

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
 Data File : BM018699.D
 Acq On : 30 Jan 2019 17:49
 Operator : JU/SJ
 Sample : K1282-29MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMSD

Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:11 AM

Quant Time: Jan 30 18:25:30 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	269680	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	1008441	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	496594	20.00	ng	-0.01
64) Phenanthrene-d10	17.12	188	951859	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	940287	20.00	ng	-0.02
87) Perylene-d12	23.58	264	1086751	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2019902	138.30	ng	-0.02
7) Phenol-d6	6.90	99	2502351	134.90	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1506694	86.61	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	780945	123.51	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3159345	83.02	ng	-0.02
79) Terphenyl-d14	19.76	244	3430444	76.91	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.26	88	207569	34.870	ng	97
3) Pyridine	3.66	79	529139	35.654	ng	97
4) n-Nitrosodimethylamine	3.58	42	299695	48.835	ng	# 91
6) Aniline	7.06	93	685803	33.143	ng	98
8) 2-Chlorophenol	7.29	128	768666	45.063	ng	96
9) Benzaldehyde	6.88	77	493165	49.581	ng	98
10) Phenol	6.93	94	889473	47.187	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	625845	42.254	ng	97
12) 1,3-Dichlorobenzene	7.61	146	838050	41.255	ng	98
13) 1,4-Dichlorobenzene	7.76	146	855152	41.534	ng	99
14) 1,2-Dichlorobenzene	8.07	146	819014	41.951	ng	99
15) Benzyl Alcohol	7.97	79	588732	43.942	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	810278	42.808	ng	95
17) 2-Methylphenol	8.16	107	570831	44.613	ng	99
18) Hexachloroethane	8.79	117	299094	40.742	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	480786	39.827	ng	93
20) 3+4-Methylphenols	8.49	107	760450	43.052	ng	99
22) Acetophenone	8.55	105	998726	40.035	ng	# 97
24) Nitrobenzene	8.93	77	729083	42.596	ng	95
25) Isophorone	9.45	82	1244541	47.246	ng	98
26) 2-Nitrophenol	9.63	139	393991	47.605	ng	96
27) 2,4-Dimethylphenol	9.69	122	610700	49.230	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	801506	44.045	ng	100
29) 2,4-Dichlorophenol	10.16	162	661530	44.784	ng	100
30) 1,2,4-Trichlorobenzene	10.37	180	762675	41.597	ng	99
31) Naphthalene	10.56	128	2205887	45.420	ng	100
32) Benzoic acid	9.82	122	306986m	38.278	ng	
33) 4-Chloroaniline	10.69	127	257898	13.484	ng	97
34) Hexachlorobutadiene	10.83	225	464074	40.065	ng	98
35) Caprolactam	11.49	113	164528m	32.760	ng	
36) 4-Chloro-3-methylphenol	11.81	107	632738	40.829	ng	100
37) 2-Methylnaphthalene	12.17	142	1533187	44.681	ng	99
38) 1-Methylnaphthalene	12.40	142	1451036	43.704	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	791156	45.559	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
 Data File : BM018699.D
 Acq On : 30 Jan 2019 17:49
 Operator : JU/SJ
 Sample : K1282-29MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMSD

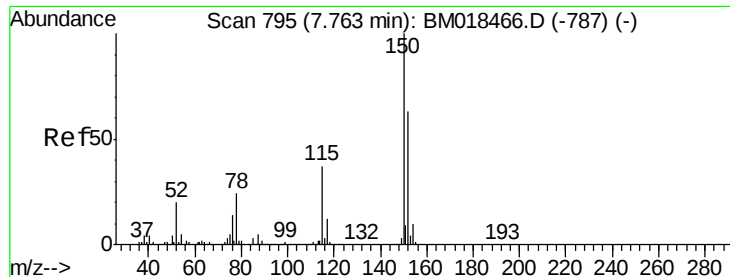
Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:05:11 AM

Quant Time: Jan 30 18:25:30 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	926358	97.196	nq	100
43) 2,4,6-Trichlorophenol	12.80	196	509332	48.299	nq	99
44) 2,4,5-Trichlorophenol	12.87	196	527535	47.565	nq	98
46) 1,1'-Biphenyl	13.20	154	1891571	43.625	nq	99
47) 2-Chloronaphthalene	13.25	162	1457262	43.340	nq	99
48) 2-Nitroaniline	13.46	65	353405	42.722	nq	94
49) Acenaphthylene	14.09	152	2233425	45.579	nq	100
50) Dimethylphthalate	13.84	163	1961392	48.092	nq	99
51) 2,6-Dinitrotoluene	13.96	165	368934	42.706	nq	92
52) Acenaphthene	14.44	154	1285039	42.861	nq	97
53) 3-Nitroaniline	14.30	138	244438	28.066	nq	95
54) 2,4-Dinitrophenol	14.50	184	284799	62.617	nq	# 89
55) Dibenzofuran	14.77	168	2041278	41.206	nq	100
56) 4-Nitrophenol	14.60	139	603462	80.204	nq	97
57) 2,4-Dinitrotoluene	14.75	165	489996	40.087	nq	98
58) Fluorene	15.42	166	1592925	43.166	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	441496	44.910	nq	97
60) Diethylphthalate	15.20	149	1631627	39.629	nq	99
61) 4-Chlorophenyl-phenylether	15.42	204	820669	38.586	nq	97
62) 4-Nitroaniline	15.46	138	326428	34.361	nq	96
63) Azobenzene	15.72	77	1334307	39.749	nq	97
65) 4,6-Dinitro-2-methylphenol	15.51	198	216433	37.058	nq	88
66) n-Nitrosodiphenylamine	15.64	169	1352663	45.812	nq	99
67) 4-Bromophenyl-phenylether	16.32	248	473966	44.496	nq	98
68) Hexachlorobenzene	16.42	284	512456	42.975	nq	99
69) Atrazine	16.59	200	448665	42.033	nq	98
70) Pentachlorophenol	16.77	266	621577	79.591	nq	99
71) Phenanthrene	17.17	178	2305798	45.543	nq	100
72) Anthracene	17.26	178	2326809	47.793	nq	99
73) Carbazole	17.53	167	2067149	41.327	nq	99
74) Di-n-butylphthalate	18.09	149	2476349	45.197	nq	99
75) Fluoranthene	19.19	202	2501555	42.856	nq	98
77) Benzidine	19.39	184	1083521	46.669	nq	100
78) Pyrene	19.55	202	2555168	45.845	nq	100
80) Butylbenzylphthalate	20.46	149	1800617	75.711	nq	94
81) Benzo(a)anthracene	21.30	228	2571349	46.419	nq	99
82) 3,3'-Dichlorobenzidine	21.24	252	897544	42.849	nq	100
83) Chrysene	21.35	228	2424603	45.327	nq	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1507411	43.893	nq	99
85) Di-n-octyl phthalate	22.11	149	2647792	45.840	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.88	276	3493576	56.640	nq	97
88) Benzo(b)fluoranthene	22.90	252	2794732	45.298	nq	99
89) Benzo(k)fluoranthene	22.94	252	2707740	43.549	nq	99
90) Benzo(a)pyrene	23.49	252	2777898	47.030	nq	98
91) Dibenzo(a,h)anthracene	25.90	278	2936099	49.059	nq	99
92) Benzo(g,h,i)perylene	26.59	276	2919743	50.132	nq	98

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



#1

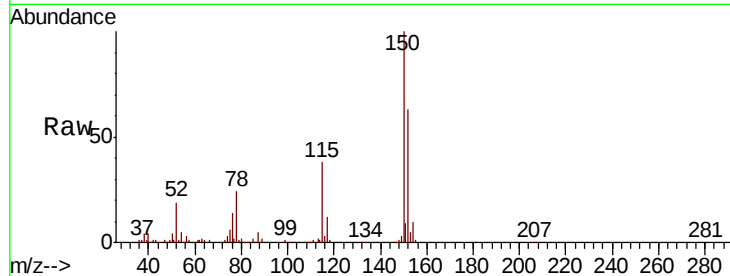
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.9	190.3
115	59.5	45.5	68.3

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM

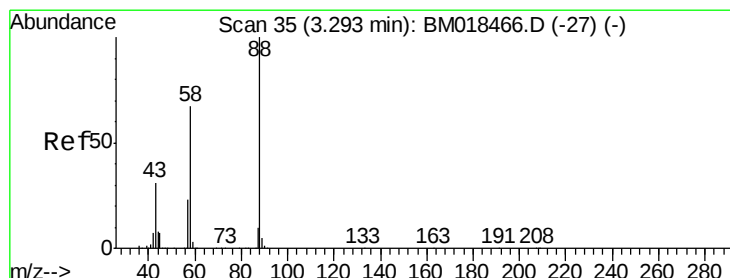
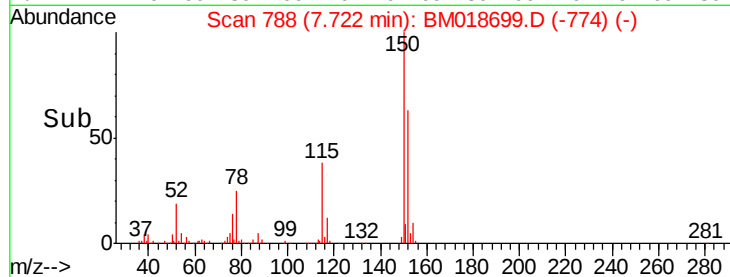
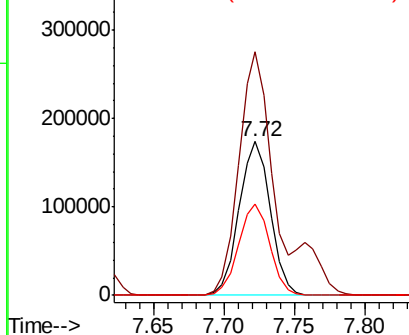


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

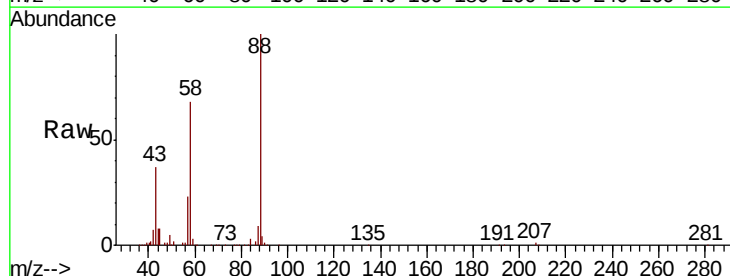
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.870 ng
RT: 3.26 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	58.4	87.6
43	33.0	26.2	39.4

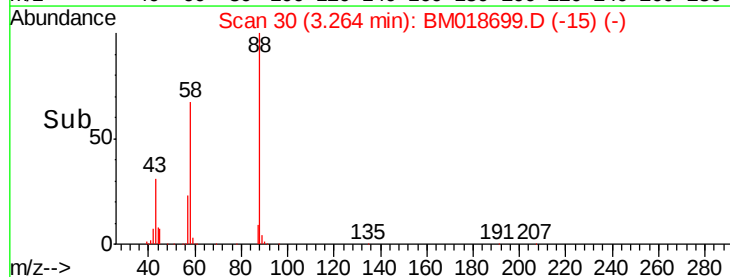
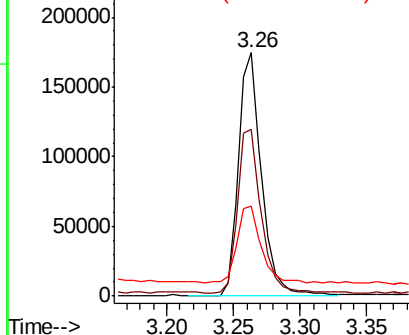


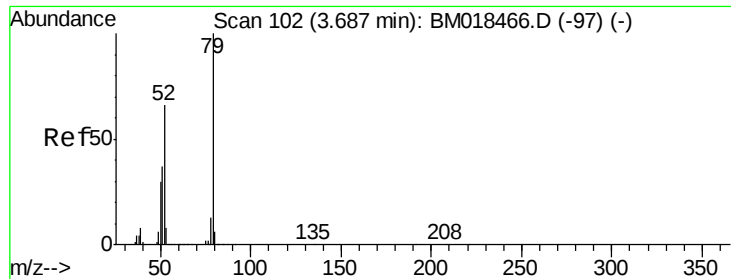
Abundance

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





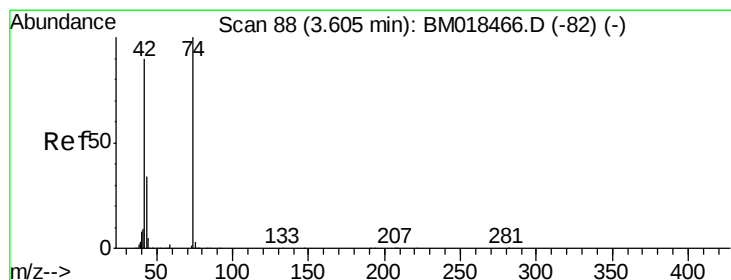
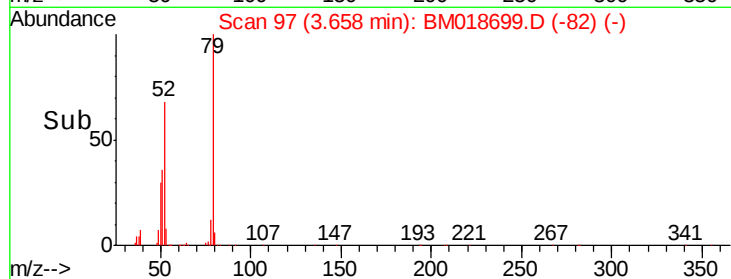
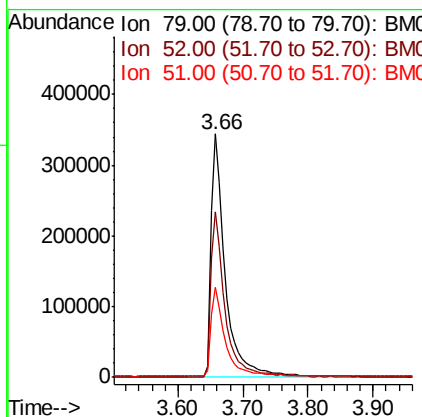
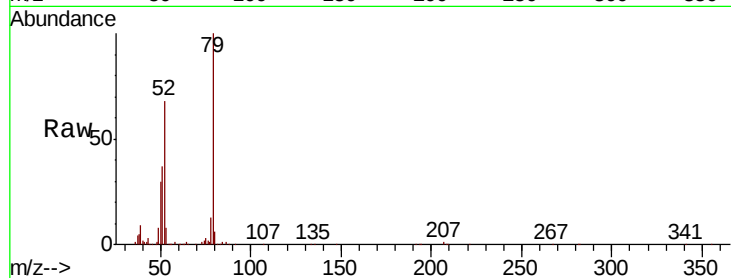
#3
 Pvridine
 Concen: 35.654 ng
 RT: 3.66 min Scan# 97
 Delta R.T. -0.01 min
 Lab File: BM018699.D
 Acq: 30 Jan 2019 17:49

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.0	56.4	84.6
51	36.7	31.0	46.4

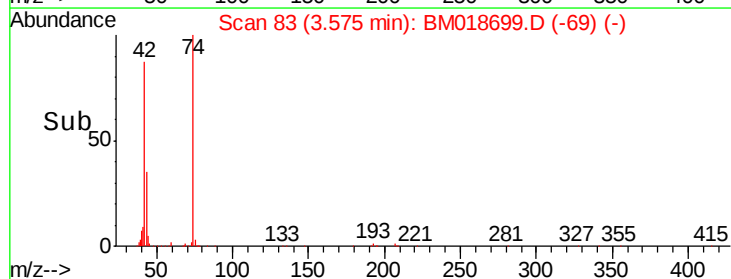
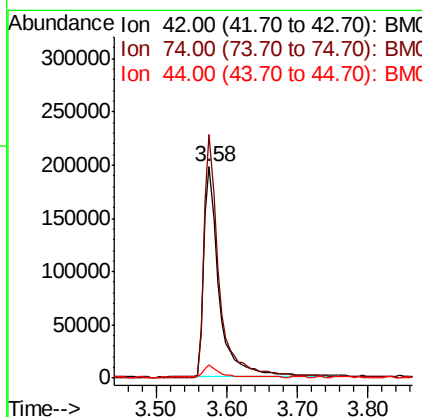
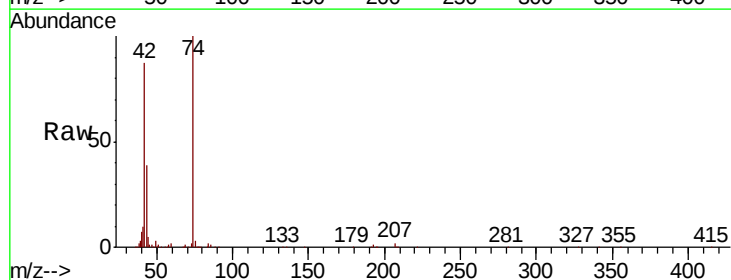
Manual Integrations
 APPROVED

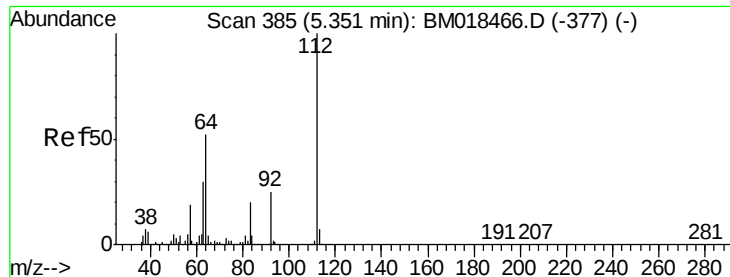
mohammad
 2/1/2019 12:05:11 AM



#4
 n-Nitrosodimethylamine
 Concen: 48.835 ng
 RT: 3.58 min Scan# 83
 Delta R.T. -0.02 min
 Lab File: BM018699.D
 Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.1	88.6	132.8
44	6.1	16.9	25.3





#5

2-Fluorophenol

Concen: 138.302 ng

RT: 5.31 min Scan# 378

Delta R.T. -0.02 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMSD

Tot Ion:112 Resp: 2019902

Ion Ratio Lower Upper

112 100

64 55.6 46.5 69.7

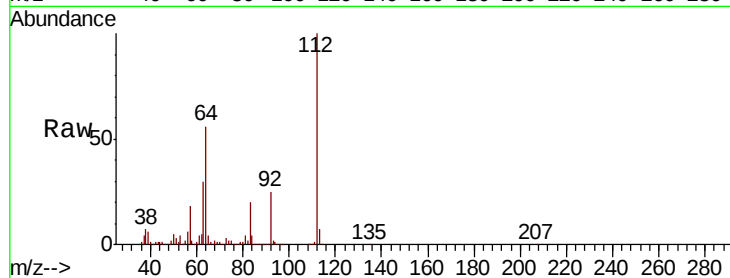
63 29.8 25.2 37.8

Manual Integrations

APPROVED

mohammad

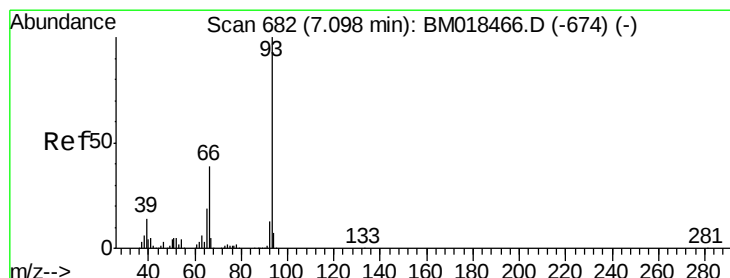
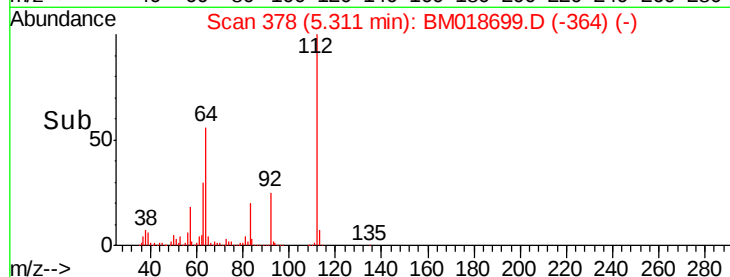
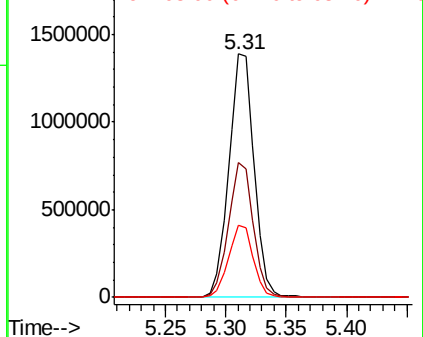
2/1/2019 12:05:11 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 33.143 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

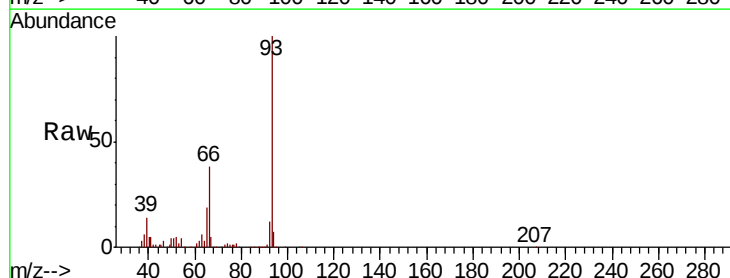
Tgt Ion: 93 Resp: 685803

Ion Ratio Lower Upper

93 100

66 38.4 31.7 47.5

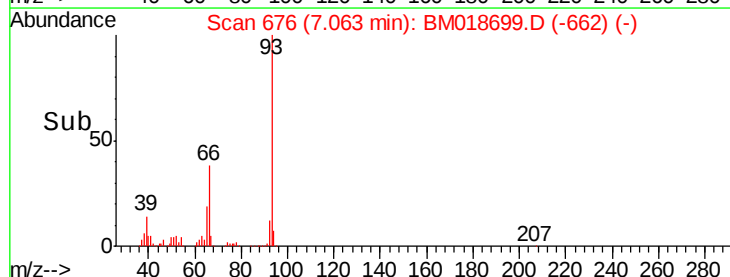
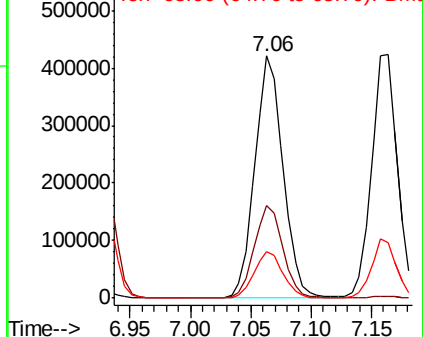
65 19.2 15.9 23.9

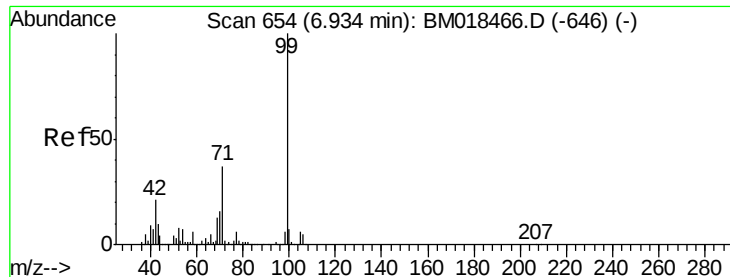


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 134.897 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMSD

Tot Ion: 99 Resp: 2502351

Ion Ratio Lower Upper

99 100

42 19.3 17.3 25.9

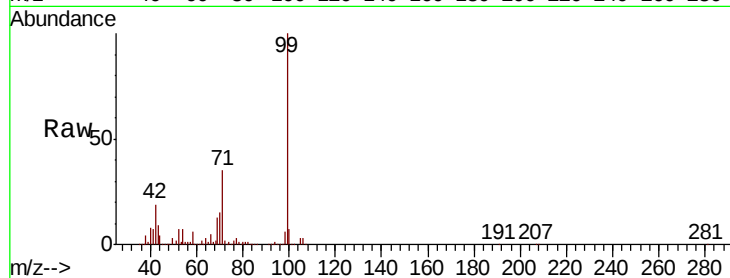
71 35.4 28.0 42.0

Manual Integrations

APPROVED

mohammad

2/1/2019 12:05:11 AM

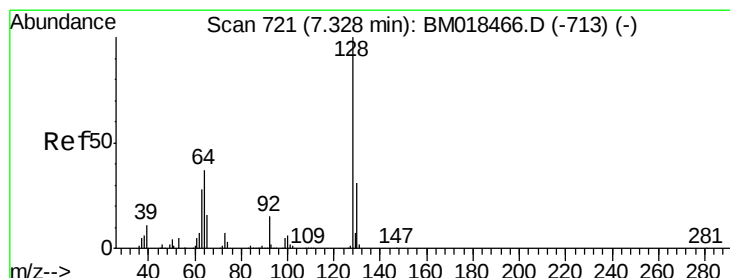
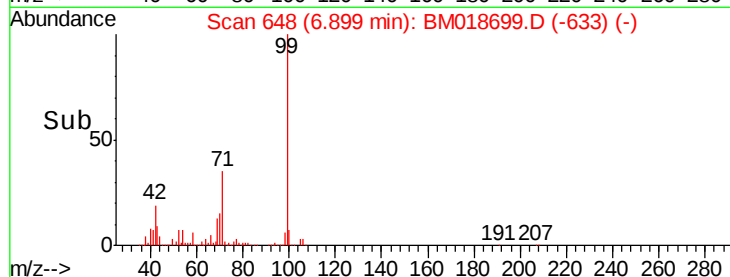
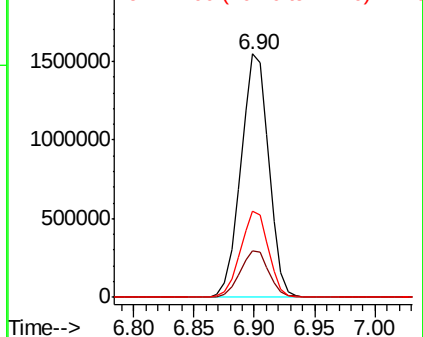


Abundance

Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 45.063 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

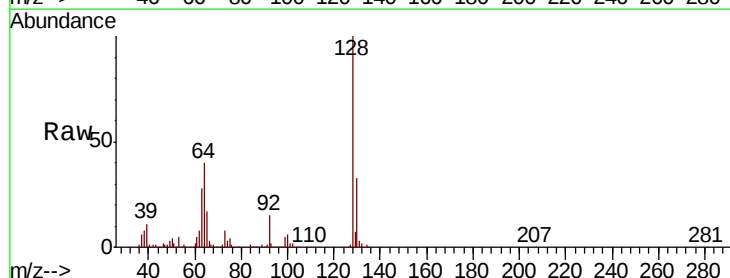
Tgt Ion: 128 Resp: 768666

Ion Ratio Lower Upper

128 100

130 33.4 13.6 53.6

64 40.0 24.8 64.8

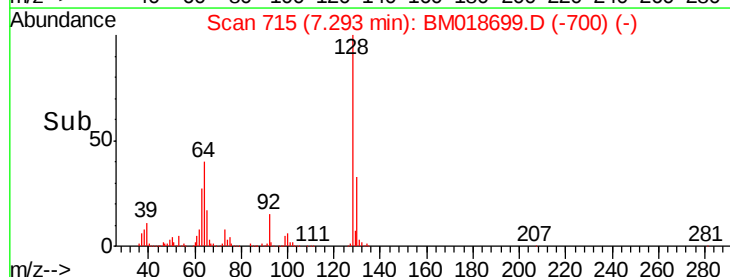
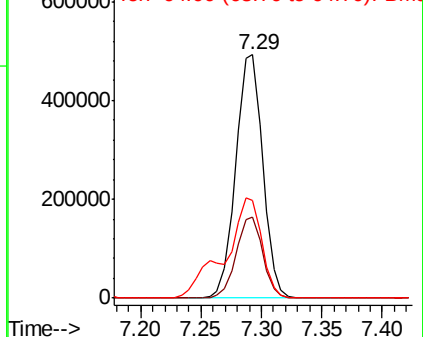


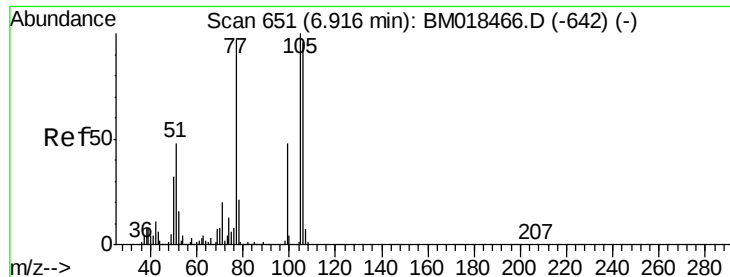
Abundance

Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 49.581 ng

RT: 6.88 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

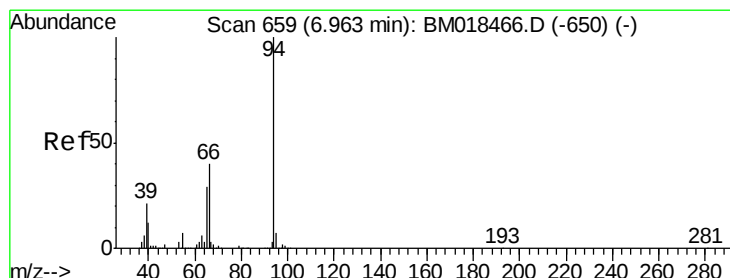
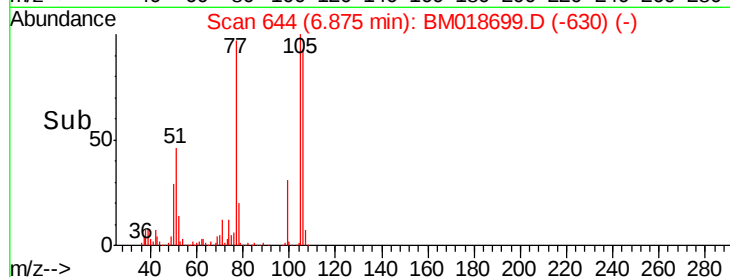
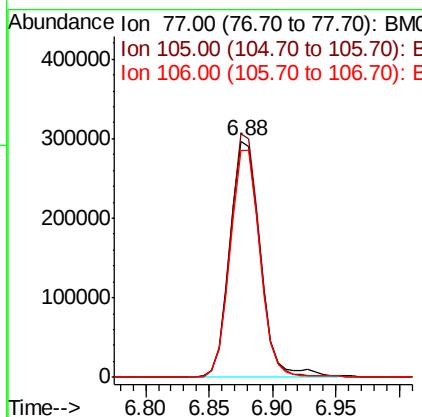
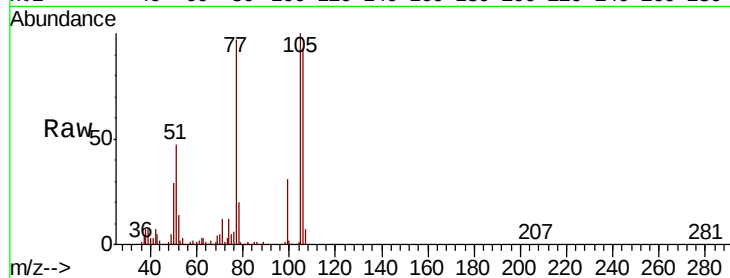
ClientSampleId :

TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.0	79.7	119.7
106	95.9	75.2	115.2

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM



#10

Phenol

Concen: 47.187 ng

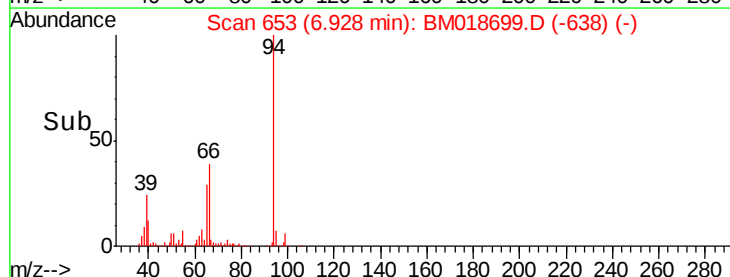
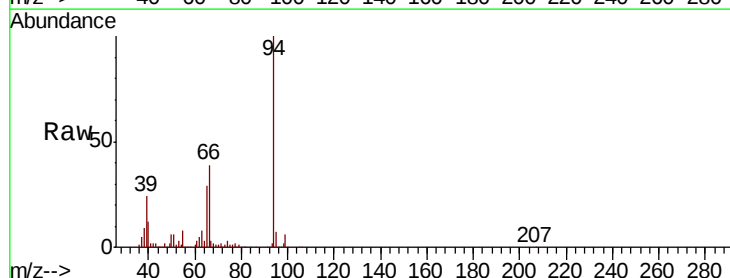
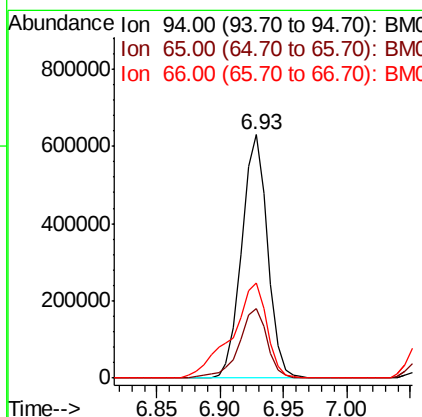
RT: 6.93 min Scan# 653

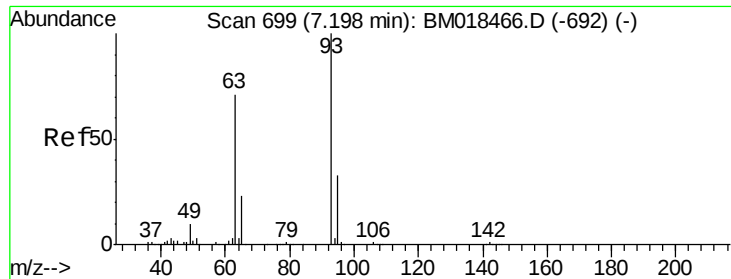
Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.4	49.4
66	39.0	19.1	59.1





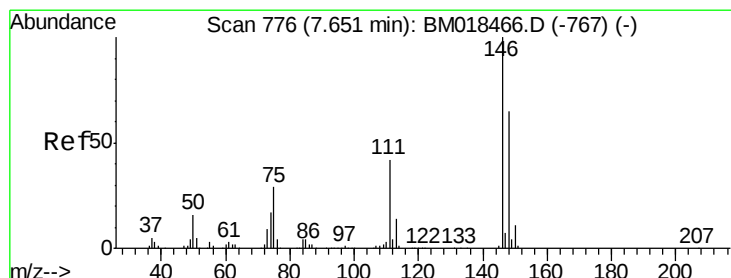
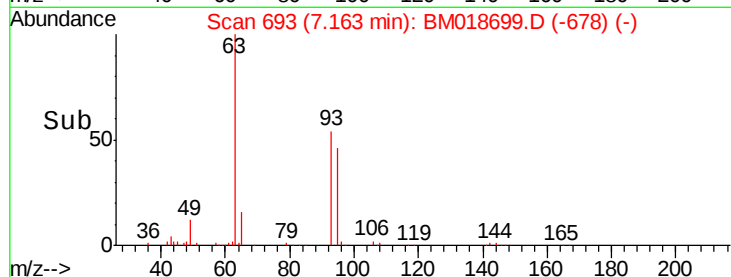
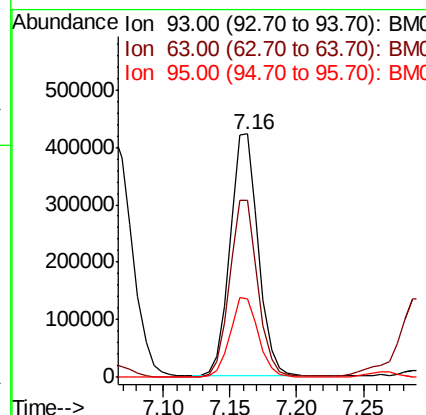
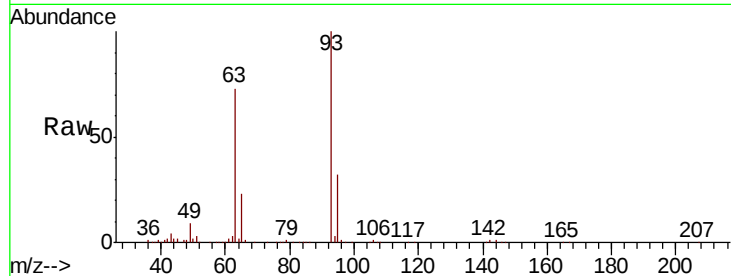
#11
bis(2-Chloroethyl)ether
Concen: 42.254 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	625845		
63	72.6		56.4	96.4
95	32.4		12.7	52.7

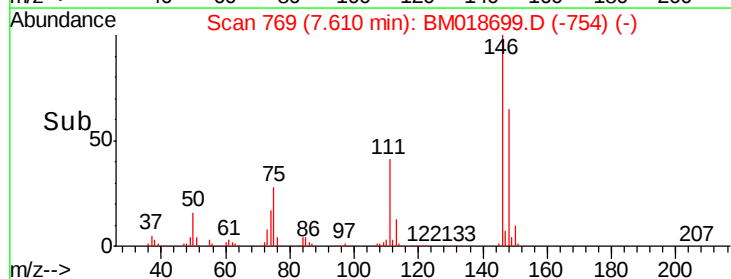
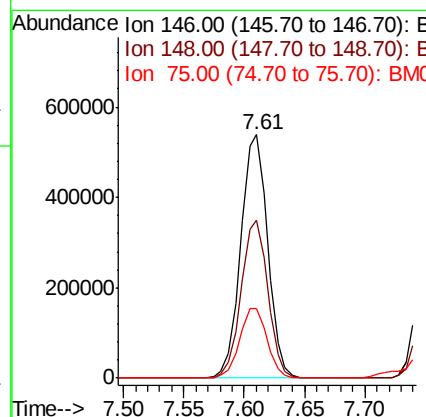
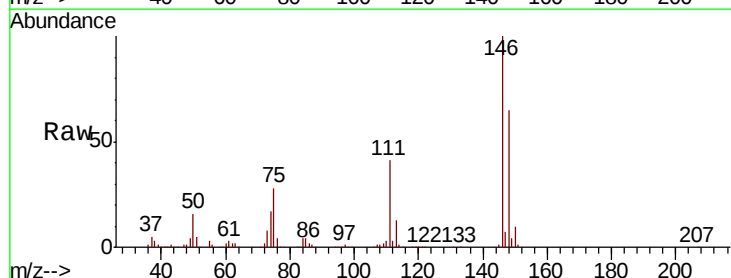
Manual Integrations
APPROVED

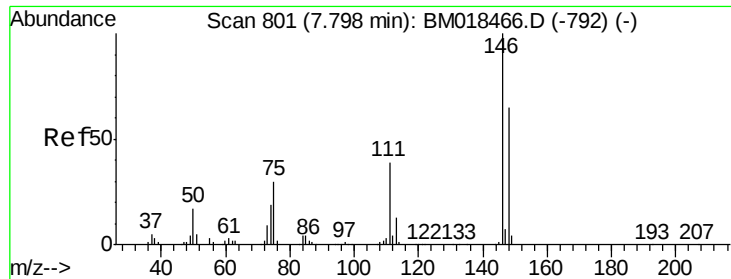
mohammad
2/1/2019 12:05:11 AM



#12
1,3-Dichlorobenzene
Concen: 41.255 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	838050		
148	64.6		50.5	75.7
75	28.4		23.0	34.6





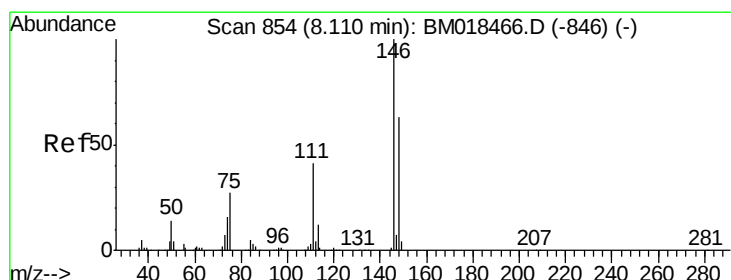
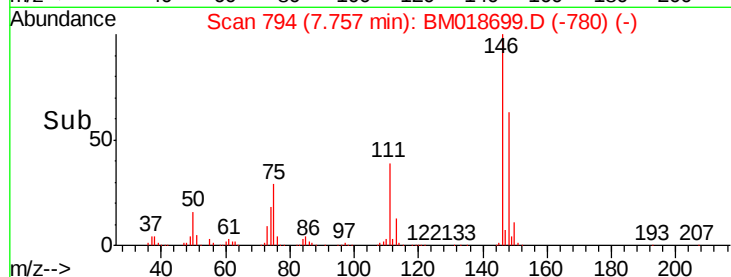
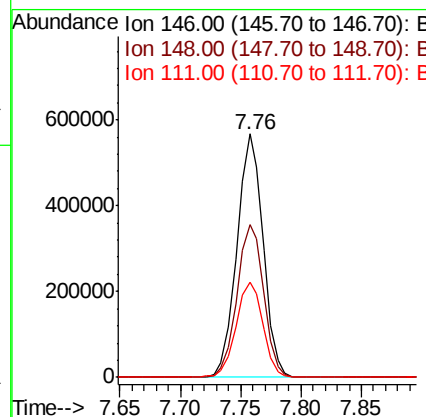
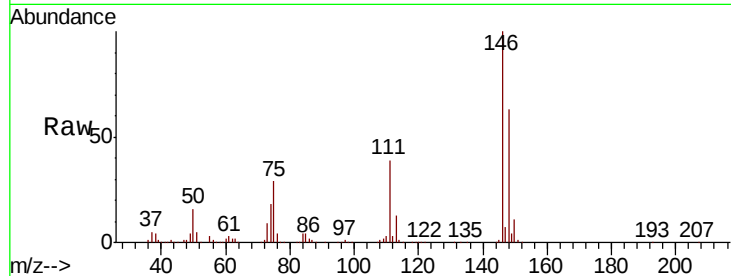
#13
1,4-Dichlorobenzene
Concen: 41.534 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.8	76.2
111	39.3	32.2	48.2

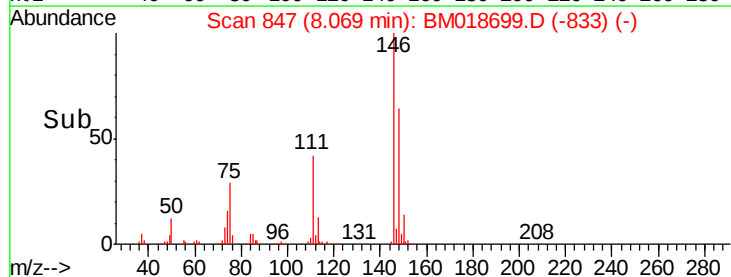
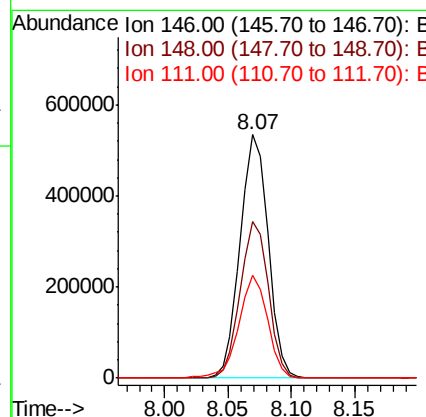
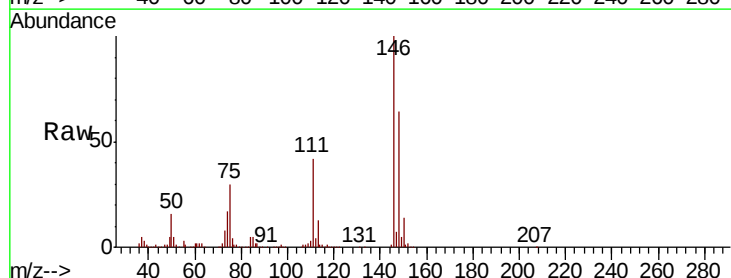
Manual Integrations
APPROVED

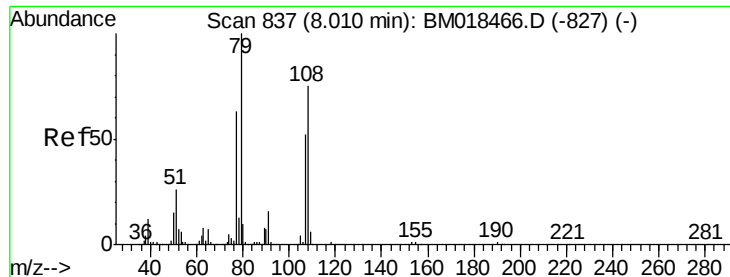
mohammad
2/1/2019 12:05:11 AM



#14
1,2-Dichlorobenzene
Concen: 41.951 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	42.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.942 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

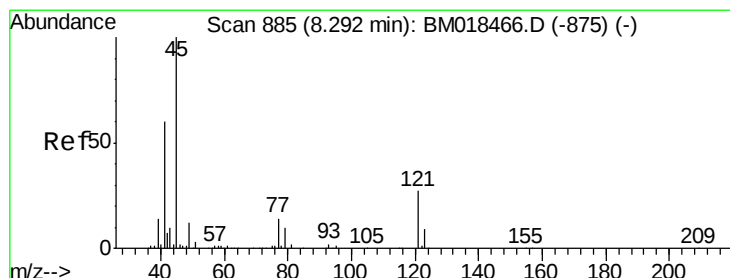
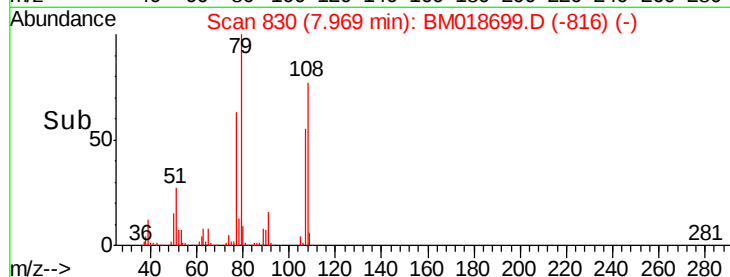
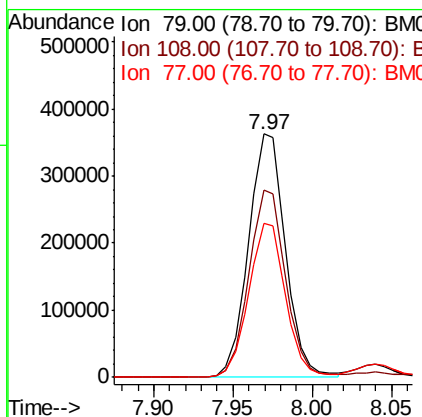
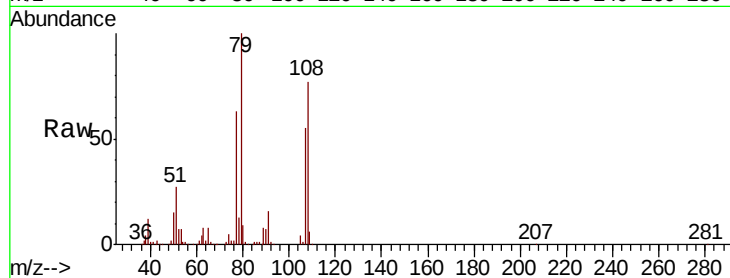
ClientSampled :

TP-8-ABMSD

Tot Ion:	79	Resp:	588732
Ion Ratio	Lower	Upper	
79	100		
108	76.9	60.4	90.6
77	63.3	53.4	80.2

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.808 ng

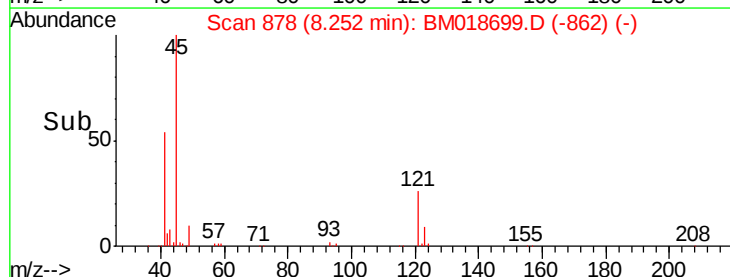
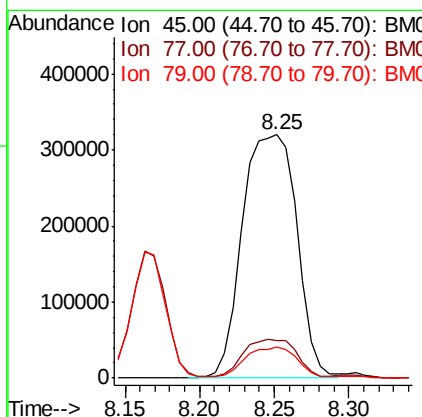
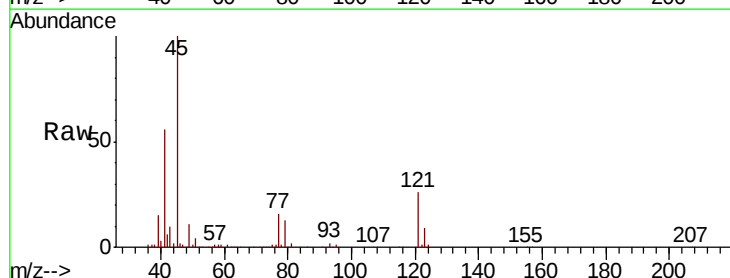
RT: 8.25 min Scan# 878

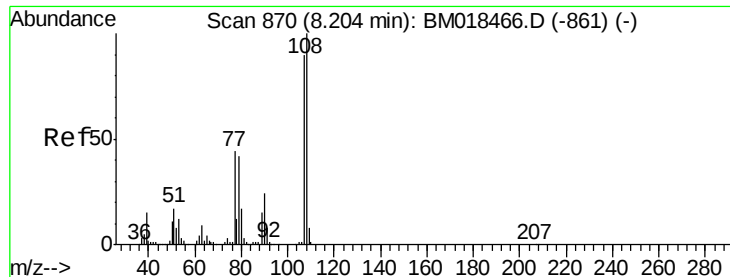
Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Tgt Ion:	45	Resp:	810278
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	33.4
79	12.6	0.0	31.1





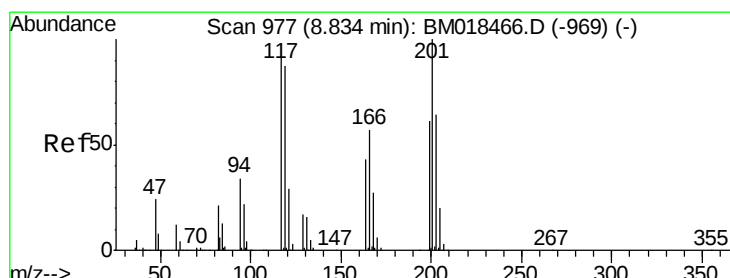
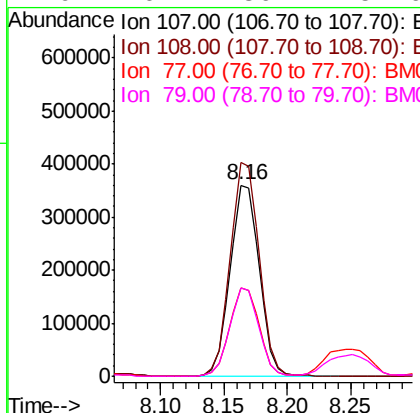
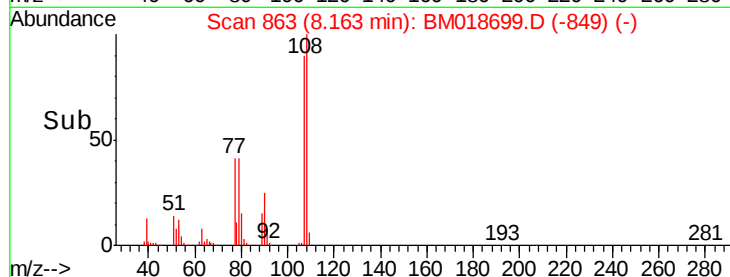
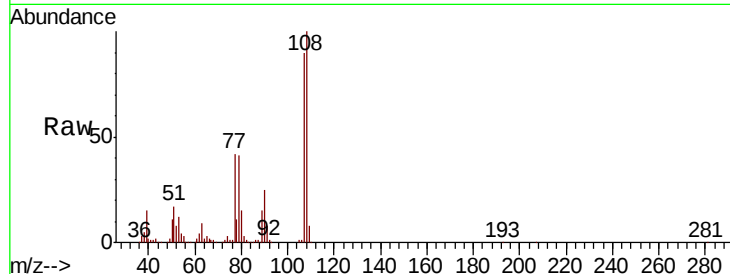
#17
2-Methylphenol
Concen: 44.613 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	87.5	131.3	
77	46.3	37.3	55.9	
79	46.1	36.4	54.6	

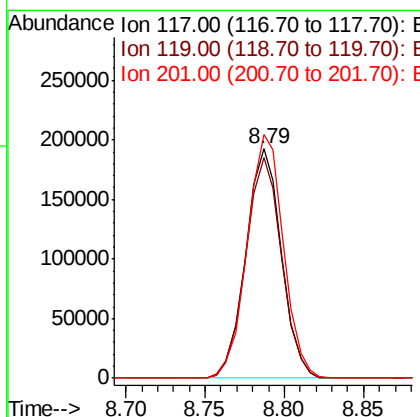
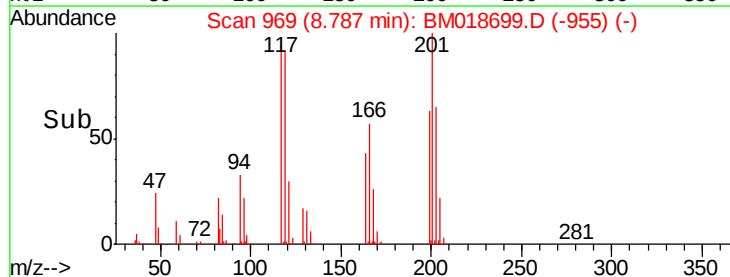
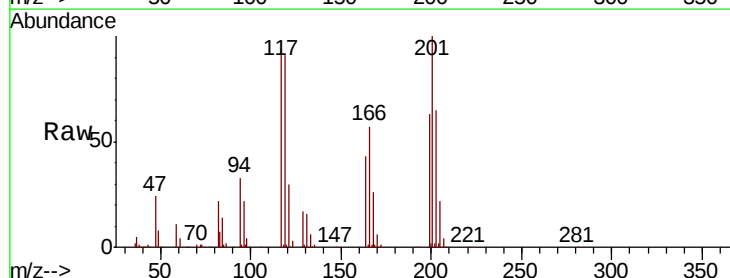
Manual Integrations
APPROVED

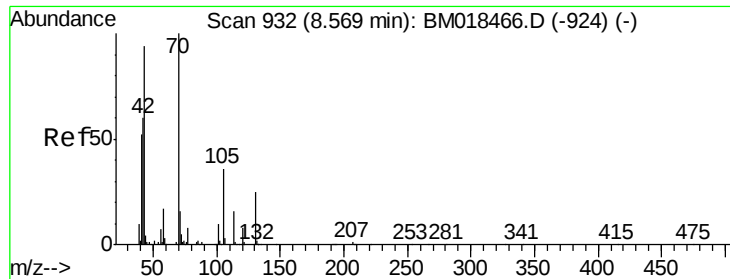
mohammad
2/1/2019 12:05:11 AM



#18
Hexachloroethane
Concen: 40.742 ng
RT: 8.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	78.3	117.5	
201	106.3	81.4	122.0	





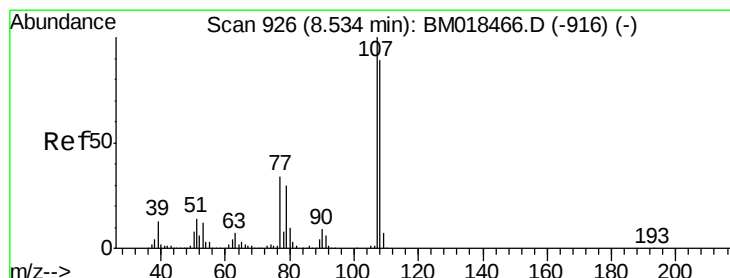
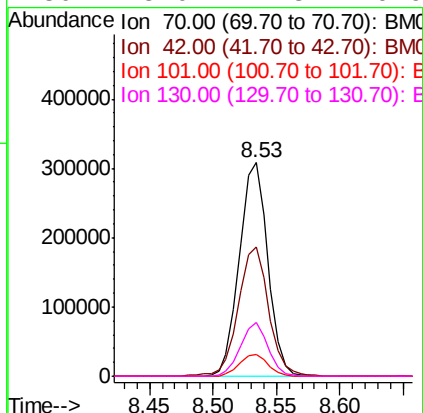
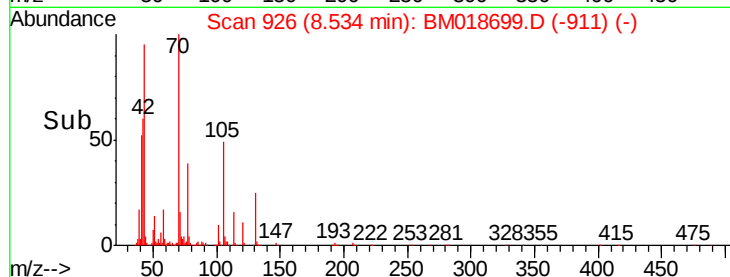
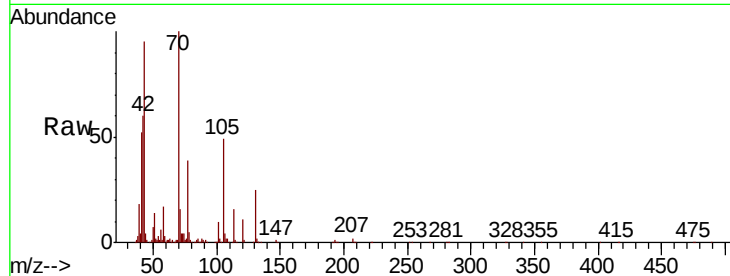
#19
n-Nitroso-di-n-propylamine
Concen: 39.827 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.4	54.0	81.0	
101	10.2	8.1	12.1	
130	25.0	17.8	26.6	

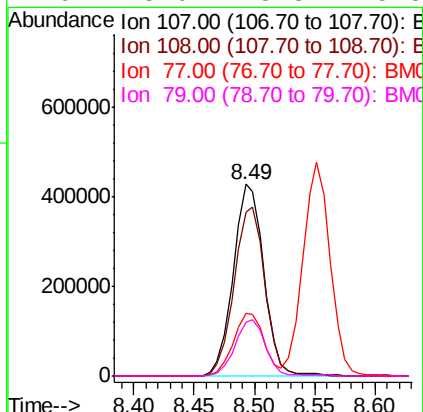
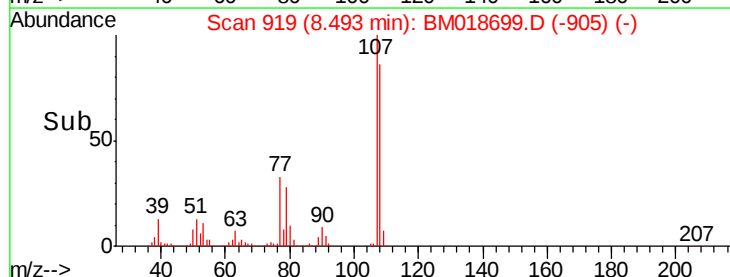
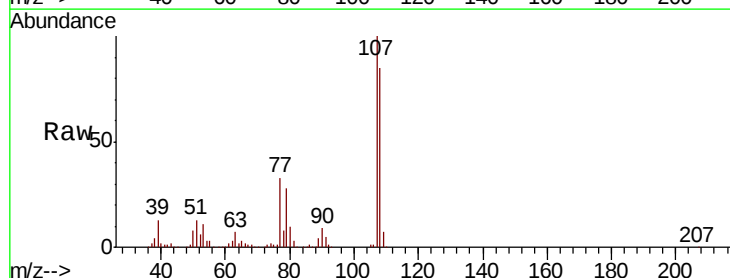
Manual Integrations
APPROVED

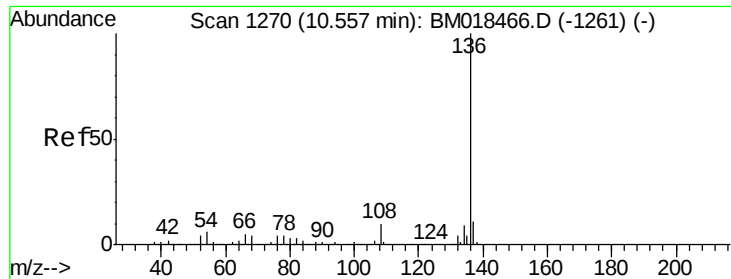
mohammad
2/1/2019 12:05:11 AM



#20
3+4-Methylphenols
Concen: 43.052 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.5	66.8	106.8	
77	32.7	13.3	53.3	
79	28.0	8.8	48.8	





