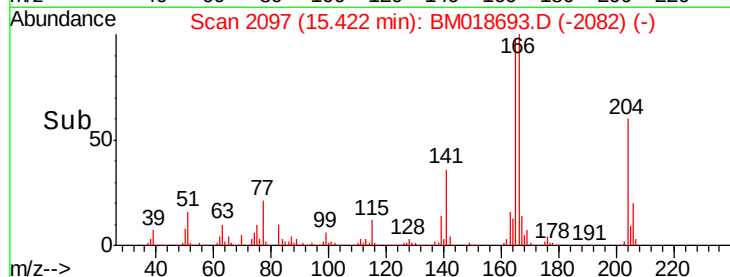
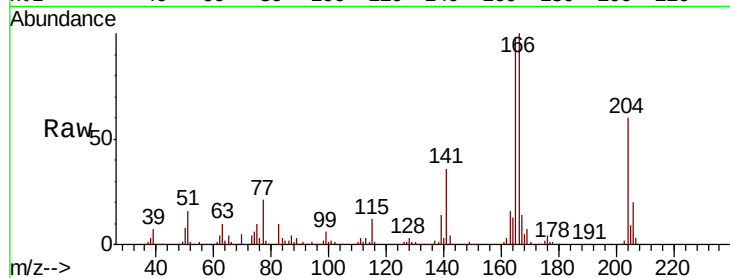
#61
4-Chlorophenyl-phenylether
Concen: 35.258 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	789895		
206	33.1	25.8	38.6	
141	60.4	49.5	74.3	

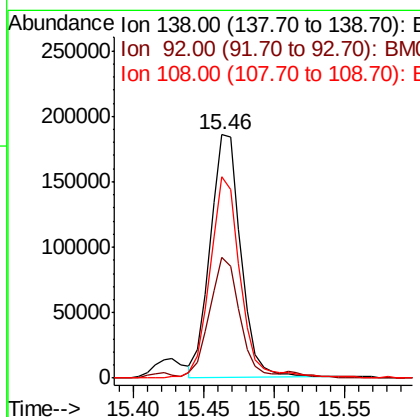
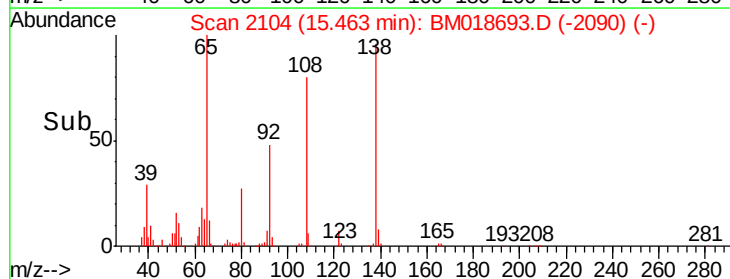
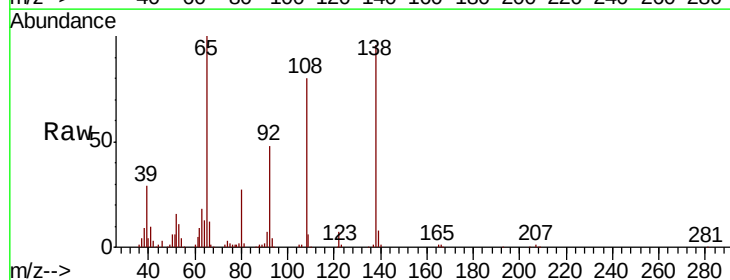
Manual Integrations
APPROVED

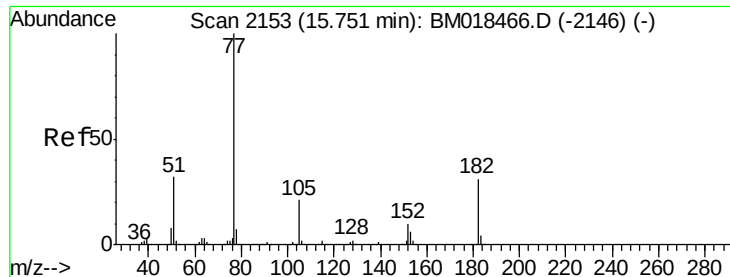
mohammad
2/1/2019 12:05:04 AM



#62
4-Nitroaniline
Concen: 27.763 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	277812		
92	49.4	29.0	69.0	
108	82.9	63.9	103.9	





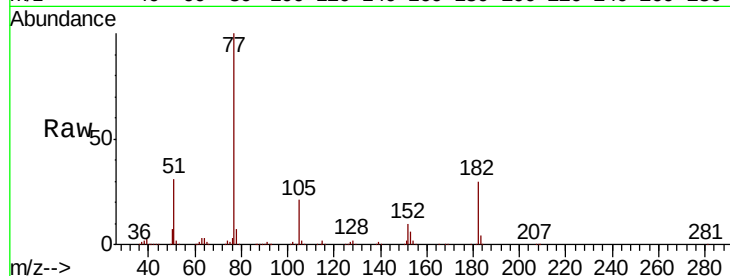
#63
Azobenzene
Concen: 35.971 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.7	7.4	47.4	
105	21.4	0.0	39.6	
51	30.8	12.0	52.0	

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



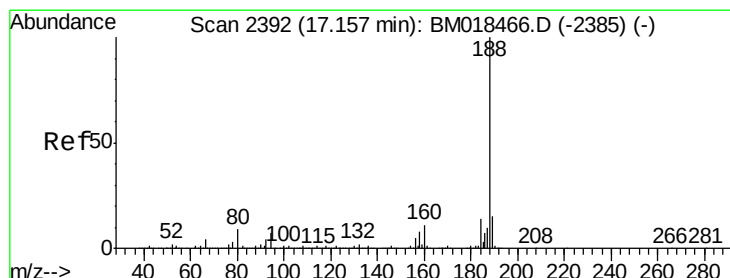
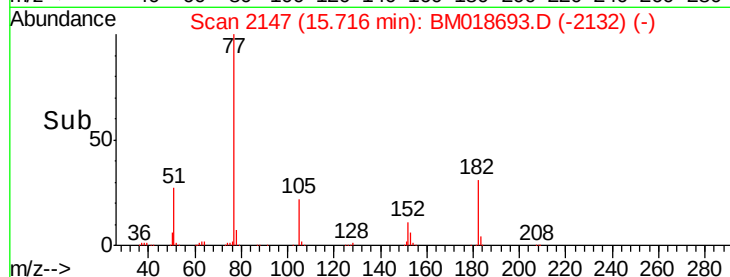
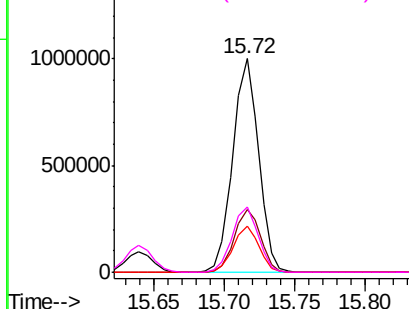
Abundance

Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

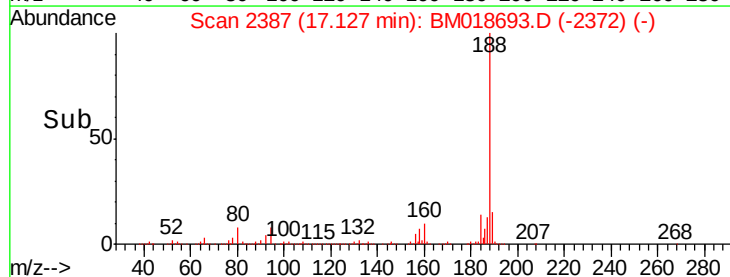
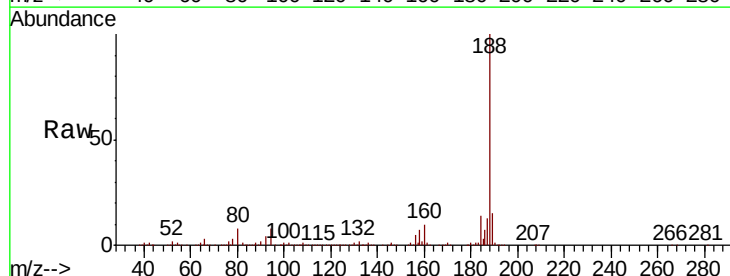
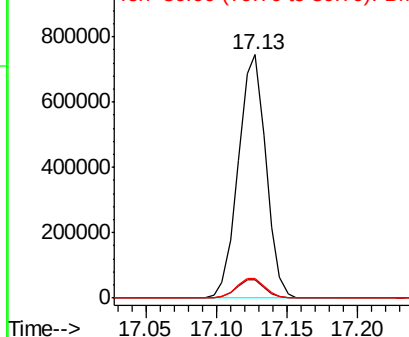
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	7.1	10.7	
80	8.3	7.6	11.4	

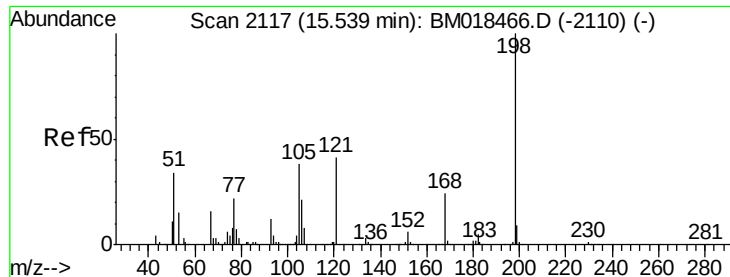
Abundance

Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)

Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)

Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)





