

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
 Data File : BM017854.D
 Acq On : 01 Dec 2018 13:31
 Operator : JU/SJ
 Sample : PB115195BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

Manual Integrations
 APPROVED

mohammad
 12/3/2018 4:58:30 PM

Quant Time: Dec 03 00:29:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	218413	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	959203	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	529402	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	1085164	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	920569	20.00	ng	-0.02
87) Perylene-d12	23.37	264	729575	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2003593	154.81	ng	-0.02
7) Phenol-d6	6.78	99	2634628	145.76	ng	-0.02
23) Nitrobenzene-d5	8.74	82	1234427	66.44	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	1004526	132.06	ng	-0.03
45) 2-Fluorobiphenyl	12.85	172	2798505	68.58	ng	-0.03
79) Terphenyl-d14	19.63	244	3307606	81.43	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.21	88	180771	33.538 ng	90
3) Pyridine	3.59	79	522274	33.034 ng	87
4) n-Nitrosodimethylamine	3.51	42	266540	38.271 ng	86
6) Aniline	6.93	93	810505	36.159 ng	97
8) 2-Chlorophenol	7.16	128	769952	49.711 ng	95
9) Benzaldehyde	6.75	77	192384	14.611 ng	98
10) Phenol	6.80	94	924774	48.743 ng	98
11) bis(2-Chloroethyl)ether	7.03	93	658851	43.990 ng	95
12) 1,3-Dichlorobenzene	7.47	146	727255	41.851 ng	100
13) 1,4-Dichlorobenzene	7.62	146	747556	41.970 ng	98
14) 1,2-Dichlorobenzene	7.93	146	731134	42.333 ng	99
15) Benzyl Alcohol	7.83	79	648409	45.045 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	782494	34.315 ng	90
17) 2-Methylphenol	8.03	107	617606	48.323 ng	98
18) Hexachloroethane	8.64	117	277378	44.185 ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	570439	43.953 ng	93
20) 3+4-Methylphenols	8.36	107	834657	47.003 ng	97
22) Acetophenone	8.41	105	1077858	45.023 ng	# 96
24) Nitrobenzene	8.78	77	821922	43.600 ng	100
25) Isophorone	9.30	82	1472343	51.306 ng	99
26) 2-Nitrophenol	9.48	139	403848	46.509 ng	99
27) 2,4-Dimethylphenol	9.55	122	672285	53.722 ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	911054	46.874 ng	98
29) 2,4-Dichlorophenol	10.01	162	701629	48.299 ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	746907	44.207 ng	97
31) Naphthalene	10.40	128	2234001	47.370 ng	99
32) Benzoic acid	9.73	122	487132m	42.972 ng	
33) 4-Chloroaniline	10.53	127	553543	26.801 ng	99
34) Hexachlorobutadiene	10.67	225	452297	43.121 ng	99
35) Caprolactam	11.33	113	207755m	38.835 ng	
36) 4-Chloro-3-methylphenol	11.66	107	743175	44.311 ng	99
37) 2-Methylnaphthalene	12.02	142	1653164	49.597 ng	98
38) 1-Methylnaphthalene	12.25	142	1563201	47.830 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	840974	45.048 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
 Data File : BM017854.D
 Acq On : 01 Dec 2018 13:31
 Operator : JU/SJ
 Sample : PB115195BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

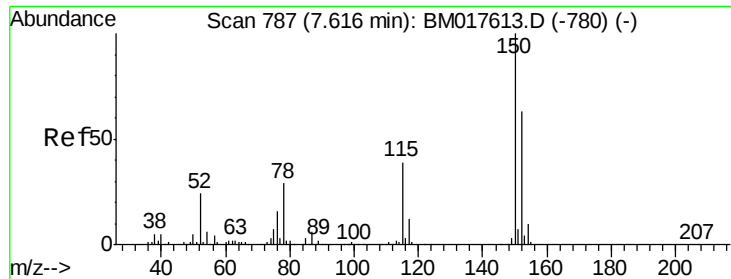
Manual Integrations
 APPROVED

mohammad
 12/3/2018 4:58:30 PM

Quant Time: Dec 03 00:29:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	966217	100.163	nq	98
43) 2,4,6-Trichlorophenol	12.65	196	557882	47.710	nq	99
44) 2,4,5-Trichlorophenol	12.72	196	589972	47.785	nq	98
46) 1,1'-Biphenyl	13.06	154	2060089	43.352	nq	99
47) 2-Chloronaphthalene	13.10	162	1595900	45.246	nq	99
48) 2-Nitroaniline	13.32	65	481919	44.181	nq	95
49) Acenaphthylene	13.95	152	2559100	48.291	nq	100
50) Dimethylphthalate	13.70	163	1934820	44.952	nq	100
51) 2,6-Dinitrotoluene	13.83	165	433921	45.273	nq	96
52) Acenaphthene	14.30	154	1480781	45.531	nq	99
53) 3-Nitroaniline	14.16	138	335389	32.141	nq	98
54) 2,4-Dinitrophenol	14.37	184	542797	91.626	nq	97
55) Dibenzofuran	14.63	168	2367977	44.554	nq	99
56) 4-Nitrophenol	14.48	139	721352	82.102	nq	98
57) 2,4-Dinitrotoluene	14.62	165	590469	45.703	nq	98
58) Fluorene	15.29	166	1896282	46.606	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	527520	46.453	nq	99
60) Diethylphthalate	15.07	149	1956001	42.059	nq	99
61) 4-Chlorophenyl-phenylether	15.29	204	973122	42.096	nq	98
62) 4-Nitroaniline	15.33	138	394032	40.066	nq	98
63) Azobenzene	15.58	77	1892449	44.019	nq	96
65) 4,6-Dinitro-2-methylphenol	15.39	198	345861	46.008	nq	95
66) n-Nitrosodiphenylamine	15.51	169	1643291	47.100	nq	100
67) 4-Bromophenyl-phenylether	16.19	248	586894	45.729	nq	98
68) Hexachlorobenzene	16.29	284	638117	44.105	nq	95
69) Atrazine	16.47	200	563953	43.948	nq	98
70) Pentachlorophenol	16.64	266	799389	78.854	nq	99
71) Phenanthrene	17.03	178	2776152	47.146	nq	99
72) Anthracene	17.12	178	2810760	49.054	nq	100
73) Carbazole	17.40	167	2474942	42.745	nq	99
74) Di-n-butylphthalate	17.97	149	3189224	49.481	nq	99
75) Fluoranthene	19.06	202	2893737	43.434	nq	99
77) Benzidine	19.26	184	1111649	37.083	nq	100
78) Pyrene	19.42	202	2901747	51.087	nq	100
80) Butylbenzylphthalate	20.34	149	1251835	54.263	nq	98
81) Benzo(a)anthracene	21.17	228	2562004	48.307	nq	99
82) 3,3'-Dichlorobenzidine	21.12	252	850141	41.533	nq	99
83) Chrysene	21.23	228	2359601	45.807	nq	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1738835	50.985	nq	99
85) Di-n-octyl phthalate	21.98	149	2704031	49.515	nq	97
86) Indeno(1,2,3-cd)pyrene	25.55	276	2703097	65.668	nq	100
88) Benzo(b)fluoranthene	22.72	252	2381794	55.745	nq	99
89) Benzo(k)fluoranthene	22.77	252	2321493	53.757	nq	99
90) Benzo(a)pyrene	23.28	252	2287468	58.717	nq	99
91) Dibenzo(a,h)anthracene	25.55	278	2322034	70.898	nq	99
92) Benzo(g,h,i)perylene	26.20	276	2274549	73.852	nq	100

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



#1

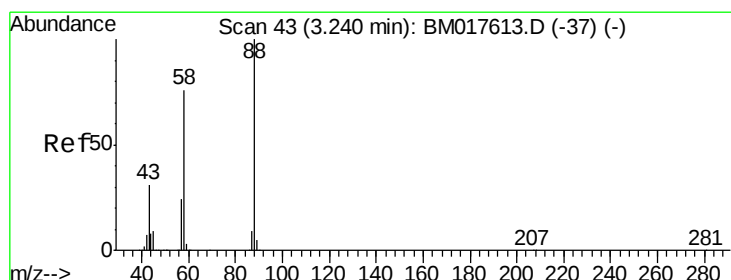
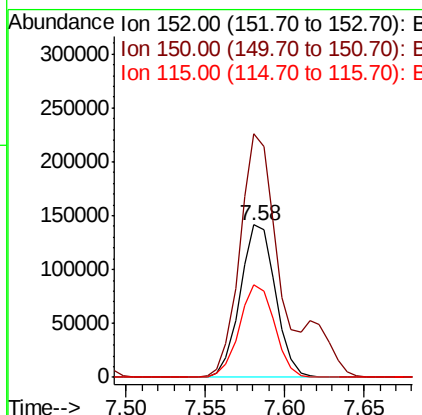
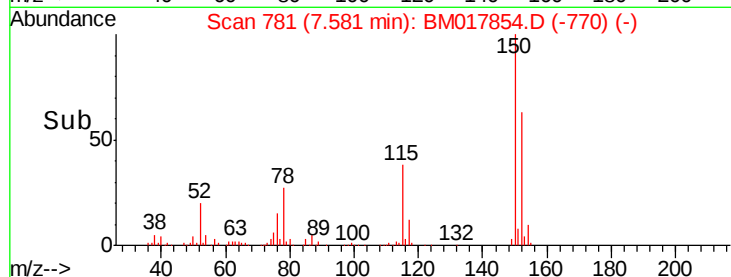
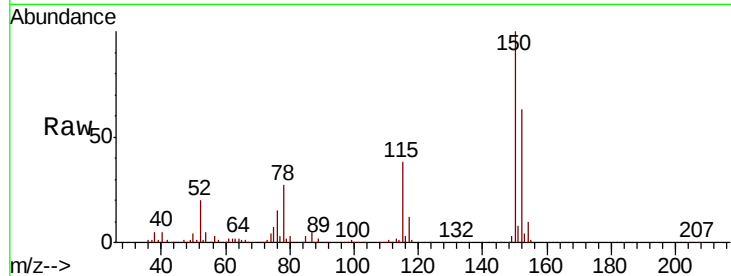
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.4	189.6
115	60.7	49.4	74.0

Manual Integrations
APPROVED

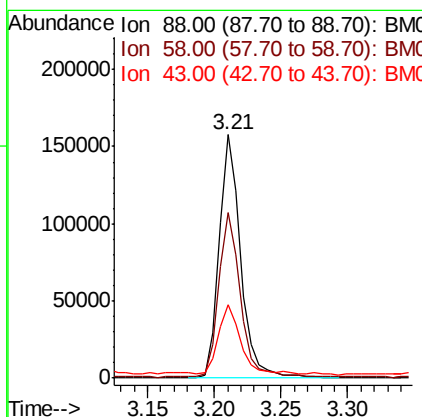
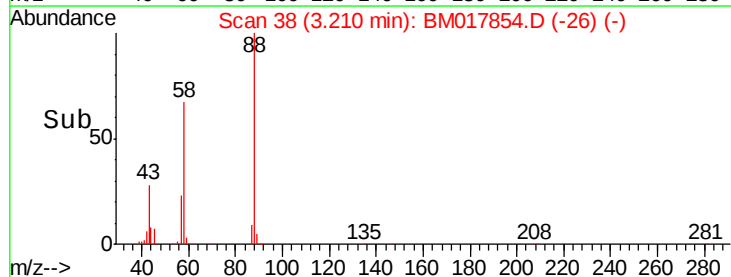
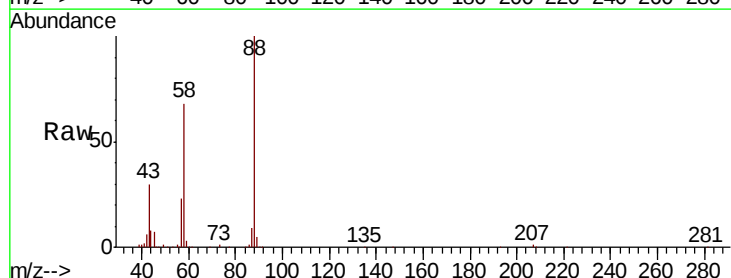
mohammad
12/3/2018 4:58:30 PM

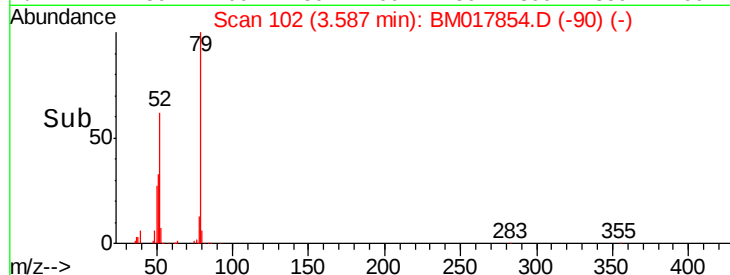
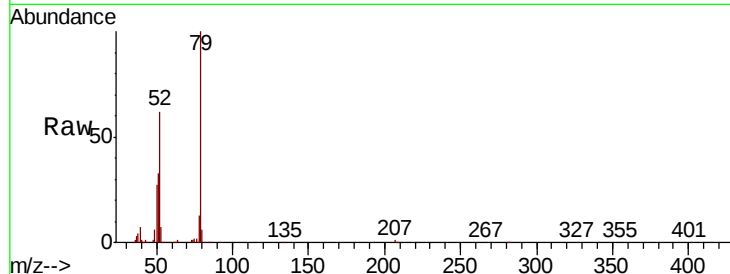
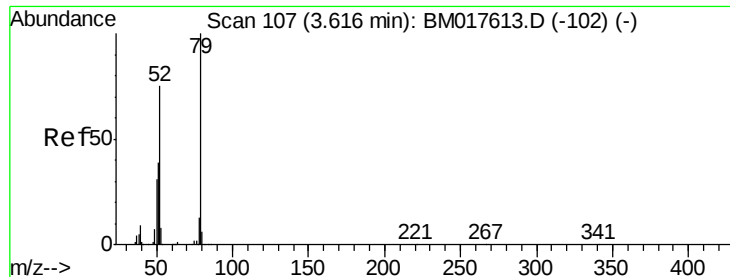


#2

1,4-Dioxane
Concen: 33.538 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	62.0	93.0
43	30.2	26.8	40.2





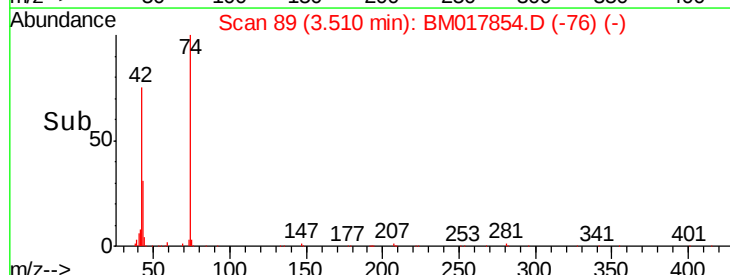
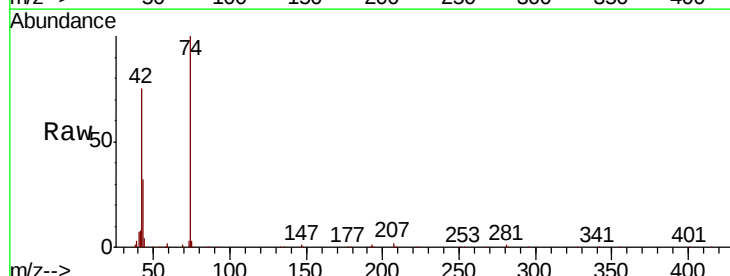
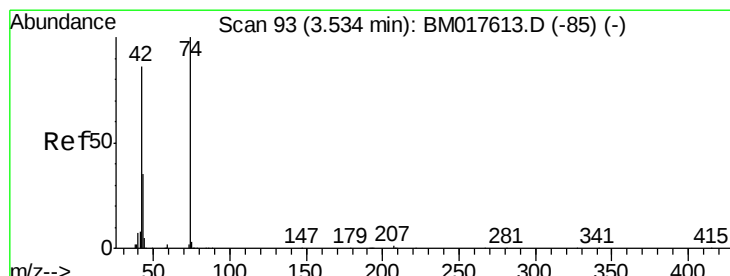
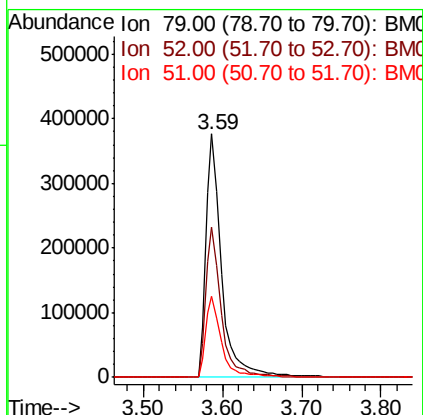
#3
Pvridine
Concen: 33.034 ng
RT: 3.59 min Scan# 102
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.8	60.1	90.1
51	33.4	31.1	46.7