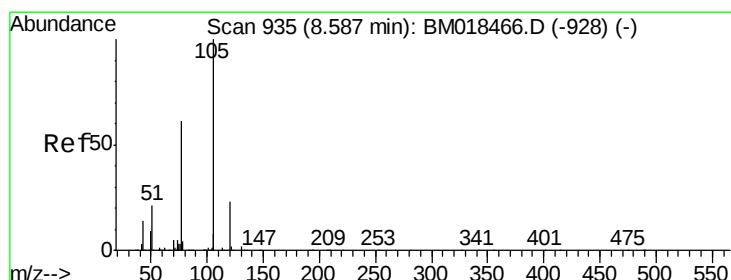
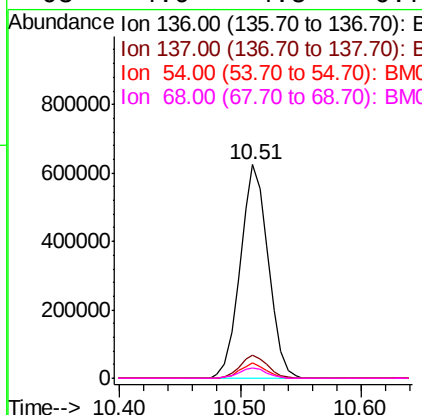
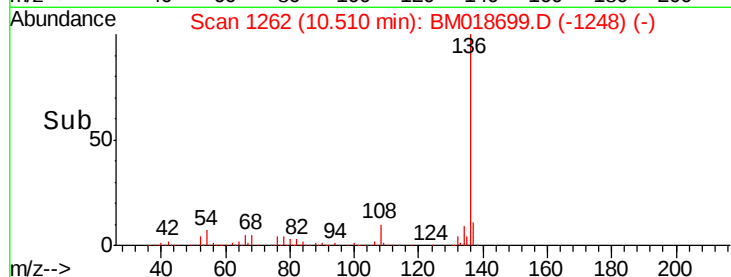
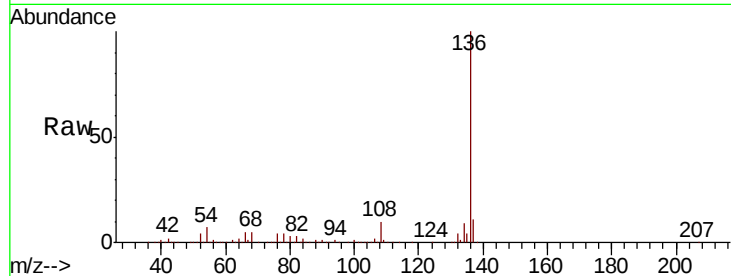
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.0	6.0	9.0
68	4.9	4.5	6.7

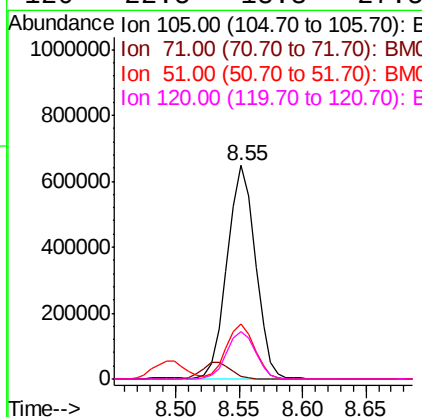
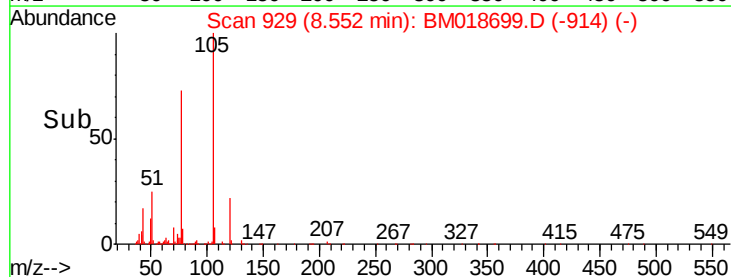
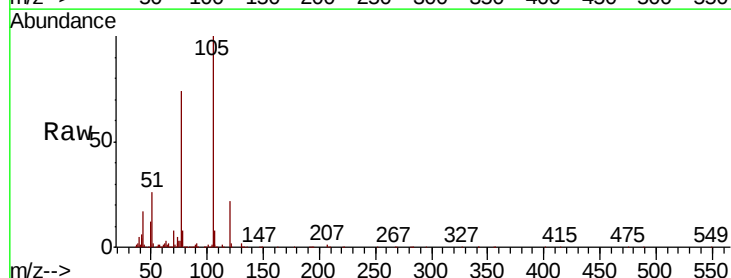
Manual Integrations
APPROVED

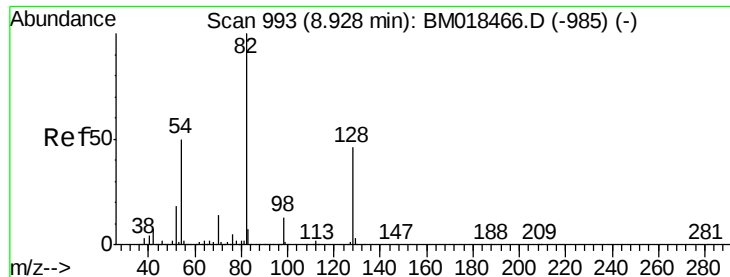
mohammad
2/1/2019 12:05:11 AM



#22
Acetophenone
Concen: 40.035 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.7	2.5#
51	25.6	22.6	34.0
120	22.5	18.3	27.5





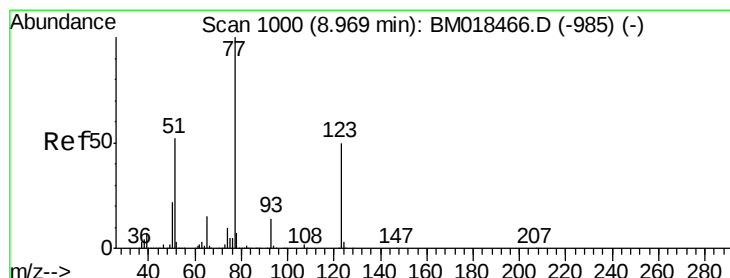
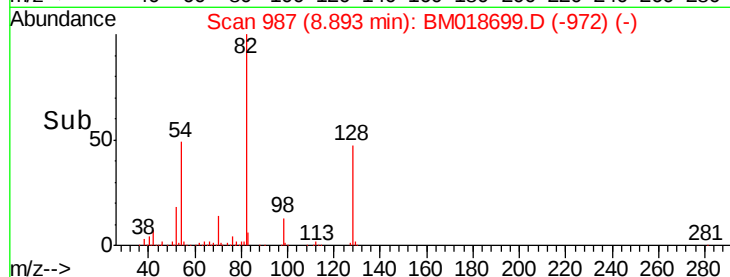
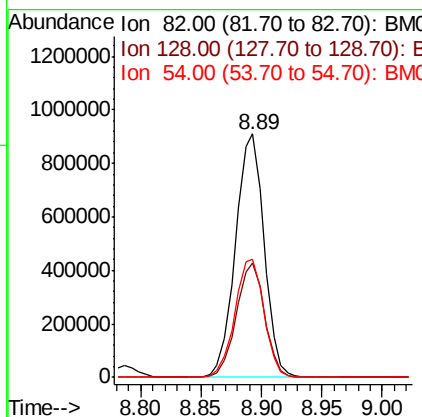
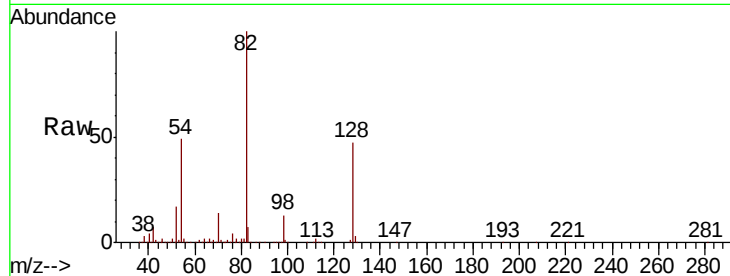
#23
Nitrobenzene-d5
Concen: 86.613 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	48.8	41.7	62.5

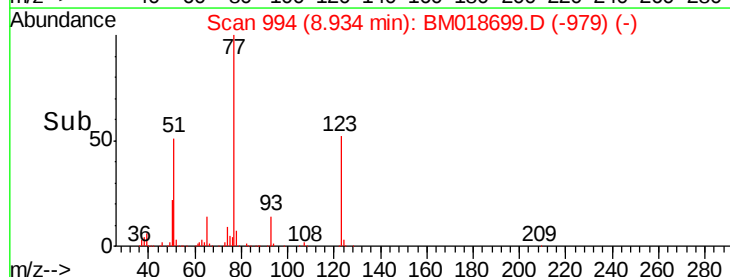
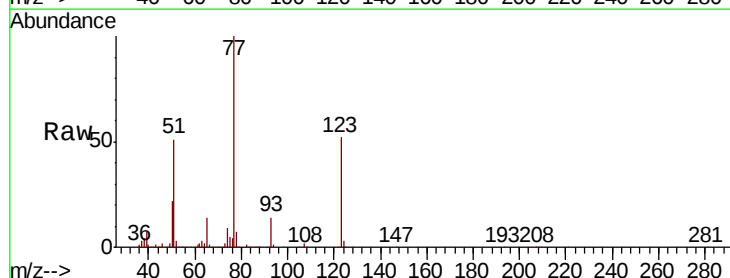
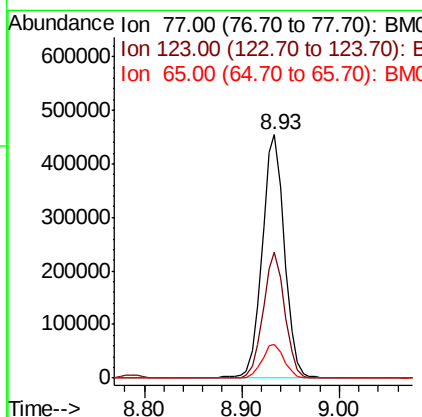
Manual Integrations
APPROVED

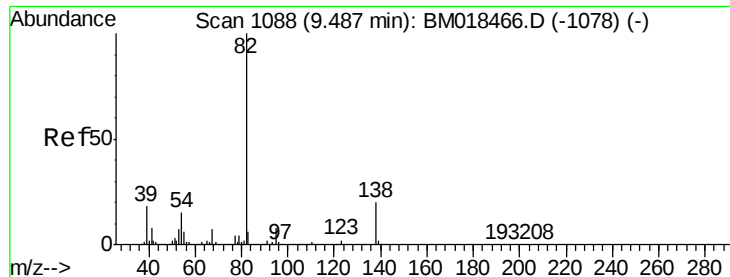
mohammad
2/1/2019 12:05:11 AM



#24
Nitrobenzene
Concen: 42.596 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.8	37.7	56.5
65	13.7	11.0	16.6





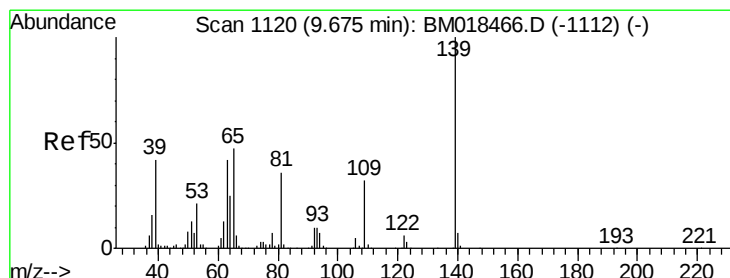
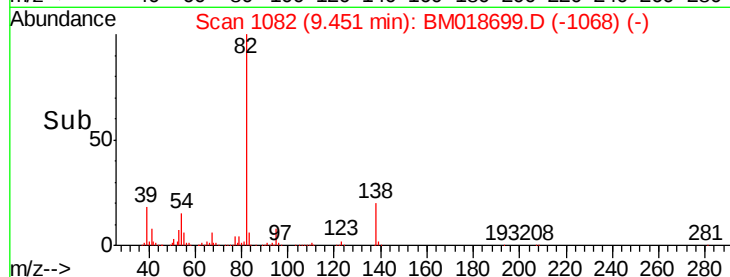
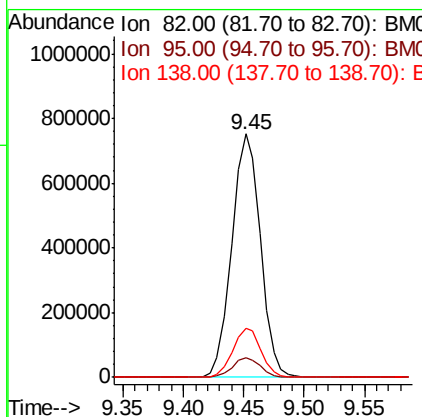
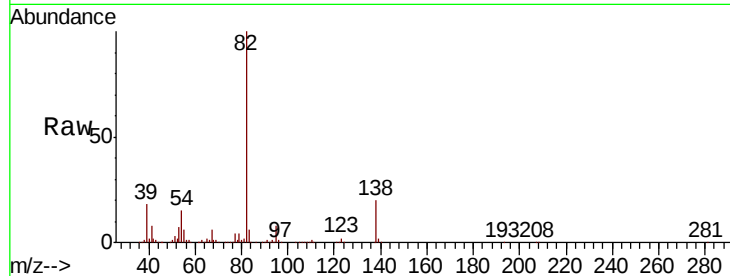
#25
Isophorone
Concen: 47.246 ng
RT: 9.45 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	82	Resp	1244541
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.1	9.1
138	20.1	15.1	22.7

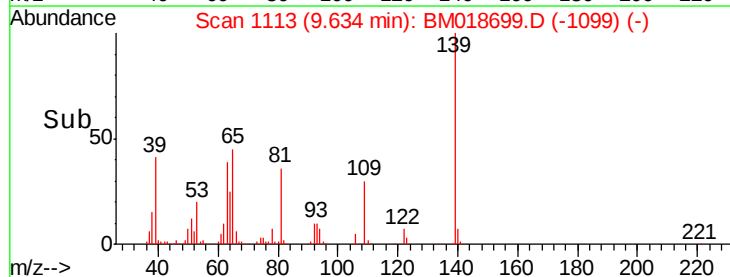
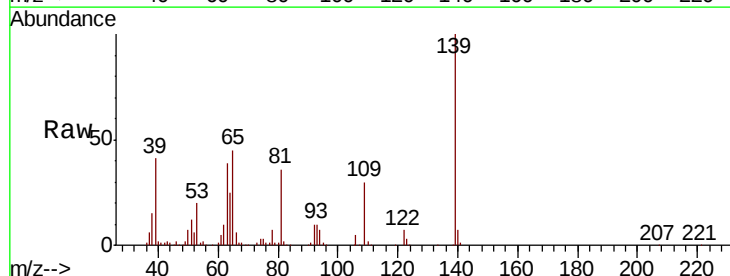
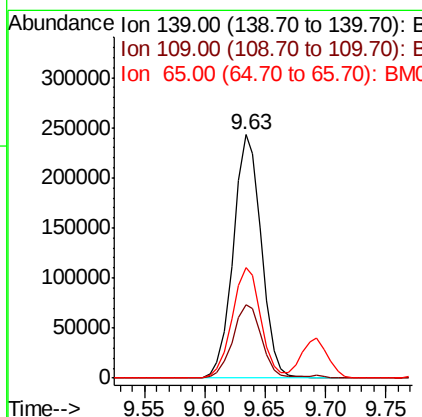
Manual Integrations
APPROVED

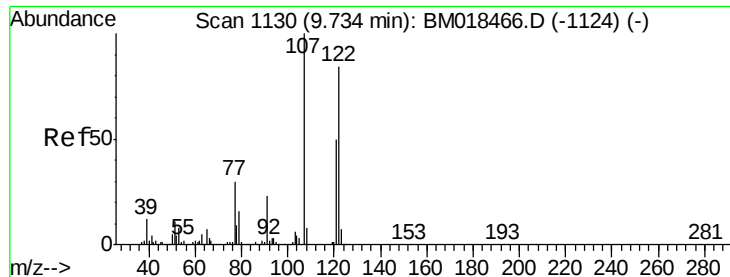
mohammad
2/1/2019 12:05:11 AM



#26
2-Nitrophenol
Concen: 47.605 ng
RT: 9.63 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	139	Resp	393991
Ion	Ratio	Lower	Upper
139	100		
109	30.3	23.4	35.2
65	45.4	39.4	59.2





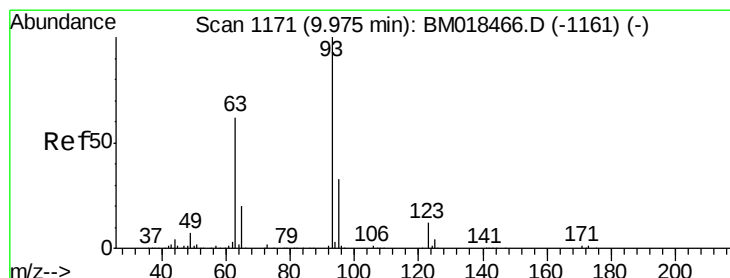
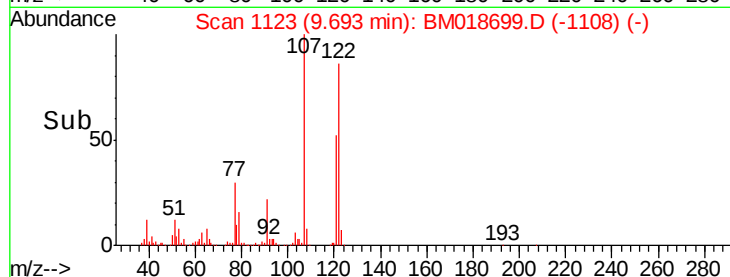
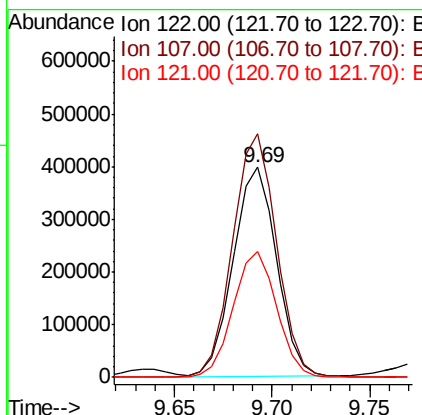
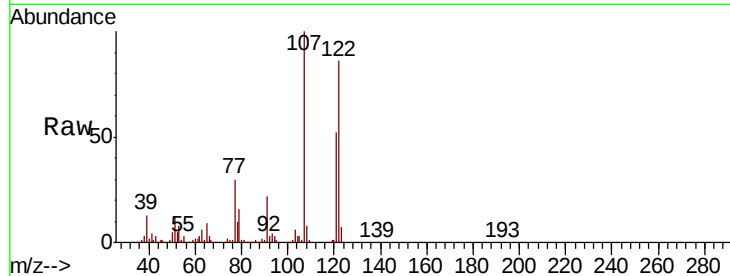
#27
2,4-Dimethylphenol
Concen: 49.230 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	91.9	137.9
121	60.0	47.5	71.3

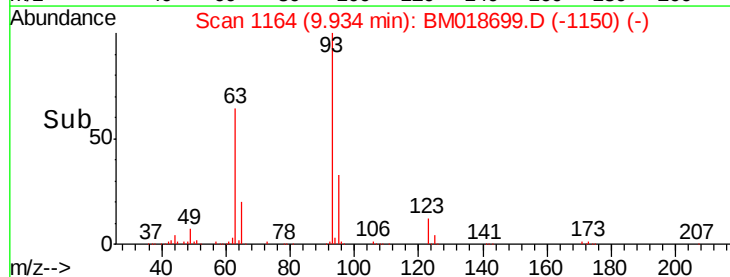
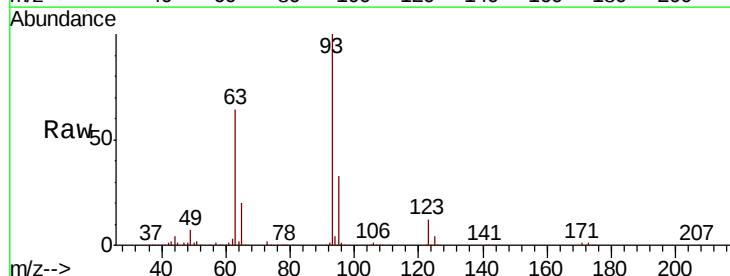
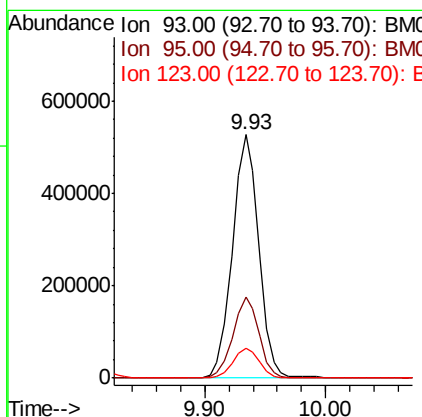
Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.045 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	39.8
123	12.2	9.9	14.9





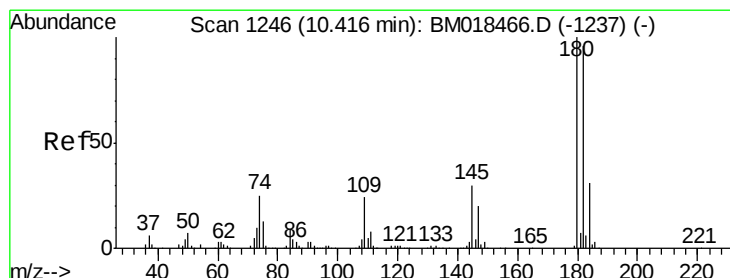
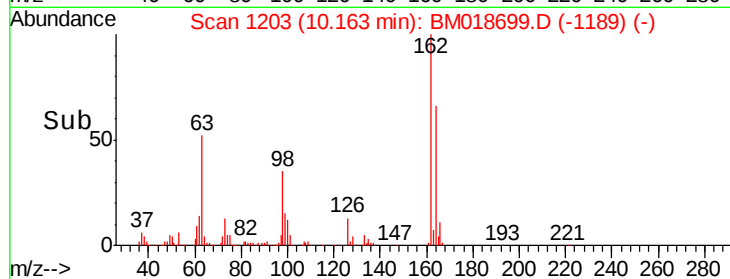
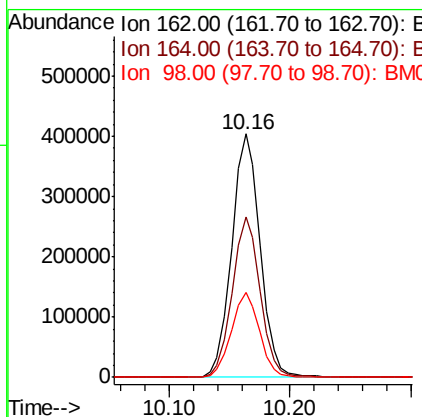
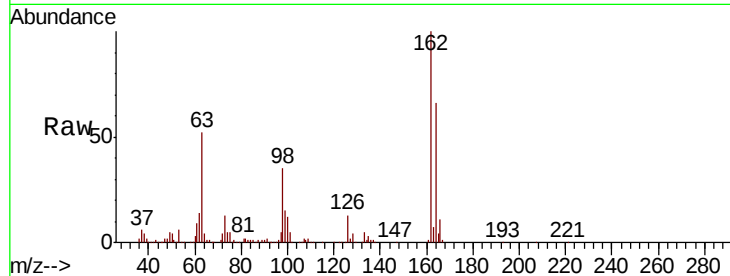
#29
 2,4-Dichlorophenol
 Concen: 44.784 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BM018699.D
 Acq: 30 Jan 2019 17:49

Instrument :
 BNA_M
 ClientSampleID :
 TP-8-ABMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		661530		
164	65.7	45.6		85.6	
98	34.8	14.7		54.7	

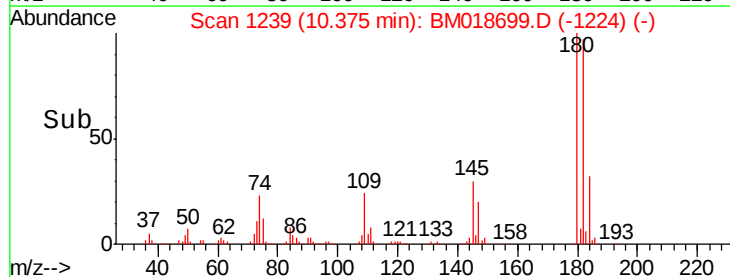
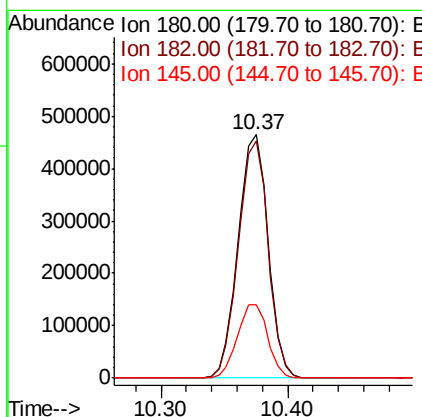
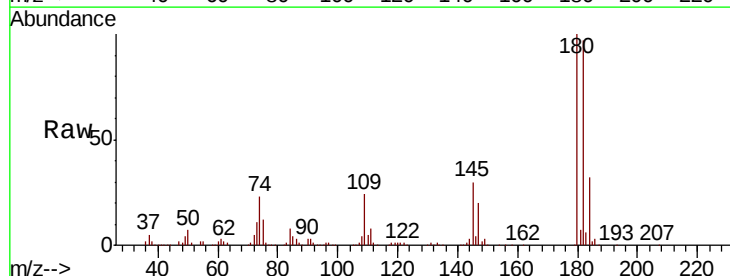
Manual Integrations
 APPROVED

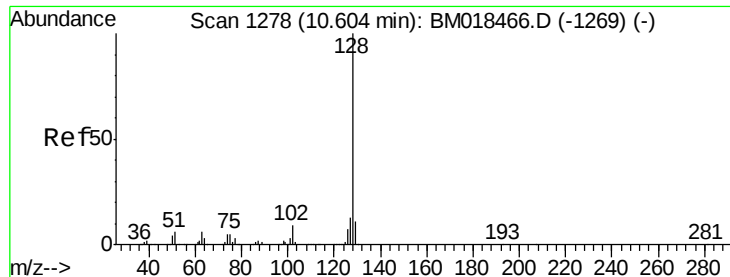
mohammad
 2/1/2019 12:05:11 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.597 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BM018699.D
 Acq: 30 Jan 2019 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		762675		
182	97.2	77.4		116.2	
145	30.2	24.6		37.0	





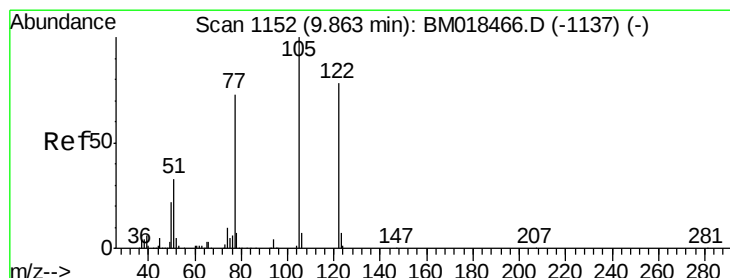
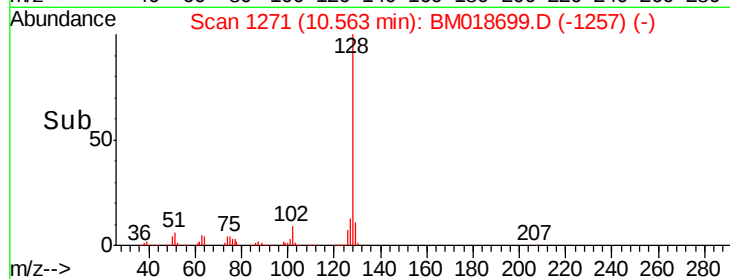
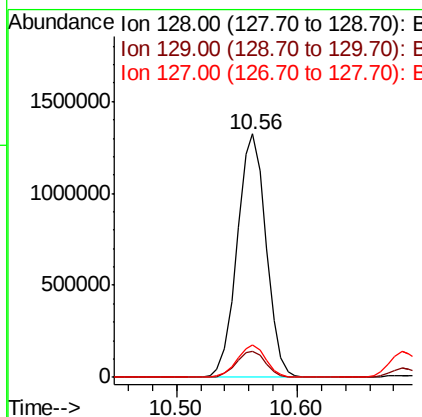
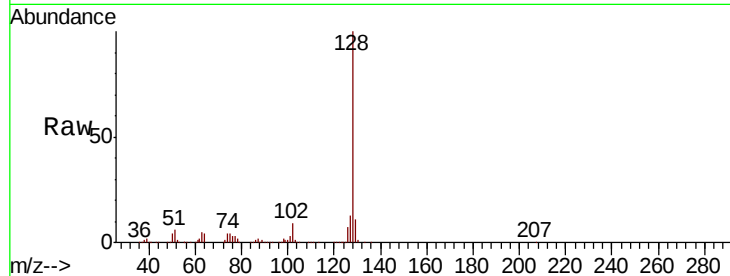
#31
Naphthalene
Concen: 45.420 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.3	10.8	16.2

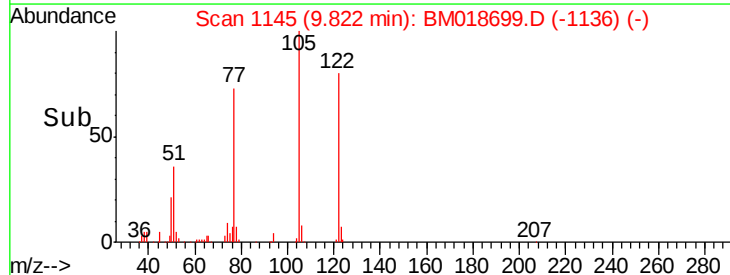
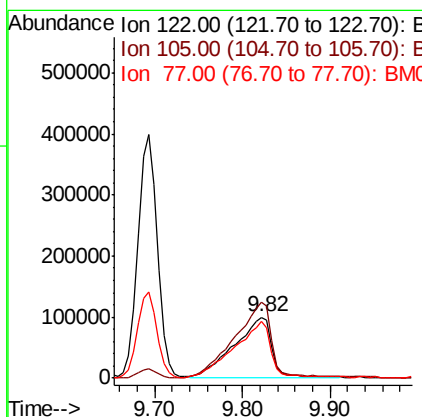
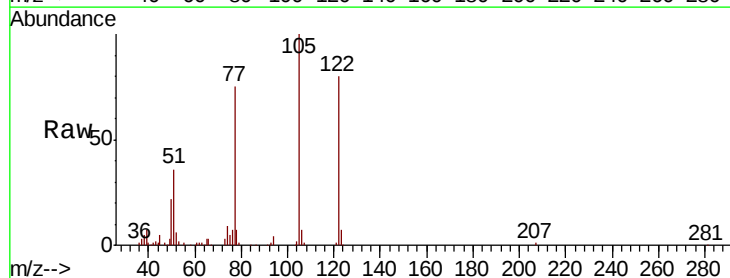
Manual Integrations
APPROVED

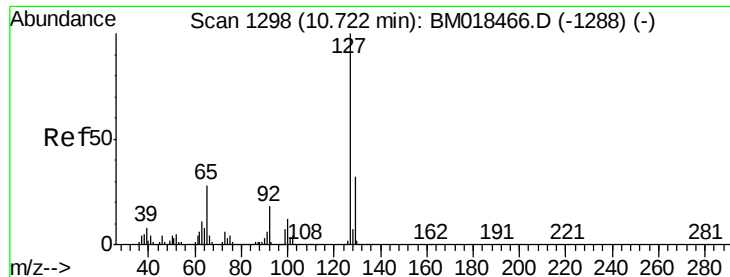
mohammad
2/1/2019 12:05:11 AM



#32
Benzoic acid
Concen: 38.278 ng m
RT: 9.82 min Scan# 1145
Delta R.T. -0.05 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	100.4	140.4
77	93.7	71.7	111.7





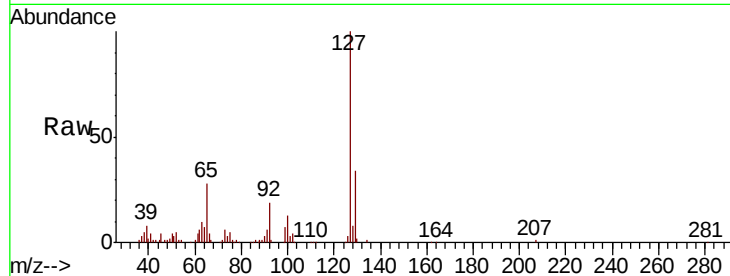
#33
4-Chloroaniline
Concen: 13.484 ng
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.3	25.9	38.9		
65	28.1	23.4	35.2		
92	19.2	14.5	21.7		