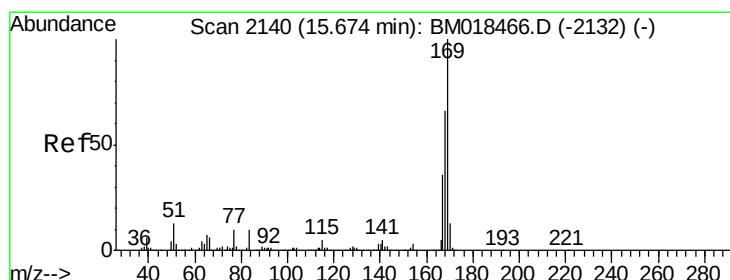
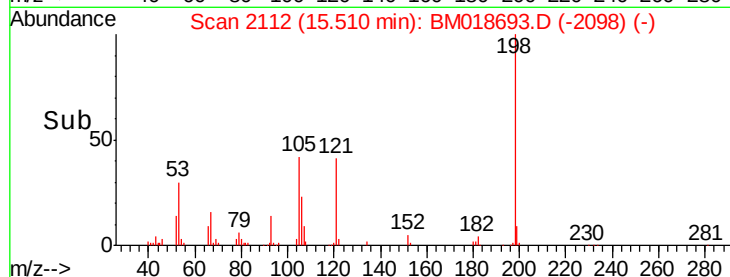
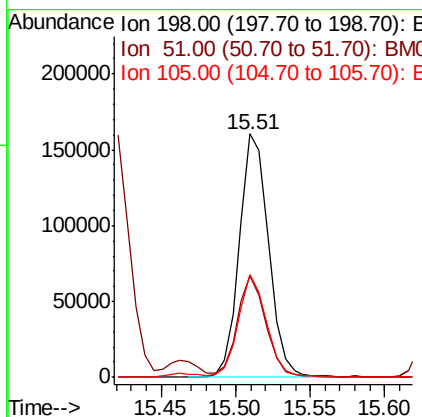
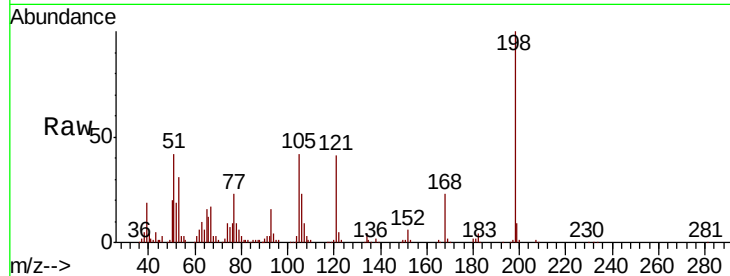
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.281 ng
 RT: 15.51 min Scan# 2112
 Delta R.T. -0.02 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

Instrument :
 BNA_M
 ClientSampleId :
 PB116705BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	219164		
51	41.9	29.6	69.6	
105	42.2	25.5	65.5	

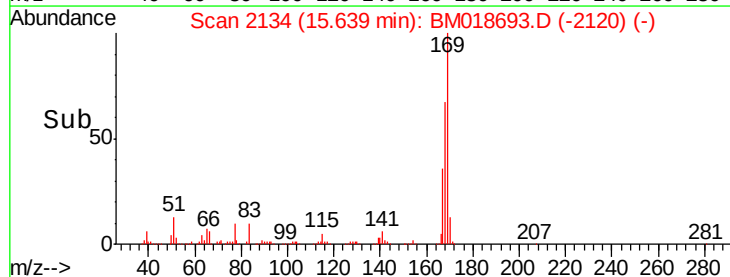
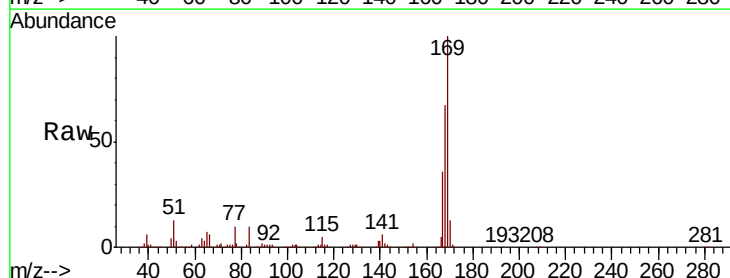
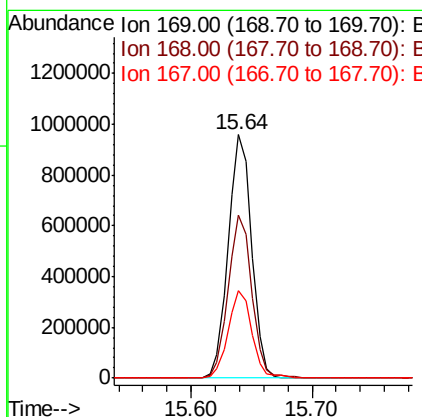
Manual Integrations
 APPROVED

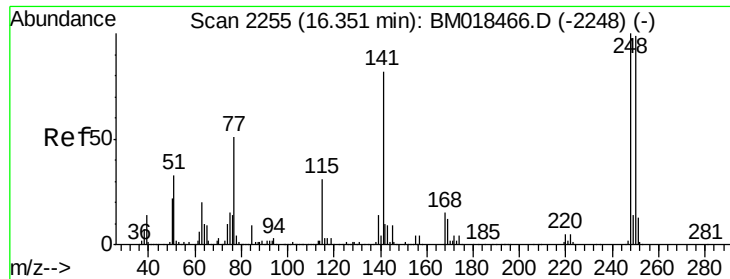
mohammad
 2/1/2019 12:05:04 AM



#66
 n-Nitrosodiphenylamine
 Concen: 40.806 ng
 RT: 15.64 min Scan# 2134
 Delta R.T. -0.02 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1292584		
168	66.9	54.1	81.1	
167	35.8	28.6	42.8	





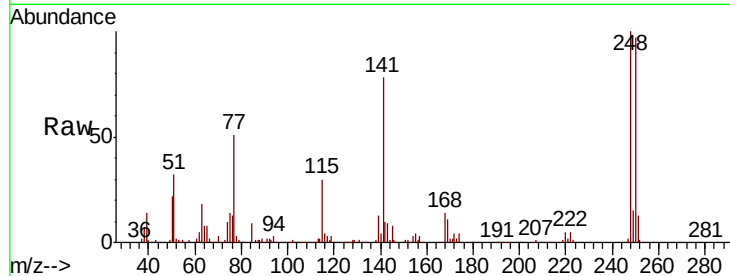
#67
4-Bromophenyl-phenylether
Concen: 40.172 ng
RT: 16.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.0	114.0
141	78.1	61.5	92.3

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM

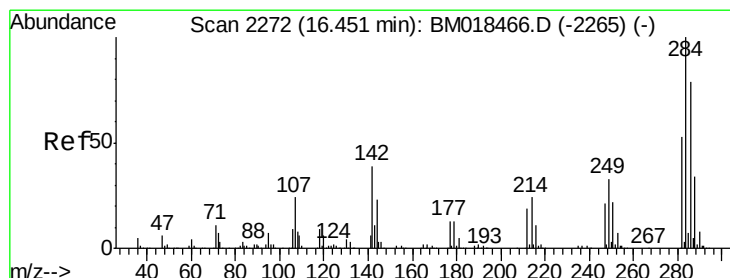
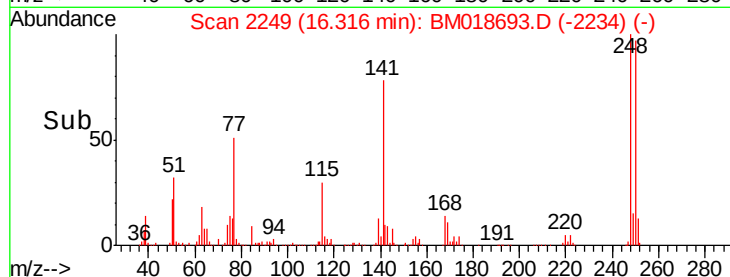
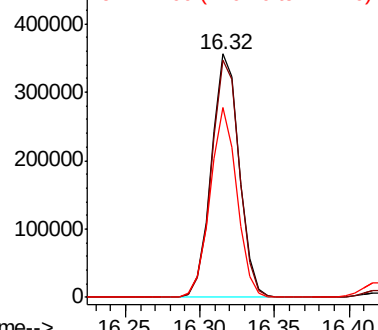


Abundance

Ion 248.00 (247.70 to 248.70): E

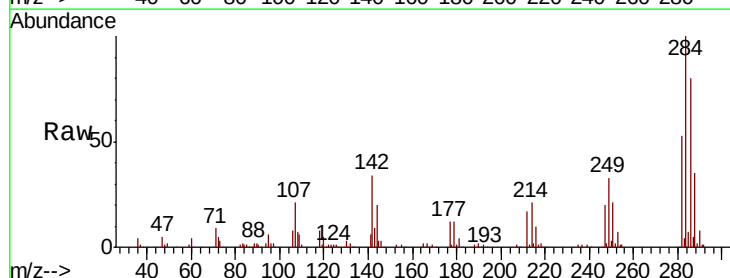
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.342 ng
RT: 16.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	29.2	43.8
249	32.5	26.1	39.1

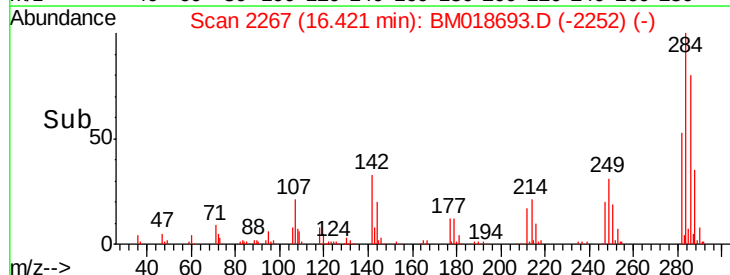
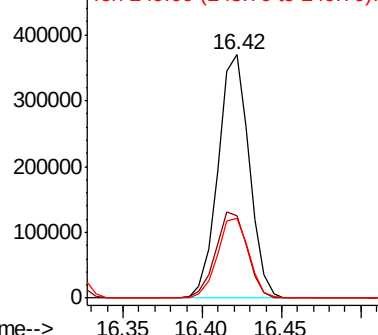


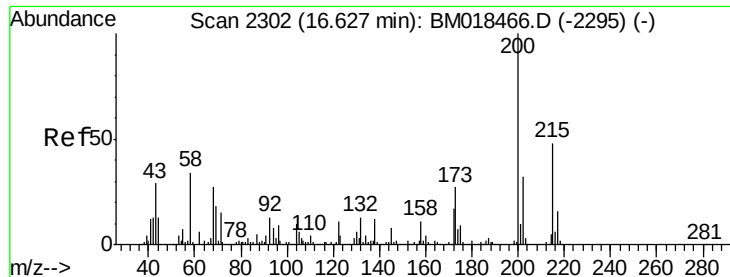
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