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

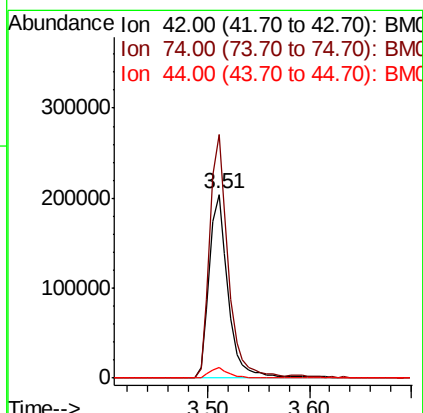
Manual Integrations
APPROVED

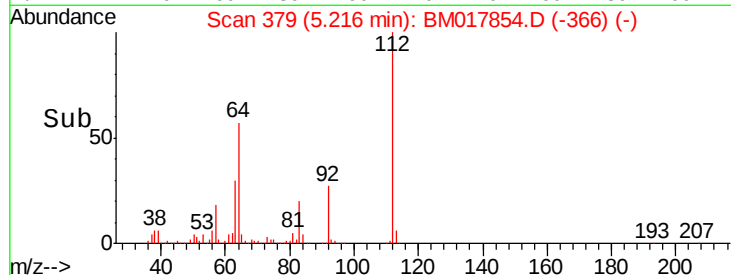
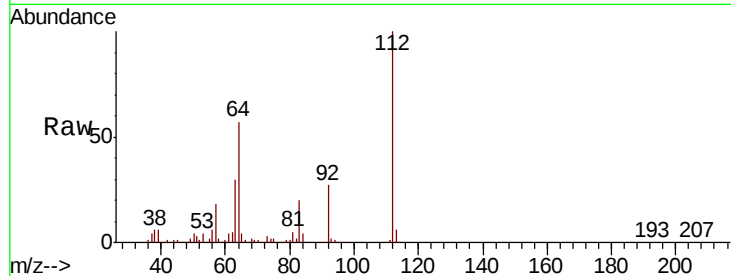
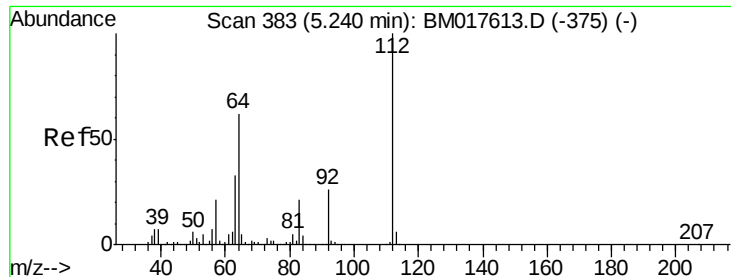
mohammad
12/3/2018 4:58:30 PM



#4
n-Nitrosodimethylamine
Concen: 38.271 ng
RT: 3.51 min Scan# 89
Delta R.T. -0.02 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.7	93.1	139.7
44	5.5	5.0	7.6





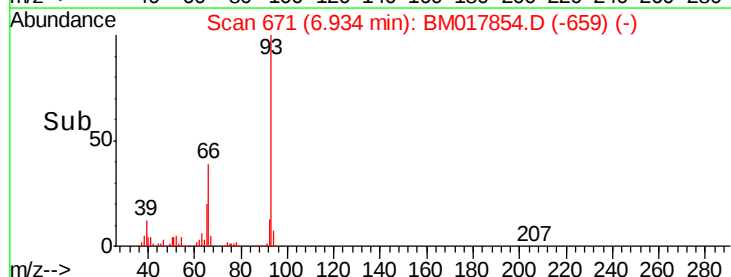
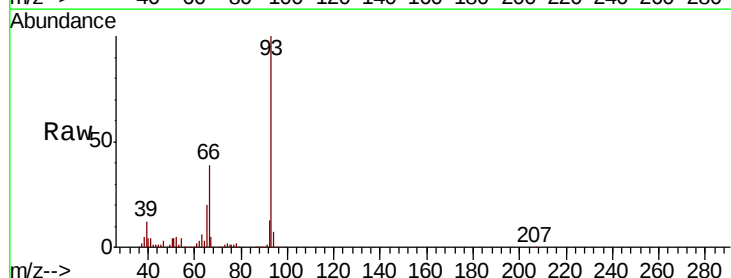
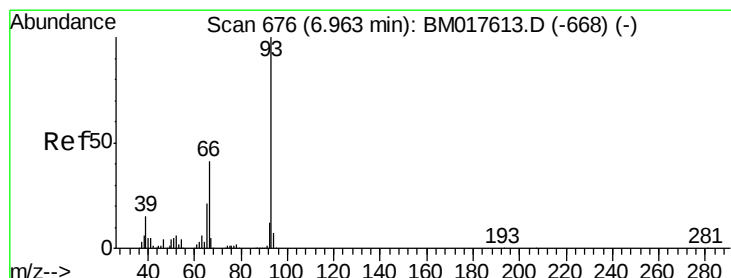
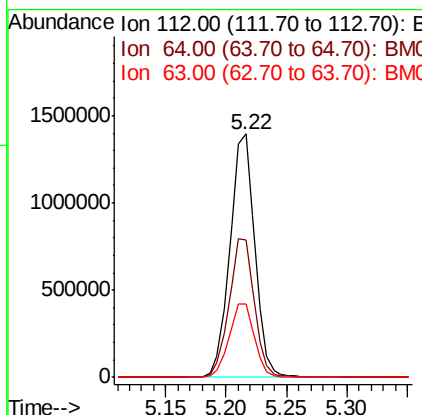
#5
2-Fluorophenol
Concen: 154.815 ng
RT: 5.22 min Scan# 379
Delta R.T. -0.02 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.6	49.3	73.9
63	30.3	26.2	39.4

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

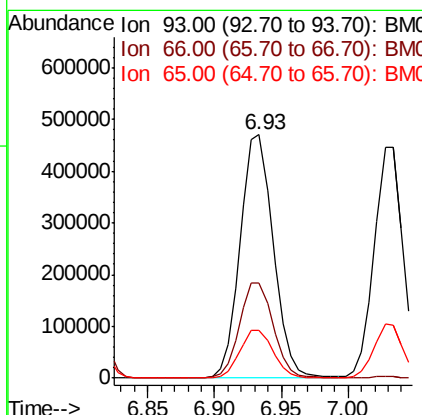
Manual Integrations
APPROVED

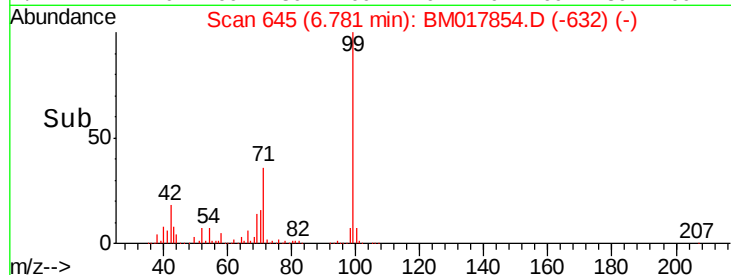
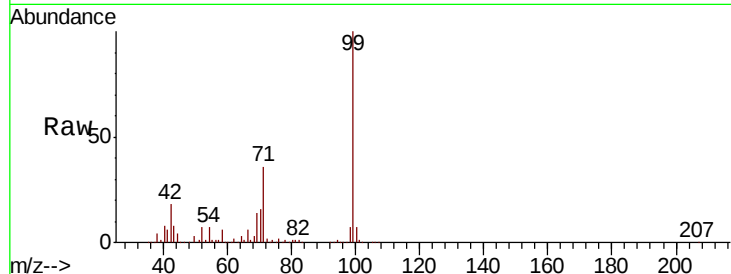
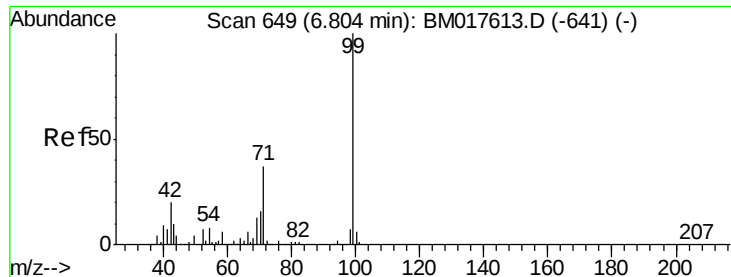
mohammad
12/3/2018 4:58:30 PM



#6
Aniline
Concen: 36.159 ng
RT: 6.93 min Scan# 671
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.0	32.8	49.2
65	19.7	16.6	25.0





#7

Phenol-d6

Concen: 145.759 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Tot Ion: 99 Resp: 2634628

Ion Ratio Lower Upper

99 100

42 18.1 16.3 24.5

71 36.4 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

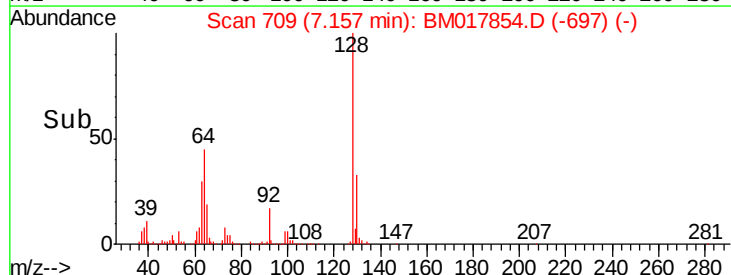
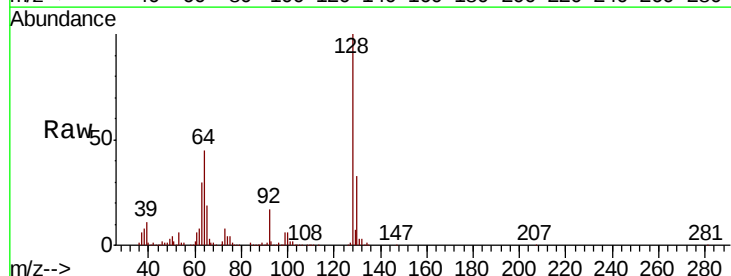
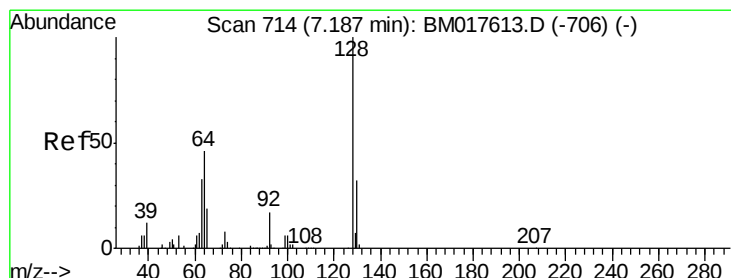
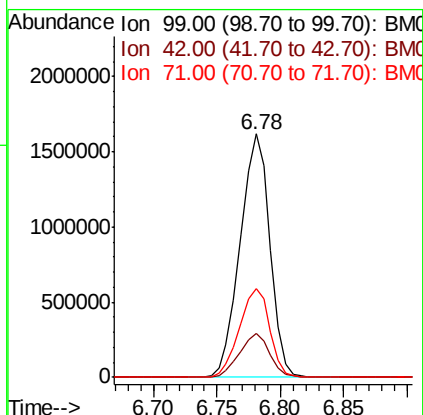
PB115195BSD

Manual Integrations

APPROVED

mohammad

12/3/2018 4:58:30 PM



#8

2-Chlorophenol

Concen: 49.711 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.03 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

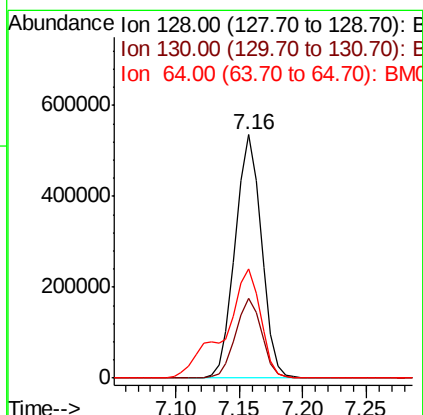
Tgt Ion: 128 Resp: 769952

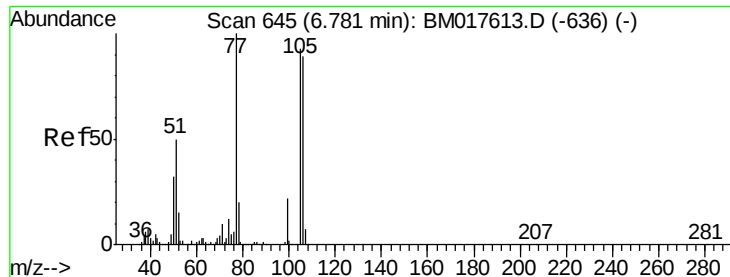
Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

64 44.7 30.0 70.0





#9

Benzaldehyde

Concen: 14.611 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.04 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Instrument :

BNA_M

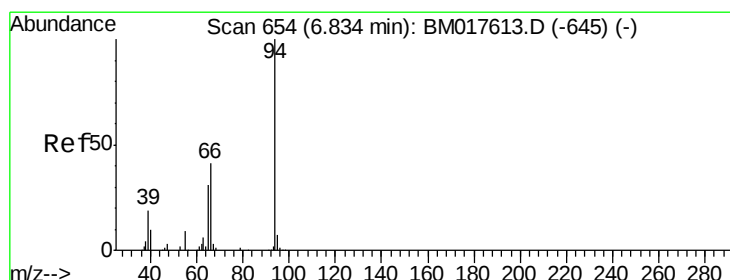
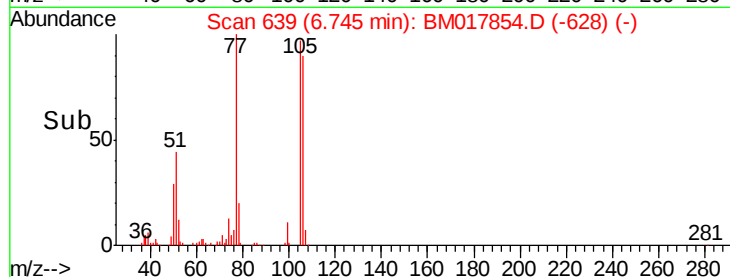
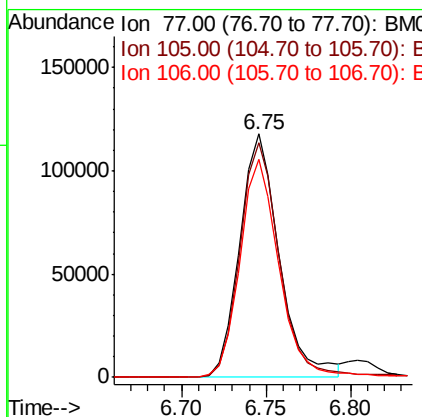
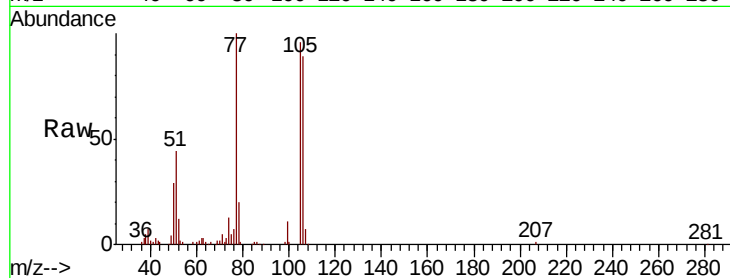
ClientSampleId :