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM



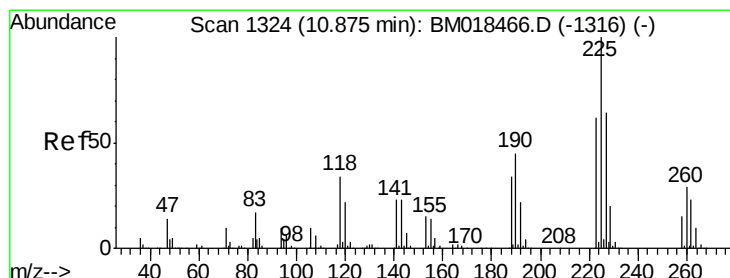
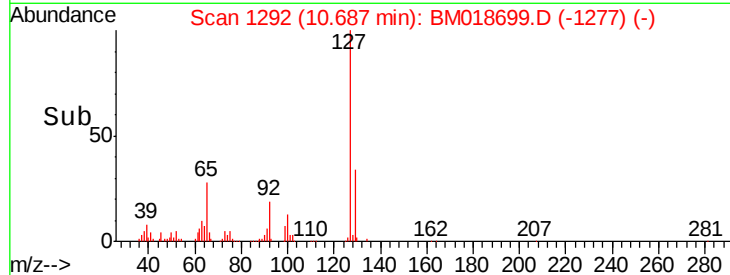
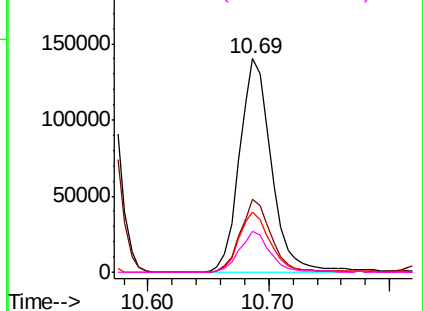
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

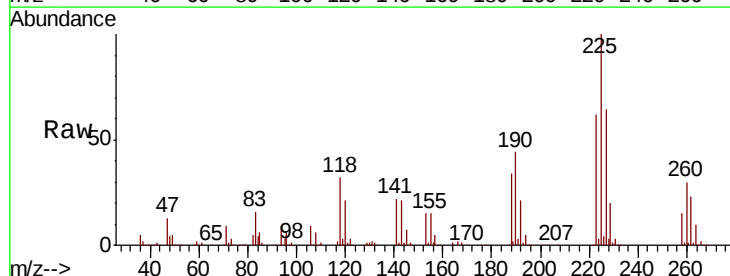
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 40.065 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	50.8	76.2		
227	64.0	50.4	75.6		

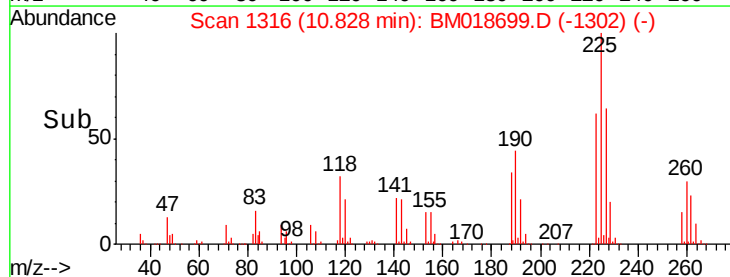
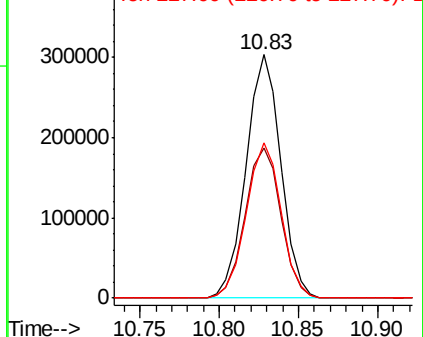


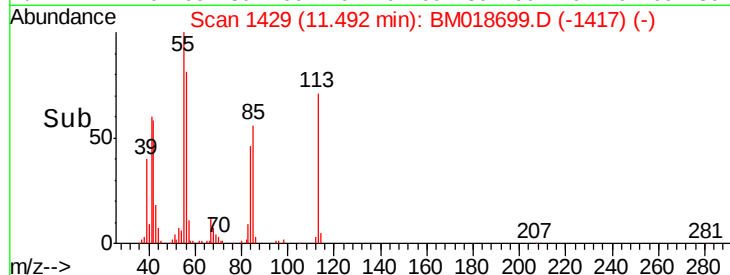
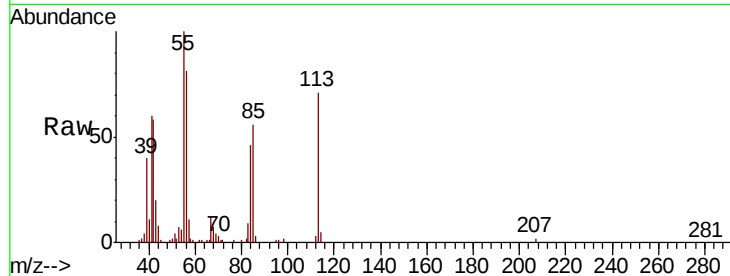
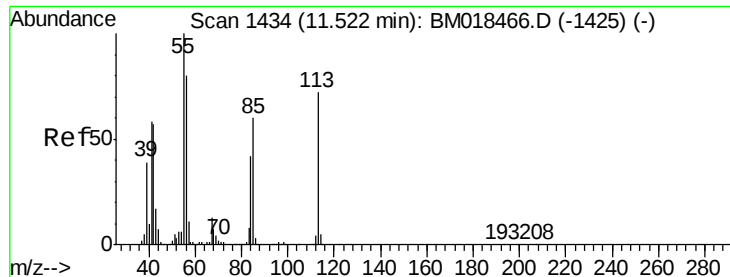
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.760 ng/ml

RT: 11.49 min Scan# 1429

Delta R.T. -0.03 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMSD

Tot Ion: 113 Resp: 164528

Ion Ratio Lower Upper

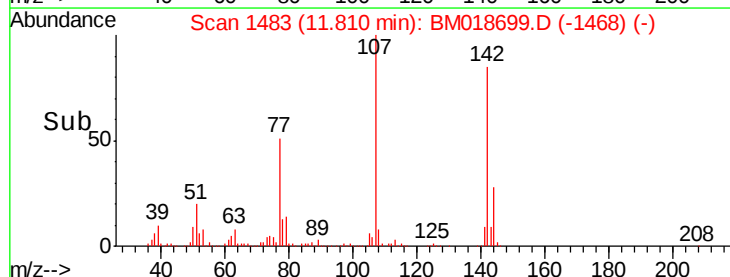
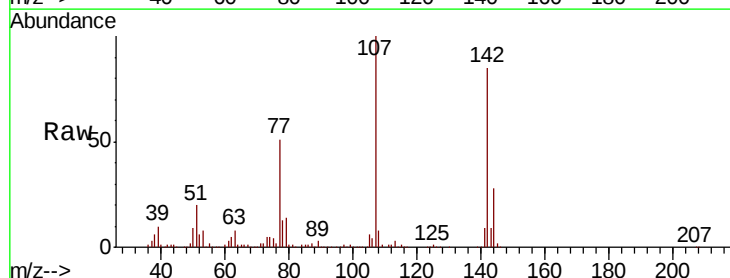
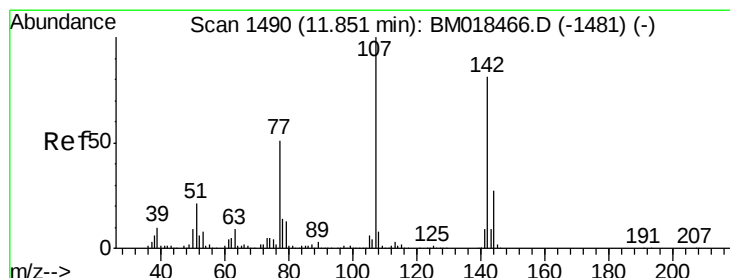
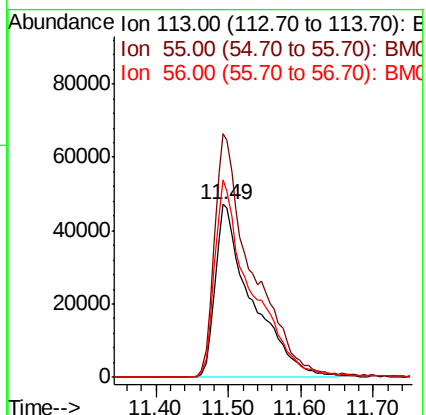
113 100

55 141.0 139.3 179.3

56 114.6 101.4 141.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM



#36

4-Chloro-3-methylphenol

Concen: 40.829 ng/ml

RT: 11.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

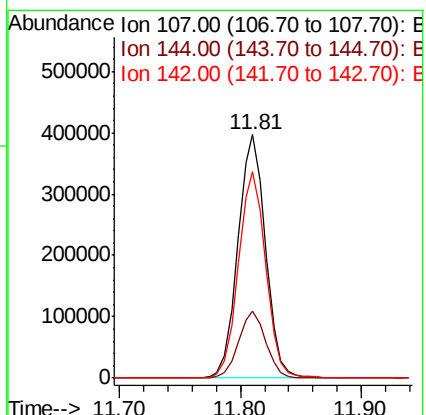
Tgt Ion: 107 Resp: 632738

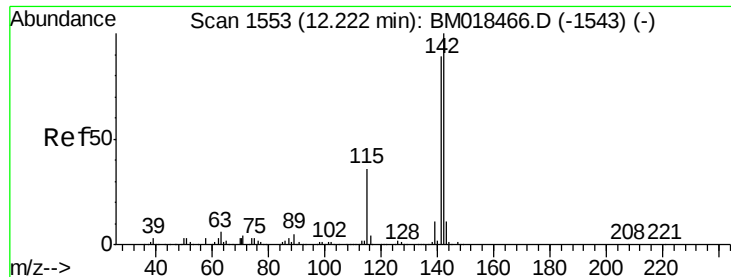
Ion Ratio Lower Upper

107 100

144 27.6 21.9 32.9

142 84.6 67.9 101.9





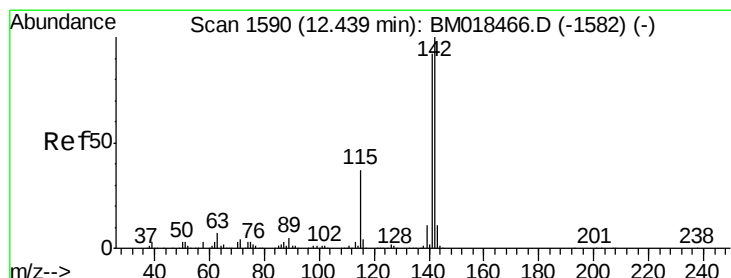
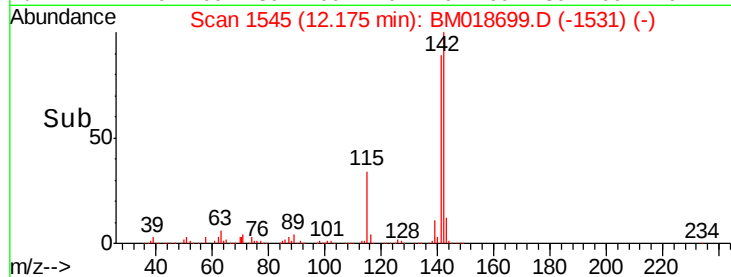
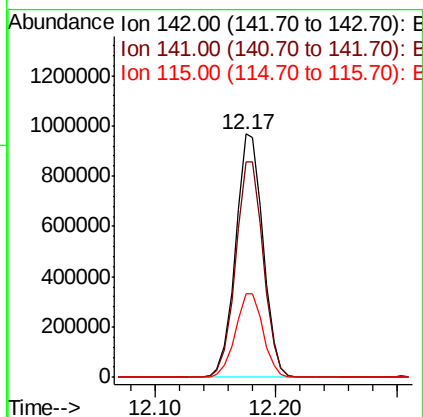
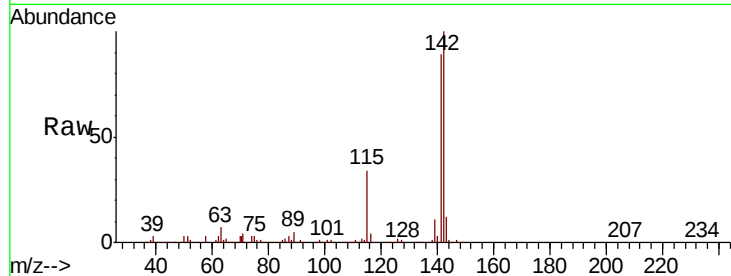
#37
2-Methylnaphthalene
Concen: 44.681 ng
RT: 12.17 min Scan# 1545
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	34.4	28.0	42.0

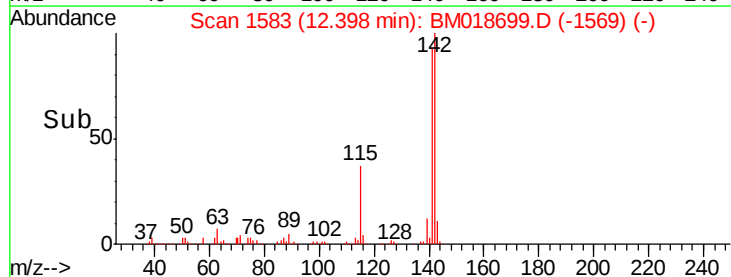
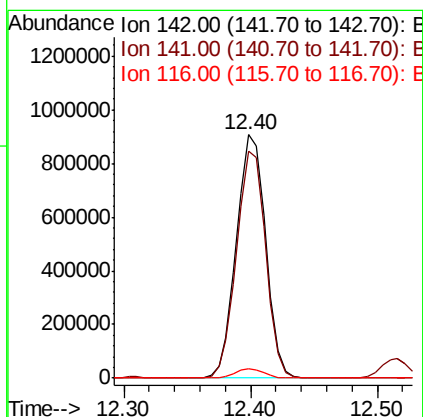
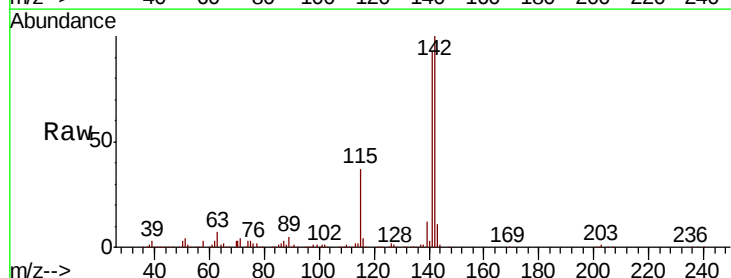
Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM



#38
1-Methylnaphthalene
Concen: 43.704 ng
RT: 12.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.6	113.4
116	3.8	3.0	4.6





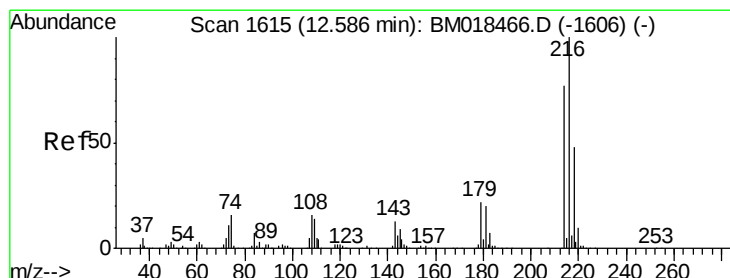
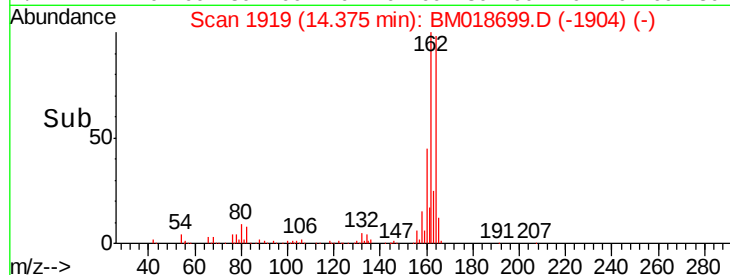
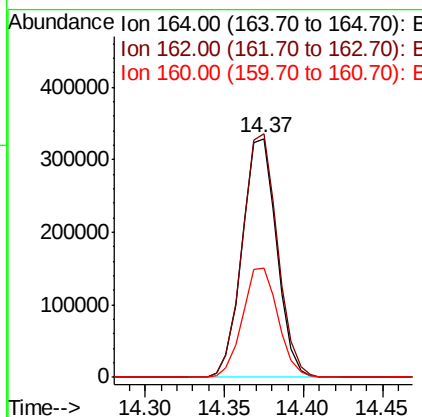
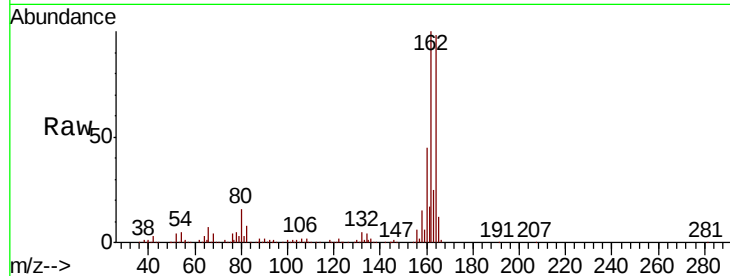
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.0	124.4
160	45.9	37.1	55.7

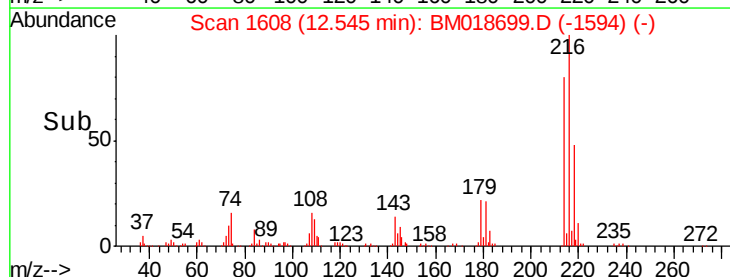
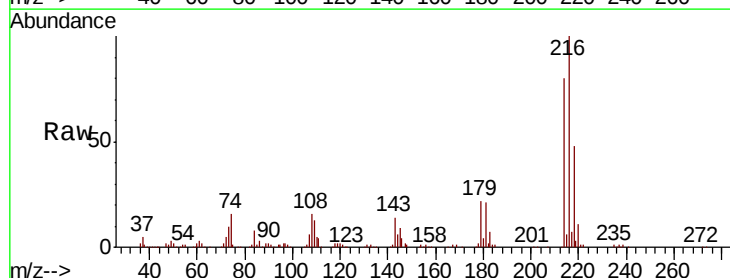
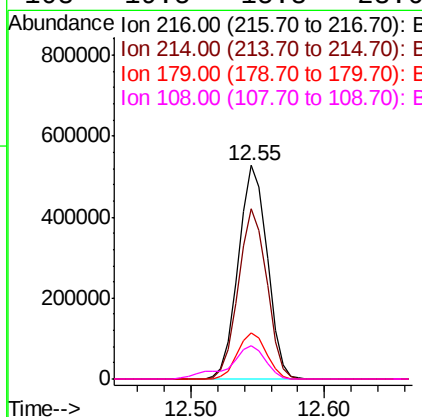
Manual Integrations
APPROVED

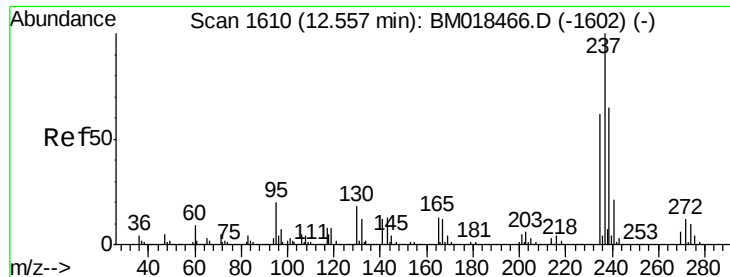
mohammad
2/1/2019 12:05:11 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.559 ng
RT: 12.55 min Scan# 1608
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	21.6	17.9	26.9
108	19.5	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 97.196 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

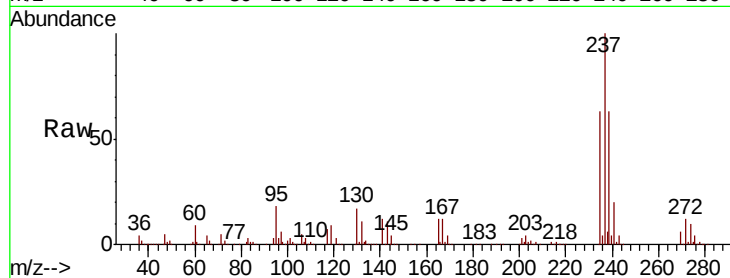
ClientSampleId :

TP-8-ABMSD

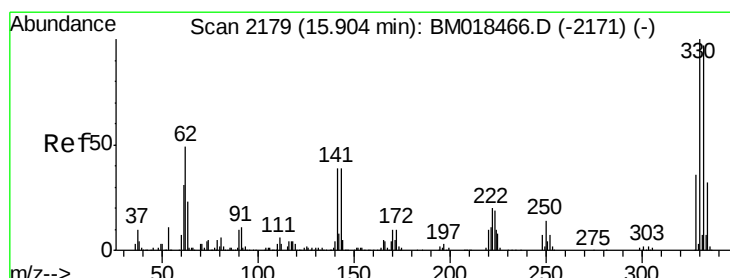
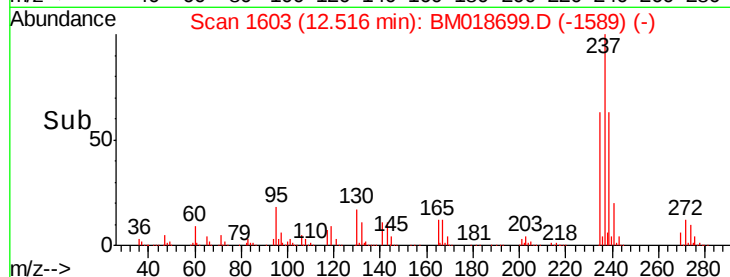
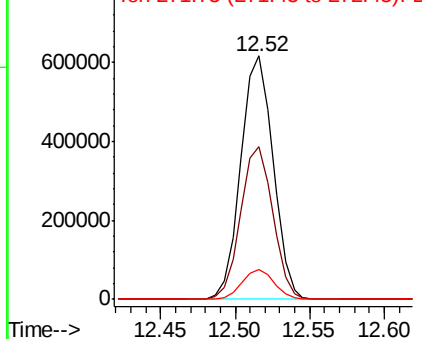
Tot Ion:	237	Resp:	926358
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.8	82.8
272	12.2	0.0	31.9

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 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: 123.508 ng

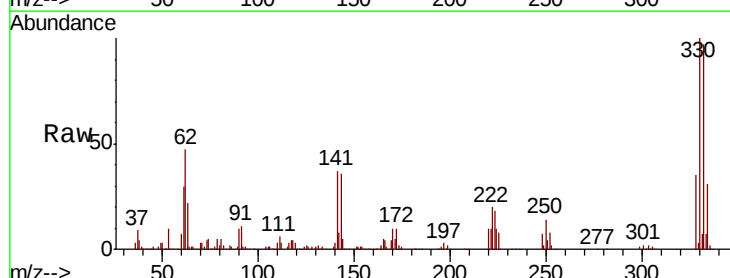
RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

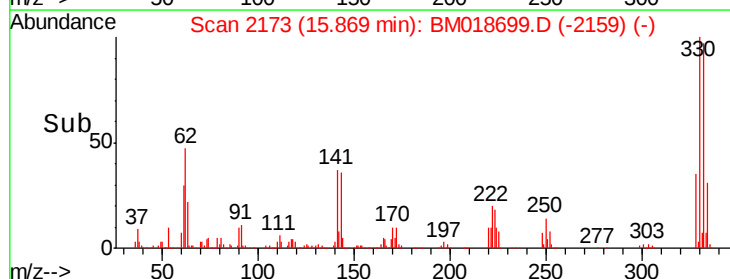
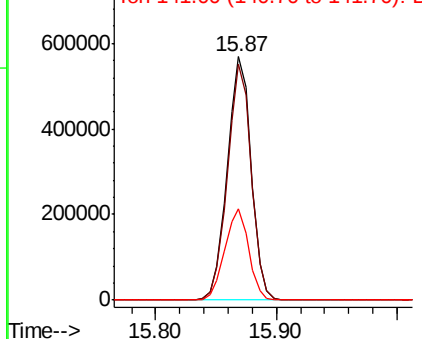
Lab File: BM018699.D

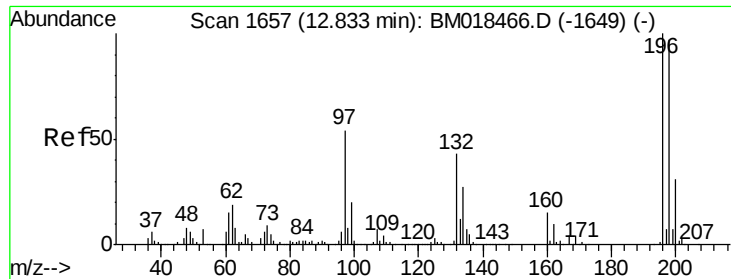
Acq: 30 Jan 2019 17:49

Tgt Ion:	330	Resp:	780945
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.6	116.4
141	37.4	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





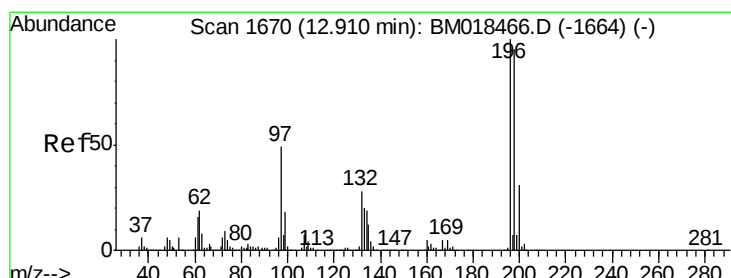
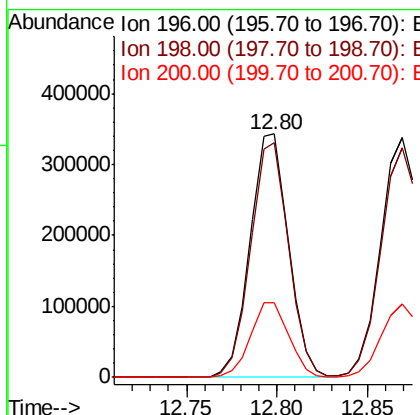
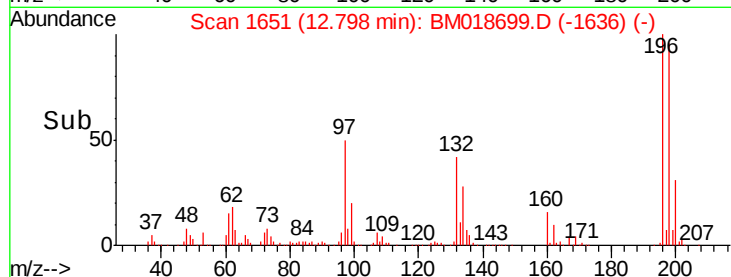
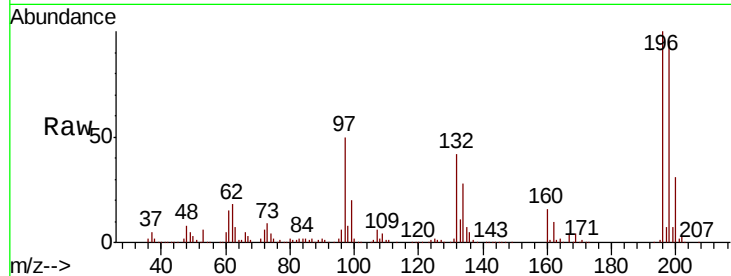
#43
 2,4,6-Trichlorophenol
 Concen: 48.299 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018699.D
 Acq: 30 Jan 2019 17:49

Instrument :
 BNA_M
 ClientSampled :
 TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.6	115.0
200	30.7	24.2	36.4

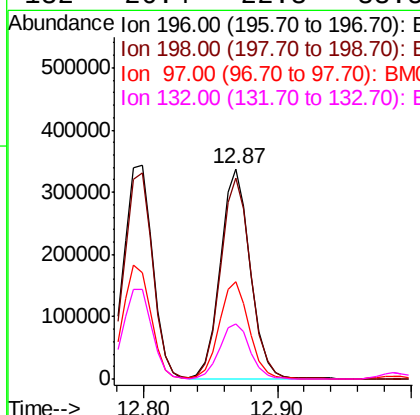
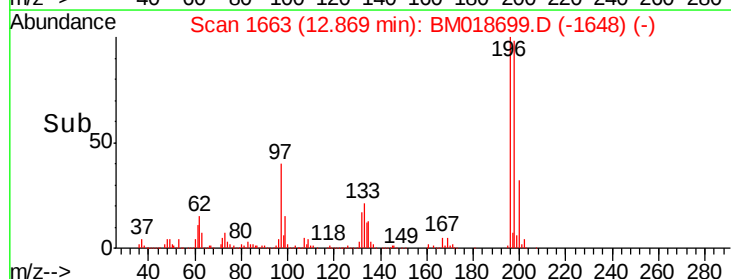
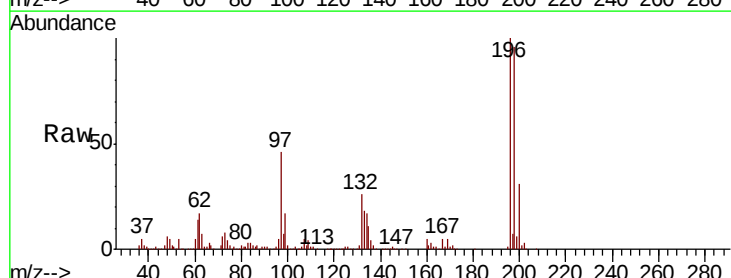
Manual Integrations
 APPROVED

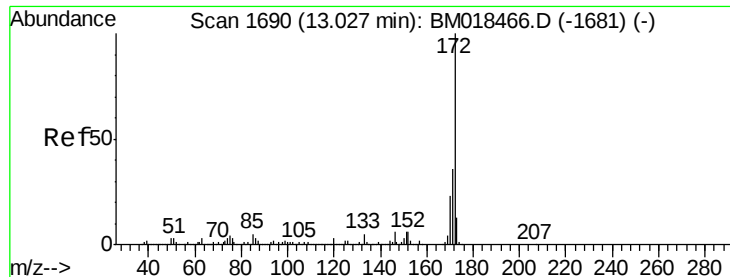
mohammad
 2/1/2019 12:05:11 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.565 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM018699.D
 Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.7	115.1
97	46.2	39.2	58.8
132	26.4	22.3	33.5