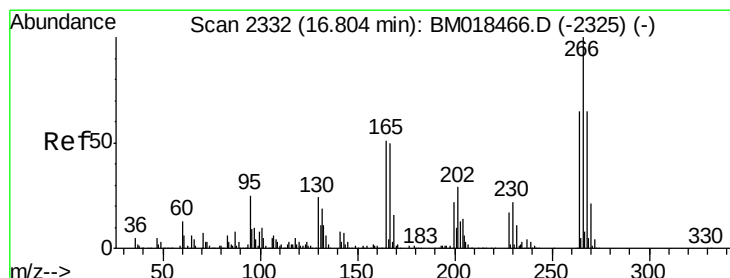
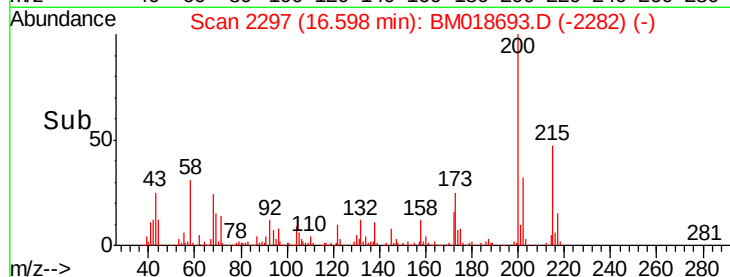
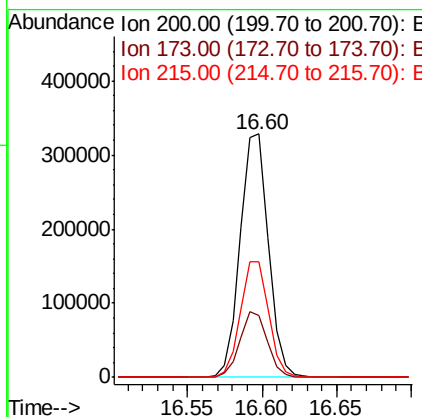
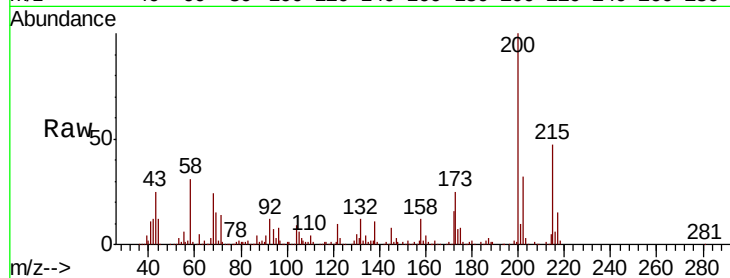
#69
Atrazine
Concen: 37.760 ng
RT: 16.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	432415		
173	25.2	7.2	47.2	
215	47.3	28.3	68.3	

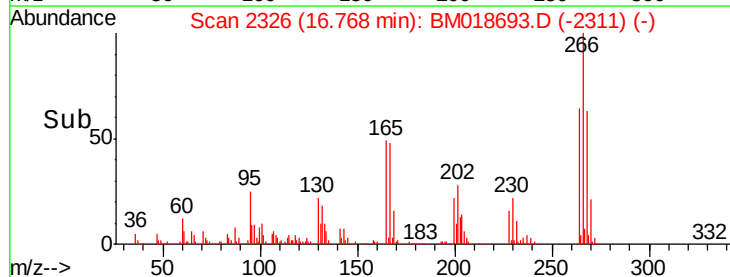
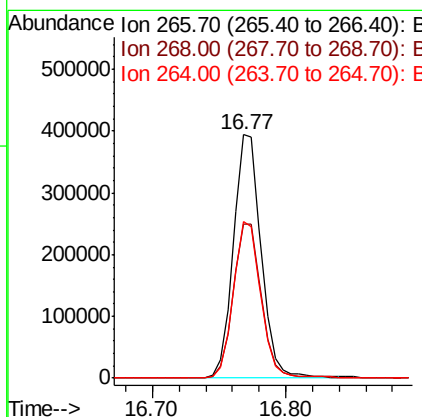
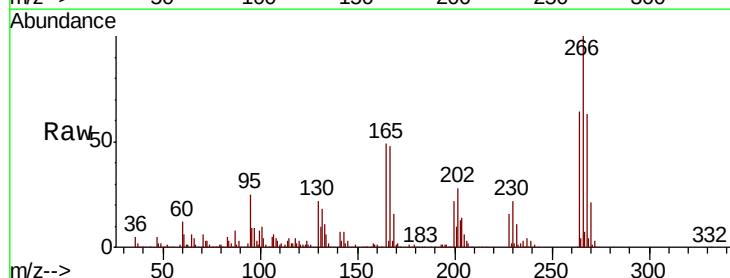
Manual Integrations
APPROVED

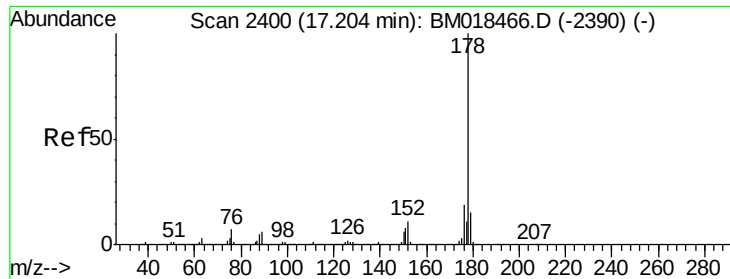
mohammad
2/1/2019 12:05:04 AM



#70
Pentachlorophenol
Concen: 68.266 ng
RT: 16.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	571963		
268	63.4	49.8	74.6	
264	64.1	50.1	75.1	





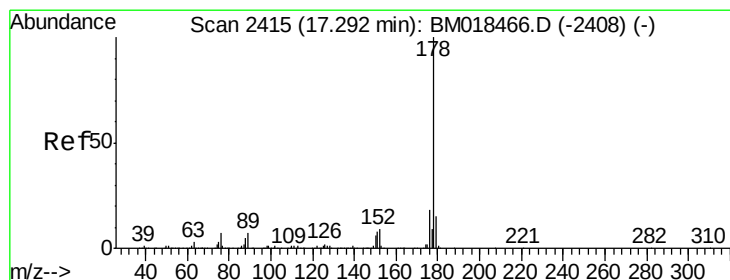
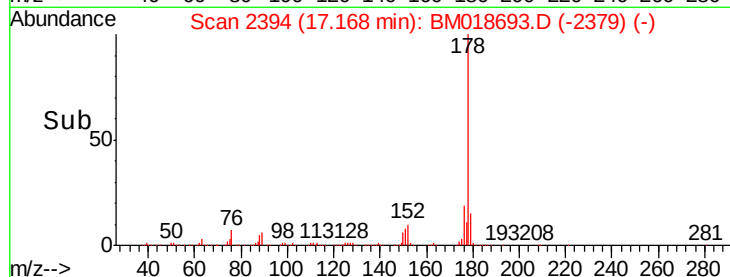
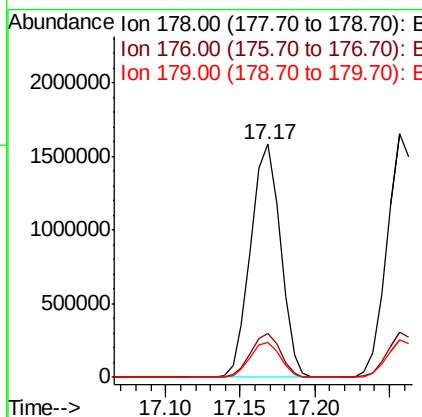
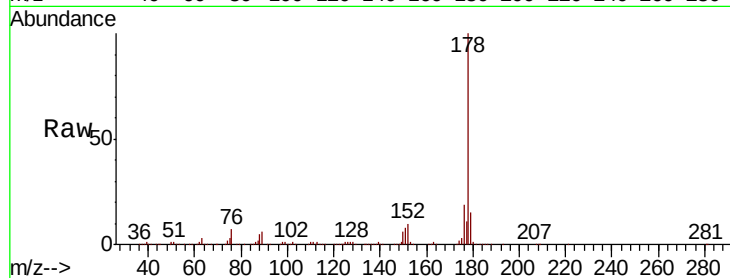
#71
Phenanthrene
Concen: 40.516 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion:178 Resp: 2200683
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.1 12.2 18.4

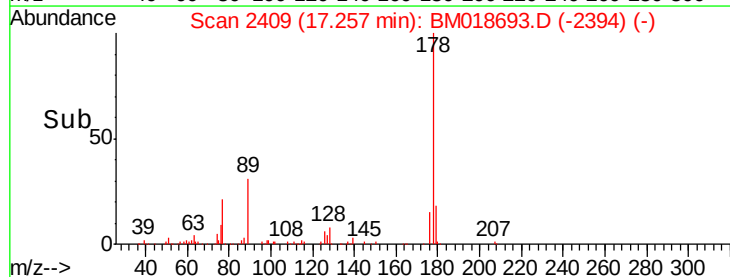
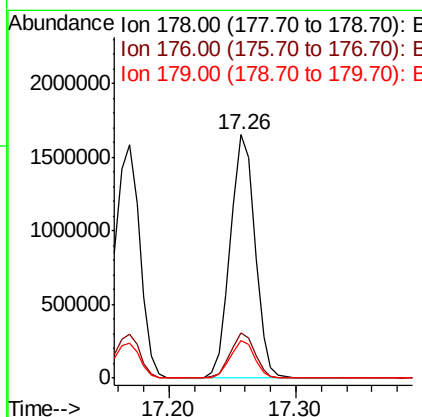
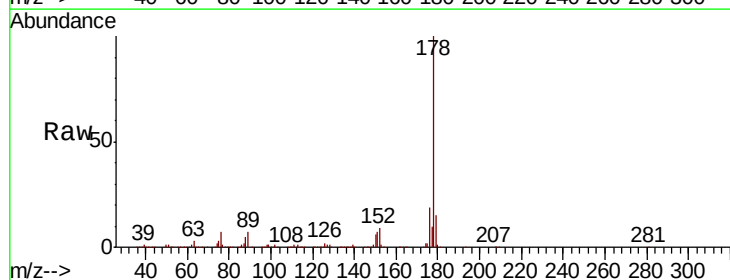
Manual Integrations
APPROVED

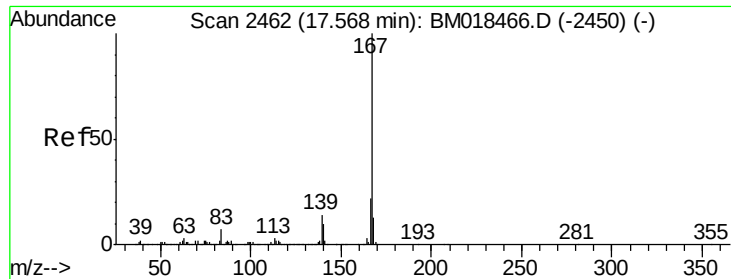
mohammad
2/1/2019 12:05:04 AM



#72
Anthracene
Concen: 42.536 ng
RT: 17.26 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion:178 Resp: 2221694
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.3 12.2 18.4