PB115195BSD

Tot Ion:	77	Resp:	192384
Ion	Ratio	Lower	Upper
77	100		
105	96.3	72.7	112.7
106	89.4	68.9	108.9

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM



#10

Phenol

Concen: 48.743 ng

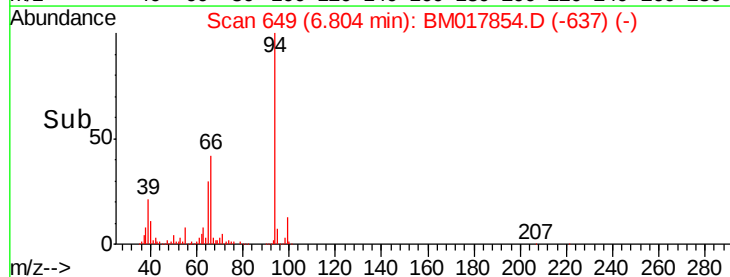
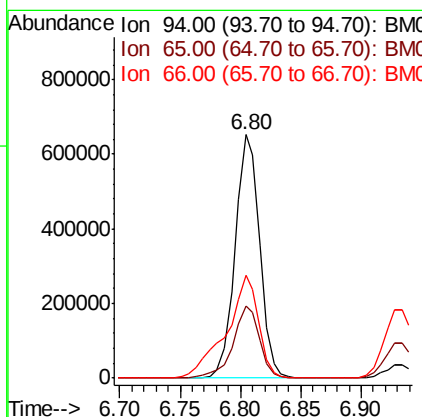
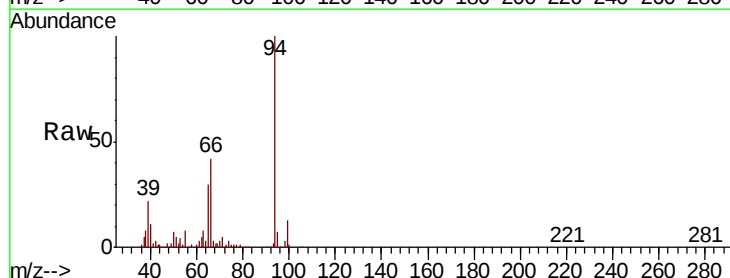
RT: 6.80 min Scan# 649

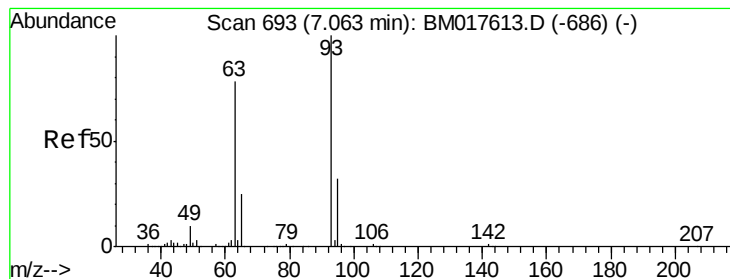
Delta R.T. -0.03 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Tgt Ion:	94	Resp:	924774
Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.4	51.4
66	42.3	21.4	61.4





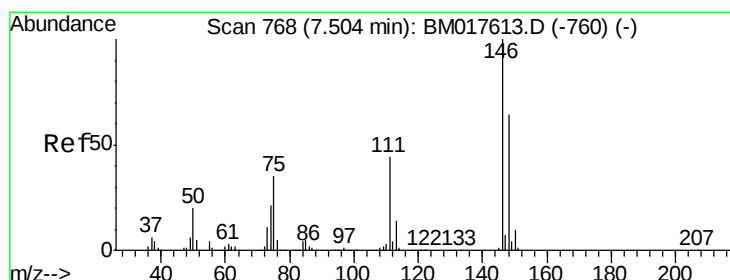
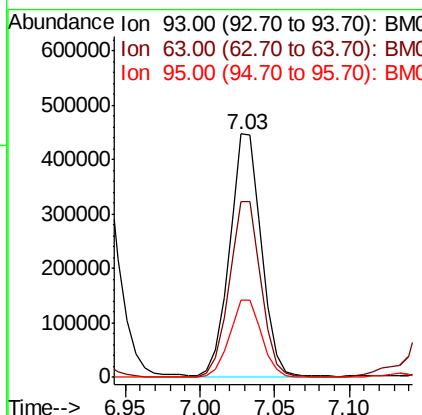
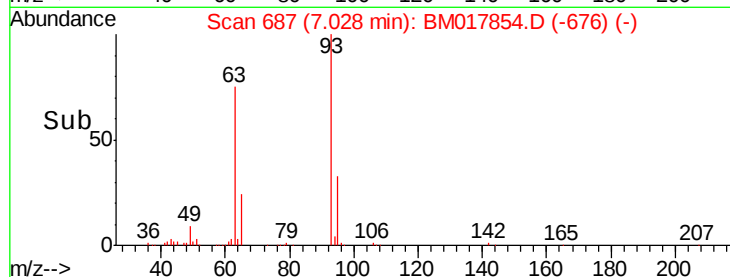
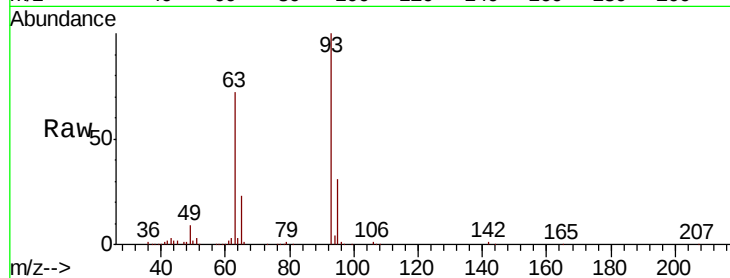
#11
bis(2-Chloroethyl)ether
Concen: 43.990 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	658851		
63	72.1	57.9	97.9	
95	31.5	12.3	52.3	

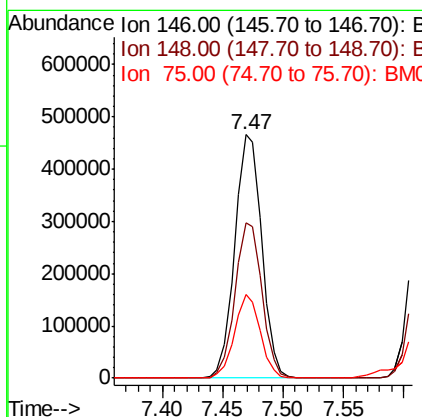
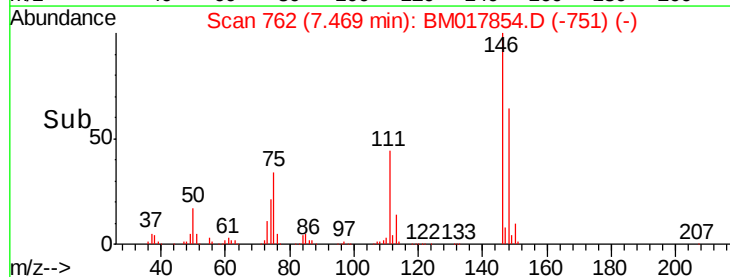
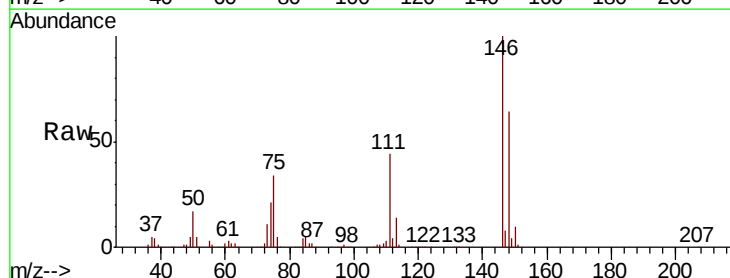
Manual Integrations
APPROVED

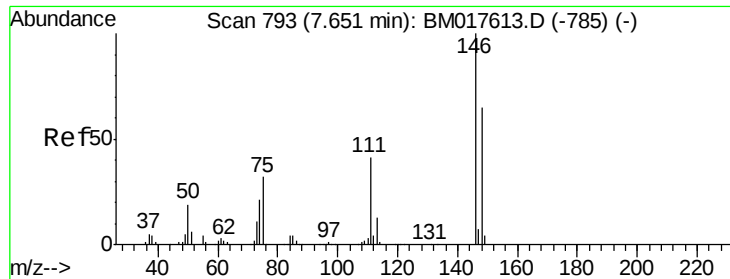
mohammad
12/3/2018 4:58:30 PM



#12
1,3-Dichlorobenzene
Concen: 41.851 ng
RT: 7.47 min Scan# 762
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	727255		
148	63.9	51.2	76.8	
75	34.5	28.2	42.2	





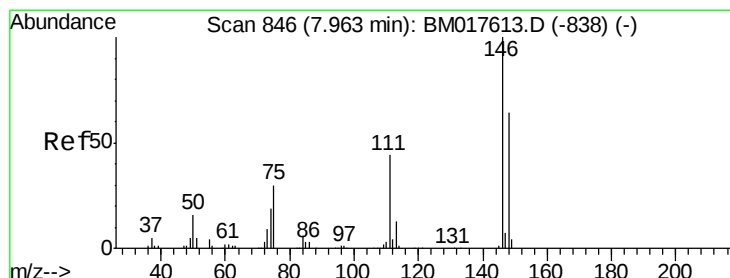
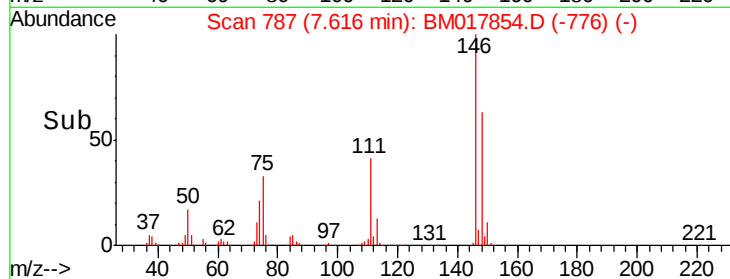
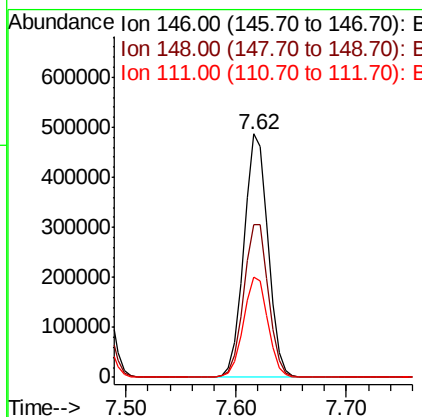
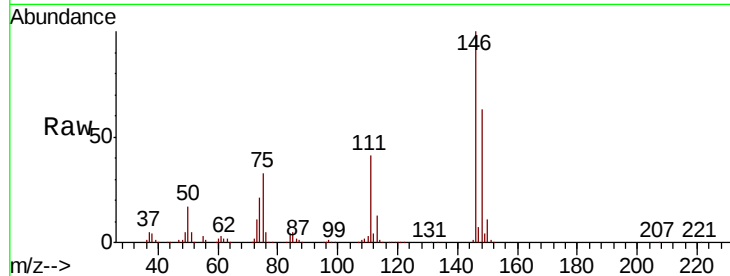
#13
1,4-Dichlorobenzene
Concen: 41.970 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.0	78.0
111	41.3	33.2	49.8

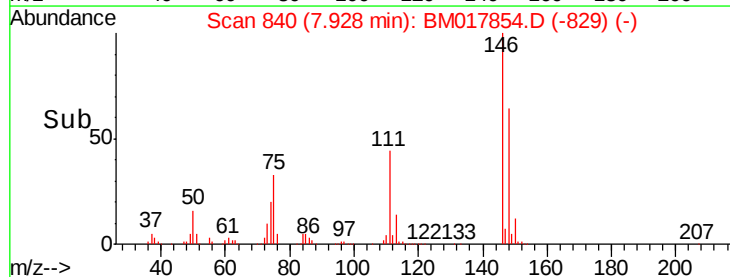
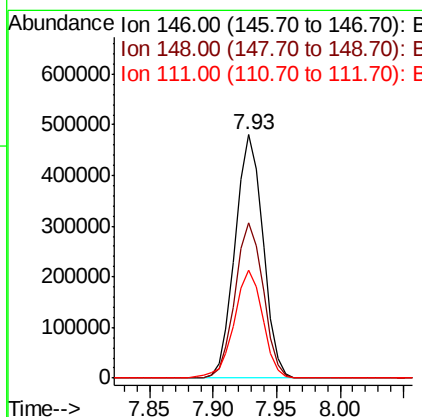
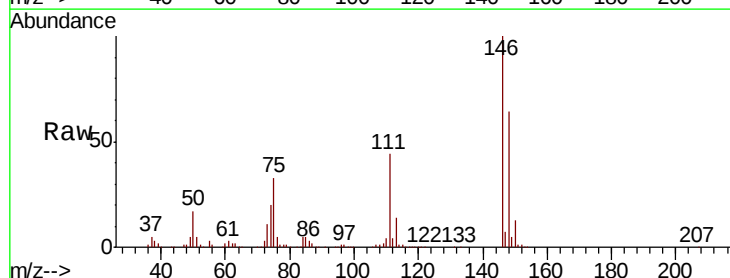
Manual Integrations
APPROVED

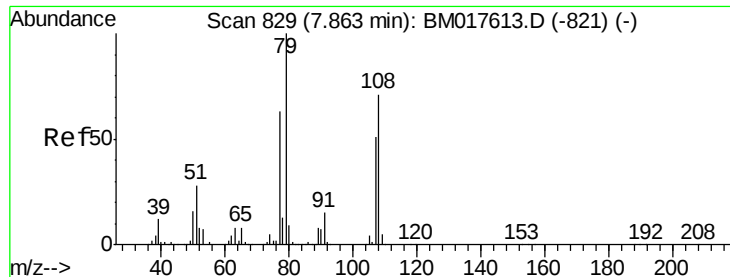
mohammad
12/3/2018 4:58:30 PM



#14
1,2-Dichlorobenzene
Concen: 42.333 ng
RT: 7.93 min Scan# 840
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	44.3	35.8	53.8





#15

Benzyl Alcohol

Concen: 45.045 ng

RT: 7.83 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Instrument :