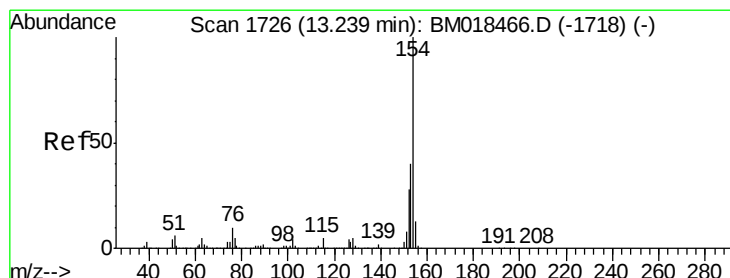
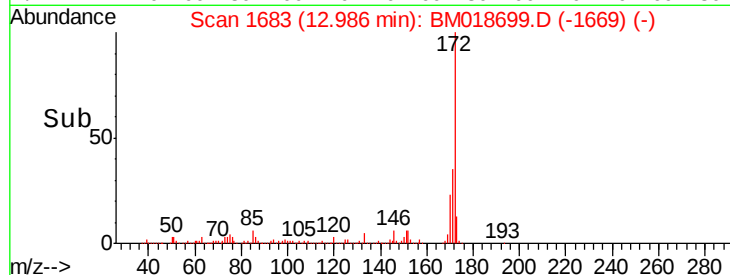
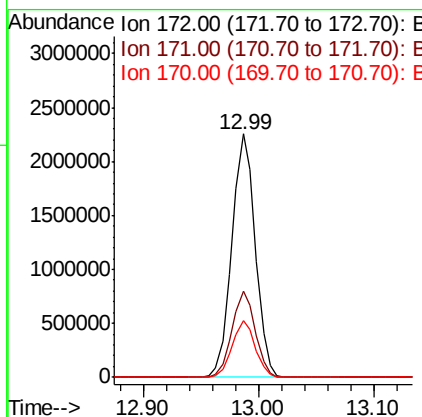
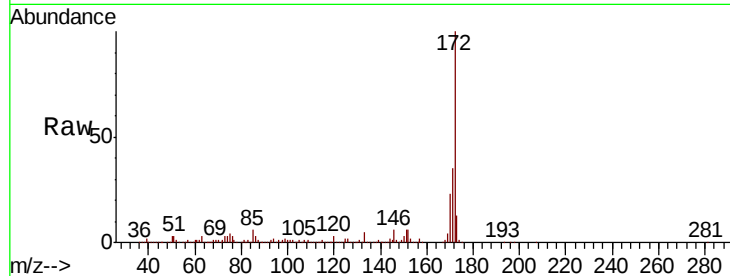
#45
2-Fluorobiphenyl
Concen: 83.016 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.1	18.9	28.3

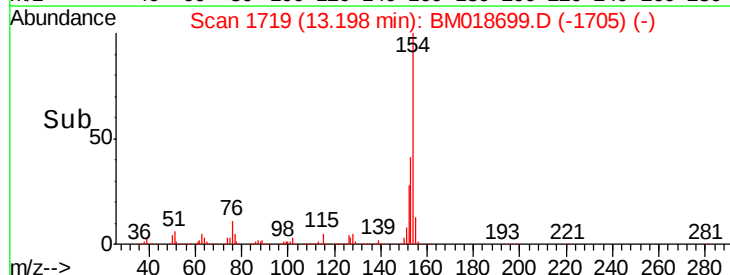
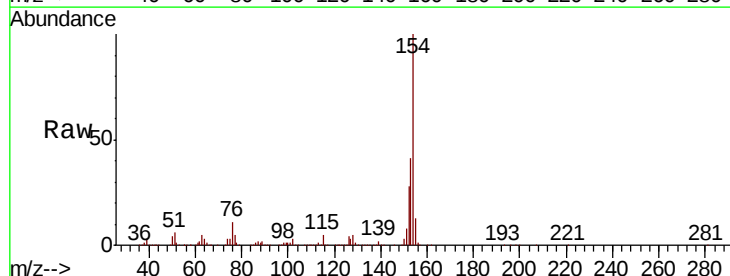
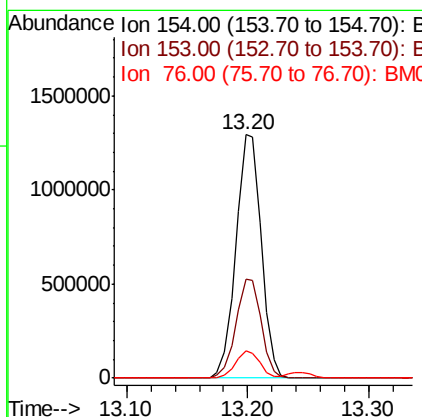
Manual Integrations
APPROVED

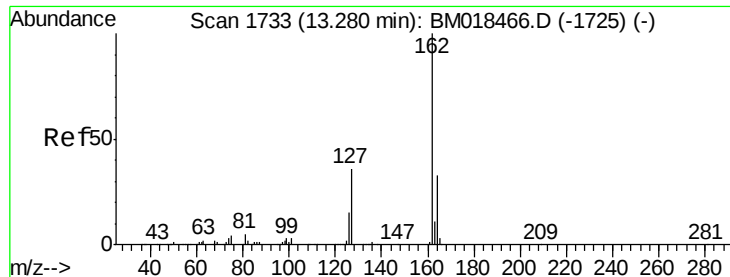
mohammad
2/1/2019 12:05:11 AM



#46
1,1'-Biphenyl
Concen: 43.625 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	11.1	0.0	31.9





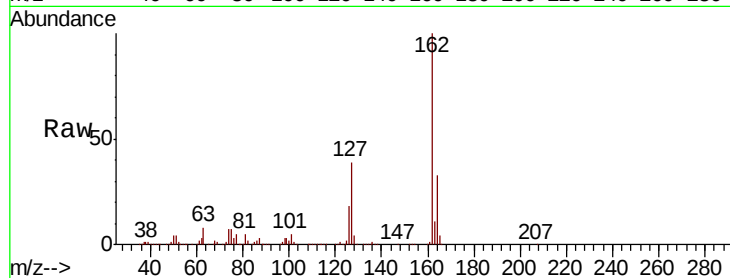
#47
2-Chloronaphthalene
Concen: 43.340 ng
RT: 13.25 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.4	47.0
164	32.6	26.2	39.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM

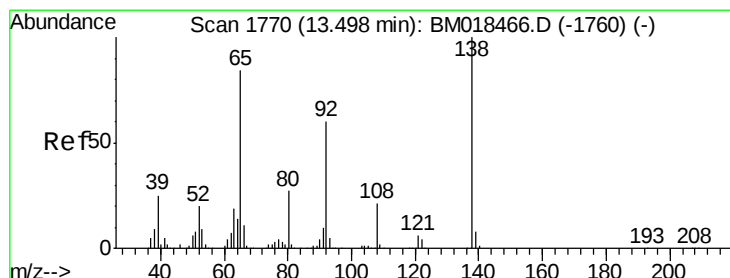
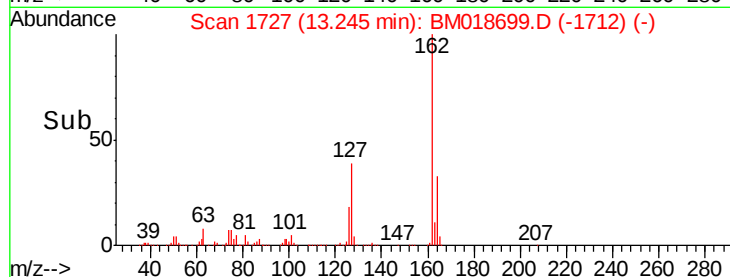
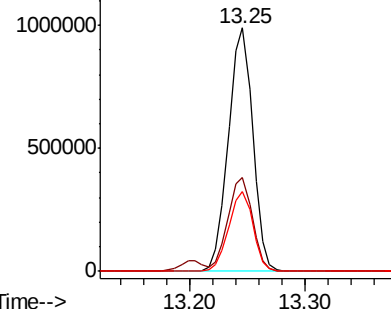


Abundance

Ion 162.00 (161.70 to 162.70): E

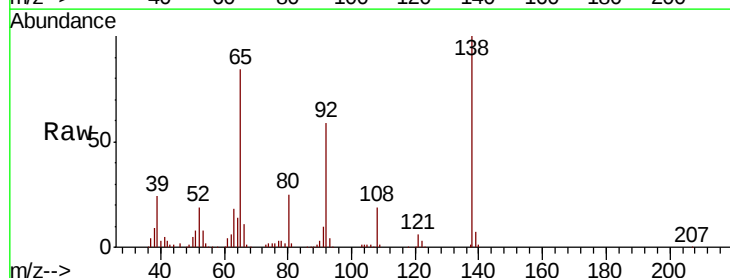
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.722 ng
RT: 13.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	53.4	80.2
138	118.7	88.9	133.3

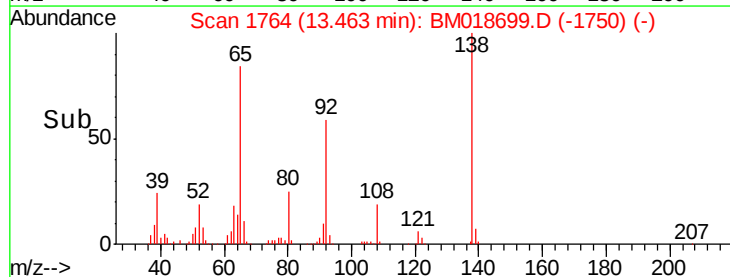
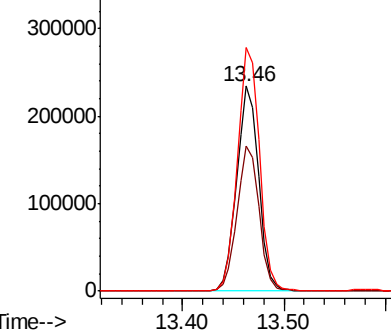


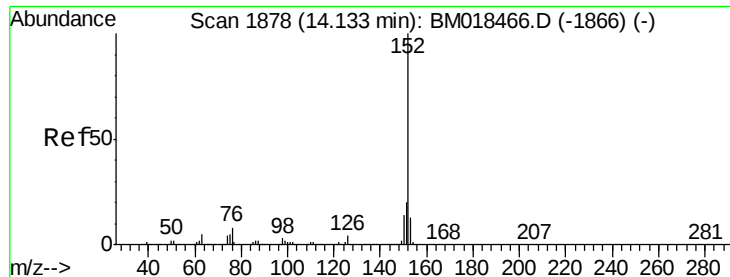
Abundance

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: 45.579 ng

RT: 14.09 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

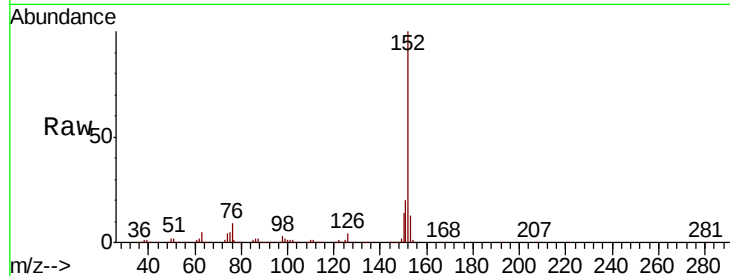
ClientSampleId :

TP-8-ABMSD

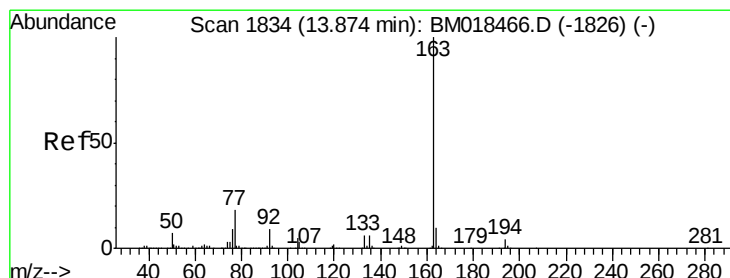
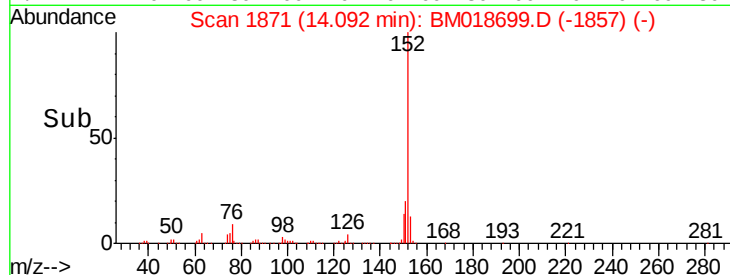
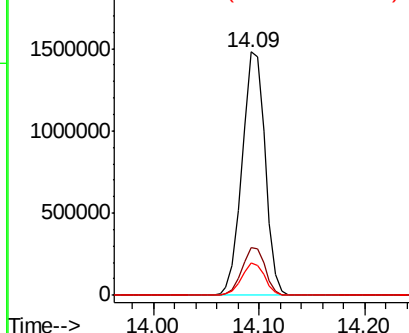
Tot Ion:	152	Resp:	2233425
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.7	23.5
153	13.4	10.5	15.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 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: 48.092 ng

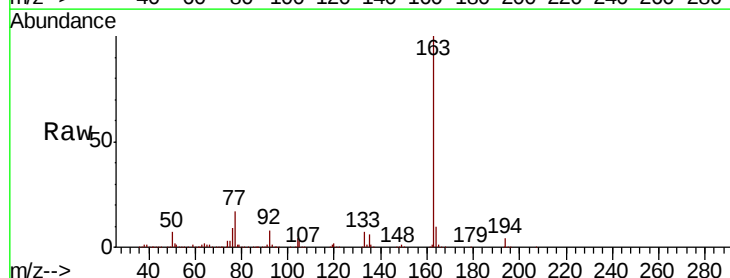
RT: 13.84 min Scan# 1828

Delta R.T. -0.01 min

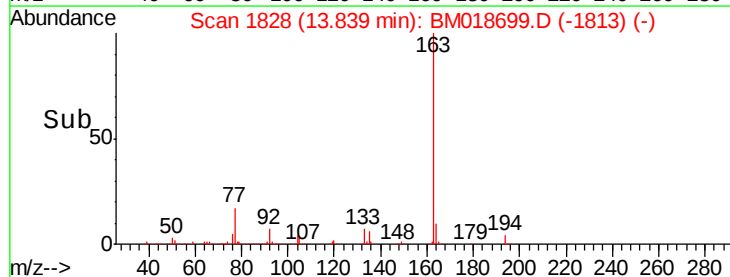
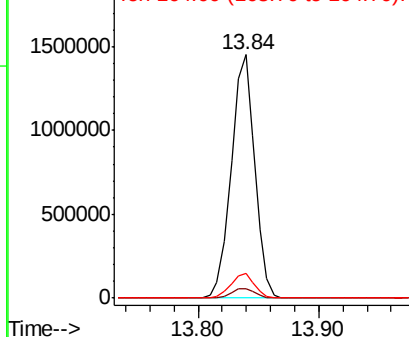
Lab File: BM018699.D

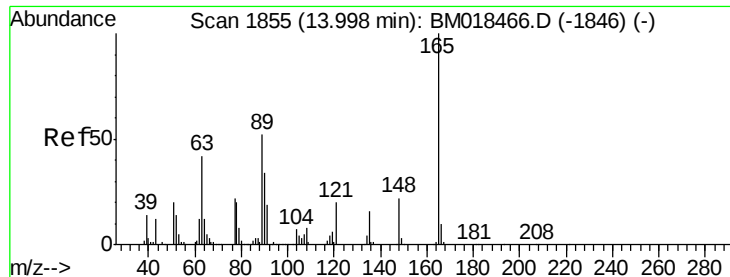
Acq: 30 Jan 2019 17:49

Tgt Ion:	163	Resp:	1961392
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	10.0	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E
2000000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





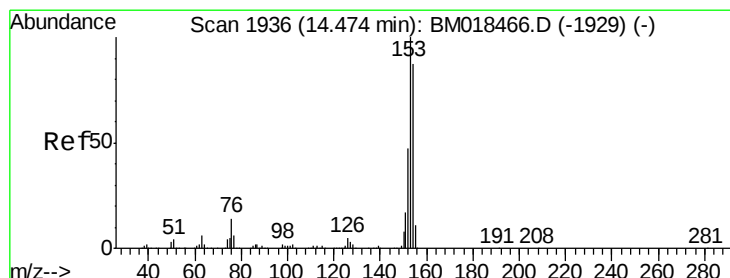
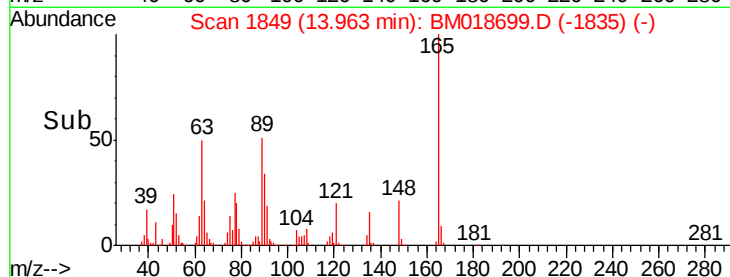
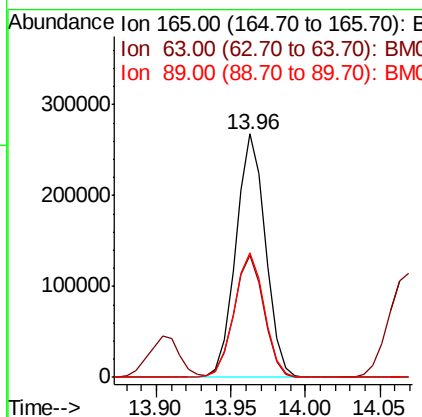
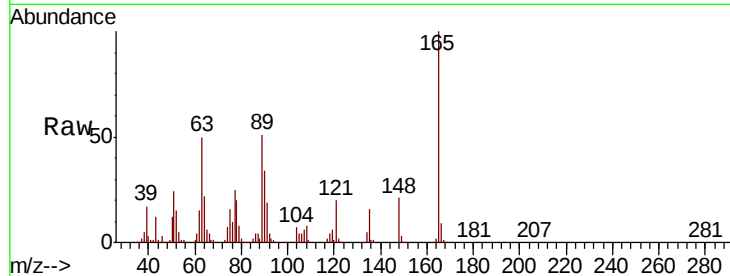
#51
2,6-Dinitrotoluene
Concen: 42.706 ng
RT: 13.96 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	368934		
63	50.3		45.6	68.4
89	50.9		44.6	66.8

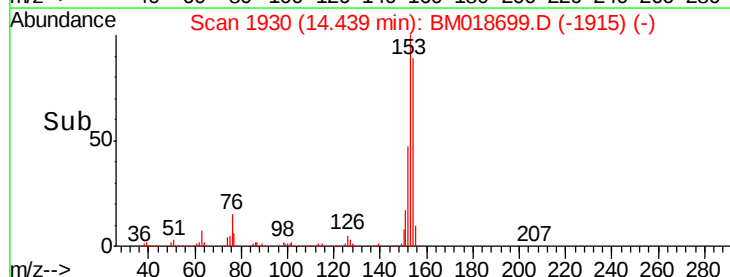
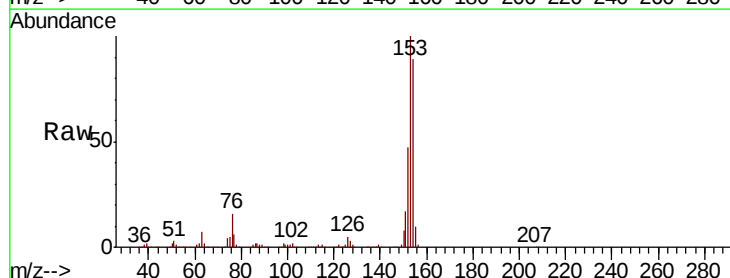
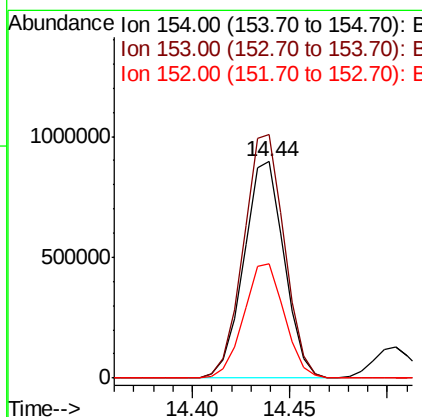
Manual Integrations
APPROVED

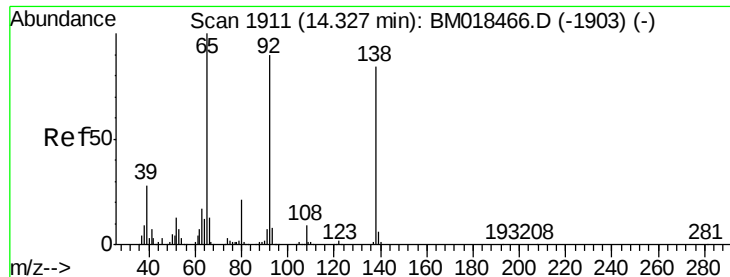
mohammad
2/1/2019 12:05:11 AM



#52
Acenaphthene
Concen: 42.861 ng
RT: 14.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1285039		
153	112.6		92.3	138.5
152	52.7		43.8	65.6





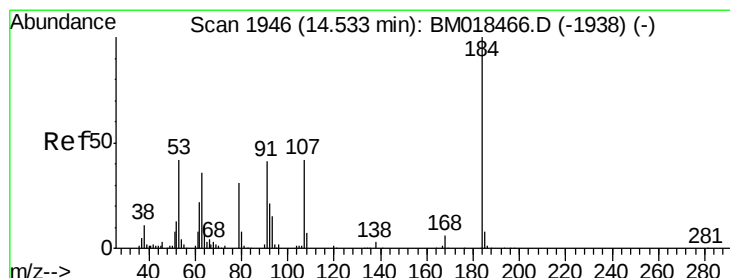
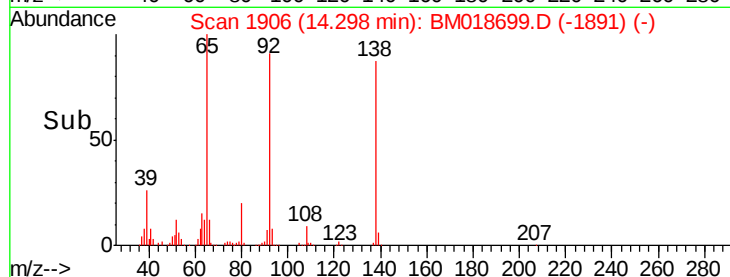
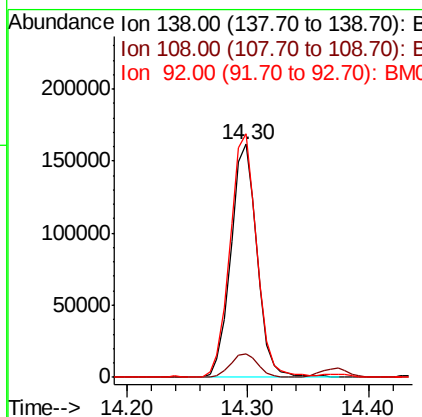
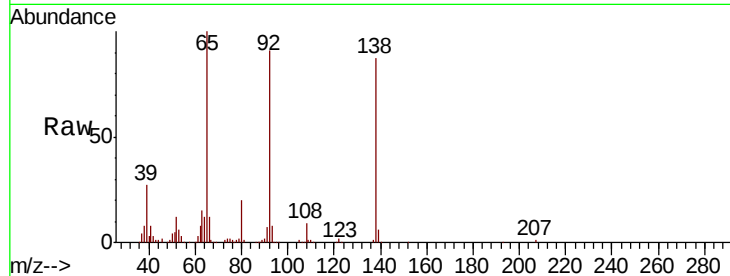
#53
3-Nitroaniline
Concen: 28.066 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.1	13.7
92	104.3	88.2	132.2

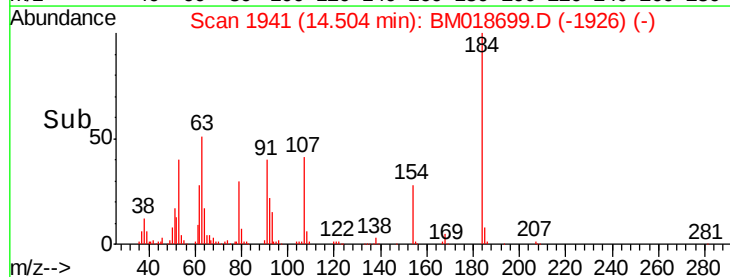
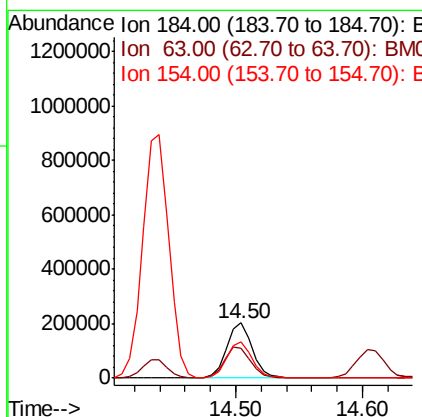
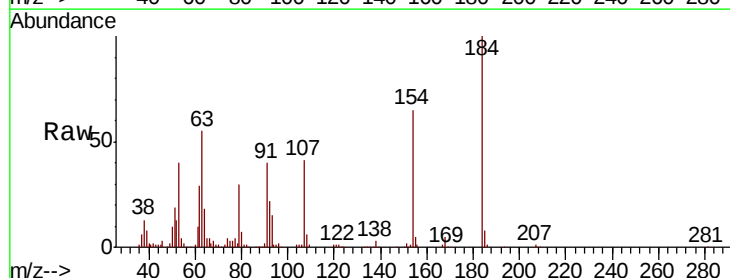
Manual Integrations
APPROVED

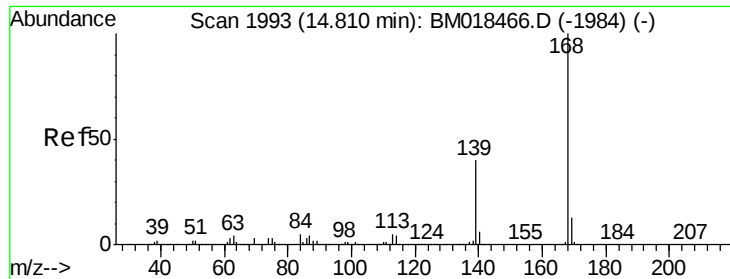
mohammad
2/1/2019 12:05:11 AM



#54
2,4-Dinitrophenol
Concen: 62.617 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.9	55.9	83.9#
154	64.8	54.2	81.4





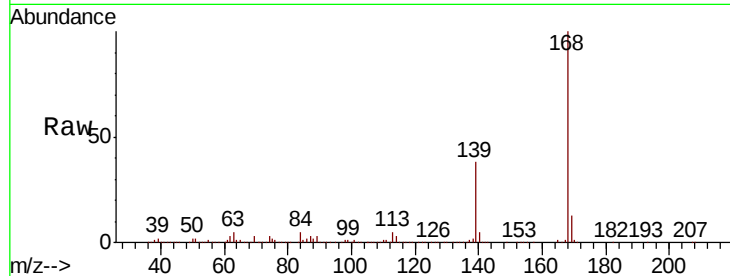
#55
Dibenzofuran
Concen: 41.206 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.3	45.5
169	13.1	10.6	16.0

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM

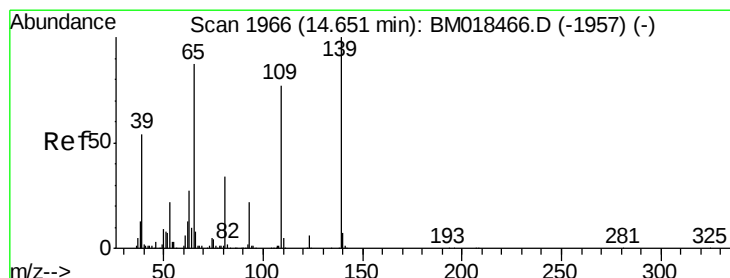
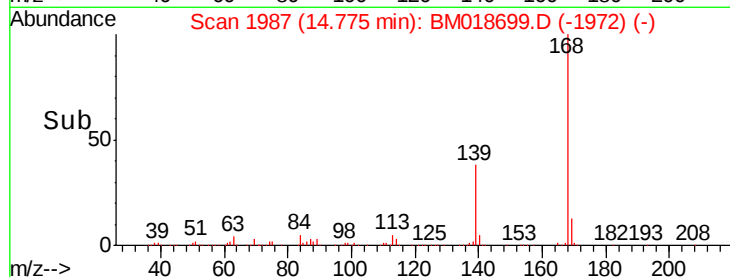
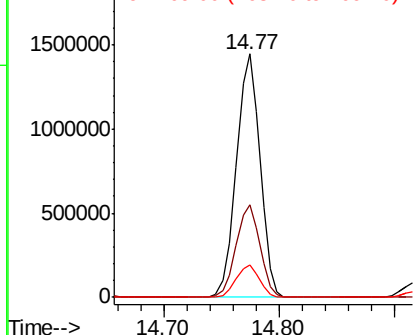


Abundance

Ion 168.00 (167.70 to 168.70): E

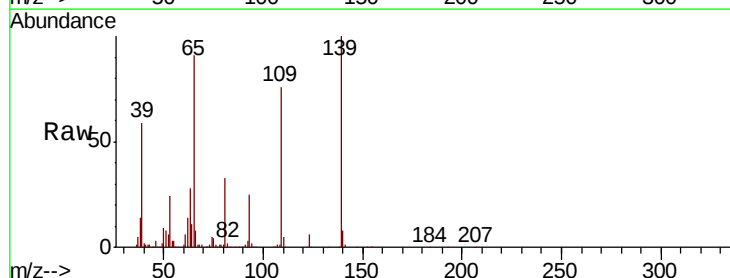
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 80.204 ng
RT: 14.60 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.2	51.7	91.7
65	90.7	71.4	111.4

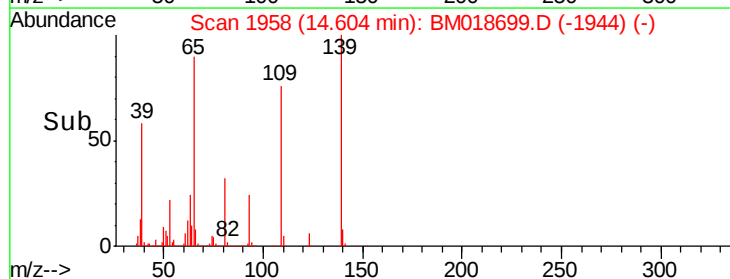
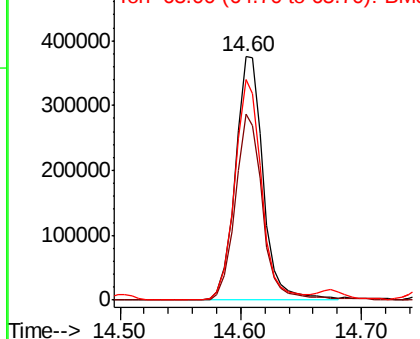


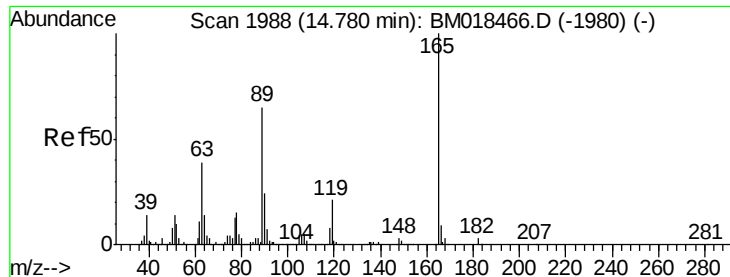
Abundance

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: 40.087 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