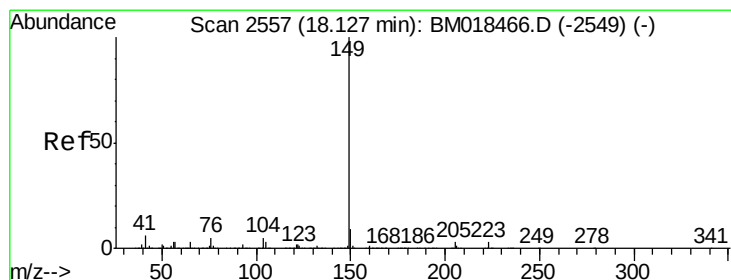
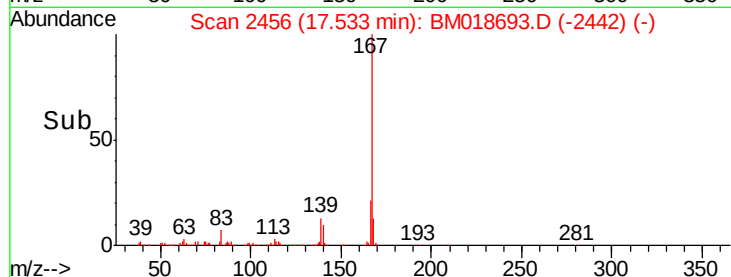
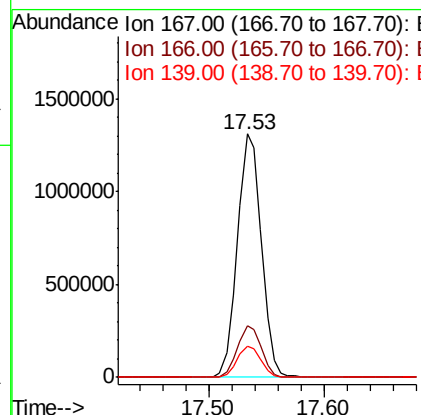
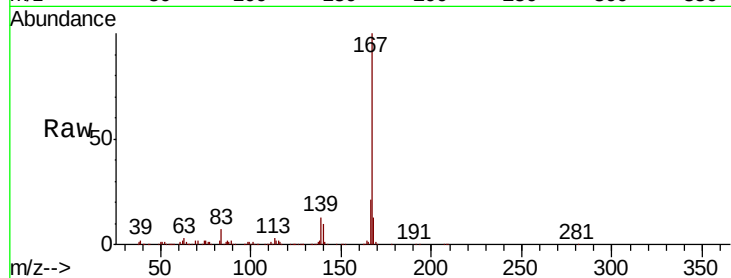
#73
 Carbazole
 Concen: 35.112 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

Instrument :
 BNA_M
 ClientSampleId :
 PB116705BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.2
139	13.0	10.6	16.0

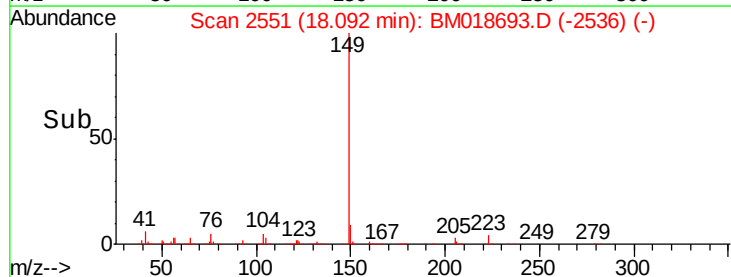
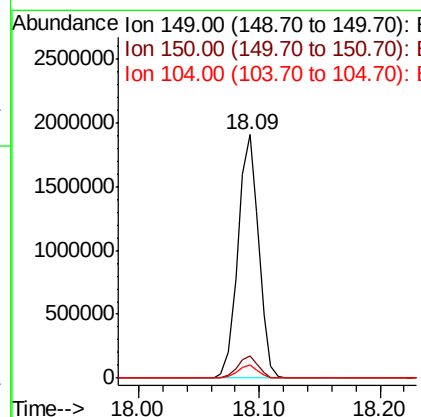
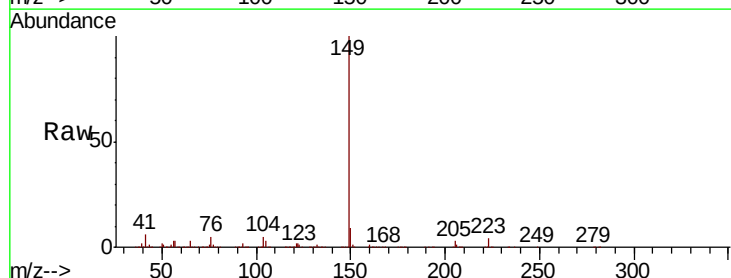
Manual Integrations
 APPROVED

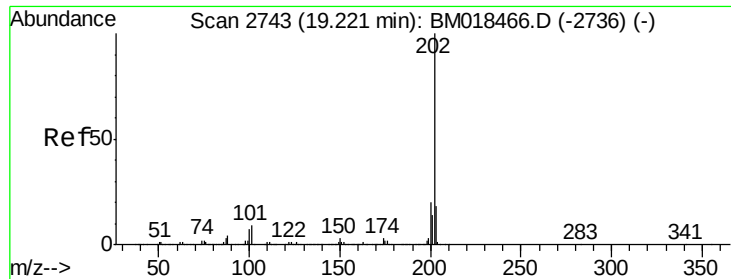
mohammad
 2/1/2019 12:05:04 AM



#74
 Di-n-butylphthalate
 Concen: 38.708 ng
 RT: 18.09 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.2	4.2	6.4





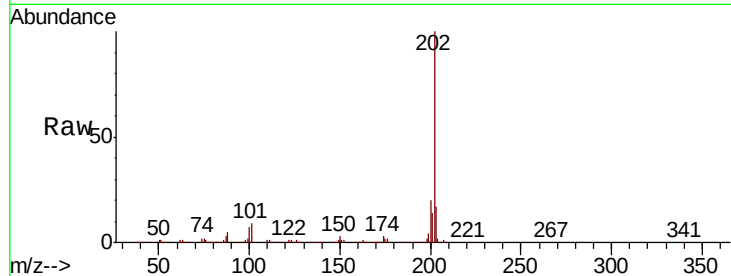
#75
Fluoranthene
Concen: 36.920 ng
RT: 19.19 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.9
203	17.2	0.0	37.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM

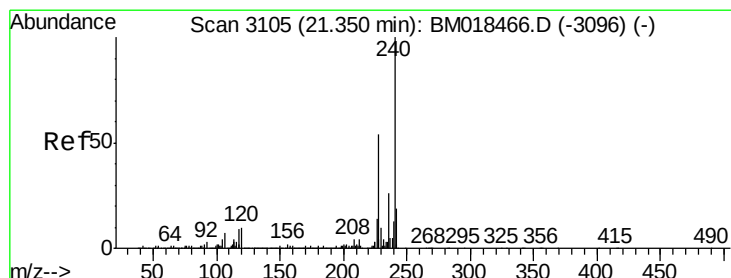
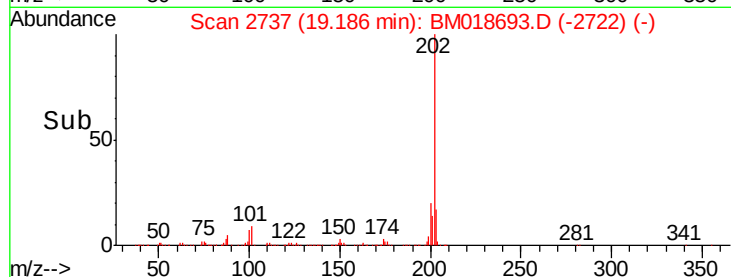
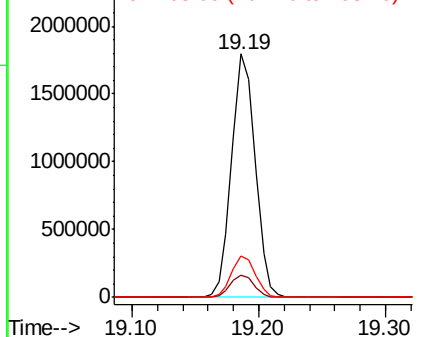


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

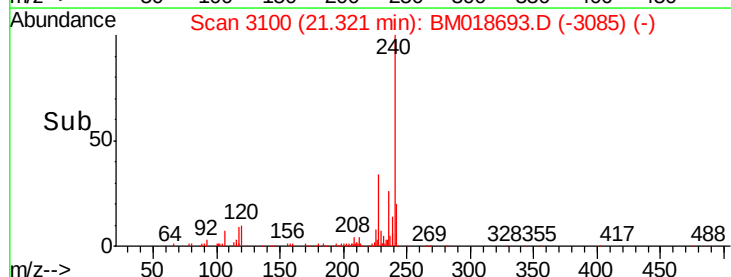
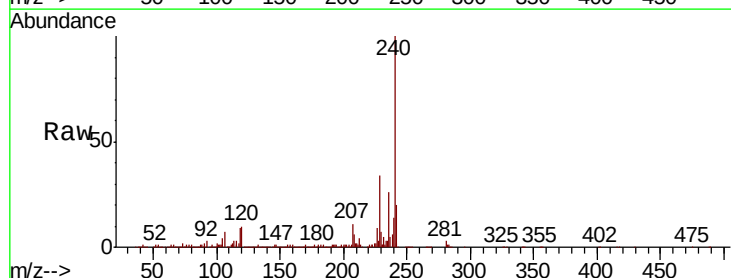
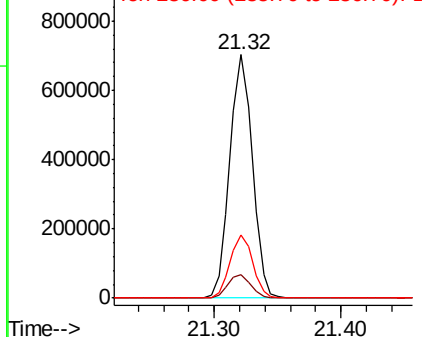
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	25.8	20.7	31.1