BNA_M

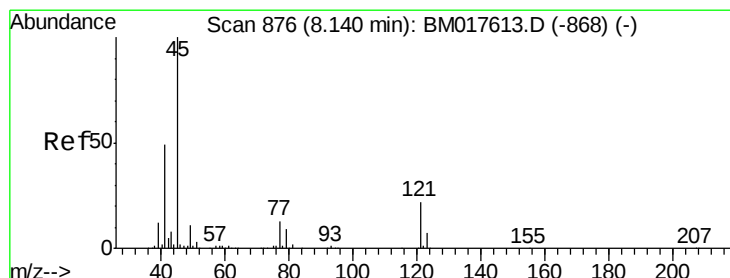
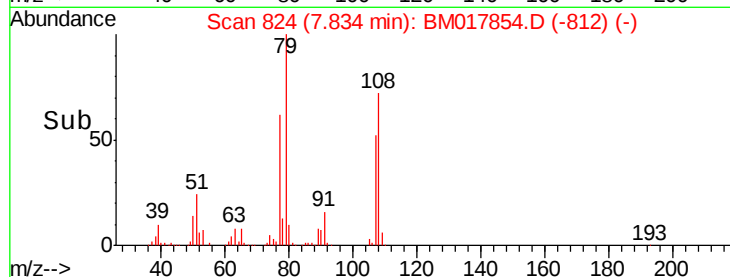
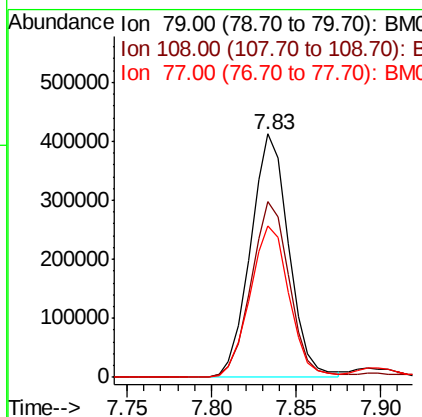
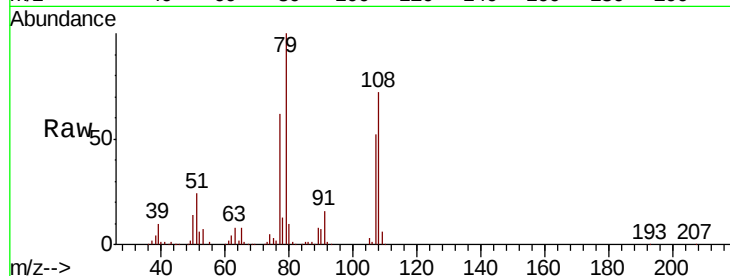
ClientSampleID :

PB115195BSD

Tot Ion:	79	Resp:	648409
Ion Ratio	Lower	Upper	
79	100		
108	72.0	57.1	85.7
77	62.4	50.4	75.6

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.315 ng

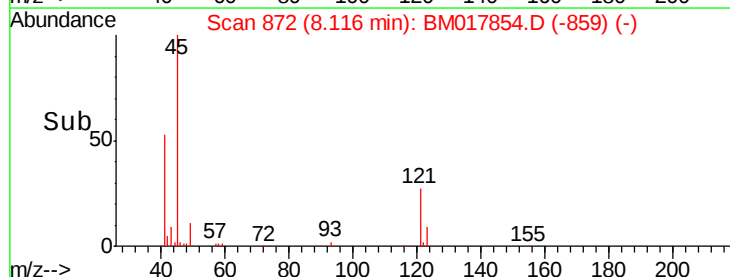
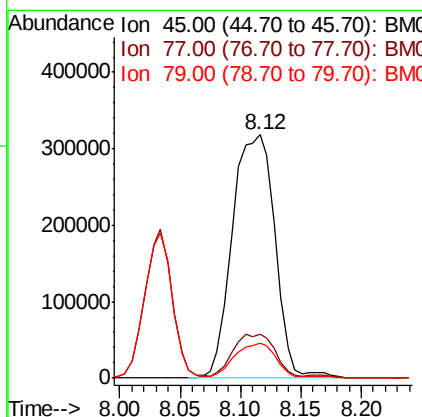
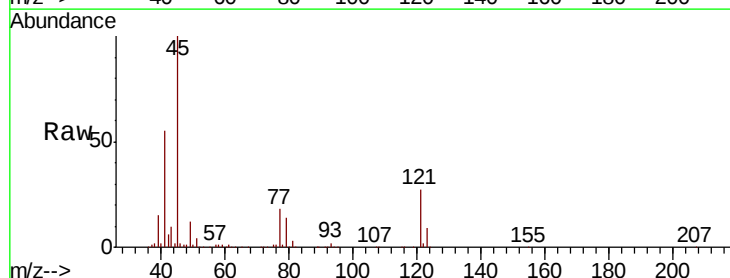
RT: 8.12 min Scan# 872

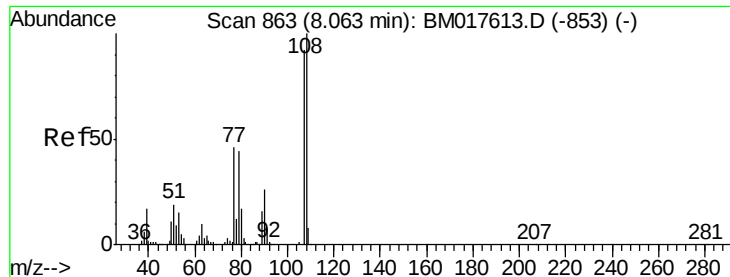
Delta R.T. -0.02 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Tgt Ion:	45	Resp:	782494
Ion Ratio	Lower	Upper	
45	100		
77	17.9	0.0	34.2
79	14.4	0.0	30.5





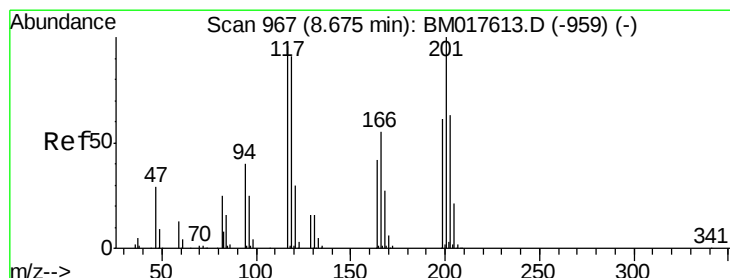
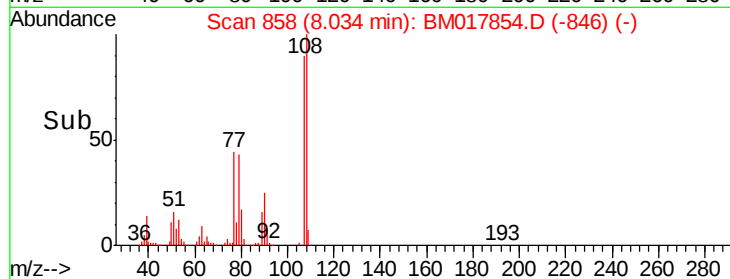
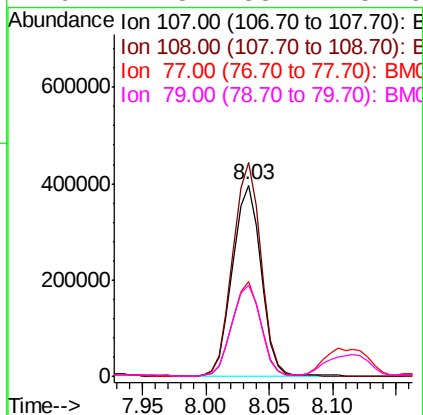
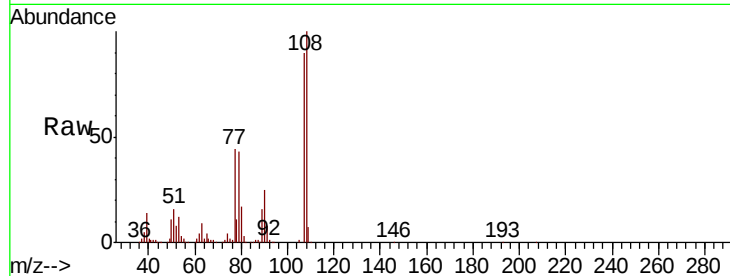
#17
2-Methylphenol
Concen: 48.323 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	86.7	130.1	
77	49.2	39.8	59.6	
79	47.8	38.4	57.6	

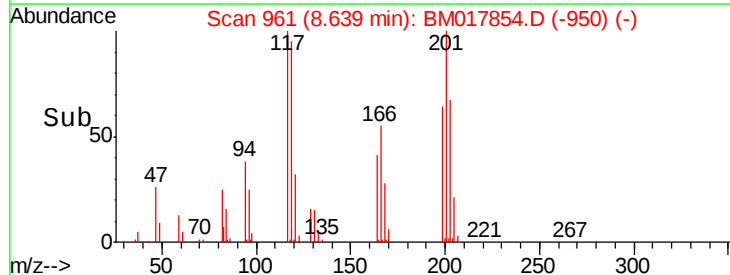
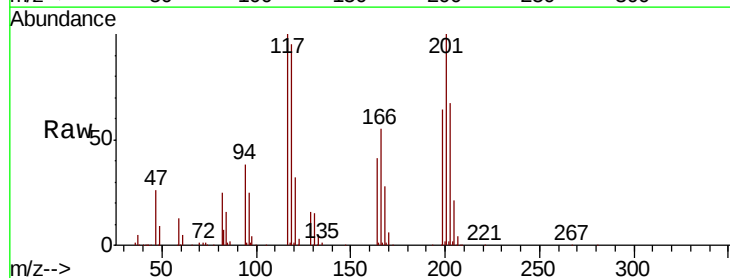
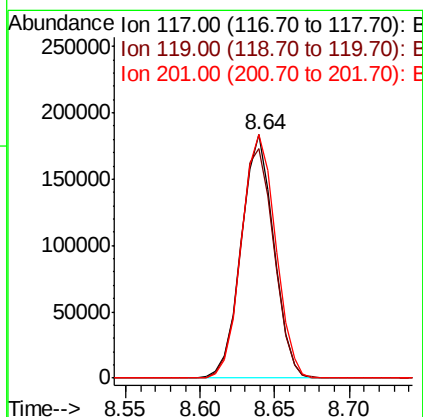
Manual Integrations
APPROVED

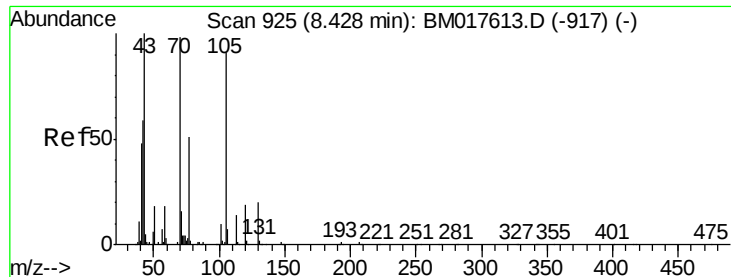
mohammad
12/3/2018 4:58:30 PM



#18
Hexachloroethane
Concen: 44.185 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	75.8	113.8	
201	100.0	83.0	124.4	





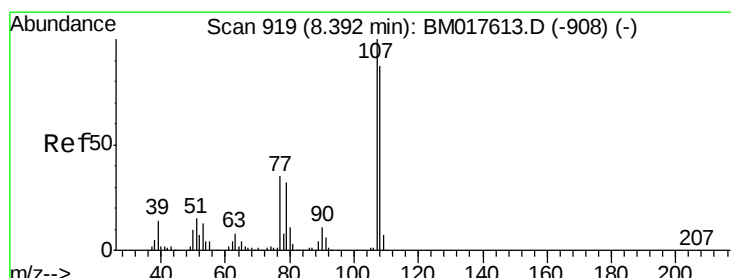
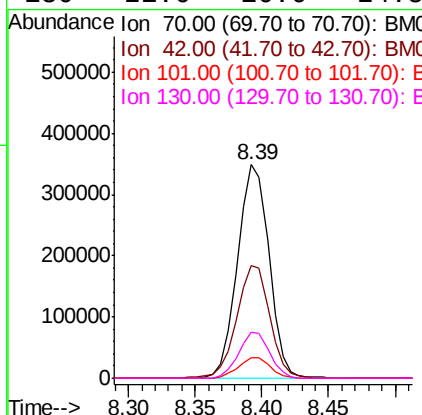
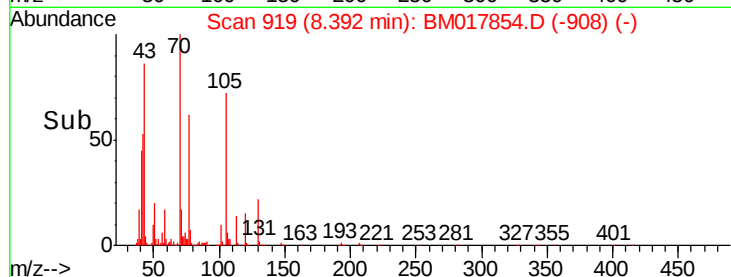
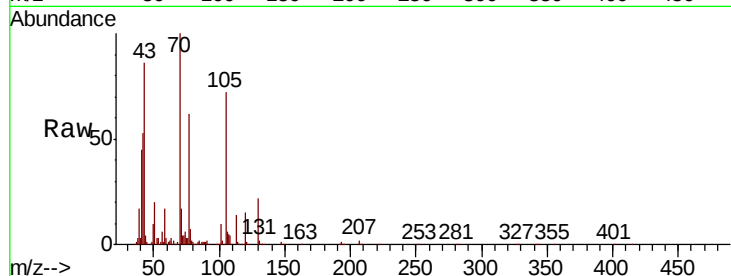
#19
n-Nitroso-di-n-propylamine
Concen: 43.953 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampled :
PB115195BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.0	48.6	73.0	
101	9.8	7.9	11.9	
130	21.6	16.6	24.8	

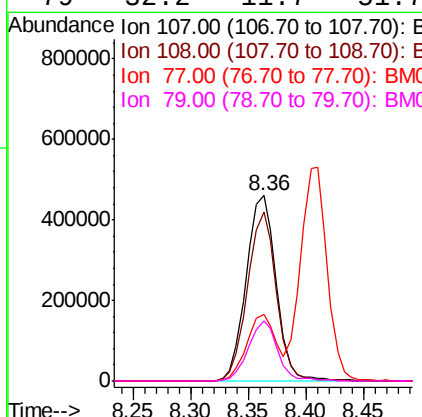
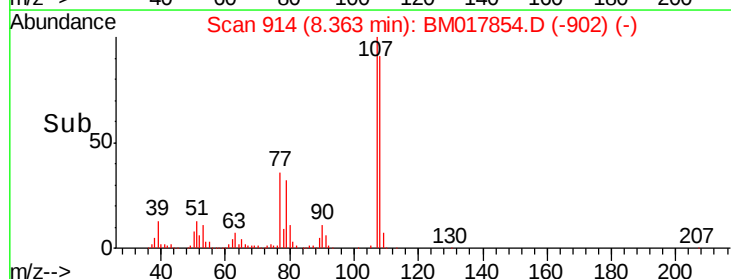
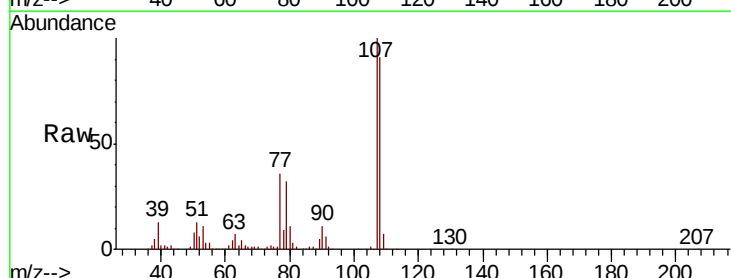
Manual Integrations
APPROVED

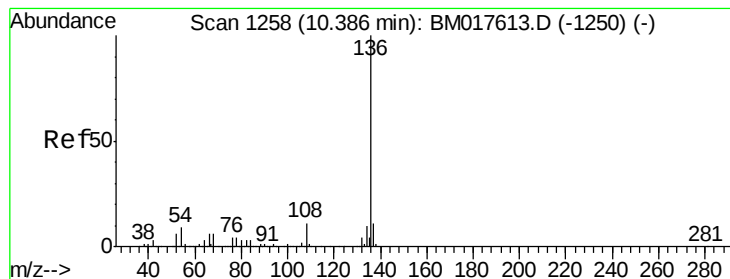
mohammad
12/3/2018 4:58:30 PM



#20
3+4-Methylphenols
Concen: 47.003 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	67.0	107.0	
77	36.2	15.6	55.6	
79	32.2	11.7	51.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1252