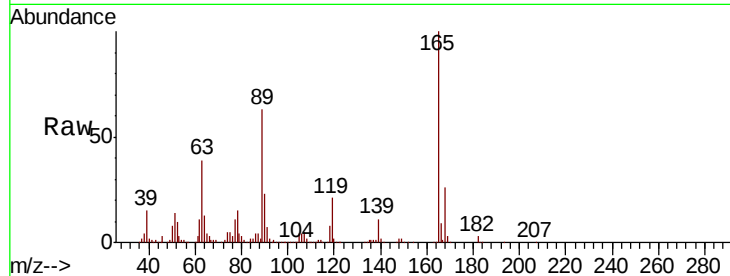
ClientSampleId :

TP-8-ABMSD

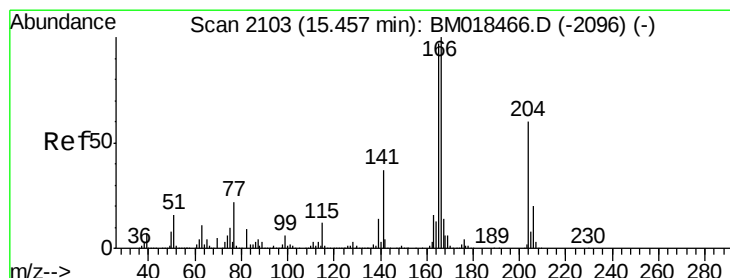
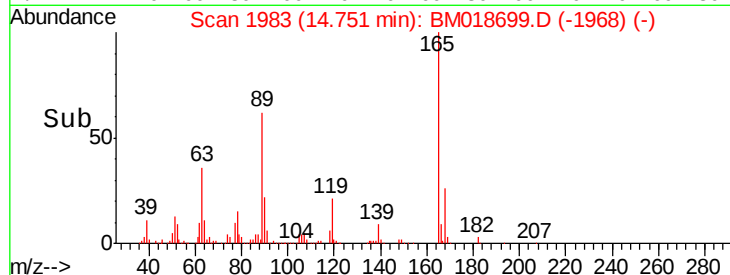
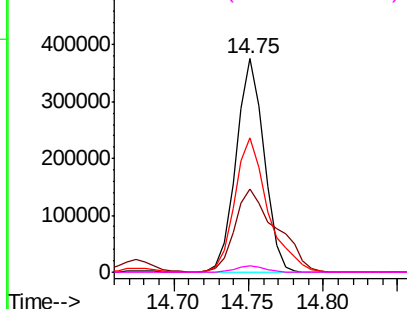
Tot Ion:	165	Resp:	489996
Ion Ratio		Lower	Upper
165	100		
63	39.1	32.2	48.2
89	62.9	52.1	78.1
182	2.8	2.5	3.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 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: 43.166 ng

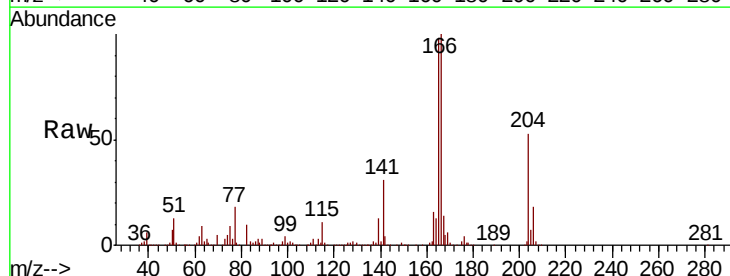
RT: 15.42 min Scan# 2097

Delta R.T. -0.02 min

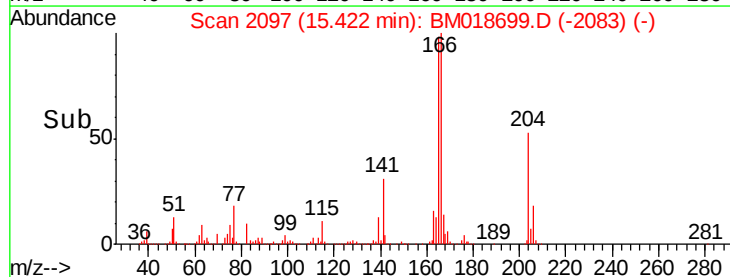
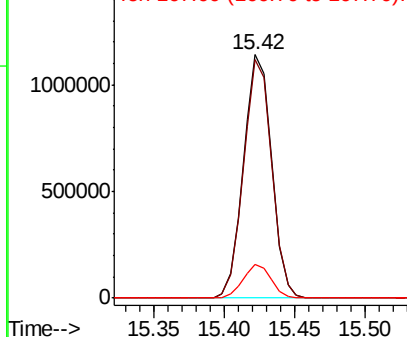
Lab File: BM018699.D

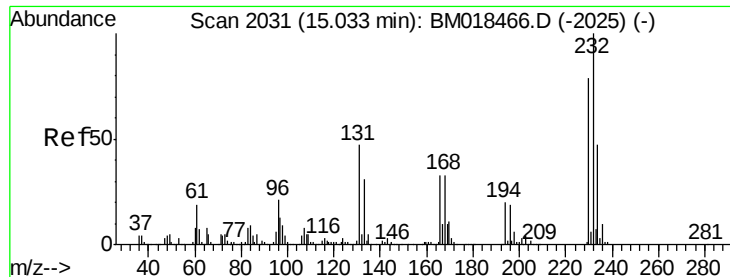
Acq: 30 Jan 2019 17:49

Tgt Ion:	166	Resp:	1592925
Ion Ratio		Lower	Upper
166	100		
165	97.7	78.3	117.5
167	13.9	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





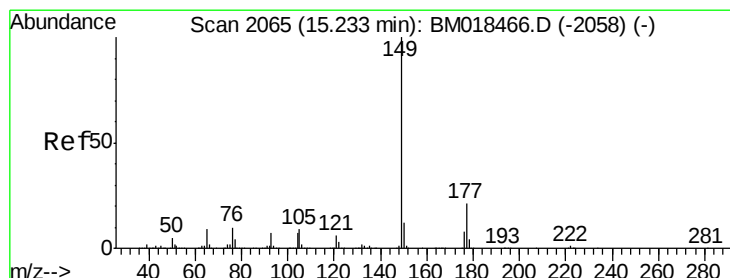
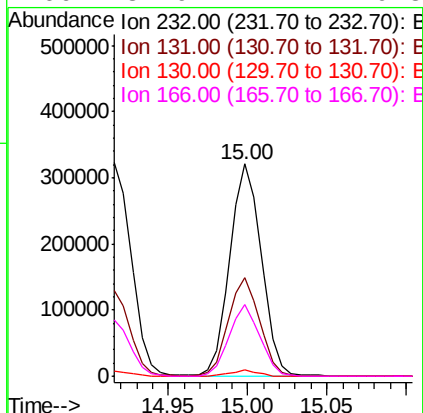
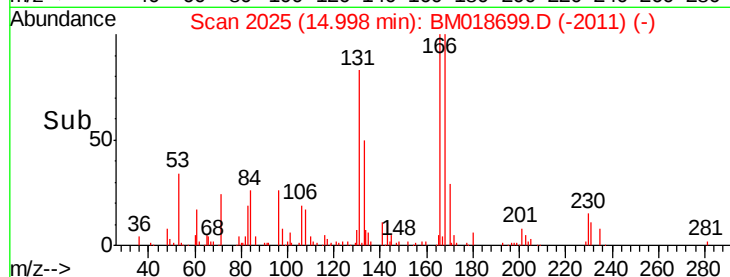
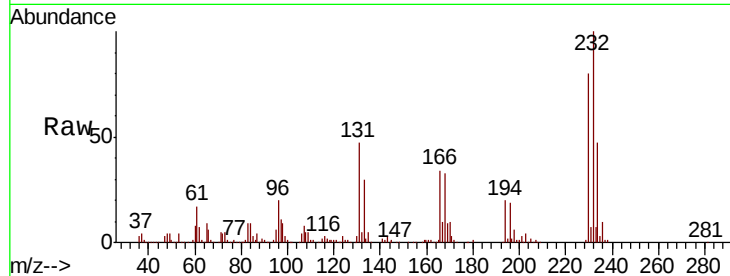
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.910 ng
RT: 15.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion:	232	Resp:	441496
Ion Ratio	Lower	Upper	
232	100		
131	46.0	38.6	57.8
130	2.5	2.2	3.4
166	32.9	27.2	40.8

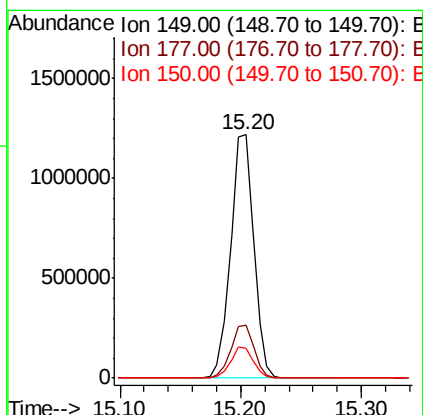
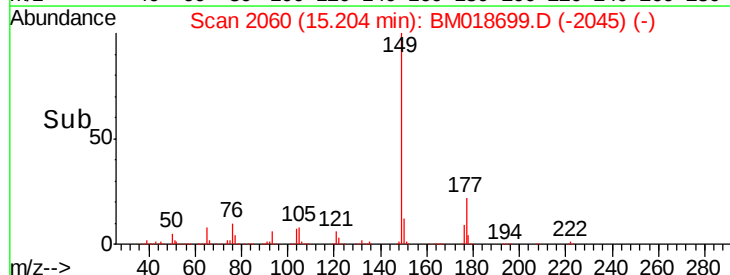
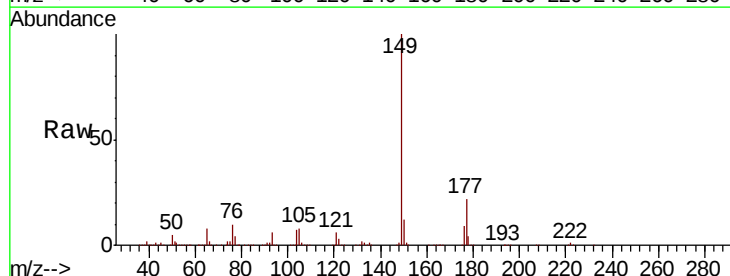
Manual Integrations
APPROVED

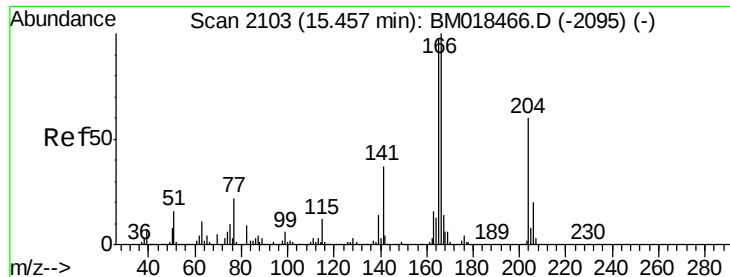
mohammad
2/1/2019 12:05:11 AM



#60
Diethylphthalate
Concen: 39.629 ng
RT: 15.20 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion:	149	Resp:	1631627
Ion Ratio	Lower	Upper	
149	100		
177	21.8	17.1	25.7
150	12.2	9.8	14.6





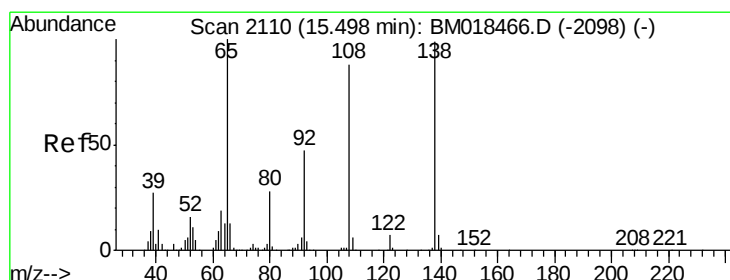
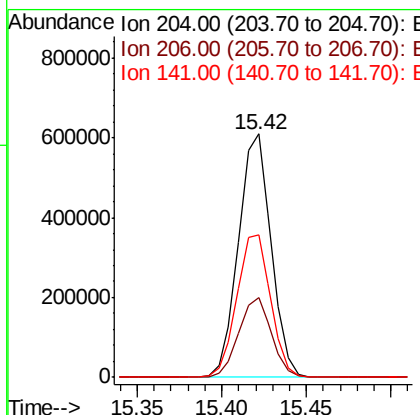
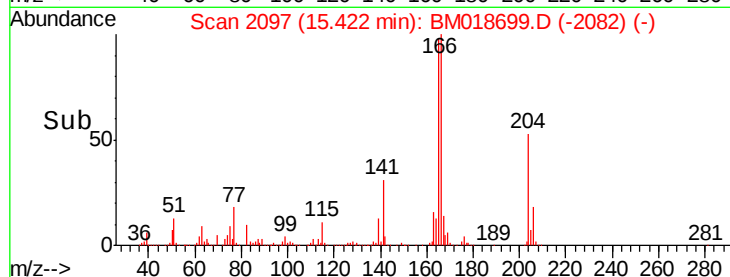
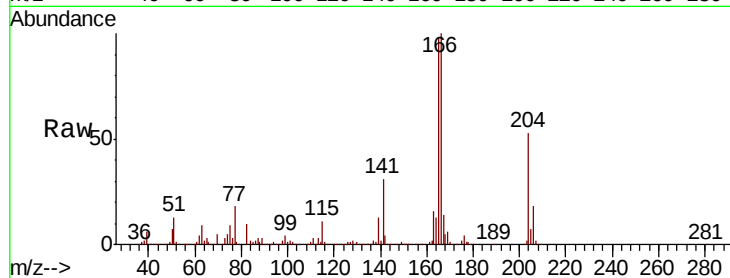
#61
4-Chlorophenyl-phenylether
Concen: 38.586 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.6
141	58.7	49.5	74.3

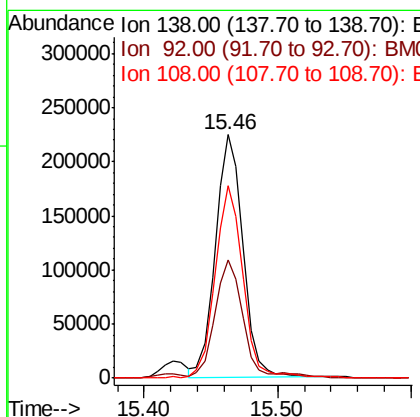
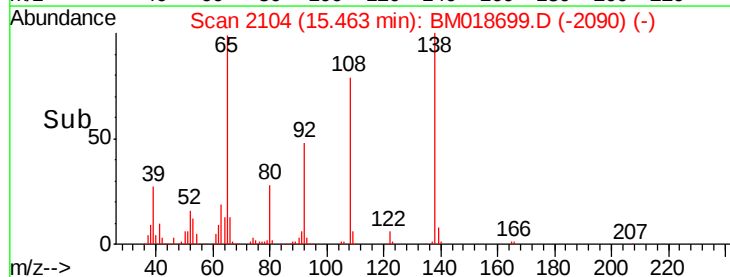
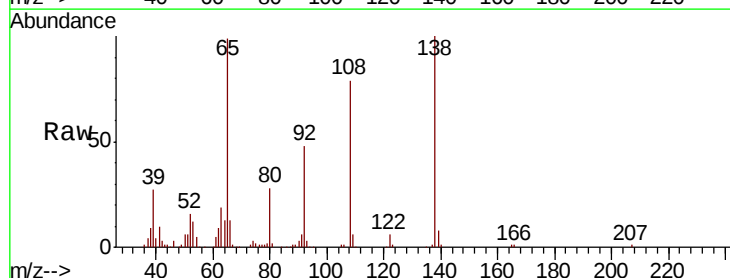
Manual Integrations
APPROVED

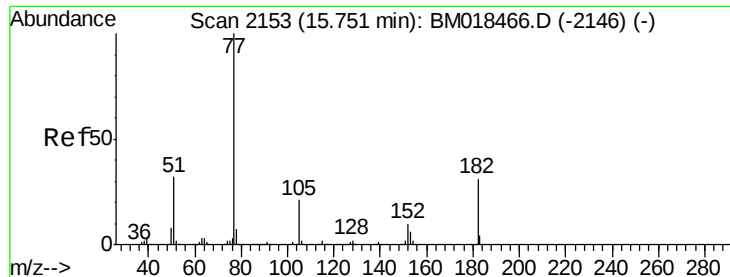
mohammad
2/1/2019 12:05:11 AM



#62
4-Nitroaniline
Concen: 34.361 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	29.0	69.0
108	79.0	63.9	103.9





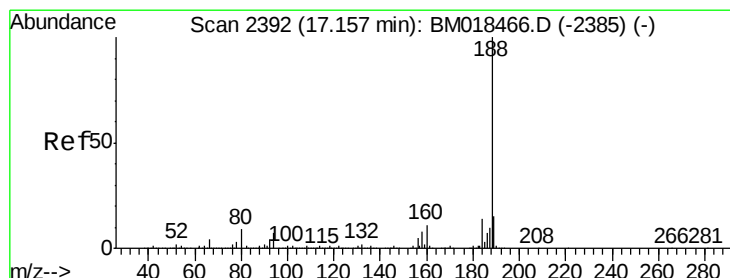
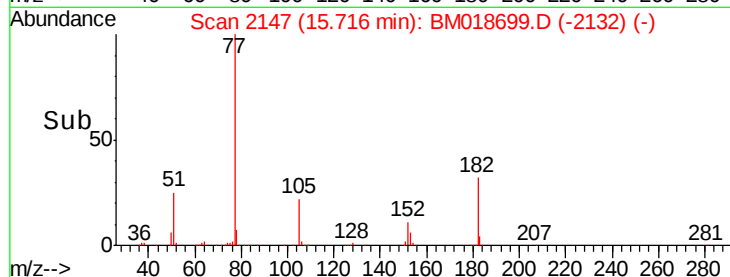
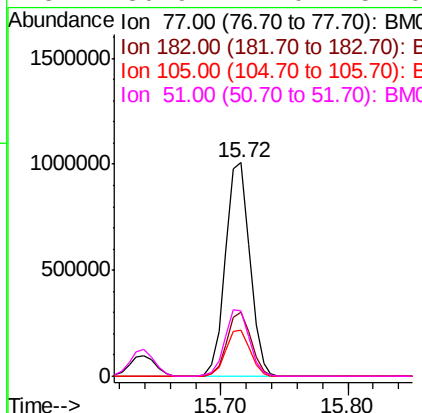
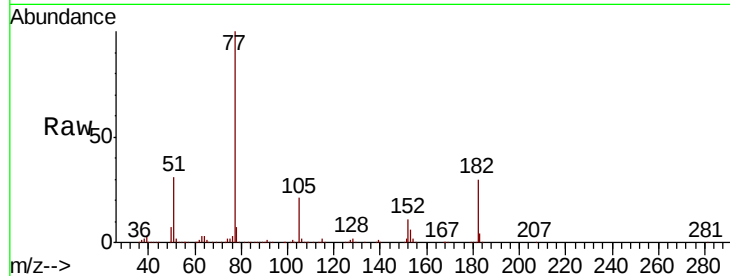
#63
Azobenzene
Concen: 39.749 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.0	7.4	47.4
105	21.3	0.0	39.6
51	30.9	12.0	52.0

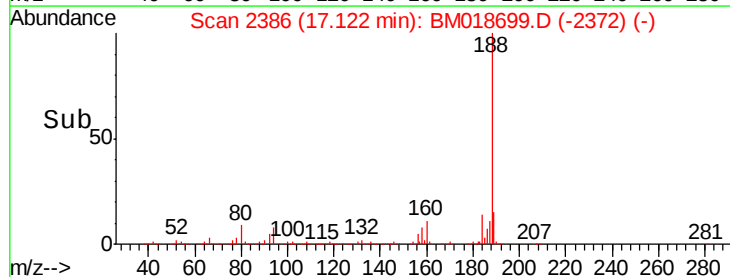
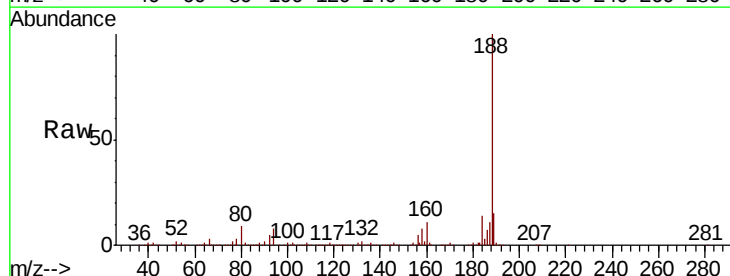
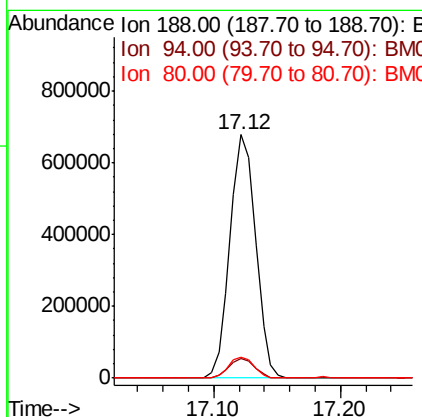
Manual Integrations
APPROVED

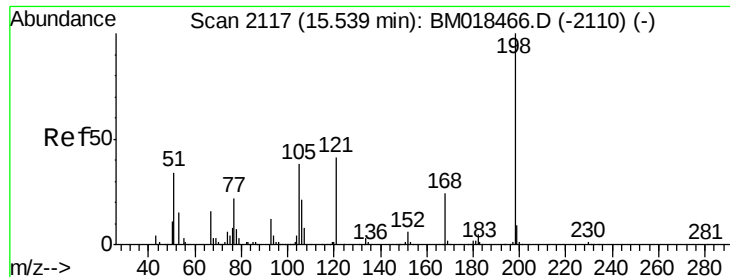
mohammad
2/1/2019 12:05:11 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.1	10.7
80	8.6	7.6	11.4





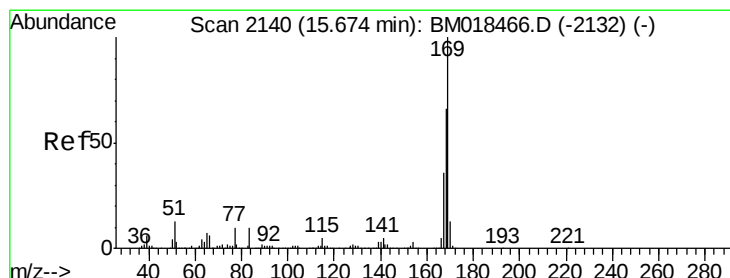
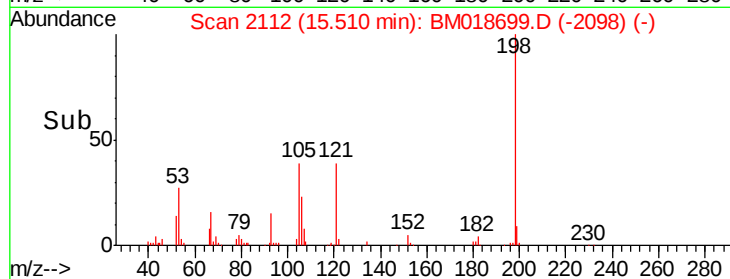
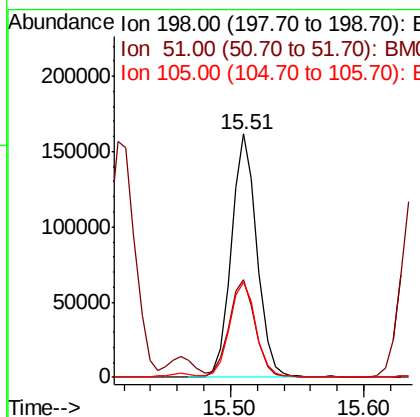
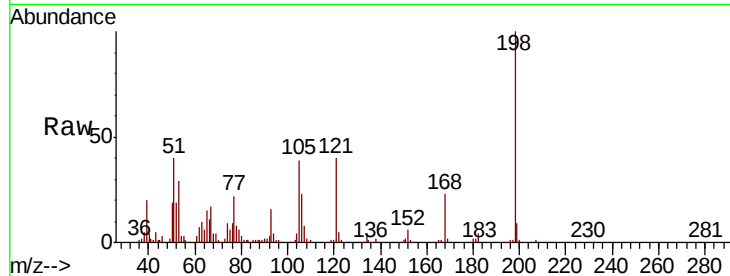
#65
4,6-Dinitro-2-methylphenol
Concen: 37.058 ng
RT: 15.51 min Scan# 2112
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	216433		
51	40.2	29.6	69.6	
105	39.3	25.5	65.5	

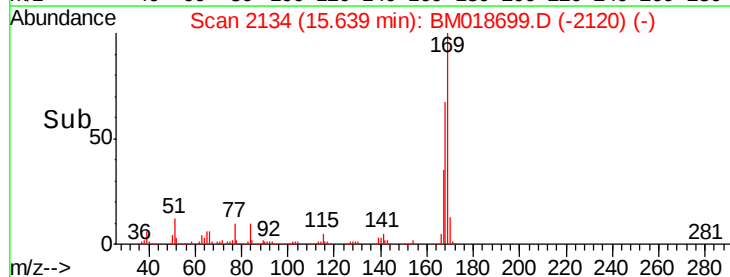
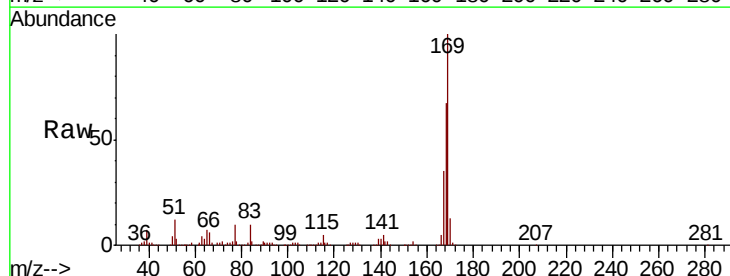
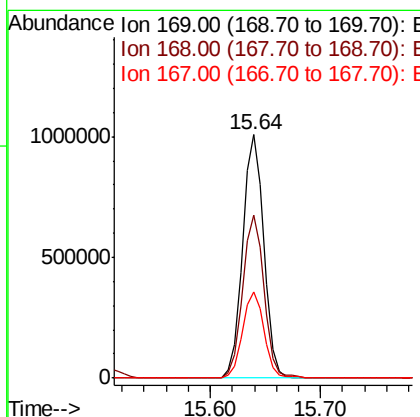
Manual Integrations
APPROVED

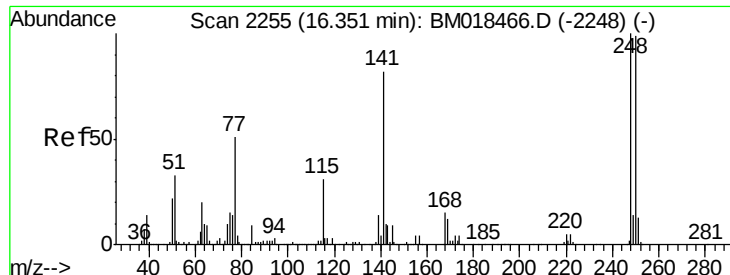
mohammad
2/1/2019 12:05:11 AM



#66
n-Nitrosodiphenylamine
Concen: 45.812 ng
RT: 15.64 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1352663		
168	66.9	54.1	81.1	
167	35.4	28.6	42.8	





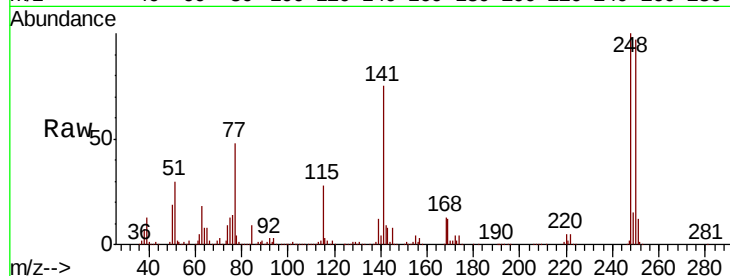
#67
4-Bromophenyl-phenylether
Concen: 44.496 ng
RT: 16.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.0	114.0
141	75.0	61.5	92.3

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM

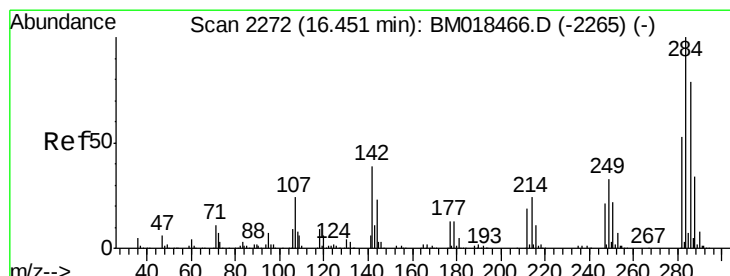
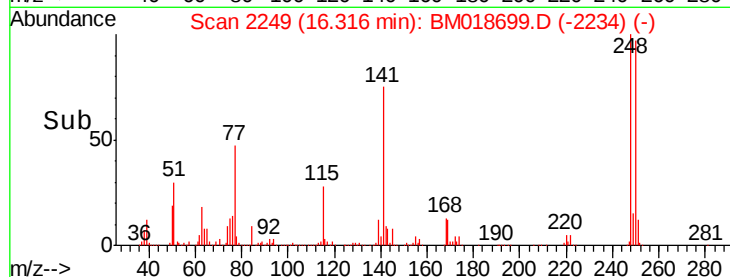
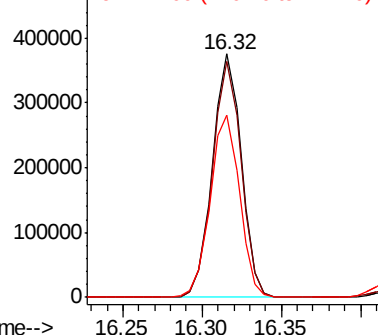


Abundance

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: 42.975 ng
RT: 16.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

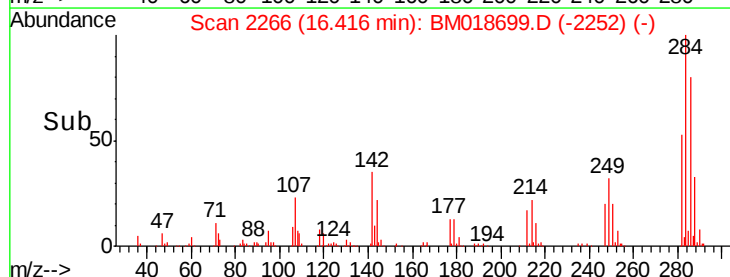
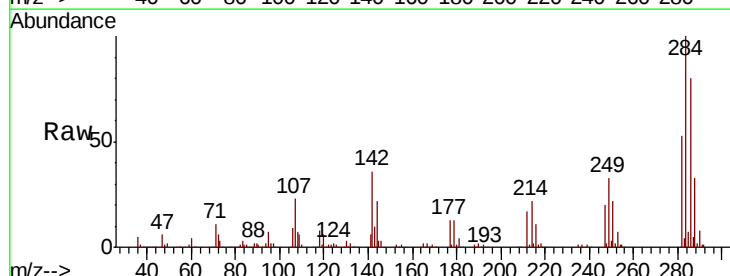
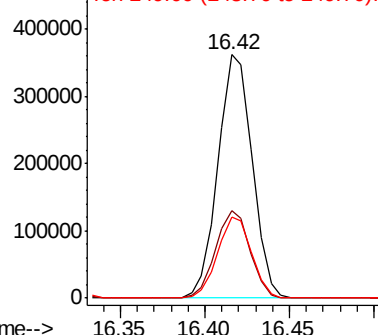
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	29.2	43.8
249	33.4	26.1	39.1