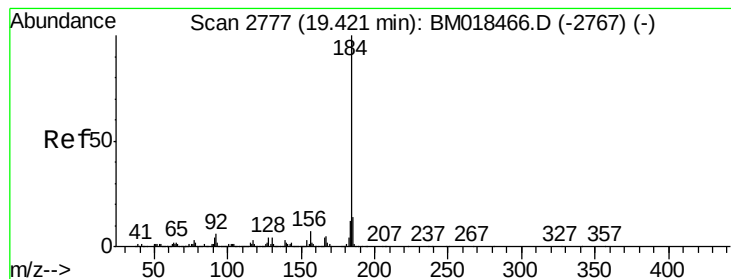
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.014 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

ClientSampleId :

PB116705BS

Tot Ion:184 Resp: 879063

Ion Ratio Lower Upper

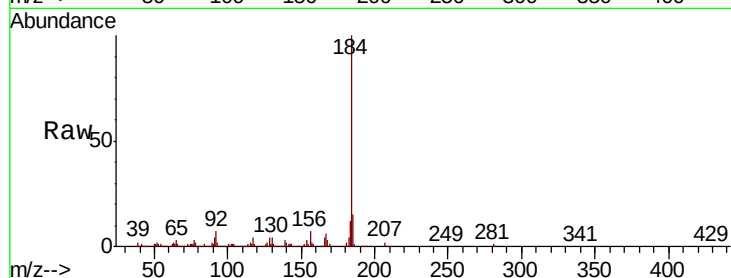
184 100

185 14.5 11.4 17.0

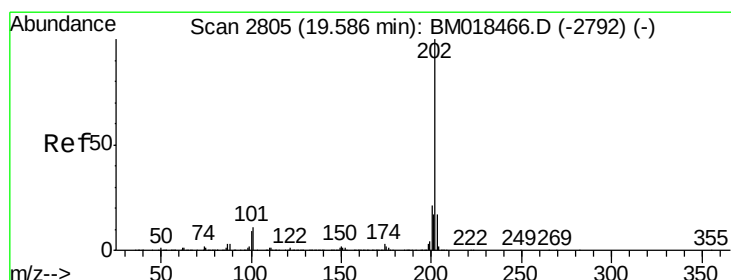
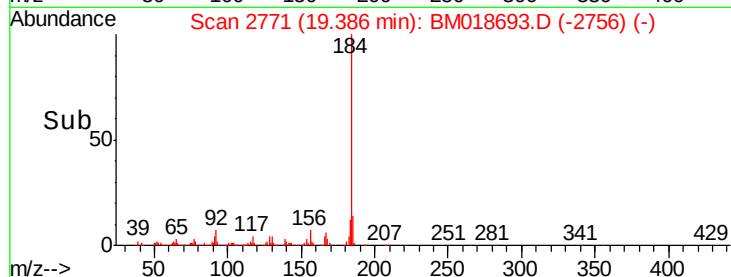
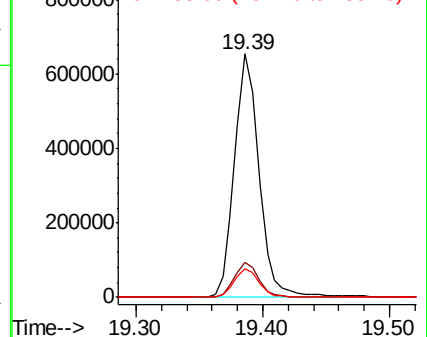
183 11.9 9.5 14.3

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.554 ng

RT: 19.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

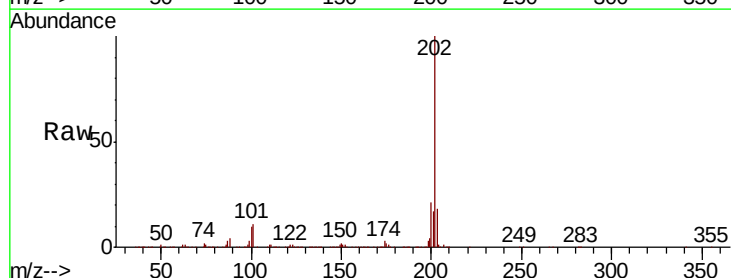
Tgt Ion:202 Resp: 2343936

Ion Ratio Lower Upper

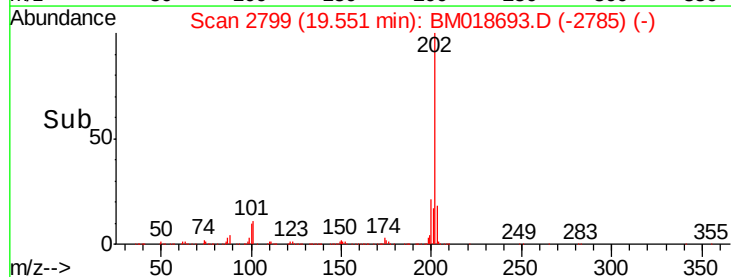
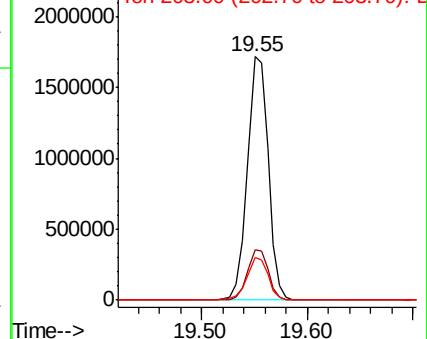
202 100

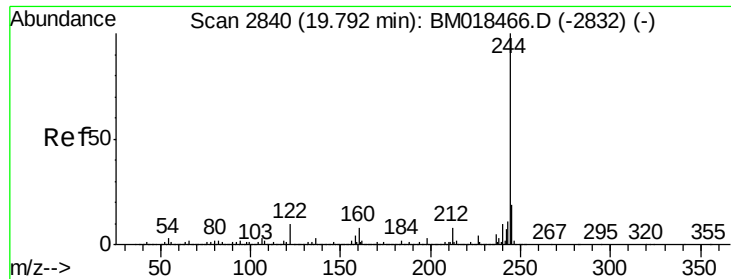
200 20.9 16.6 24.8

203 17.7 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





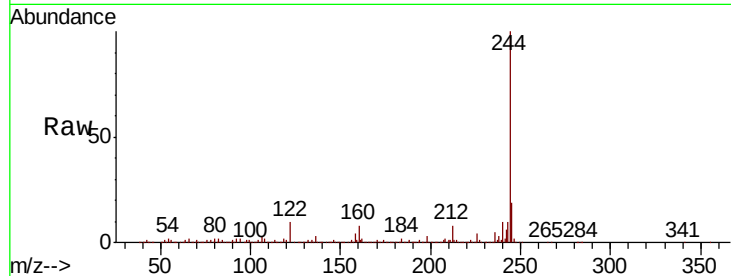
#79
 Terphenyl-d14
 Concen: 92.654 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

Instrument :
 BNA_M
 ClientSampleId :
 PB116705BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.2	9.0	13.4

Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:04 AM

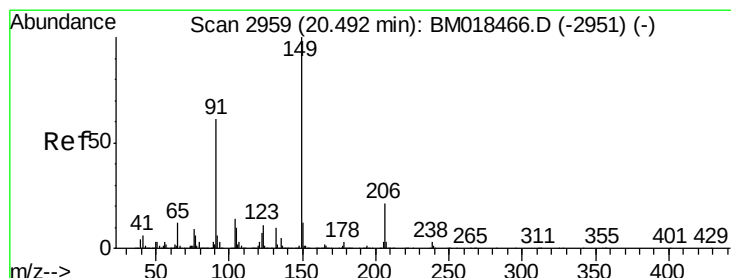
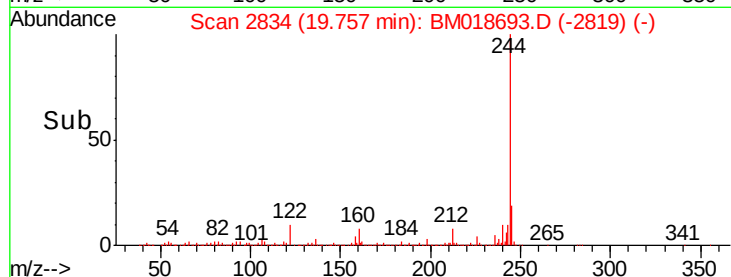
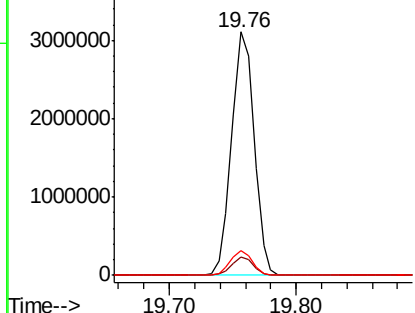


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 41.365 ng
 RT: 20.46 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM018693.D
 Acq: 30 Jan 2019 13:33

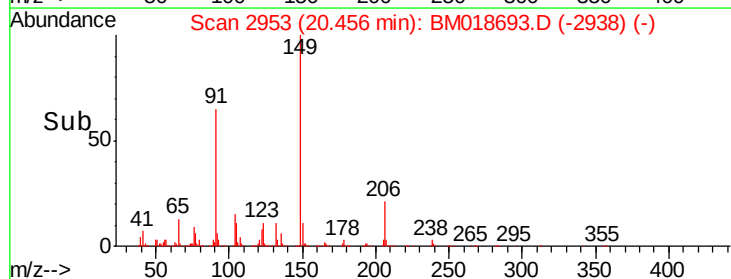
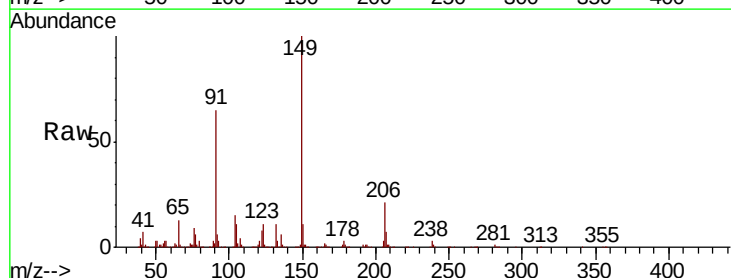
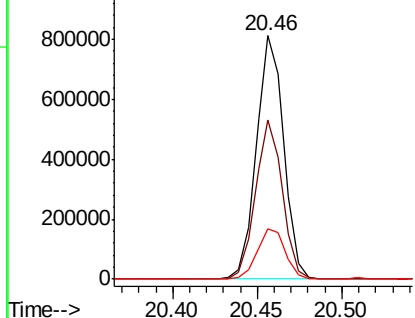
Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.1	53.1	79.7
206	20.7	16.2	24.4