Delta R.T. -0.04 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Instrument :

BNA_M

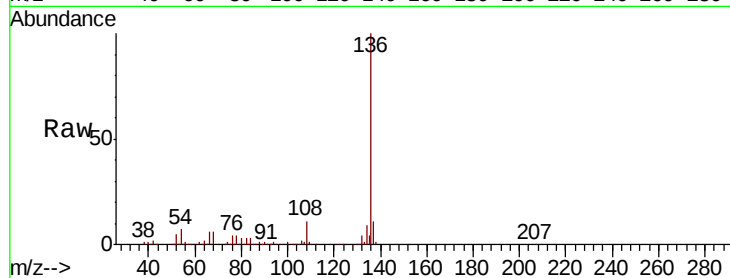
ClientSampleId :

PB115195BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	959203		
137	11.5	8.6	12.8	
54	7.4	7.0	10.6	
68	6.1	4.9	7.3	

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM



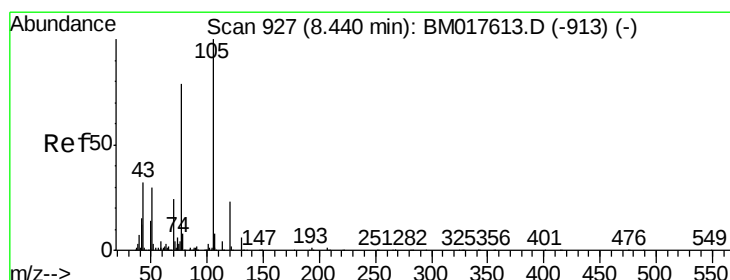
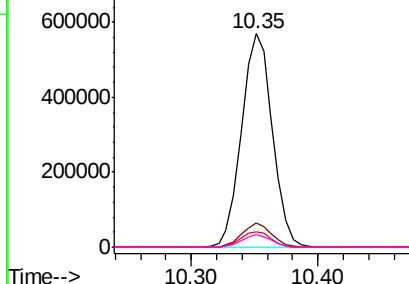
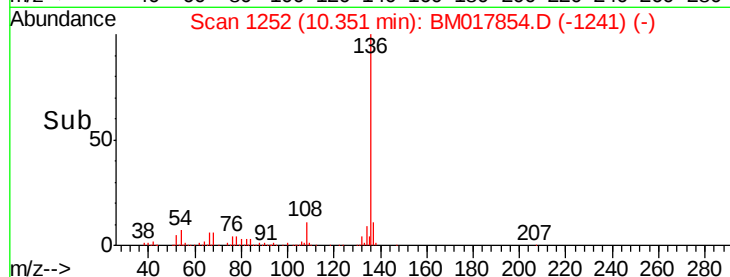
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 45.023 ng

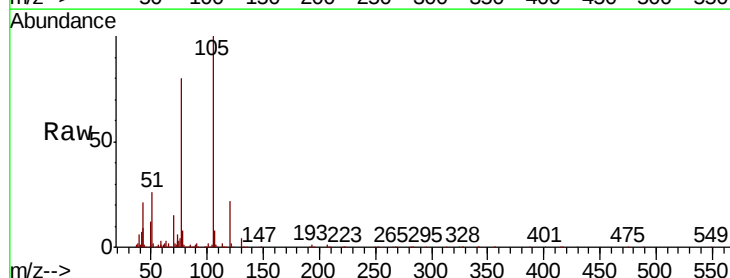
RT: 8.41 min Scan# 922

Delta R.T. -0.03 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1077858		
71	2.4	3.1	4.7#	
51	26.0	23.8	35.8	
120	22.5	18.0	27.0	



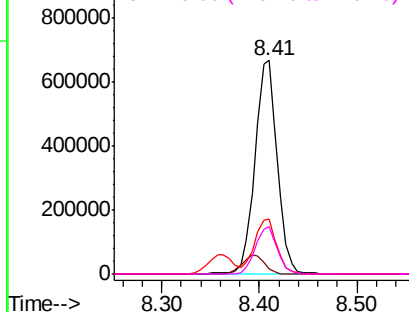
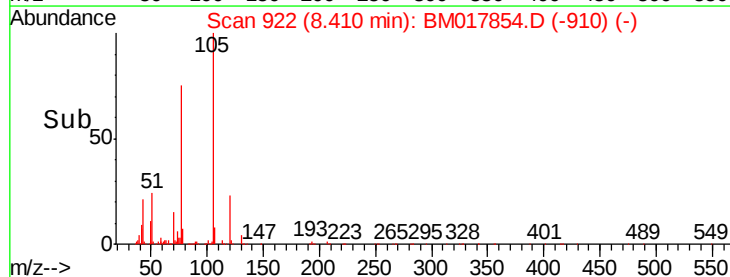
Abundance

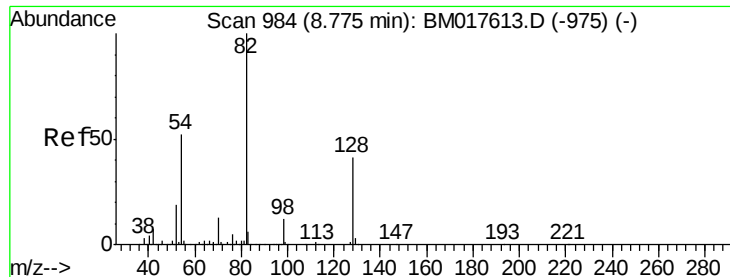
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





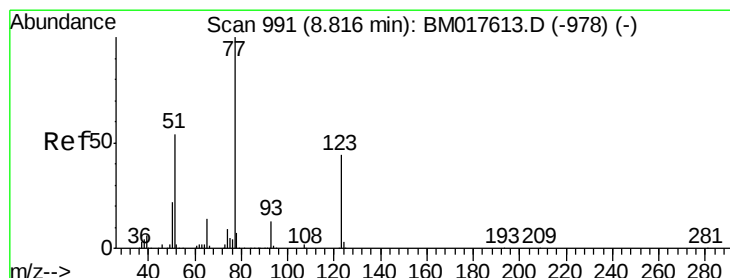
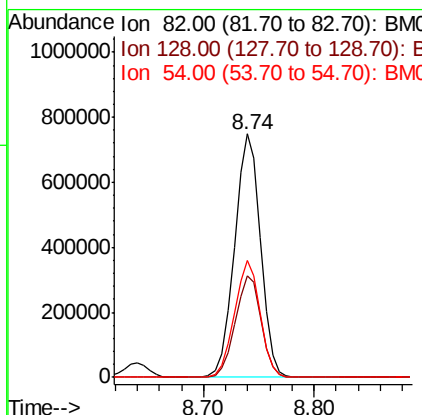
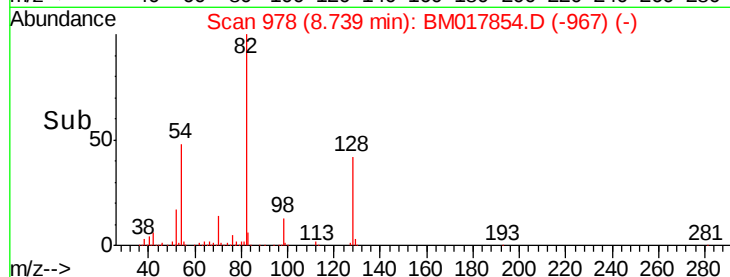
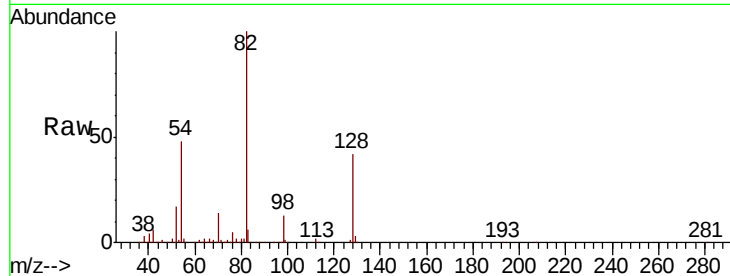
#23
 Nitrobenzene-d5
 Concen: 66.438 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.04 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.0	49.4
54	47.9	41.4	62.2

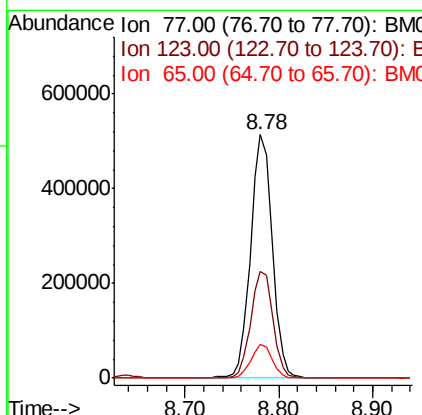
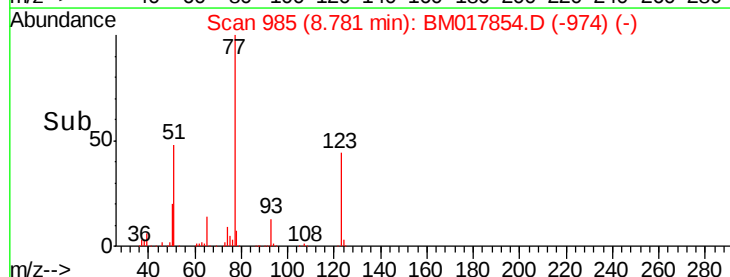
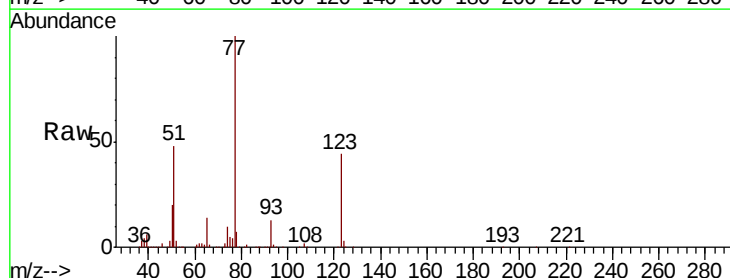
Manual Integrations
 APPROVED

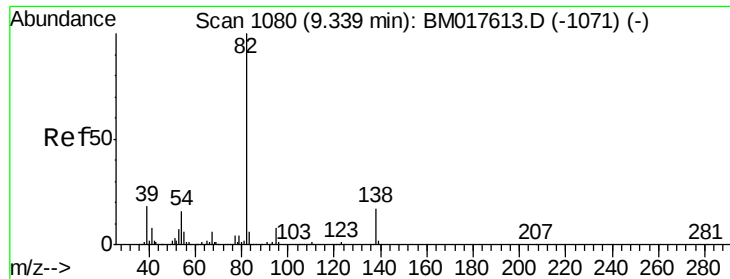
mohammad
 12/3/2018 4:58:30 PM



#24
 Nitrobenzene
 Concen: 43.600 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.04 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	35.1	52.7
65	13.8	11.0	16.6





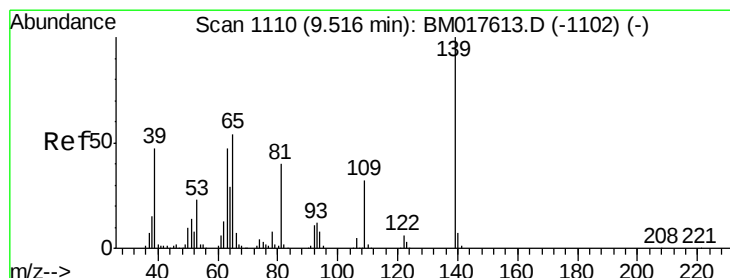
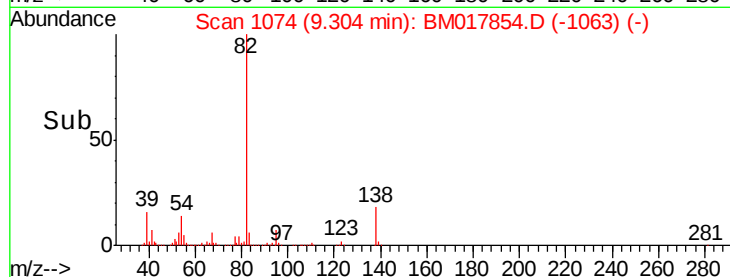
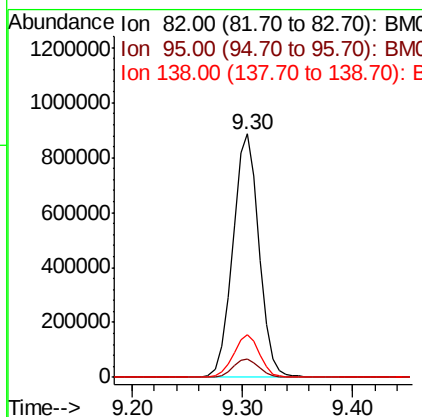
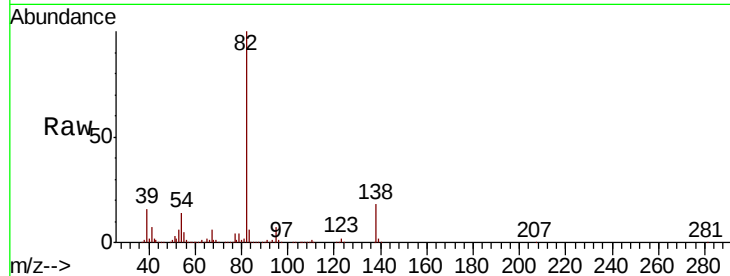
#25
Isophorone
Concen: 51.306 ng
RT: 9.30 min Scan# 1074
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.1	9.1
138	17.8	13.9	20.9

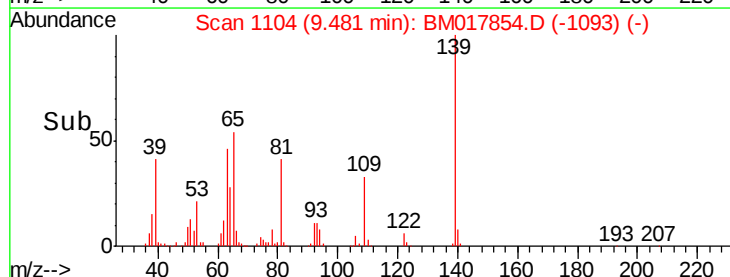
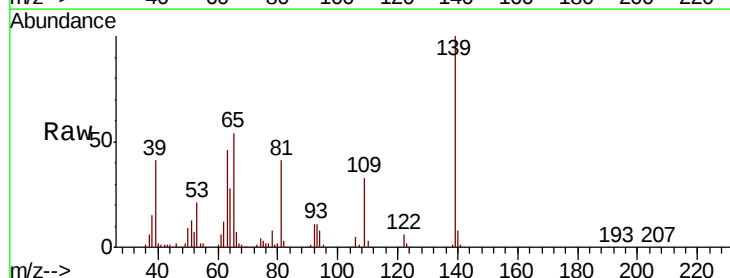
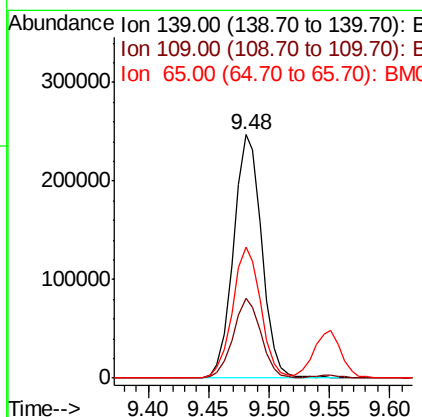
Manual Integrations
APPROVED