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





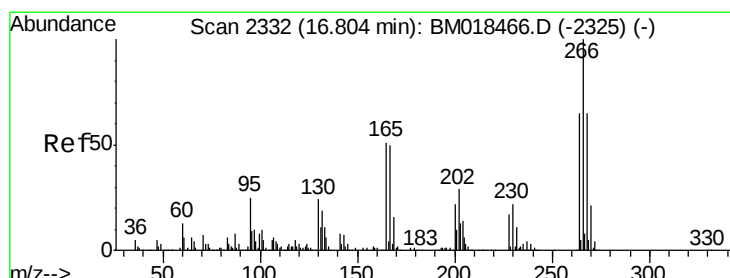
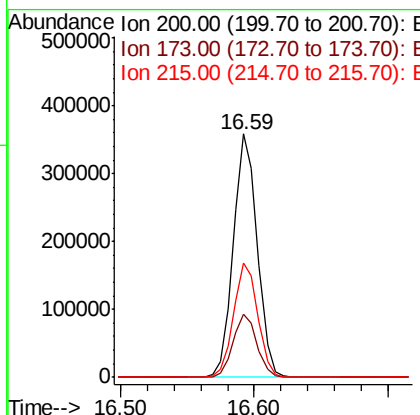
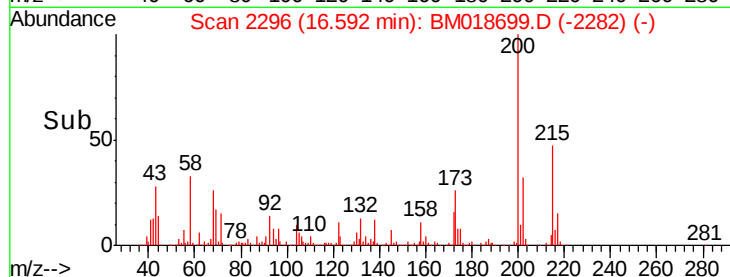
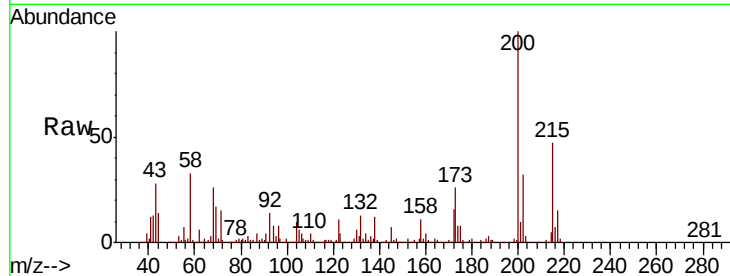
#69
Atrazine
Concen: 42.033 ng
RT: 16.59 min Scan# 2296
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.1	7.2	47.2	
215	47.0	28.3	68.3	

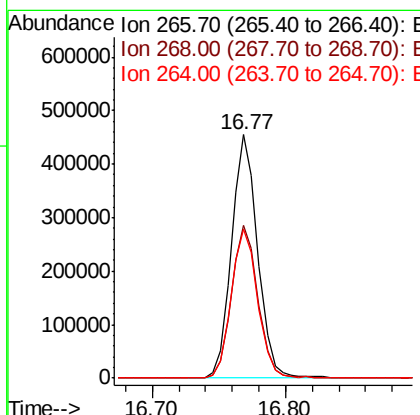
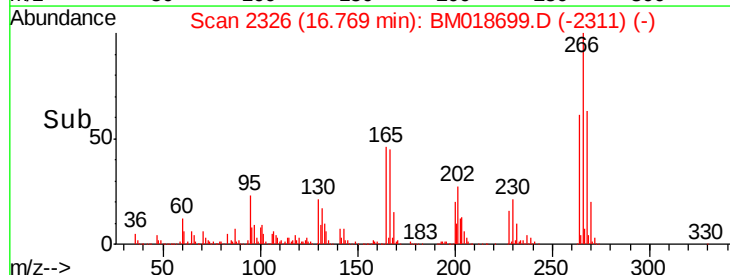
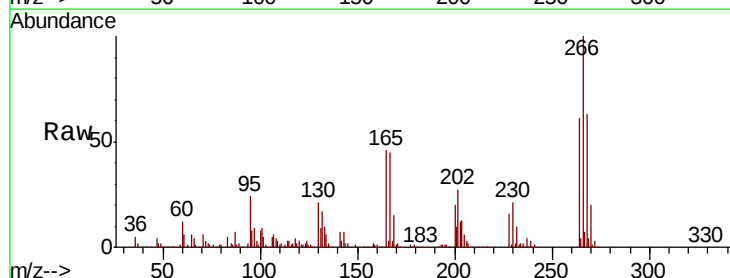
Manual Integrations
APPROVED

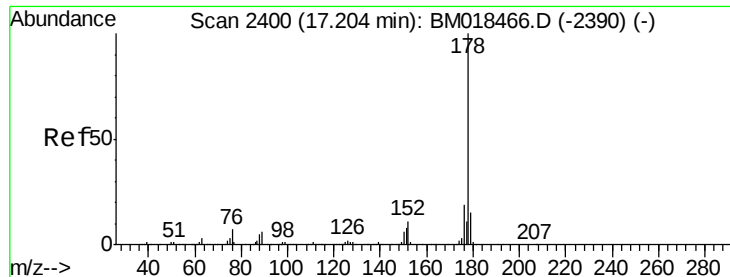
mohammad
2/1/2019 12:05:11 AM



#70
Pentachlorophenol
Concen: 79.591 ng
RT: 16.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.7	49.8	74.6	
264	61.0	50.1	75.1	





#71

Phenanthrene

Concen: 45.543 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMSD

Tot Ion:178 Resp: 2305798

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

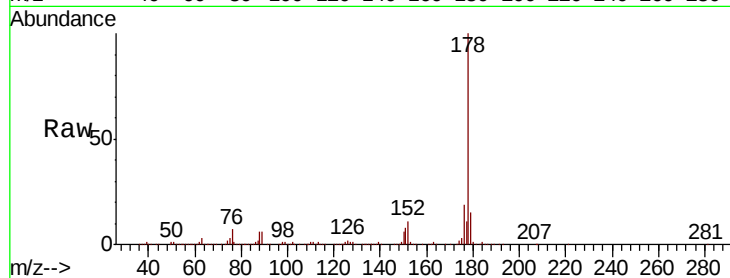
179 15.0 12.2 18.4

Manual Integrations

APPROVED

mohammad

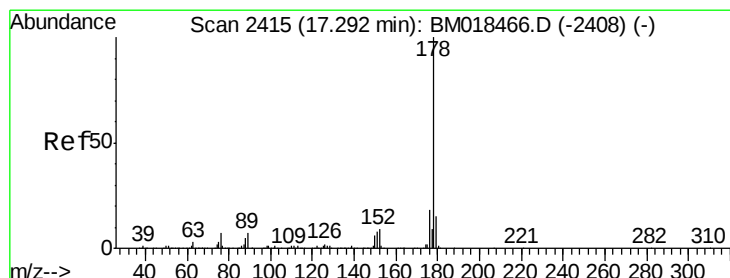
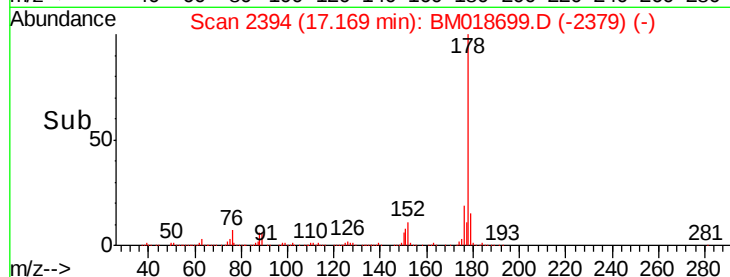
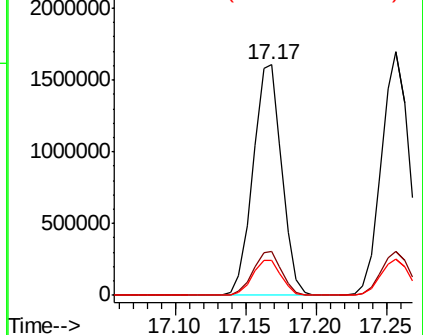
2/1/2019 12:05:11 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.793 ng

RT: 17.26 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

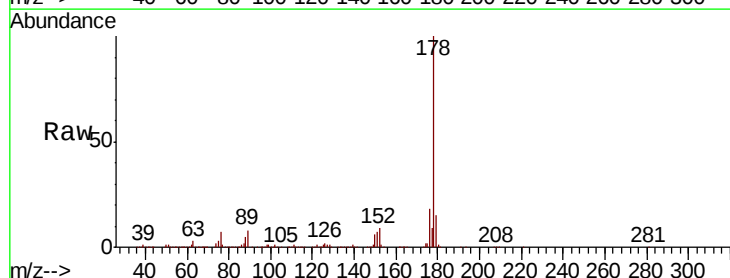
Tgt Ion:178 Resp: 2326809

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

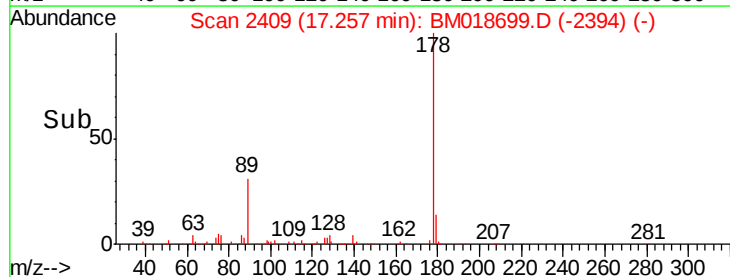
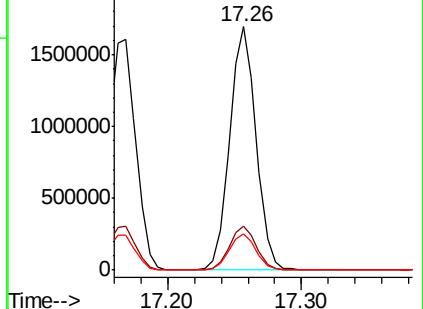
179 15.0 12.2 18.4

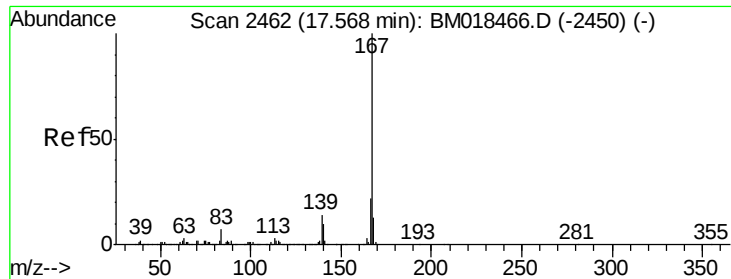


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





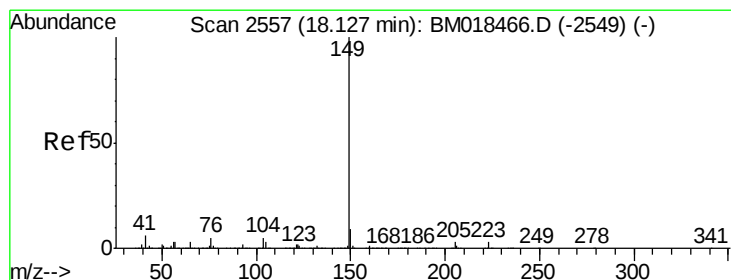
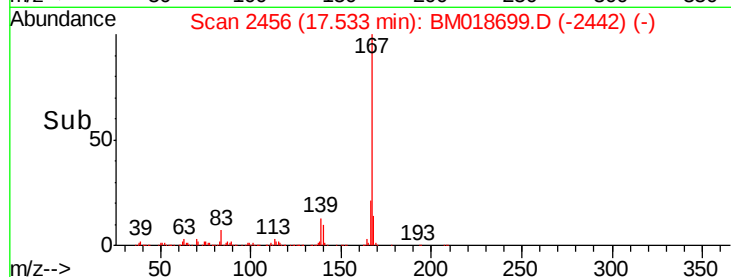
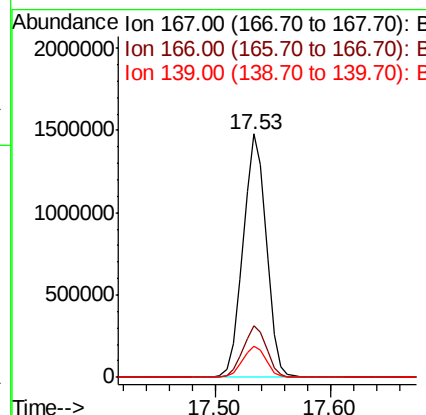
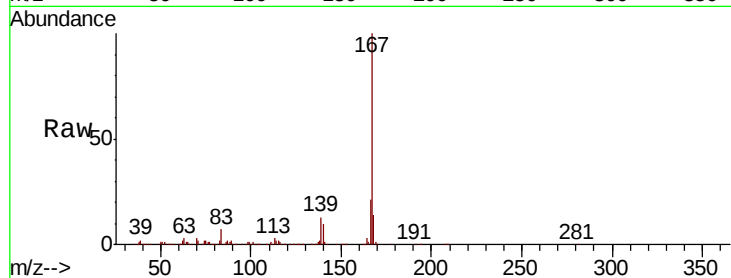
#73
 Carbazole
 Concen: 41.327 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM018699.D
 Acq: 30 Jan 2019 17:49

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.2
139	12.8	10.6	16.0

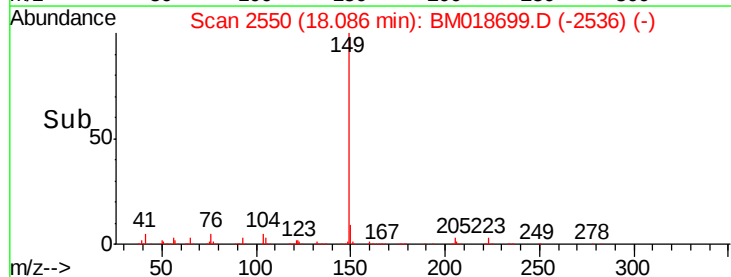
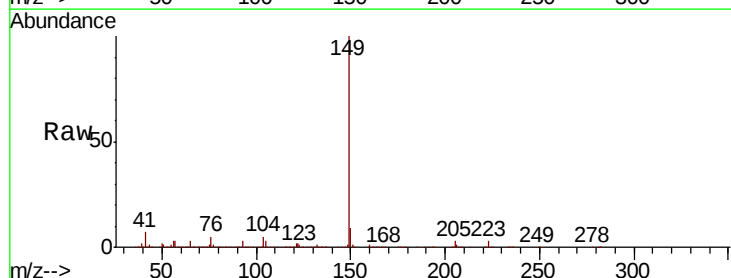
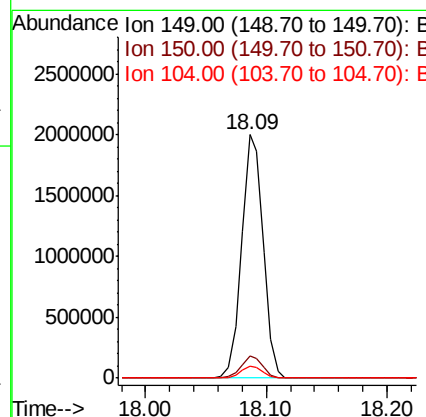
Manual Integrations
 APPROVED

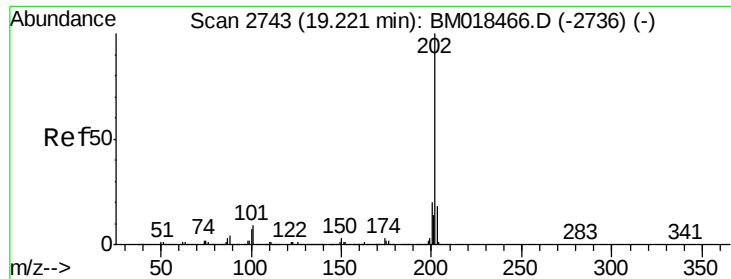
mohammad
 2/1/2019 12:05:11 AM



#74
 Di-n-butylphthalate
 Concen: 45.197 ng
 RT: 18.09 min Scan# 2550
 Delta R.T. -0.02 min
 Lab File: BM018699.D
 Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.8	4.2	6.4





#75

Fluoranthene

Concen: 42.856 ng

RT: 19.19 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

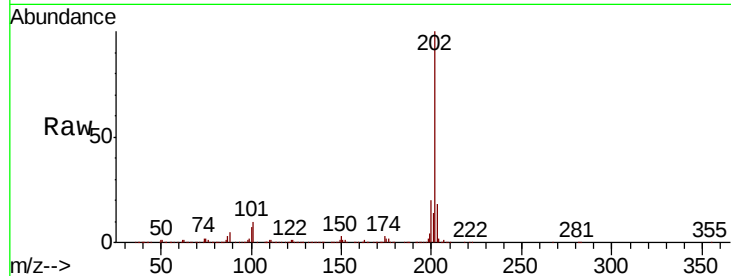
ClientSampled :

TP-8-ABMSD

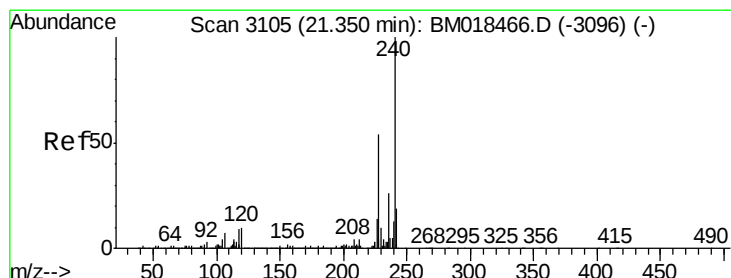
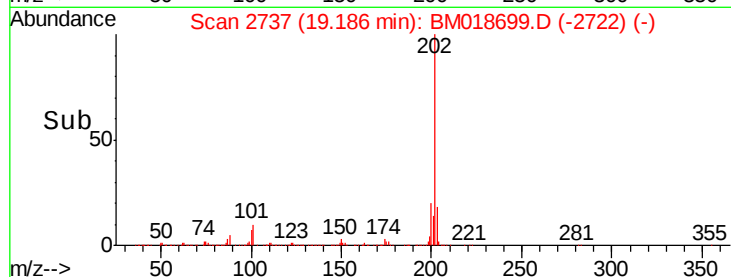
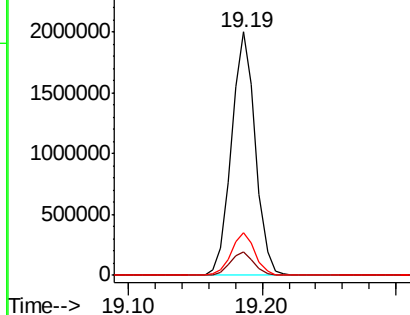
Tot Ion:	202	Resp:	2501555
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.9
203	17.6	0.0	37.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 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

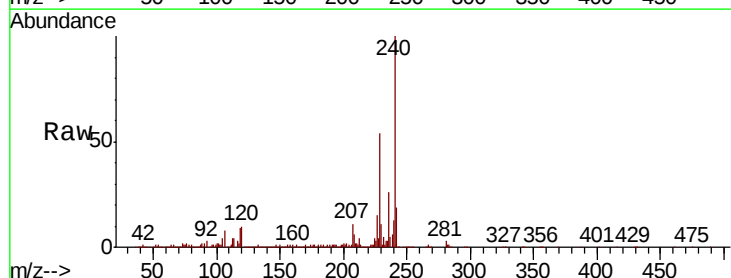
RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

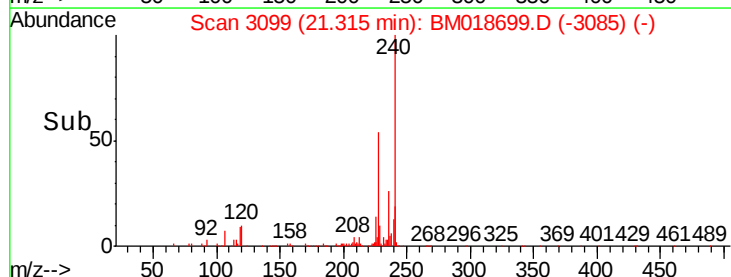
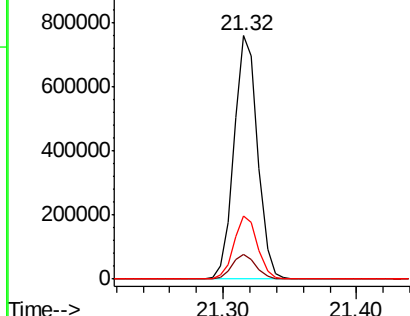
Lab File: BM018699.D

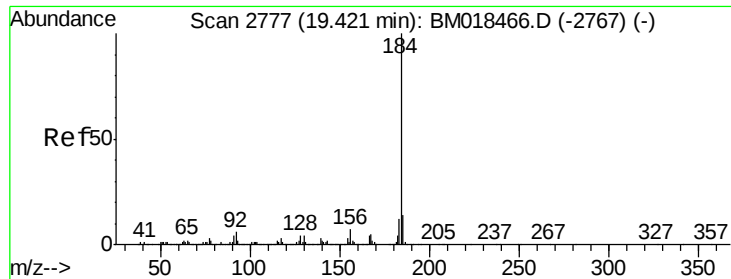
Acq: 30 Jan 2019 17:49

Tgt Ion:	240	Resp:	940287
Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.4	12.6
236	26.2	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: 46.669 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMSD

Tot Ion:184 Resp: 1083521

Ion Ratio Lower Upper

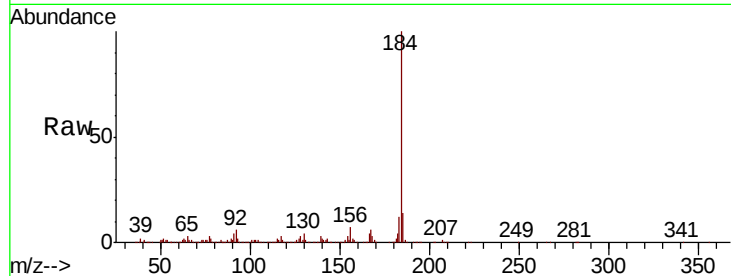
184 100

185 14.4 11.4 17.0

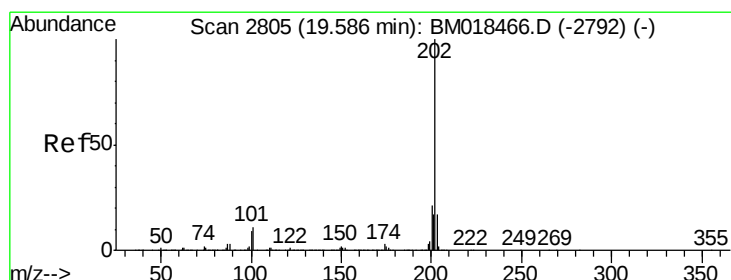
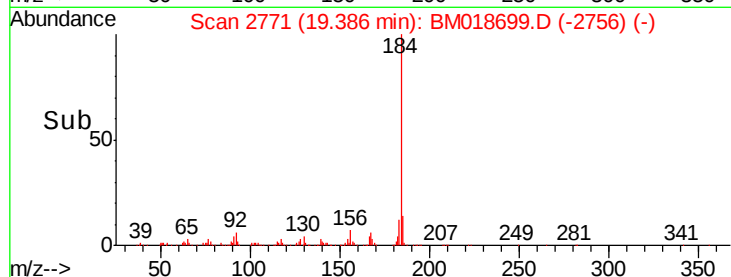
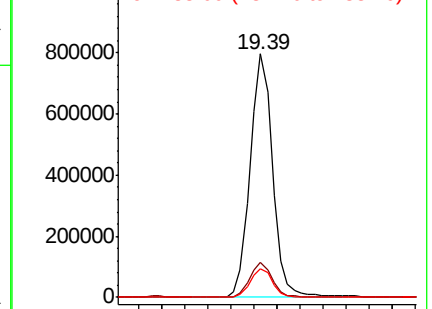
183 11.9 9.5 14.3

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 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: 45.845 ng

RT: 19.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

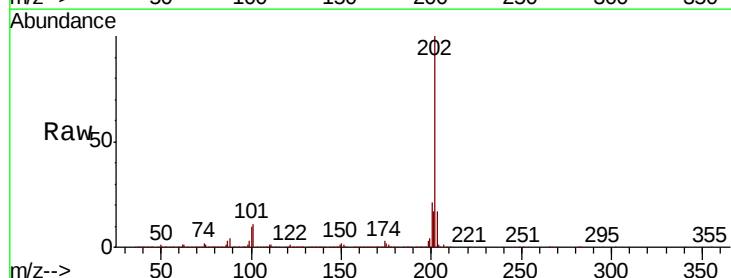
Tgt Ion:202 Resp: 2555168

Ion Ratio Lower Upper

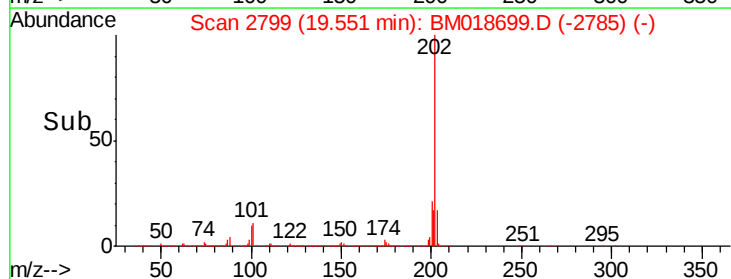
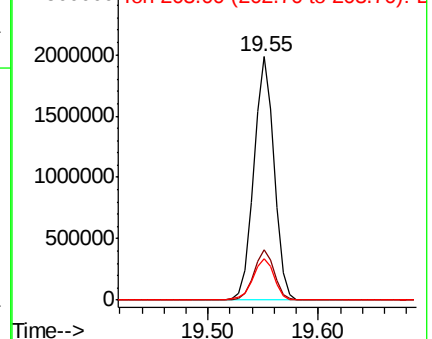
202 100

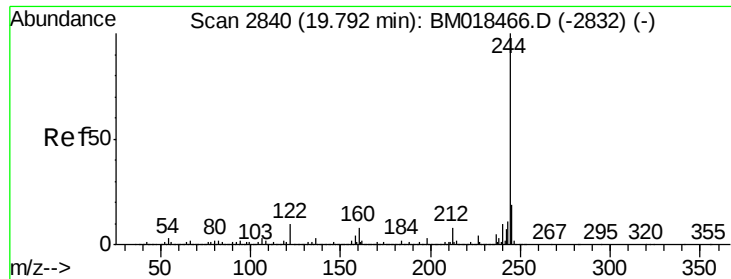
200 20.6 16.6 24.8

203 17.2 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: 76.907 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMSD

Tot Ion:244 Resp: 3430444

Ion Ratio Lower Upper

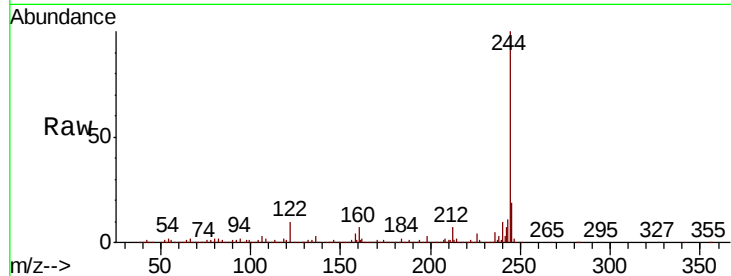
244 100

212 7.4 5.9 8.9

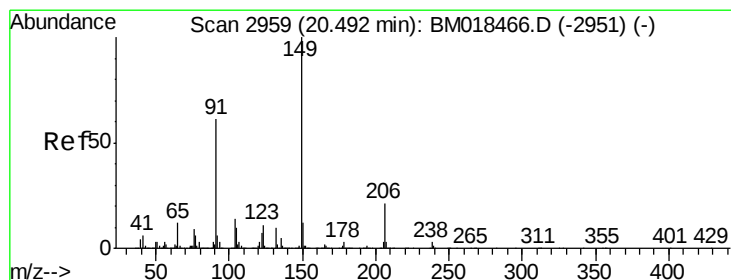
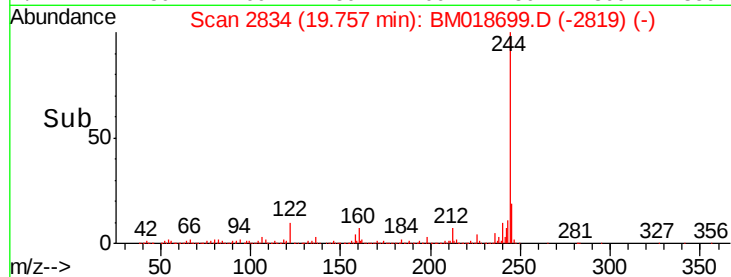
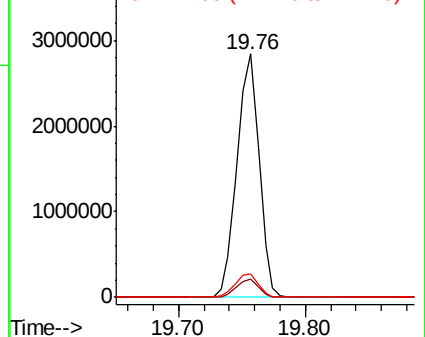
122 9.5 9.0 13.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 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: 75.711 ng

RT: 20.46 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

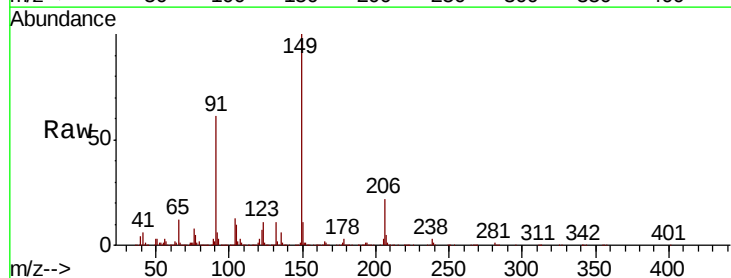
Tgt Ion:149 Resp: 1800617

Ion Ratio Lower Upper

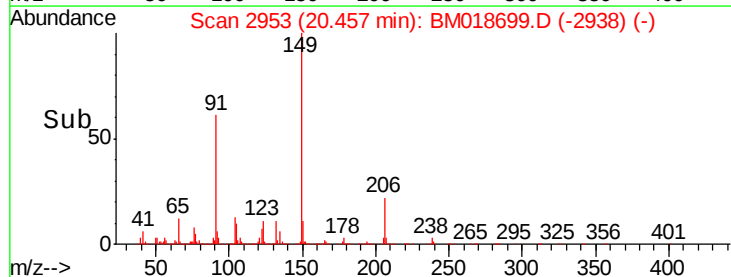
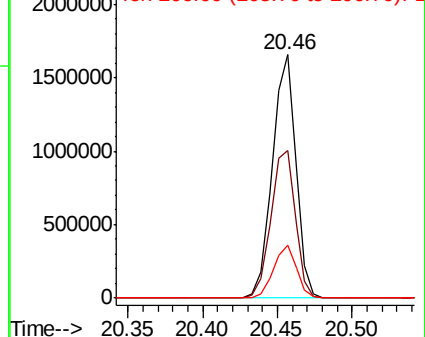
149 100