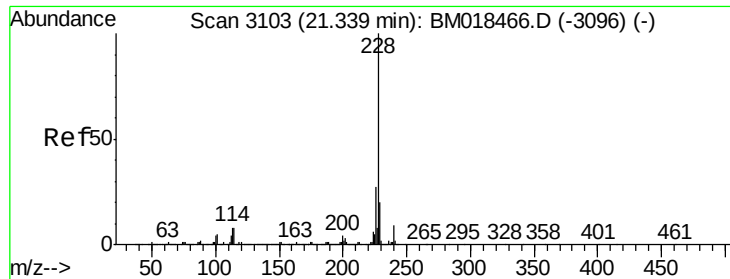
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.459 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

Instrument :

BNA_M

ClientSampleId :

PB116705BS

Tot Ion:228 Resp: 2120148

Ion Ratio Lower Upper

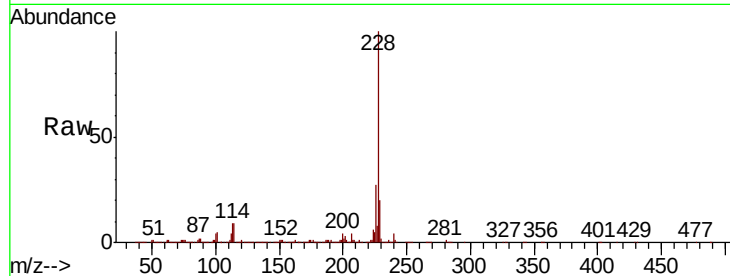
228 100

226 27.2 21.8 32.6

229 19.9 15.8 23.8

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM

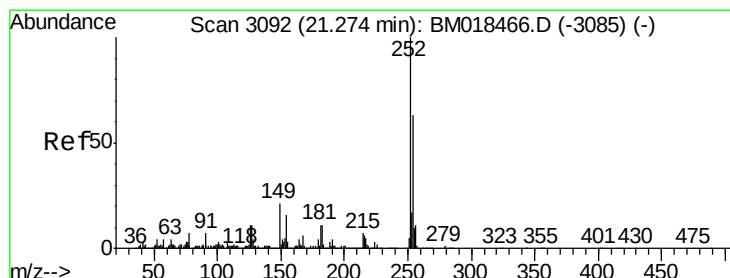
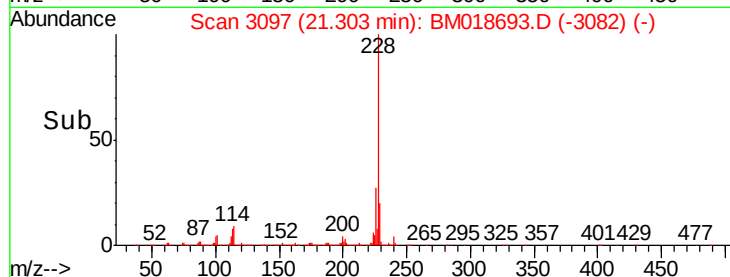
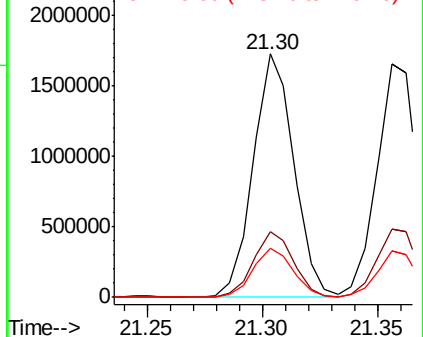


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.029 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM018693.D

Acq: 30 Jan 2019 13:33

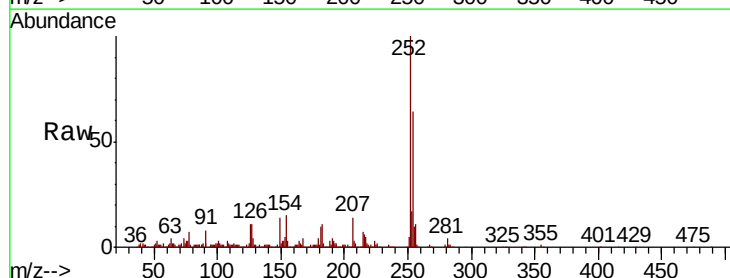
Tgt Ion:252 Resp: 600026

Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.0

126 10.9 8.7 13.1

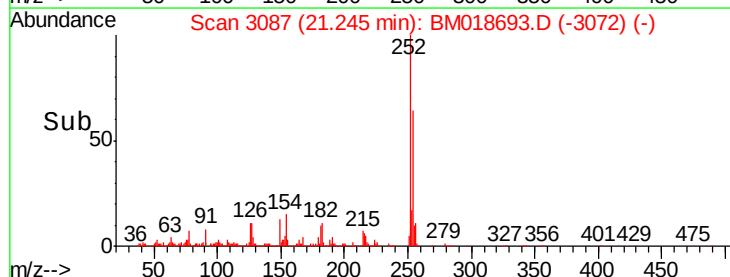
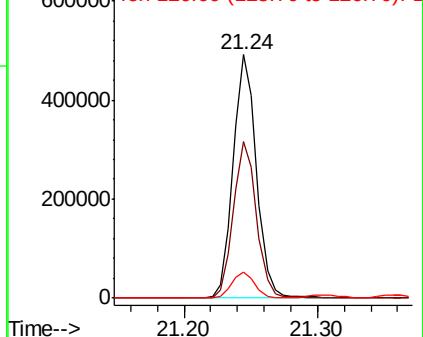


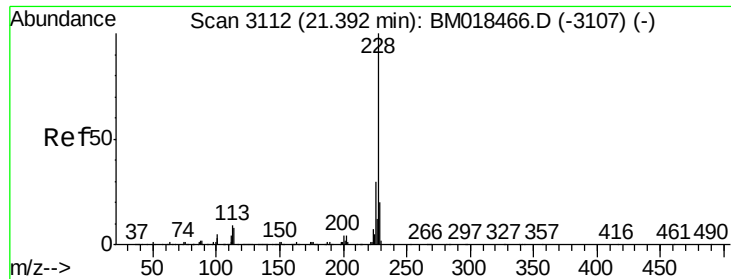
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





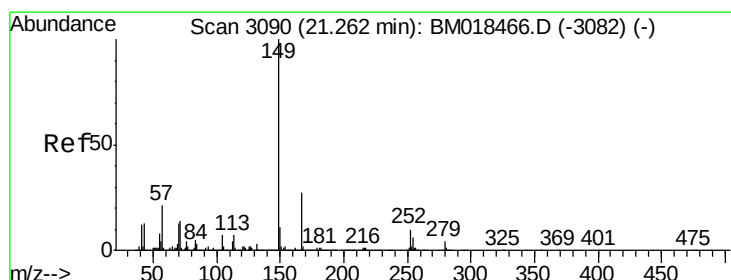
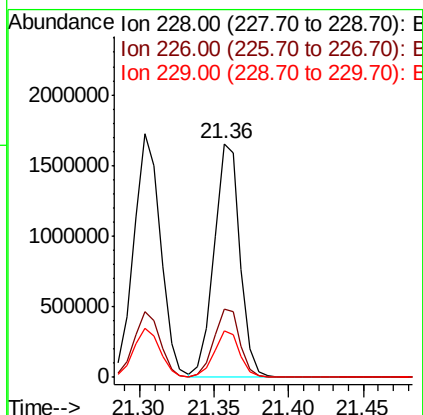
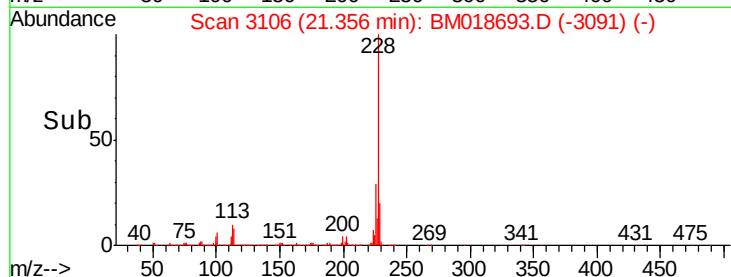
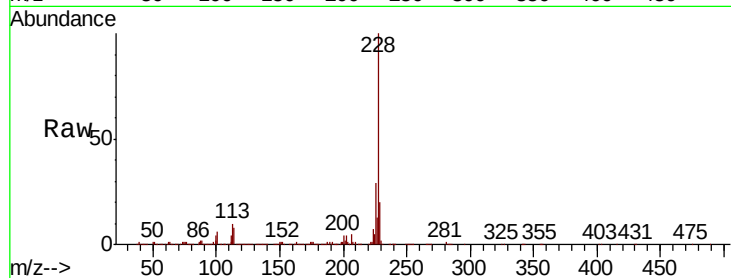
#83
Chrysene
Concen: 40.718 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion:228 Resp: 2010715
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 19.6 15.6 23.4

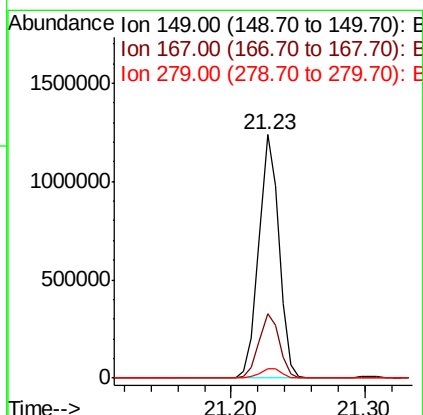
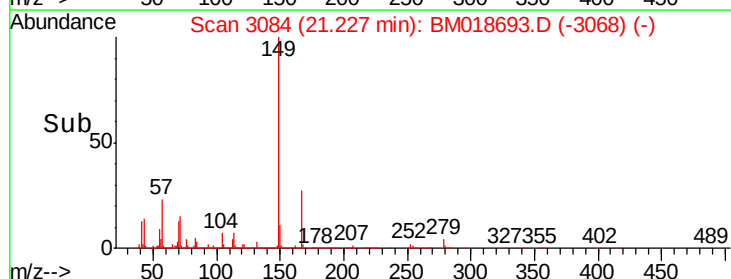
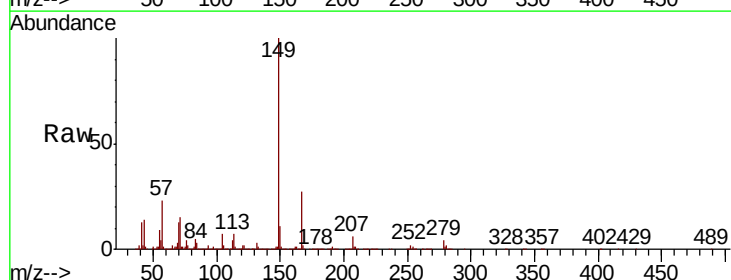
Manual Integrations
APPROVED