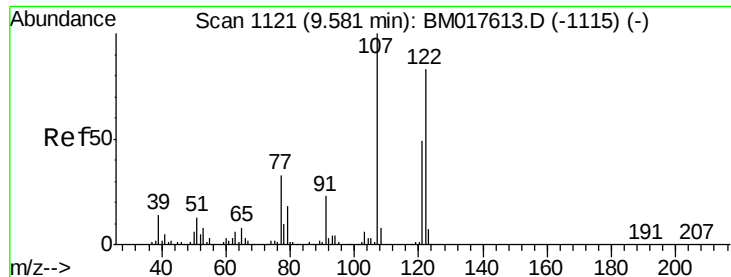
mohammad
12/3/2018 4:58:30 PM



#26
2-Nitrophenol
Concen: 46.509 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.0	25.9	38.9
65	53.8	43.0	64.4





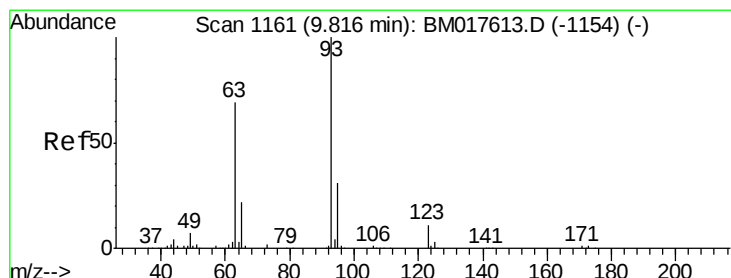
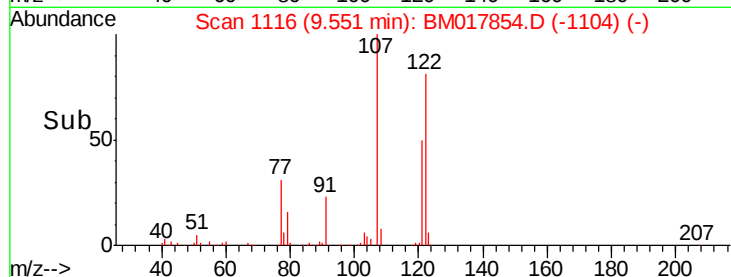
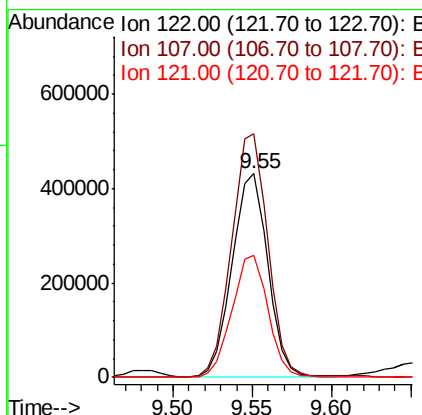
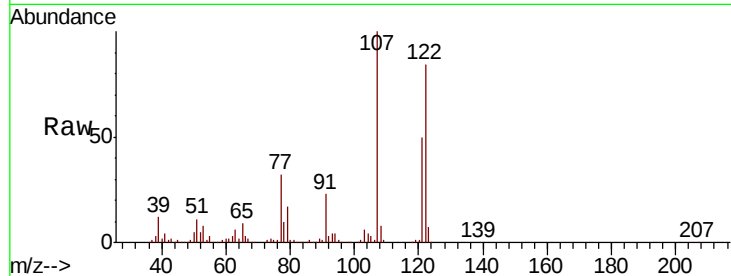
#27
 2,4-Dimethylphenol
 Concen: 53.722 ng
 RT: 9.55 min Scan# 1116
 Delta R.T. -0.03 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.5	95.8	143.8
121	59.8	47.2	70.8

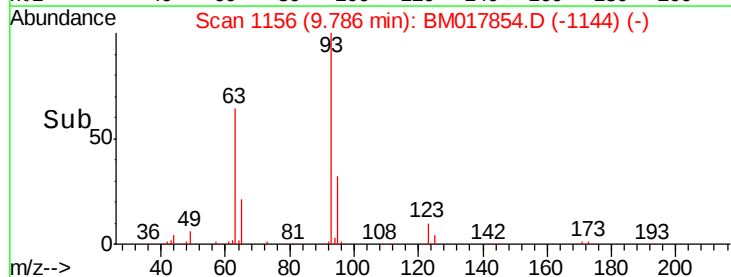
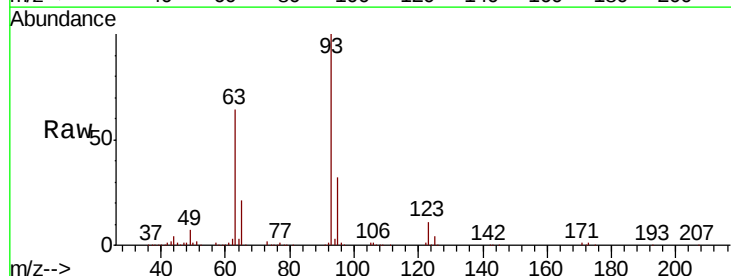
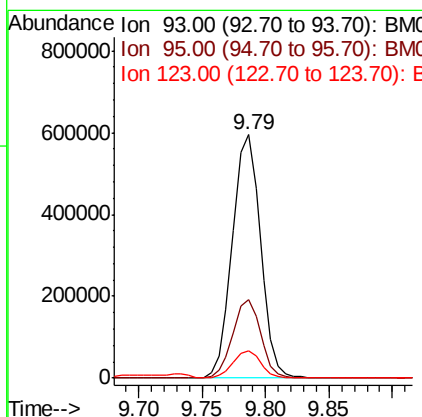
Manual Integrations
 APPROVED

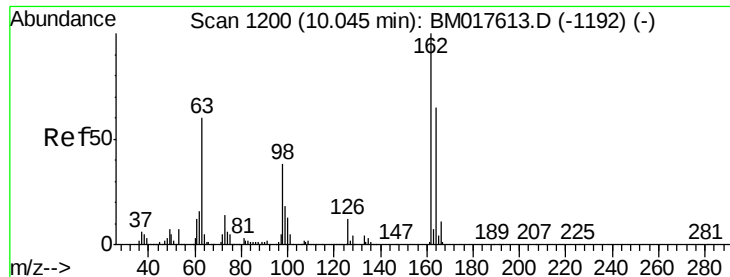
mohammad
 12/3/2018 4:58:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.874 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.9	37.3
123	11.2	8.7	13.1





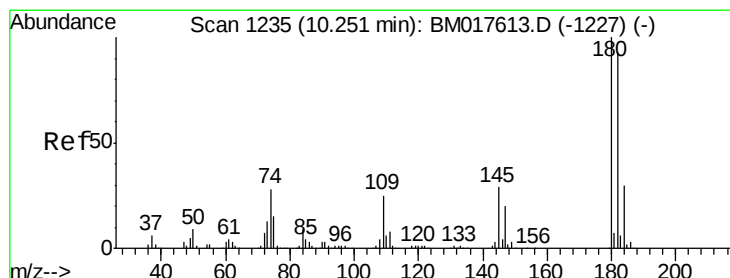
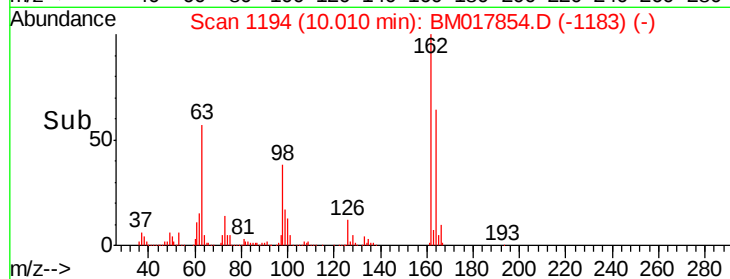
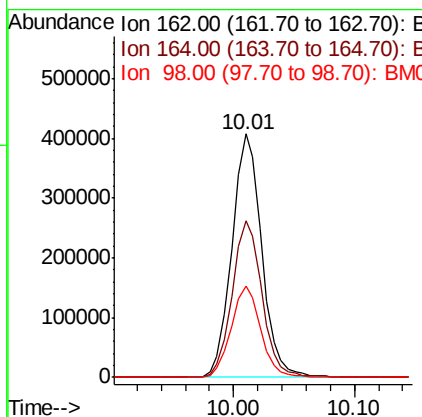
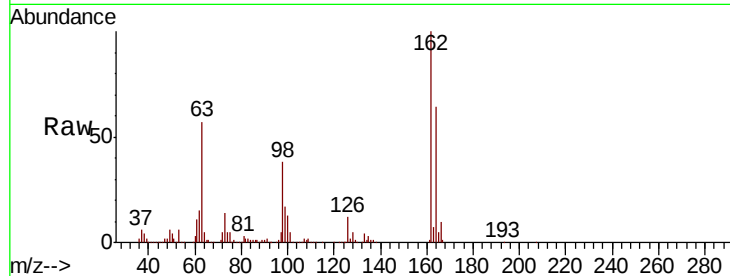
#29
 2,4-Dichlorophenol
 Concen: 48.299 ng
 RT: 10.01 min Scan# 1194
 Delta R.T. -0.04 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	701629		
164	64.4	45.0	85.0	
98	37.7	17.5	57.5	

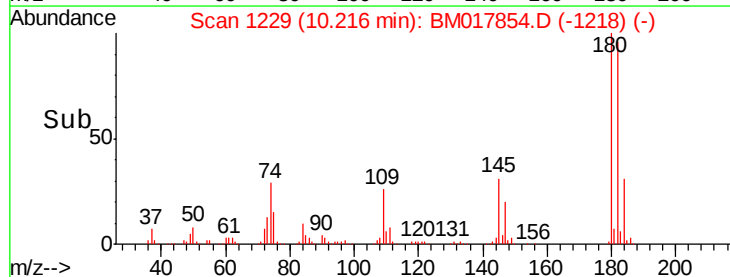
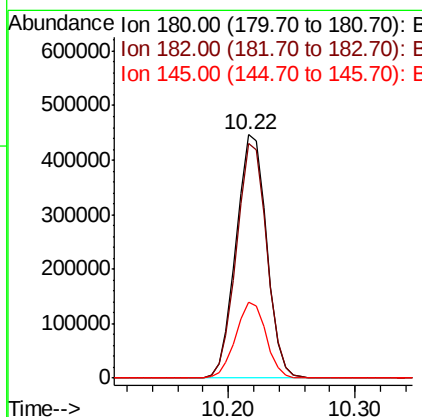
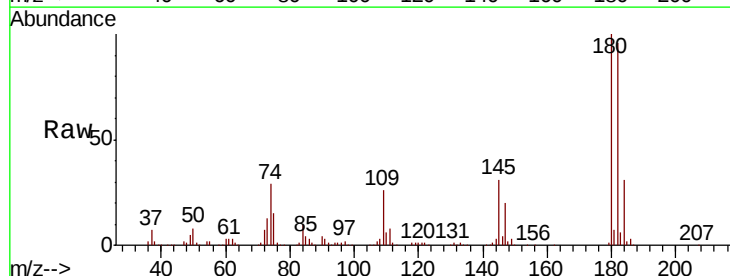
Manual Integrations
 APPROVED

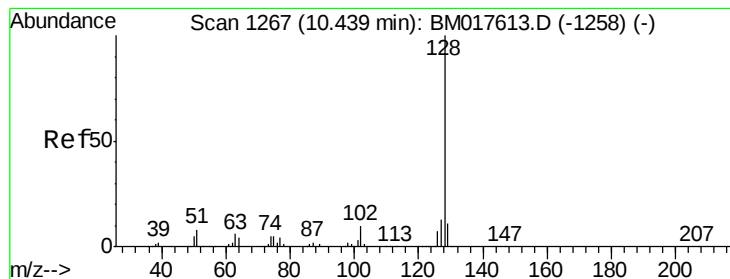
mohammad
 12/3/2018 4:58:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.207 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. -0.04 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	746907		
182	96.4	74.4	111.6	
145	31.1	23.5	35.3	





#31

Naphthalene

Concen: 47.370 ng

RT: 10.40 min Scan# 1261

Delta R.T. -0.04 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Instrument :

BNA_M

ClientSampleId :

PB115195BSD

Tot Ion:128 Resp: 2234001

Ion Ratio Lower Upper

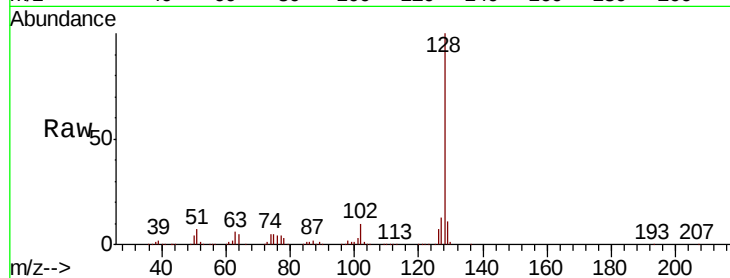
128 100

129 10.9 8.6 12.8

127 13.2 10.3 15.5

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM

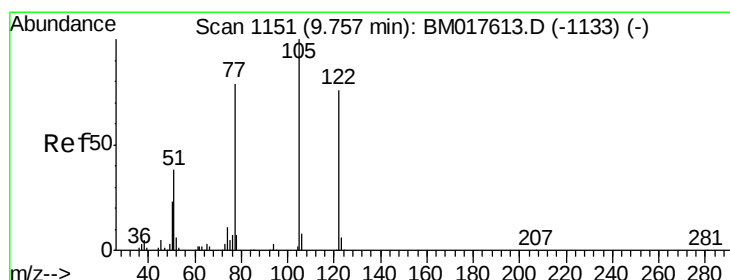
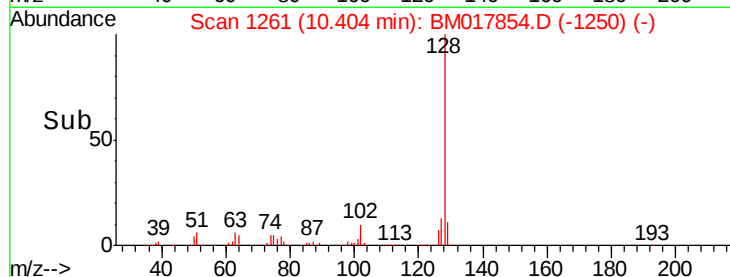
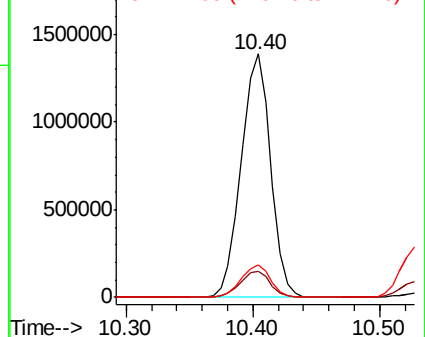