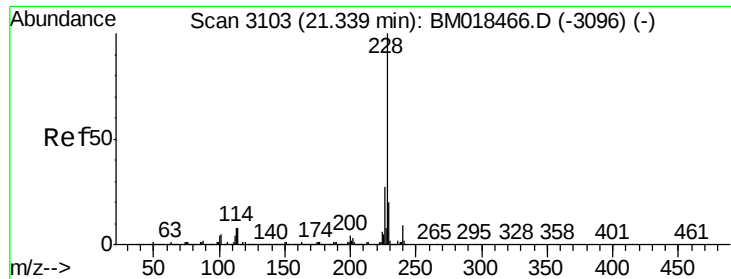
91 60.5 53.1 79.7

206 21.6 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM018699.D (-2938) (-)
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.419 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

ClientSampleId :

TP-8-ABMSD

Tot Ion:228 Resp: 2571349

Ion Ratio Lower Upper

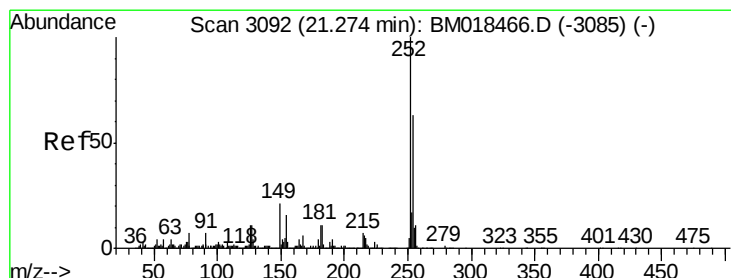
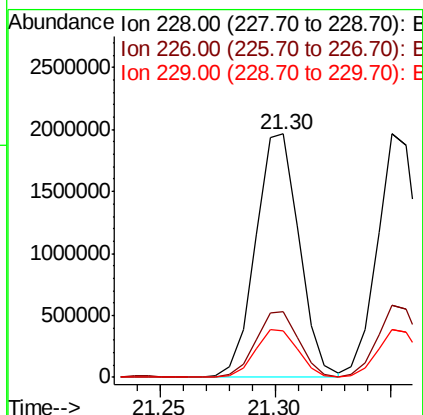
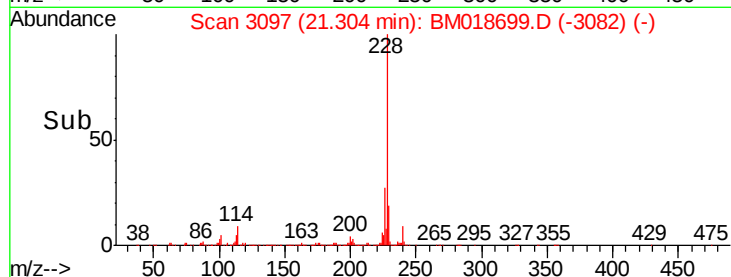
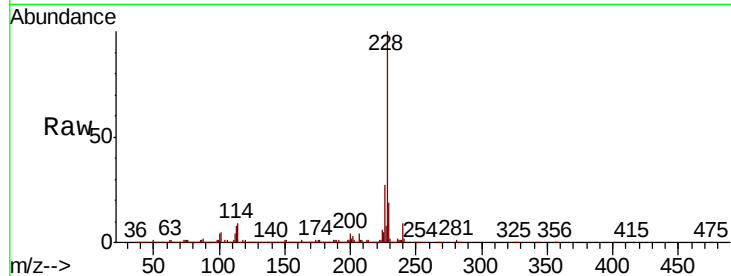
228 100

226 26.7 21.8 32.6

229 19.3 15.8 23.8

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM



#82

3,3'-Dichlorobenzidine

Concen: 42.849 ng

RT: 21.24 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

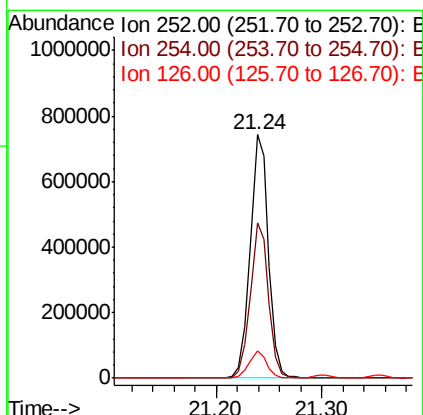
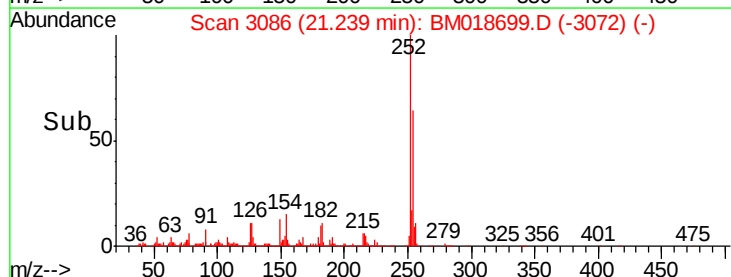
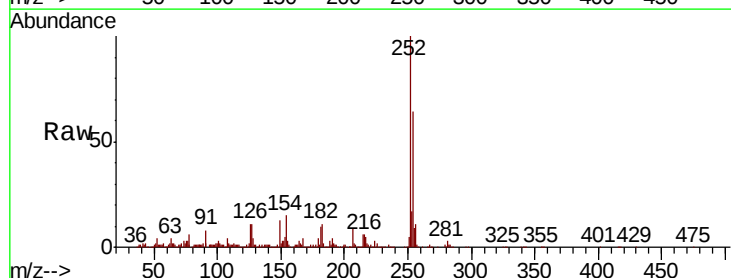
Tgt Ion:252 Resp: 897544

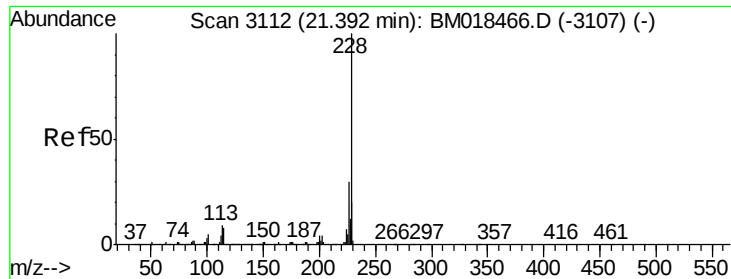
Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.0

126 11.0 8.7 13.1





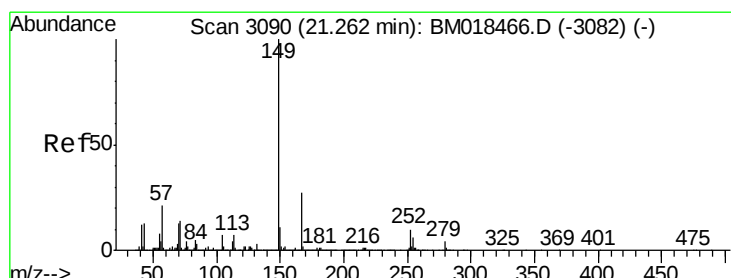
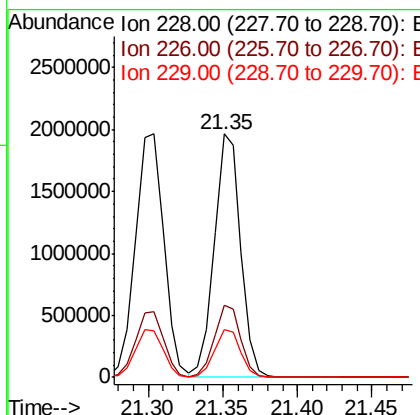
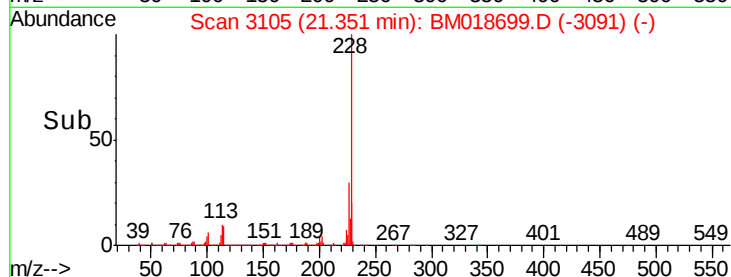
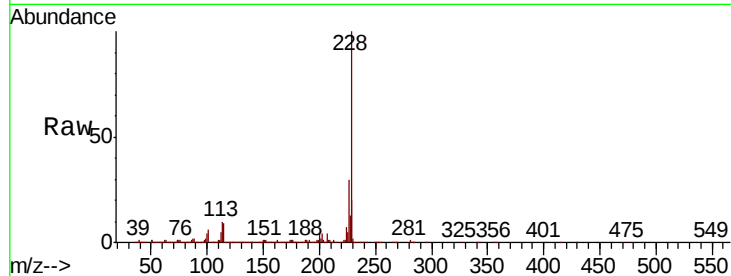
#83
Chrysene
Concen: 45.327 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion:228 Resp: 2424603
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 19.9 15.6 23.4

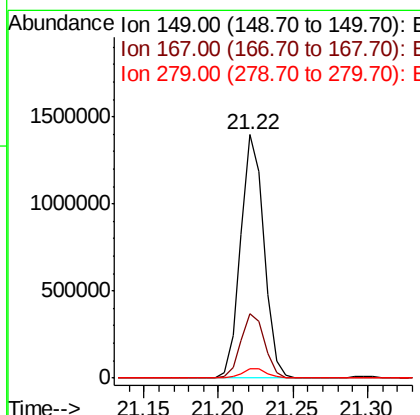
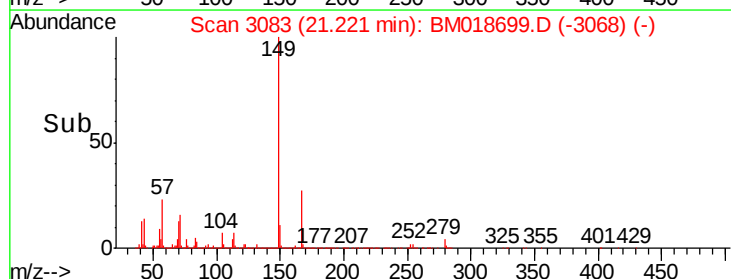
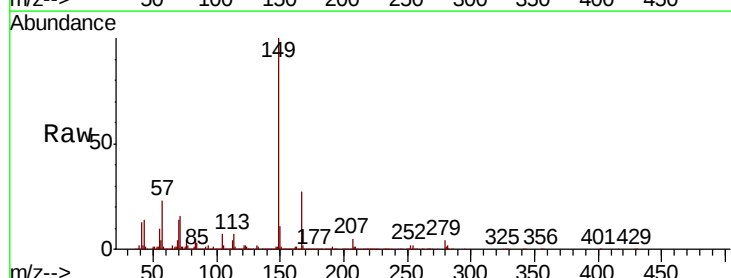
Manual Integrations
APPROVED

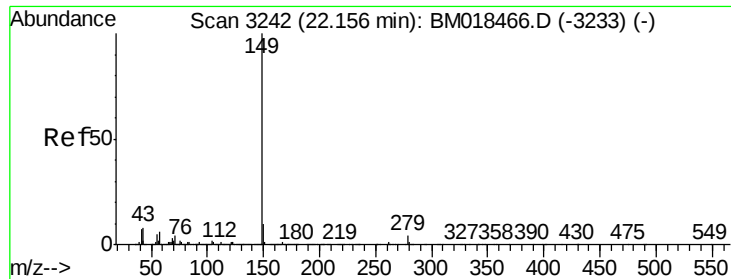
mohammad
2/1/2019 12:05:11 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.893 ng
RT: 21.22 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion:149 Resp: 1507411
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: 45.840 ng

RT: 22.11 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Instrument :

BNA_M

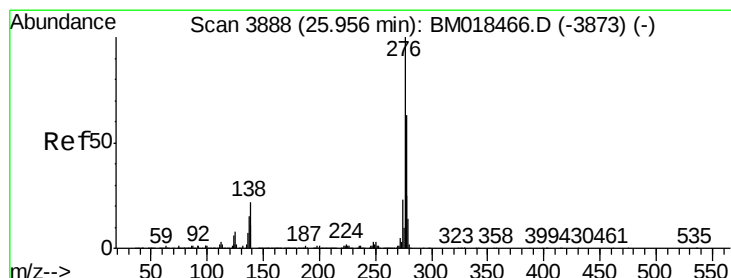
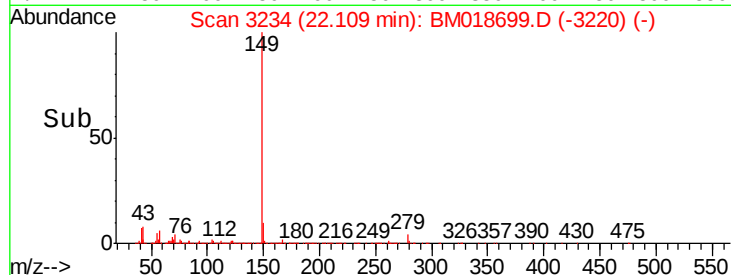
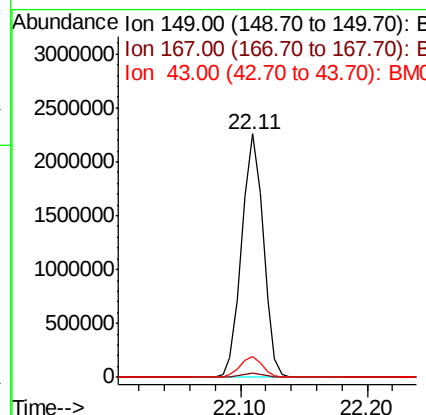
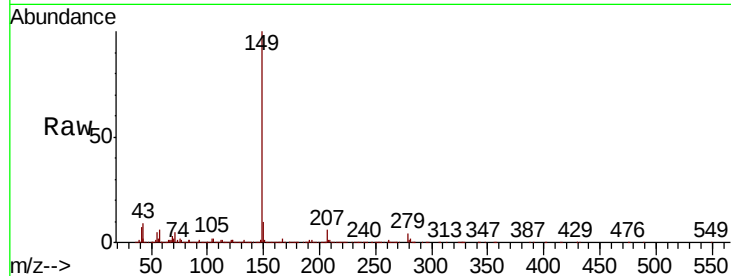
ClientSampleId :

TP-8-ABMSD

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 12:05:11 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.640 ng

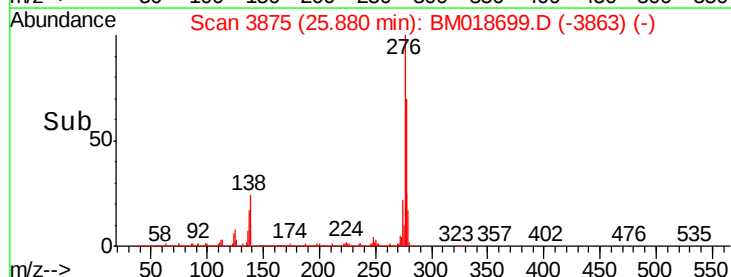
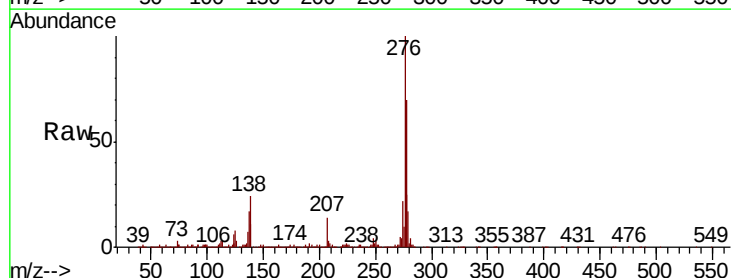
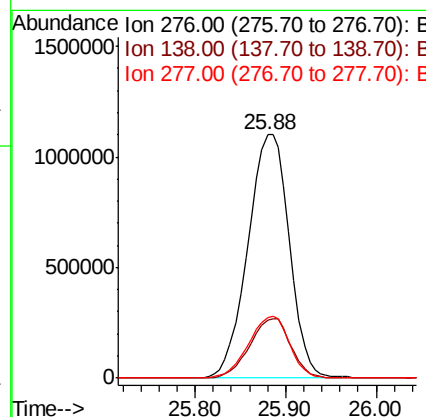
RT: 25.88 min Scan# 3875

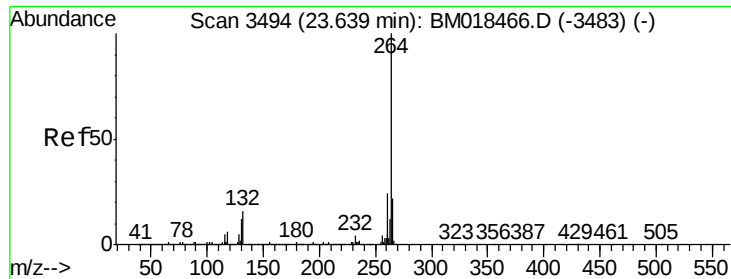
Delta R.T. -0.03 min

Lab File: BM018699.D

Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.5	32.3
277	25.1	20.2	30.2





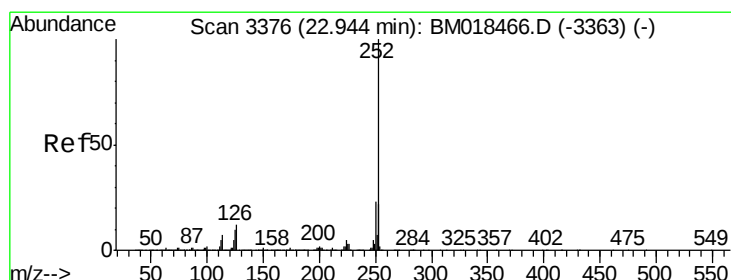
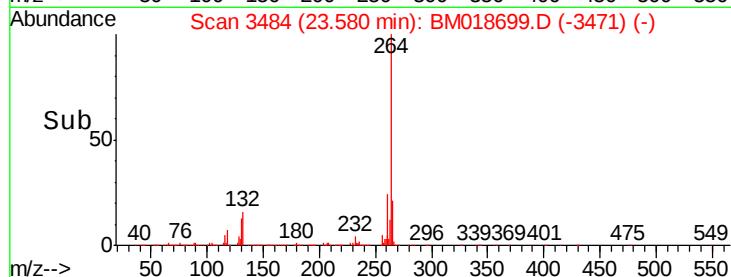
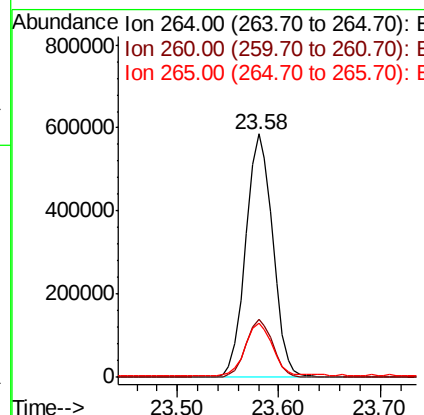
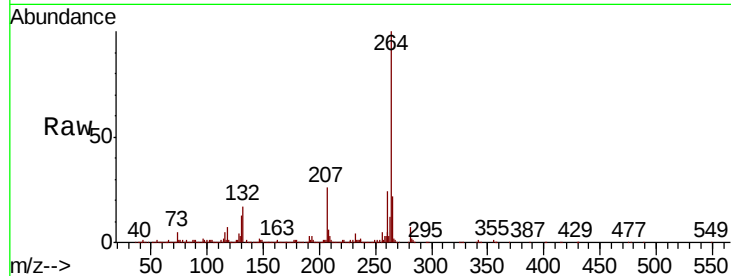
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.58 min Scan# 3484
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.3	16.8	25.2

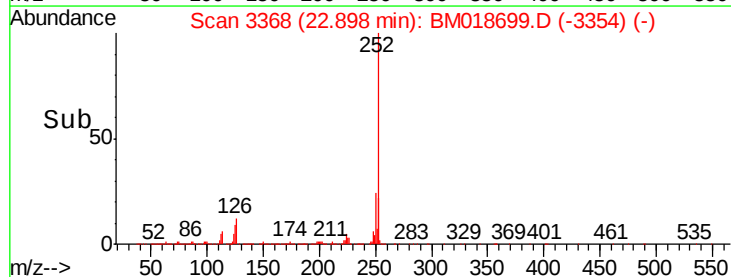
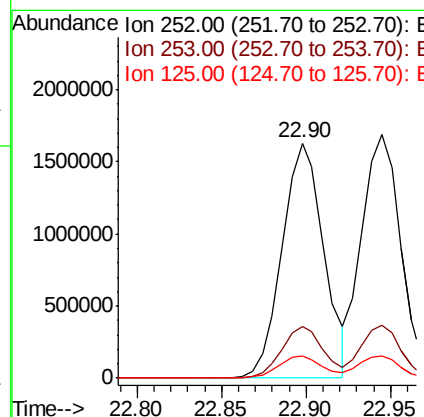
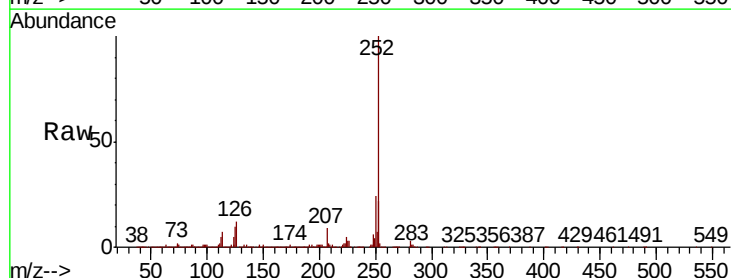
Manual Integrations
APPROVED

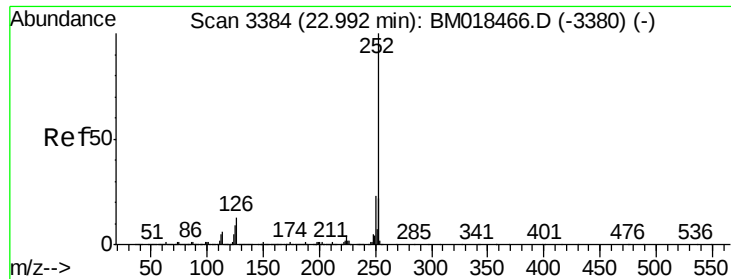
mohammad
2/1/2019 12:05:11 AM



#88
Benzo(b)fluoranthene
Concen: 45.298 ng
RT: 22.90 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.5	8.5	12.7





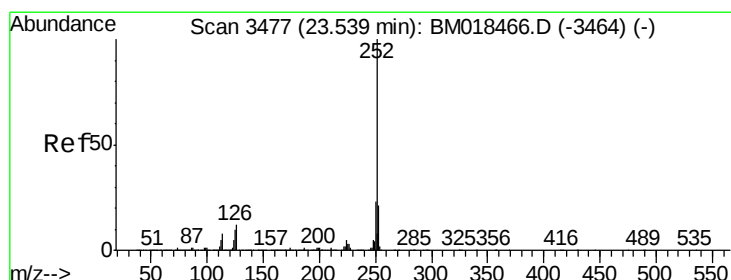
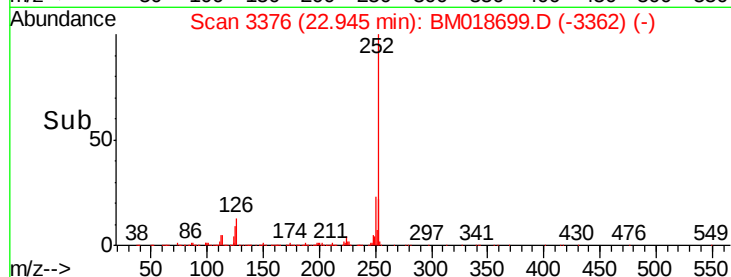
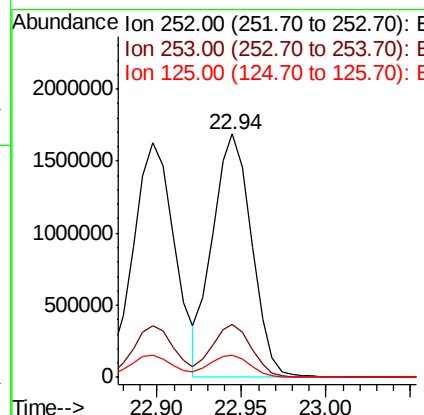
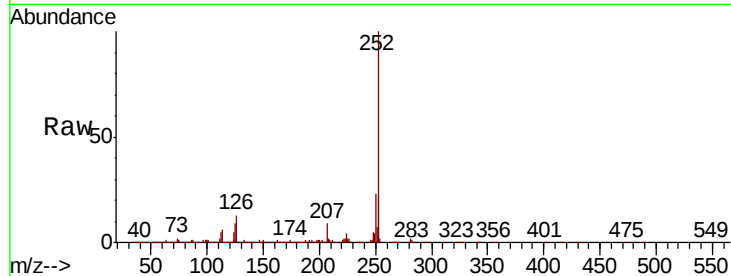
#89
Benzo(k)fluoranthene
Concen: 43.549 ng
RT: 22.94 min Scan# 3376
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.2	8.6	12.8

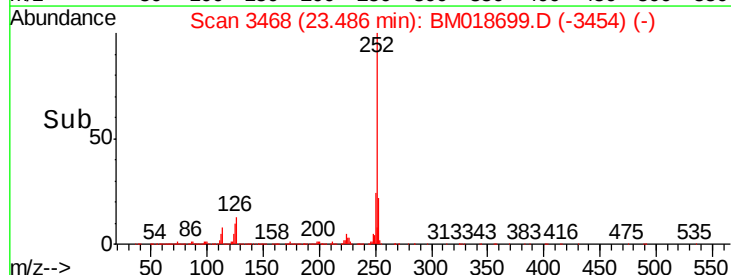
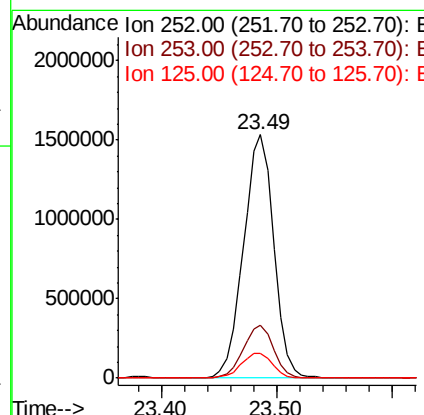
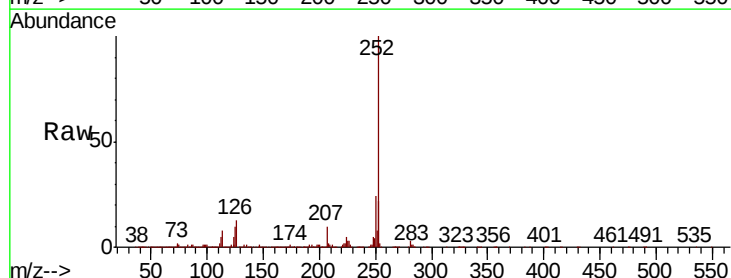
Manual Integrations
APPROVED

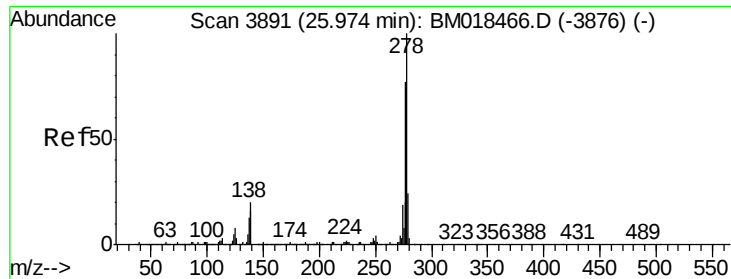
mohammad
2/1/2019 12:05:11 AM



#90
Benzo(a)pyrene
Concen: 47.030 ng
RT: 23.49 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.3	9.7	14.5





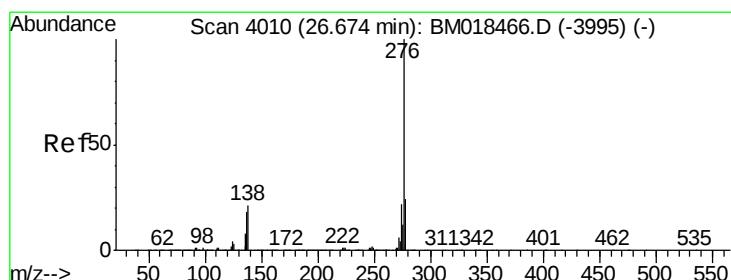
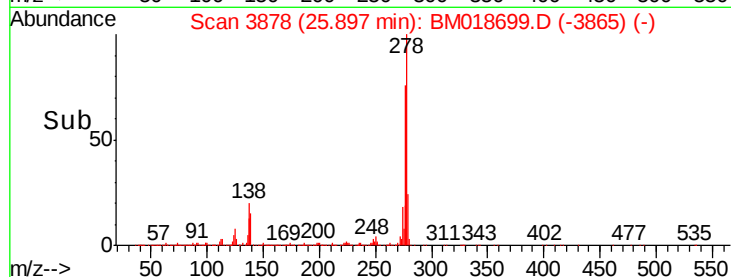
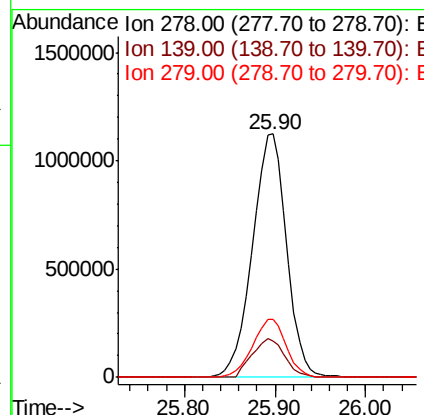
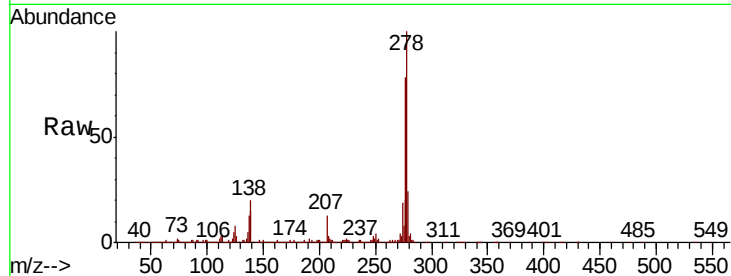
#91
Dibenzo(a,h)anthracene
Concen: 49.059 ng
RT: 25.90 min Scan# 3878
Delta R.T. -0.02 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.2	19.8
279	23.7	19.0	28.4

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:11 AM



#92
Benzo(g,h,i)perylene
Concen: 50.132 ng
RT: 26.59 min Scan# 3995
Delta R.T. -0.03 min
Lab File: BM018699.D
Acq: 30 Jan 2019 17:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	21.1	18.1	27.1