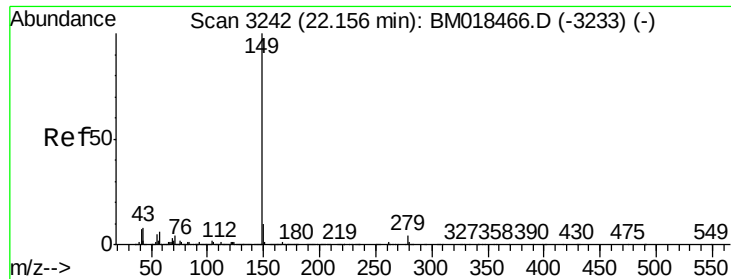
mohammad
2/1/2019 12:05:04 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.141 ng
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion:149 Resp: 1272660
Ion Ratio Lower Upper
149 100
167 26.6 21.6 32.4
279 3.9 3.3 4.9





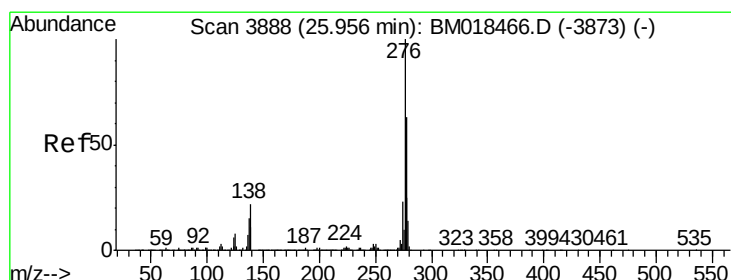
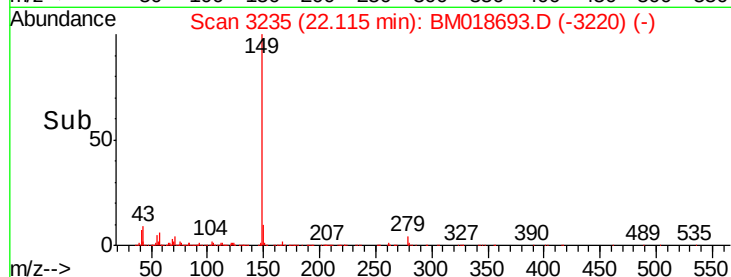
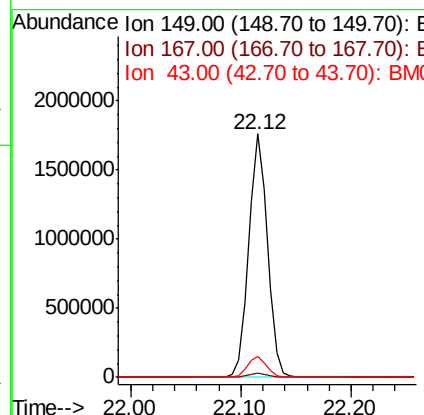
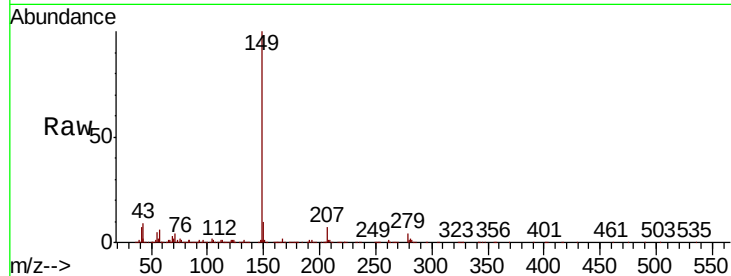
#85
Di-n-octyl phthalate
Concen: 39.302 ng
RT: 22.12 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	8.6	12.8

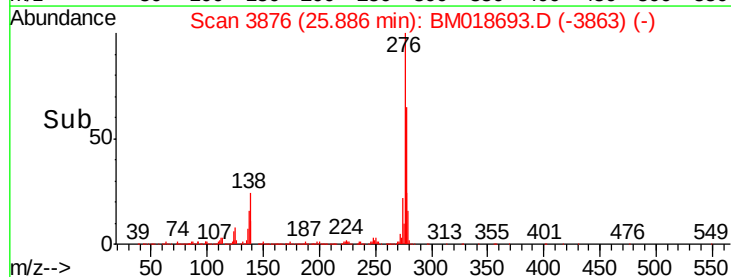
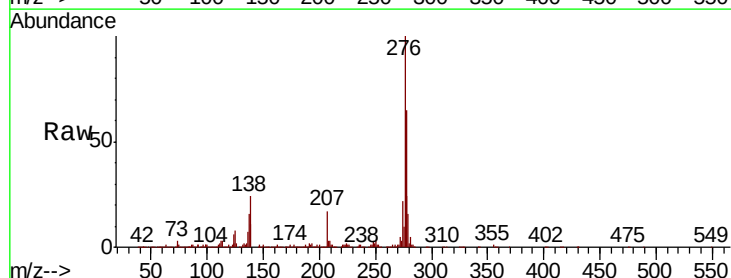
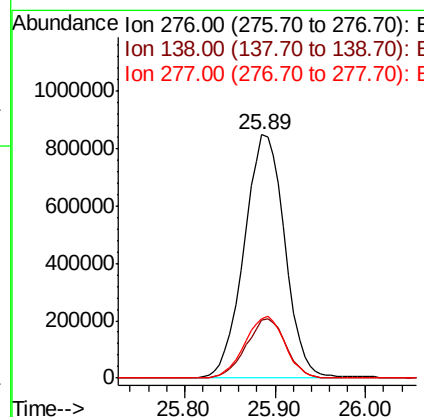
Manual Integrations
APPROVED

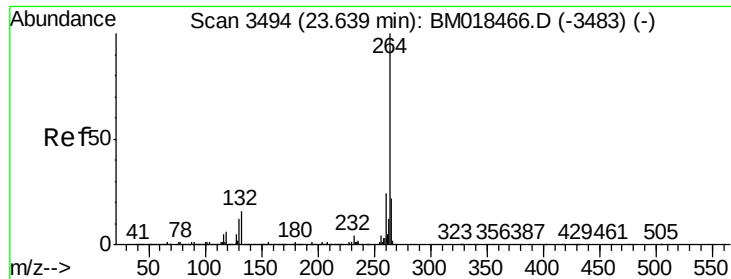
mohammad
2/1/2019 12:05:04 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.305 ng
RT: 25.89 min Scan# 3876
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.5	32.3
277	25.1	20.2	30.2





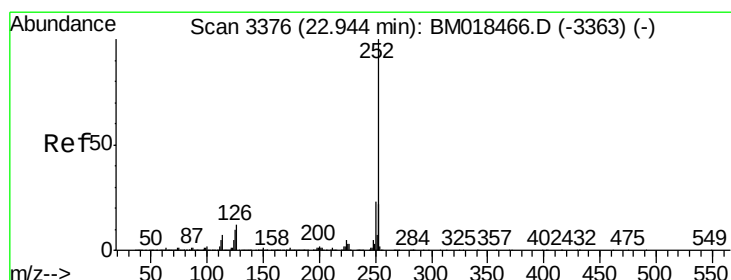
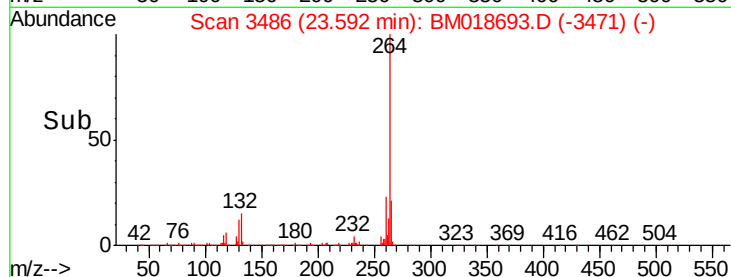
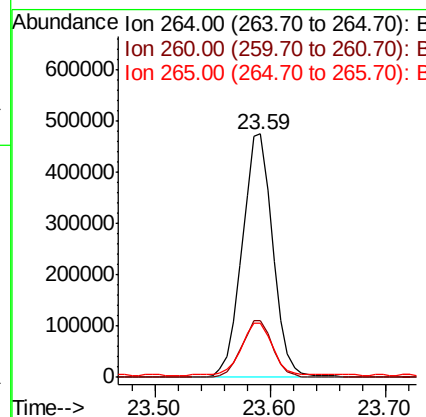
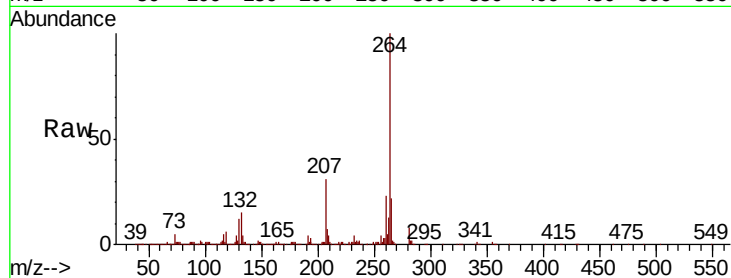
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	22.3	16.8	25.2