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.972 ng m

RT: 9.73 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

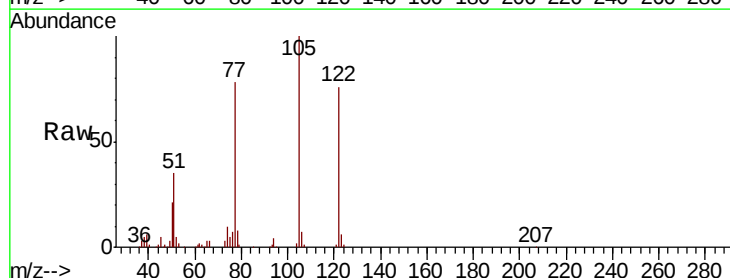
Tgt Ion:122 Resp: 487132

Ion Ratio Lower Upper

122 100

105 131.6 109.1 149.1

77 102.7 82.1 122.1

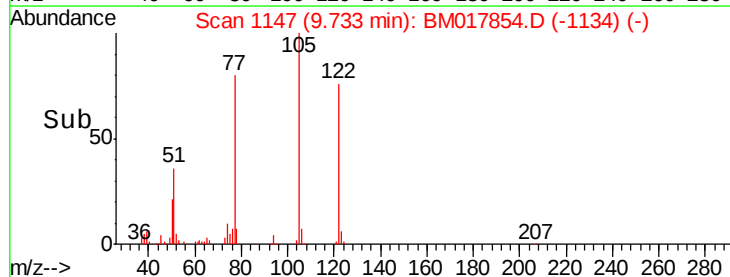
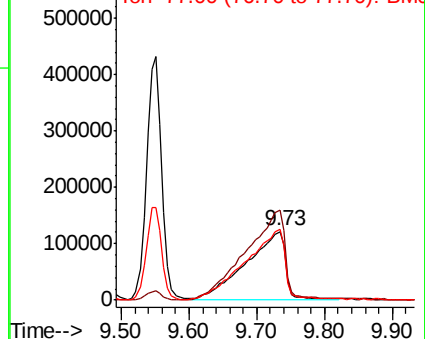


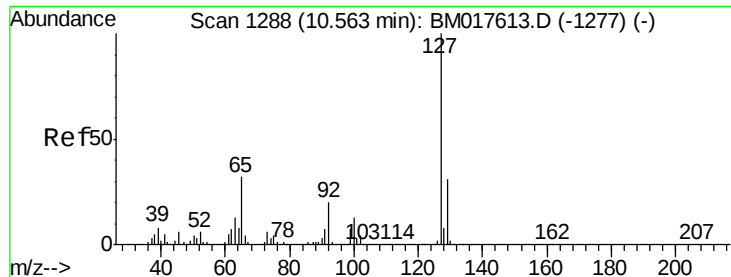
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





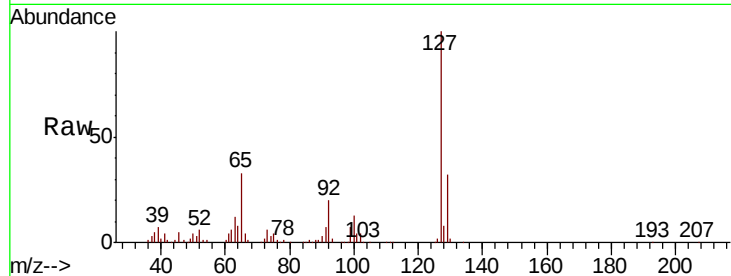
#33
4-Chloroaniline
Concen: 26.801 ng
RT: 10.53 min Scan# 1282
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.0	37.4	
65	32.6	25.8	38.8	
92	20.2	15.8	23.6	

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM



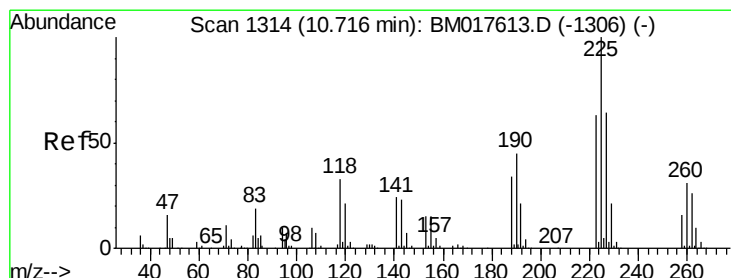
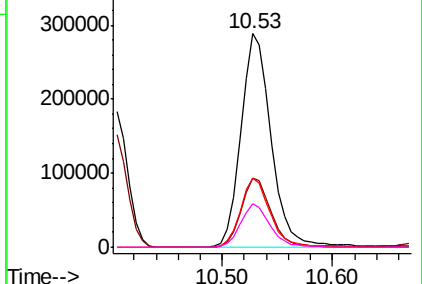
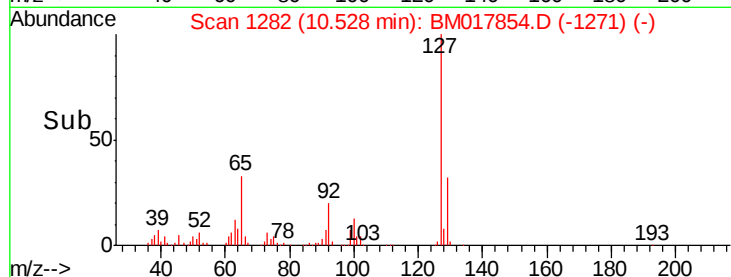
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

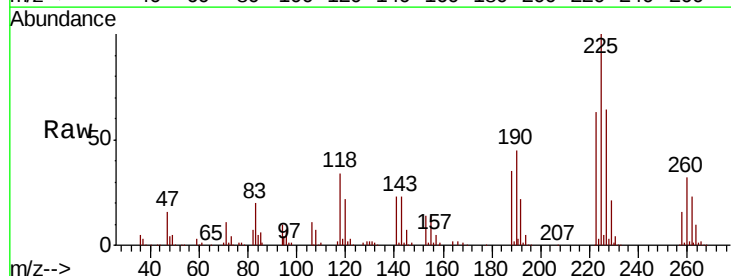
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 43.121 ng
RT: 10.67 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	50.7	76.1	
227	64.3	51.0	76.4	

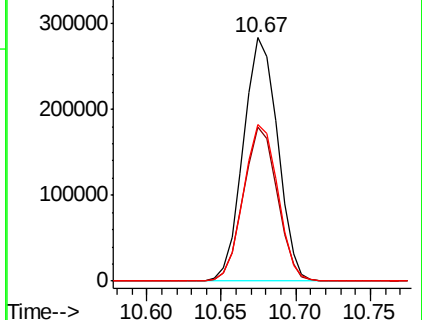
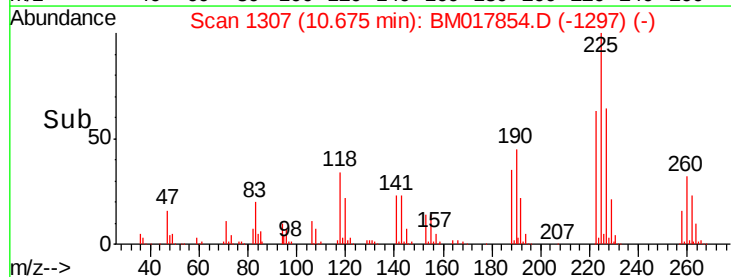


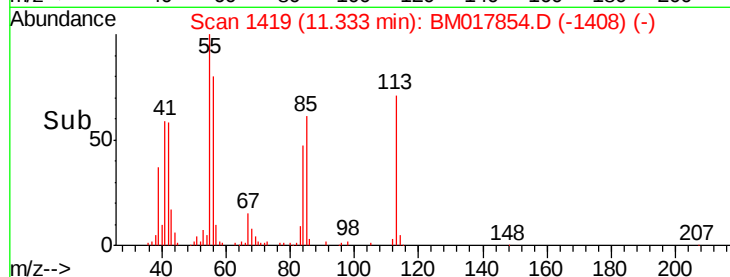
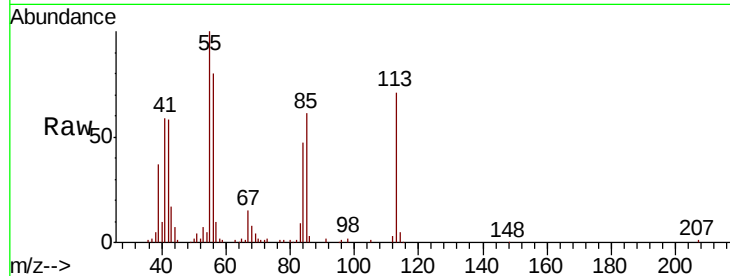
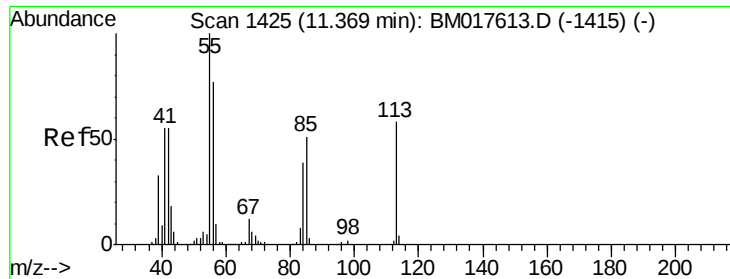
Abundance

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: 38.835 ng/ml

RT: 11.33 min Scan# 1419

Delta R.T. -0.04 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Tot Ion:	113	Resp:	207755
Ion Ratio	Lower	Upper	
113	100		
55	141.2	153.1	193.1#
56	112.7	112.7	152.7

Instrument :

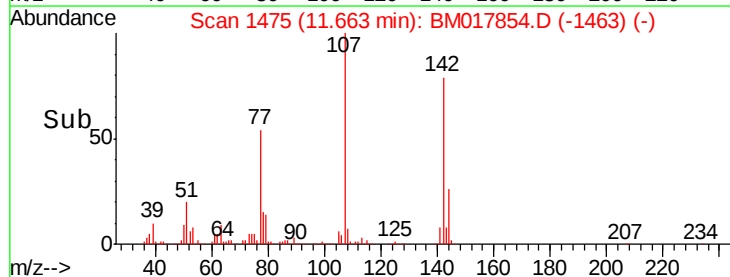
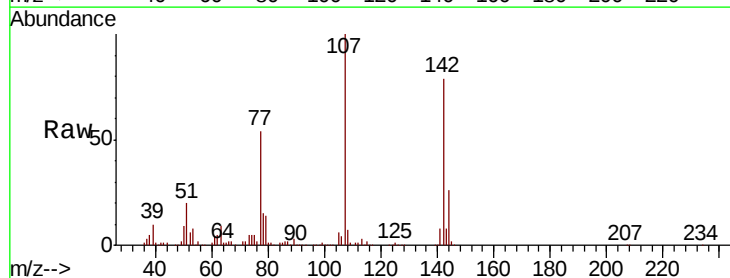
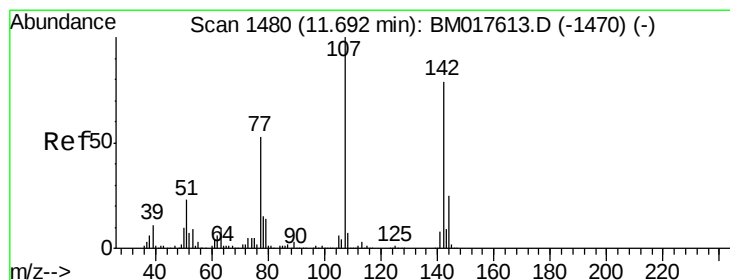
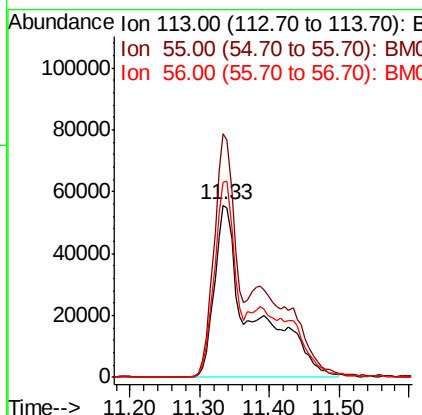
BNA_M

ClientSampleId :

PB115195BSD

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM



#36

4-Chloro-3-methylphenol

Concen: 44.311 ng/ml

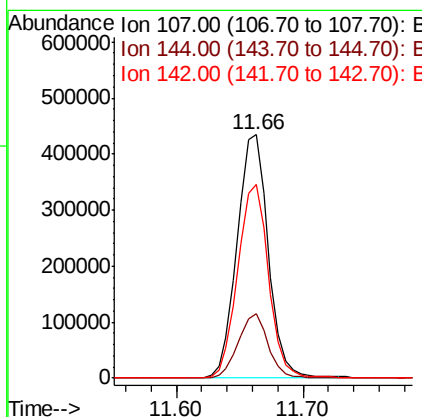
RT: 11.66 min Scan# 1475

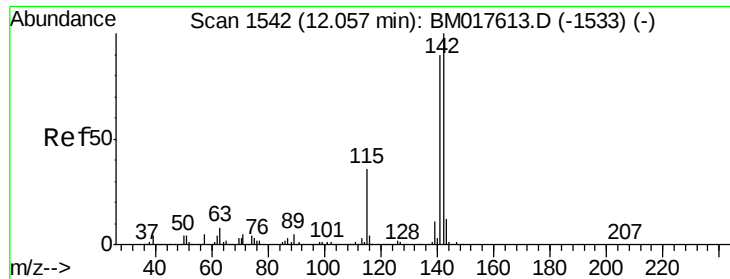
Delta R.T. -0.03 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Tgt Ion:	107	Resp:	743175
Ion Ratio	Lower	Upper	
107	100		
144	26.5	19.9	29.9
142	79.3	63.0	94.4





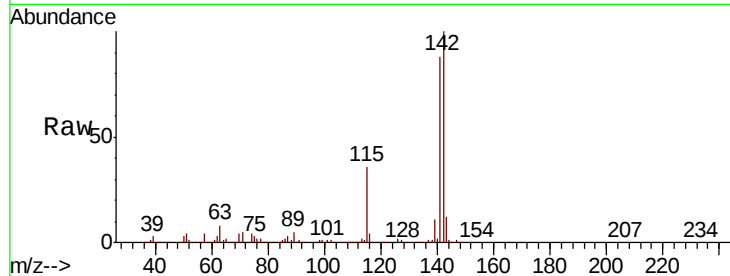
#37
2-Methylnaphthalene
Concen: 49.597 ng
RT: 12.02 min Scan# 1536
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampled :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.2	108.4
115	35.7	28.5	42.7

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM

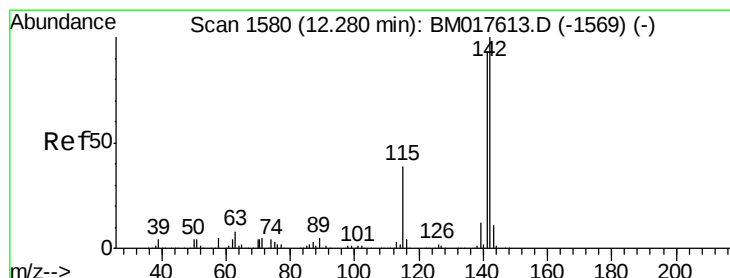
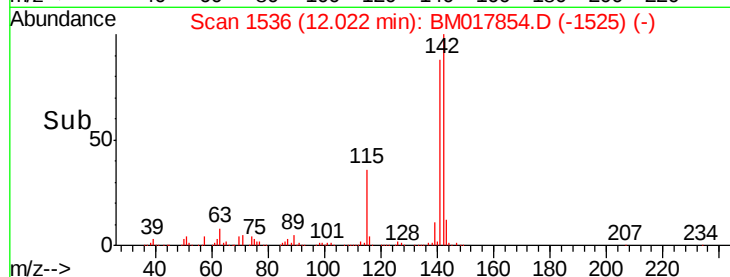
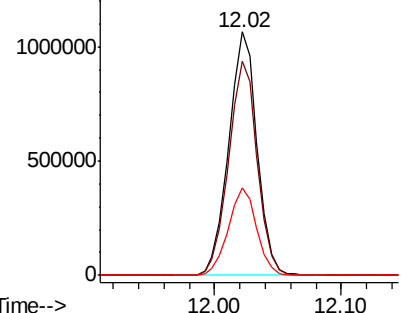


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.830 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