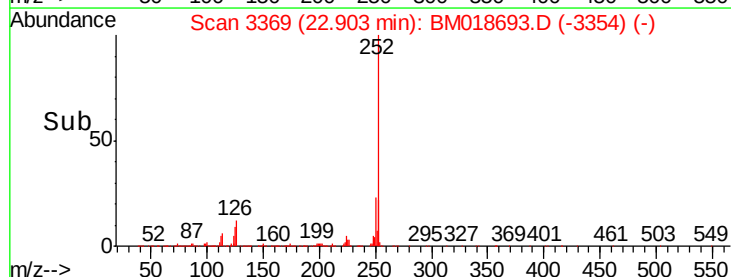
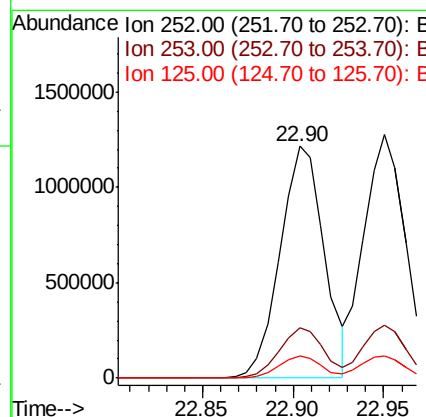
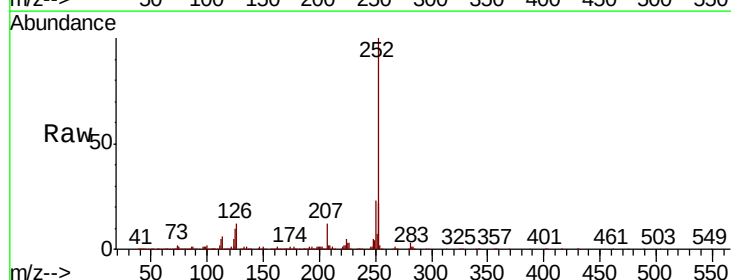
Manual Integrations
APPROVED

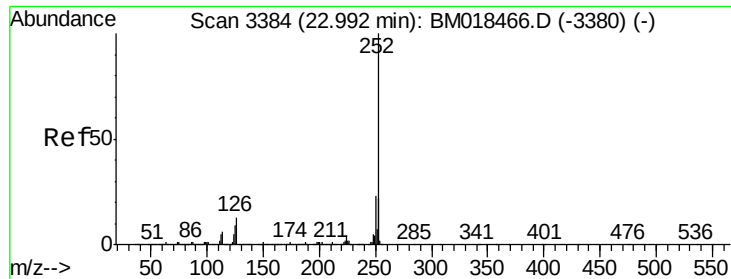
mohammad
2/1/2019 12:05:04 AM



#88
Benzo(b)fluoranthene
Concen: 41.567 ng
RT: 22.90 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.6	8.5	12.7





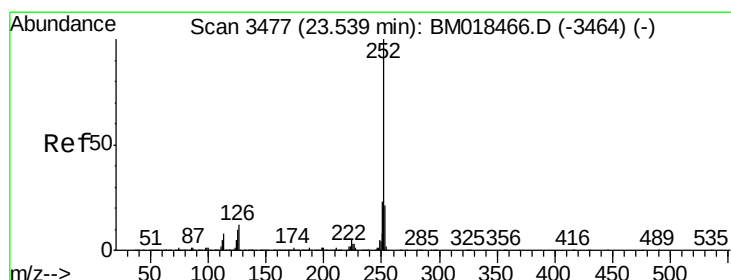
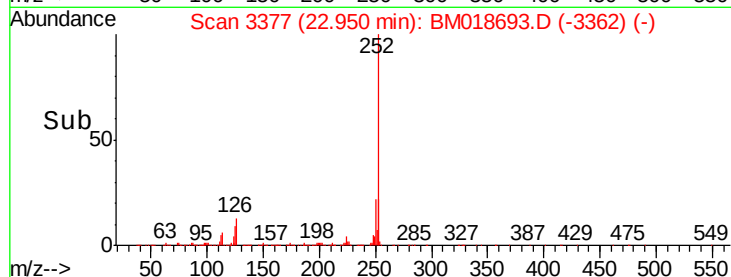
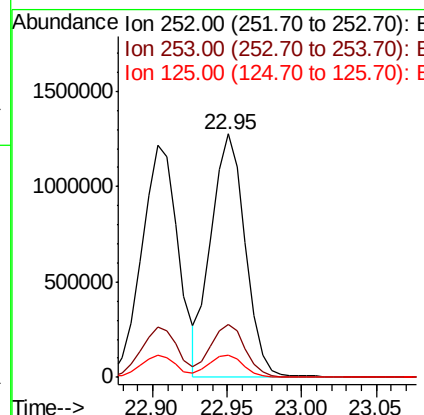
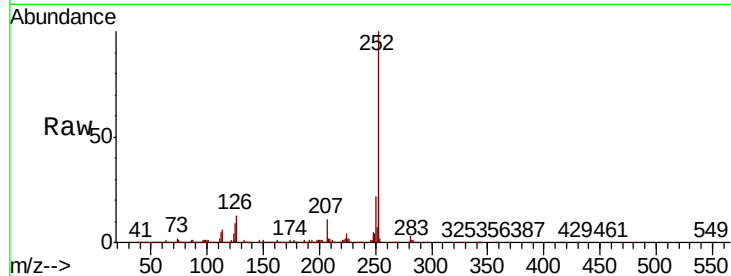
#89
Benzo(k)fluoranthene
Concen: 40.580 ng
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.2	8.6	12.8

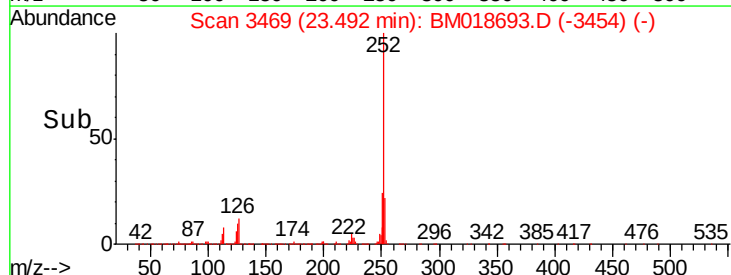
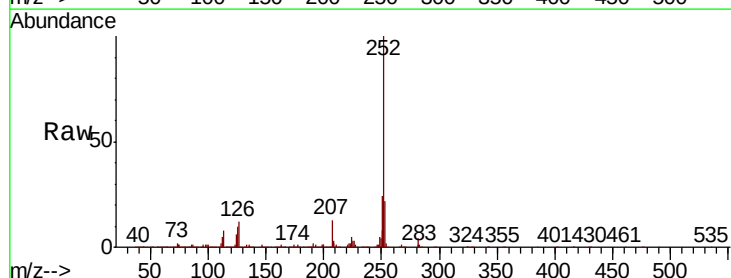
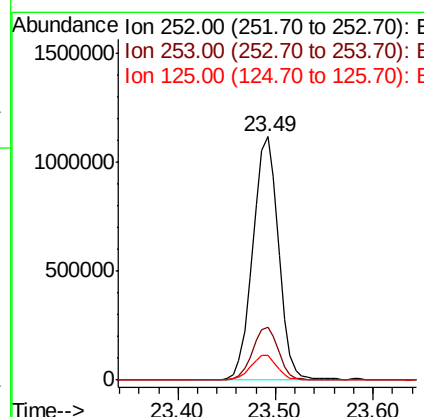
Manual Integrations
APPROVED

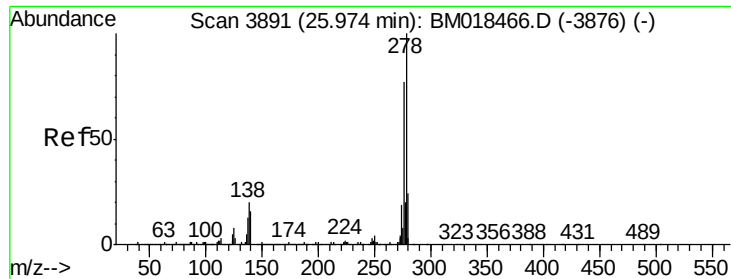
mohammad
2/1/2019 12:05:04 AM



#90
Benzo(a)pyrene
Concen: 42.947 ng
RT: 23.49 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.3	9.7	14.5





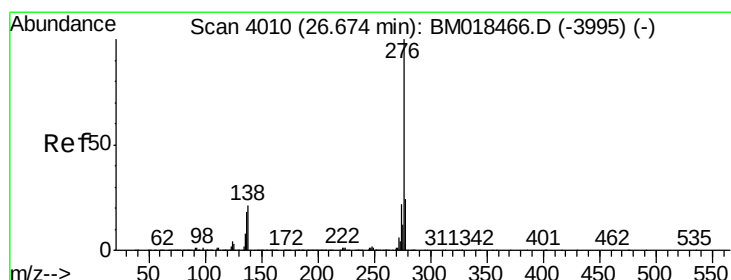
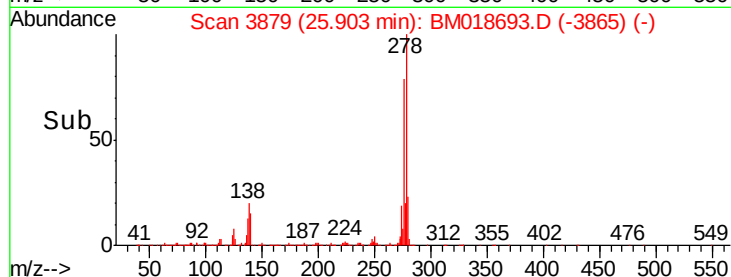
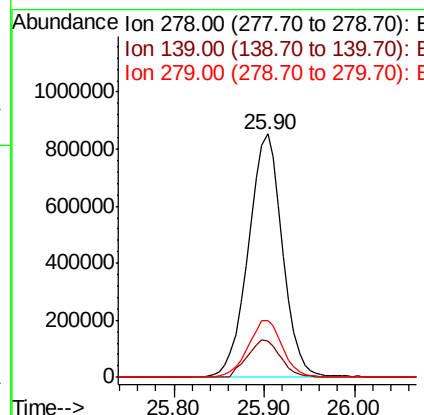
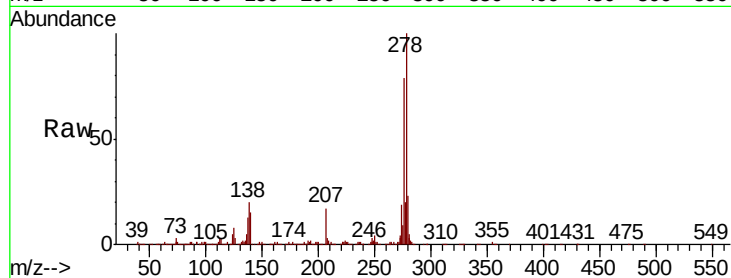
#91
Dibenzo(a,h)anthracene
Concen: 46.178 ng
RT: 25.90 min Scan# 3879
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.2	19.8
279	23.4	19.0	28.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:04 AM



#92
Benzo(g,h,i)perylene
Concen: 46.370 ng
RT: 26.60 min Scan# 3997
Delta R.T. -0.02 min
Lab File: BM018693.D
Acq: 30 Jan 2019 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	19.6	18.1	27.1