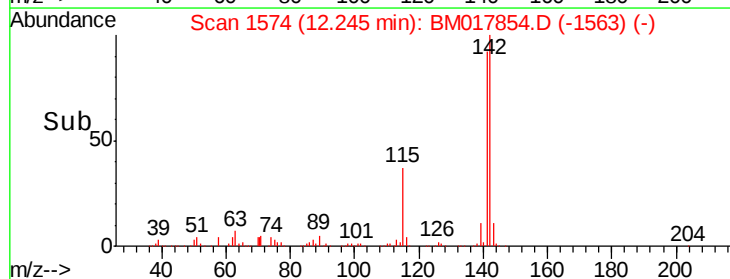
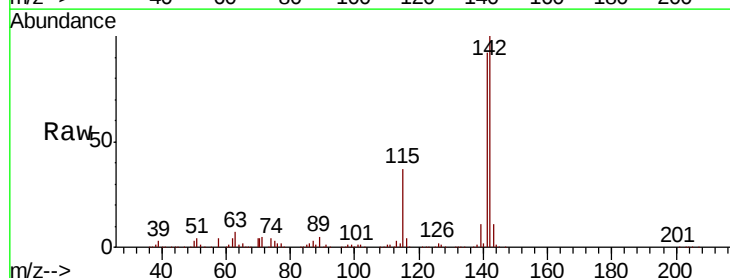
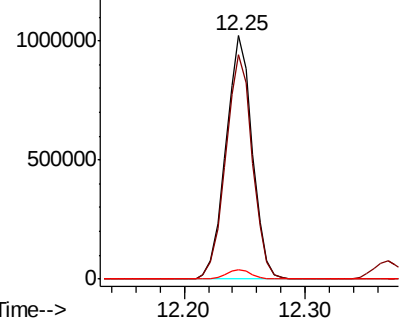
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	4.0	3.1	4.7

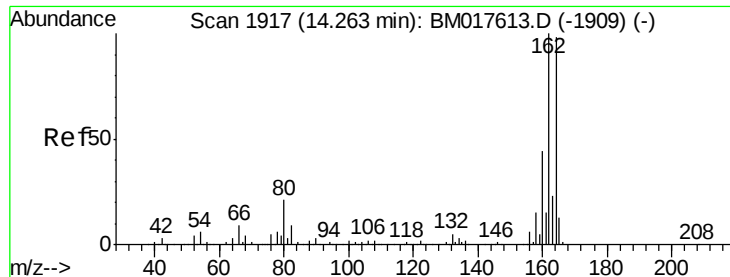
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Instrument :

BNA_M

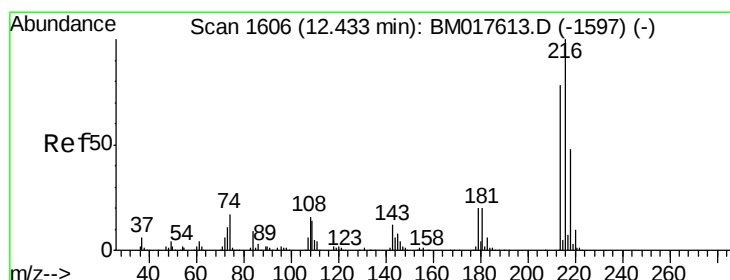
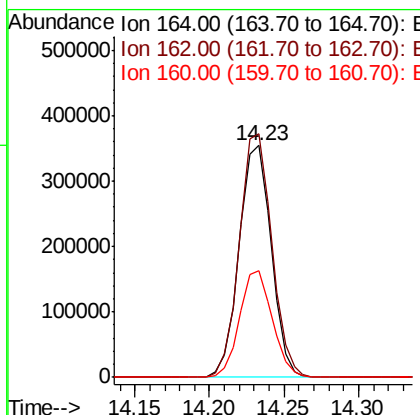
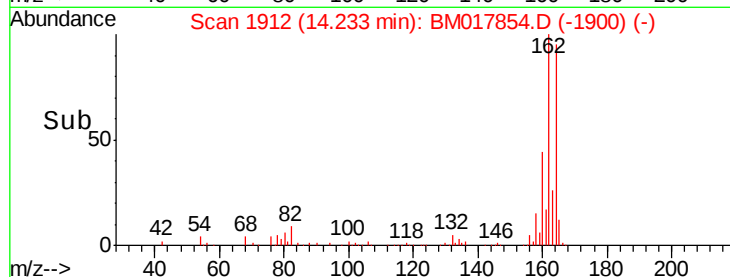
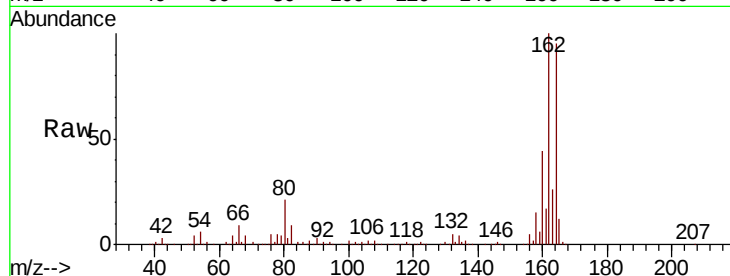
ClientSampleId :

PB115195BSD

Tot Ion:	164	Resp:	529402
Ion Ratio	Lower	Upper	
164	100		
162	105.1	81.4	122.0
160	46.1	35.6	53.4

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.048 ng

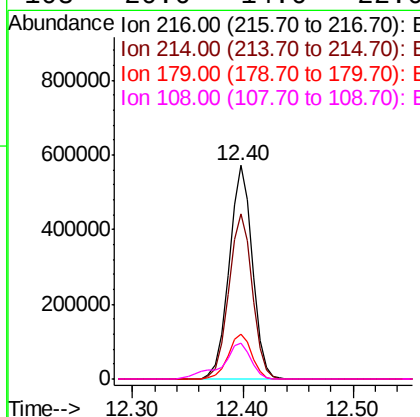
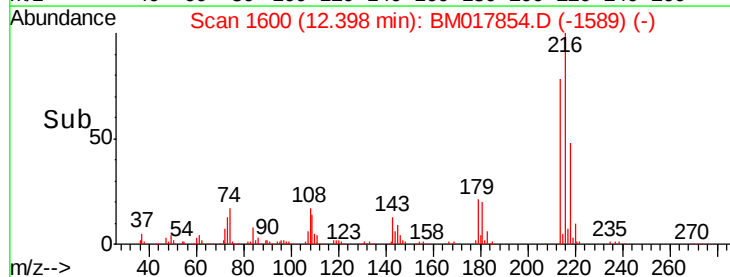
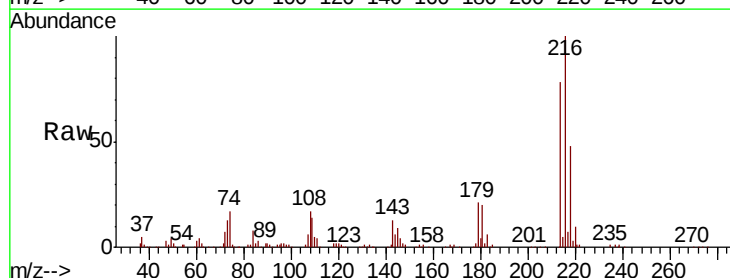
RT: 12.40 min Scan# 1600

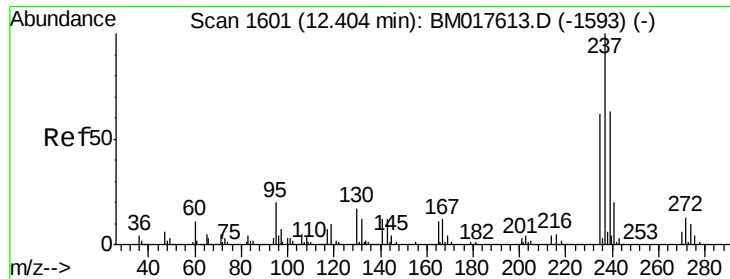
Delta R.T. -0.04 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Tgt Ion:	216	Resp:	840974
Ion Ratio	Lower	Upper	
216	100		
214	78.3	62.5	93.7
179	21.2	16.8	25.2
108	20.6	14.6	22.0





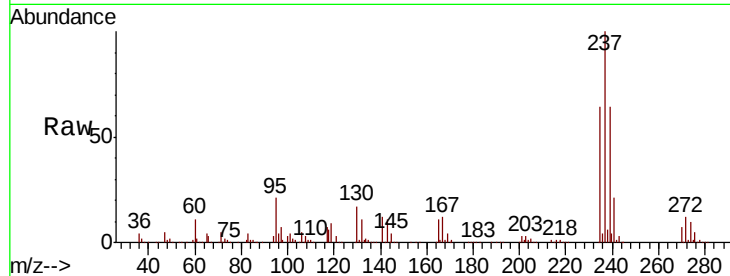
#41
Hexachlorocyclopentadiene
Concen: 100.163 ng
RT: 12.37 min Scan# 1595
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

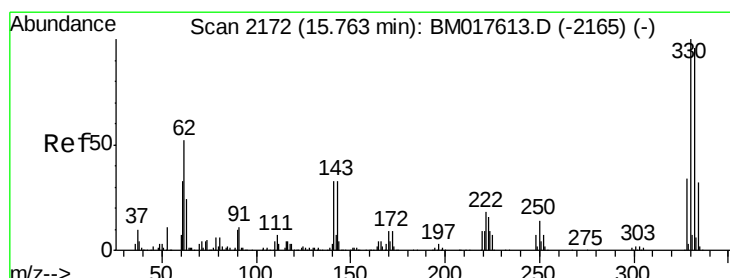
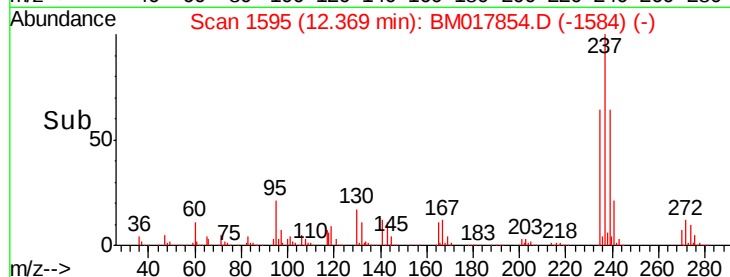
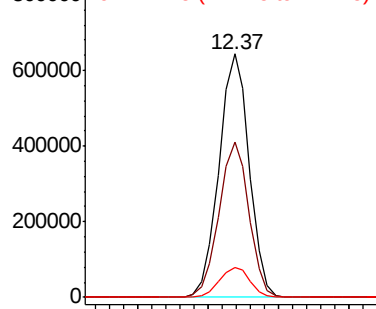
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	42.2	82.2
272	12.3	0.0	32.6

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM

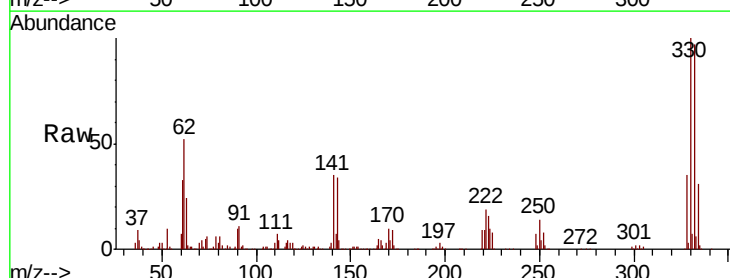


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

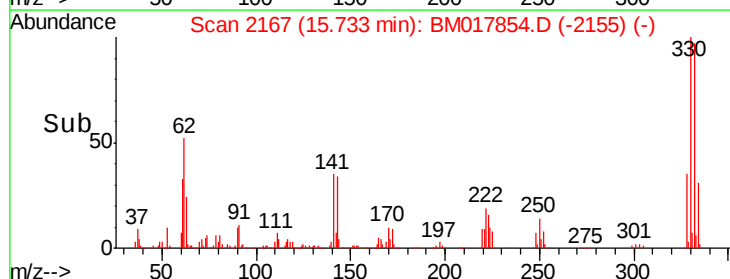
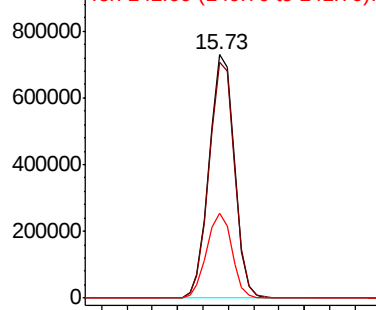


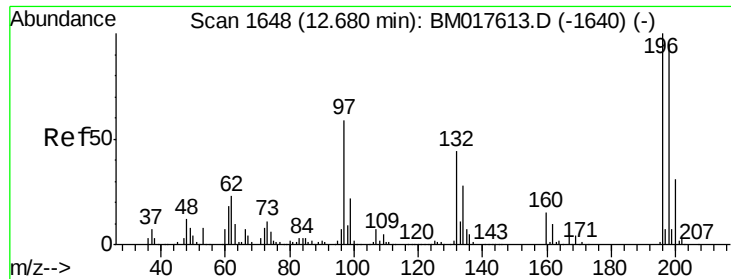
#42
2,4,6-Tribromophenol
Concen: 132.057 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	77.9	116.9
141	34.9	27.5	41.3



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





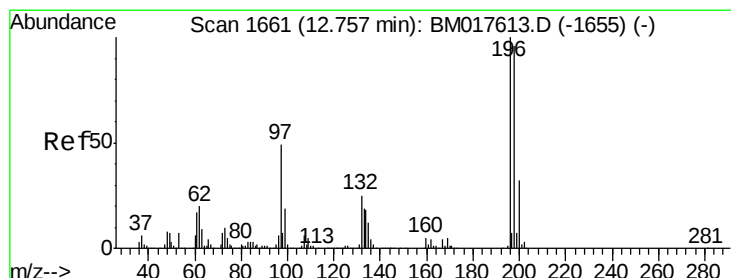
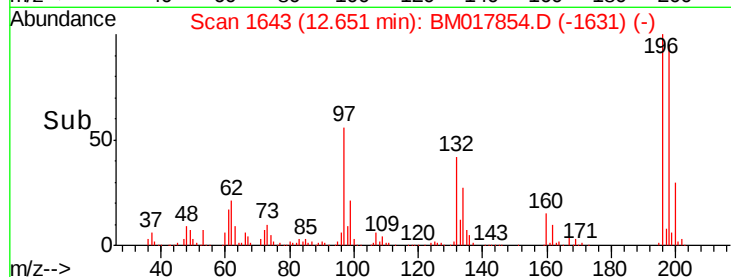
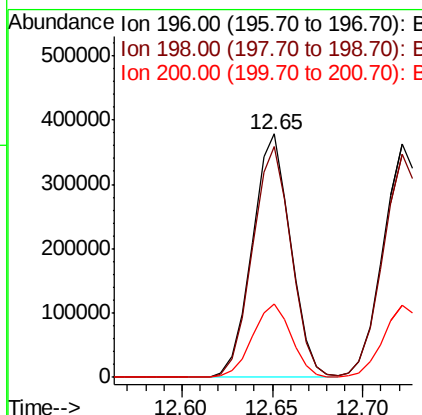
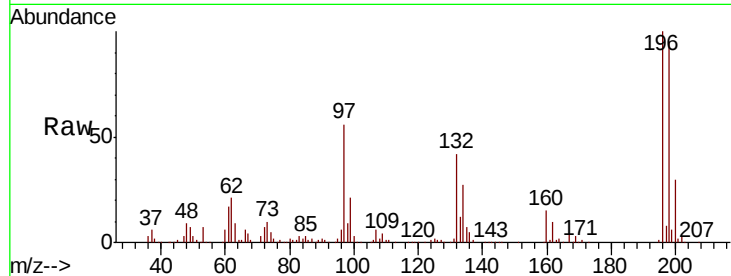
#43
 2,4,6-Trichlorophenol
 Concen: 47.710 ng
 RT: 12.65 min Scan# 1643
 Delta R.T. -0.03 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	557882		
198	94.8	75.6	113.4	
200	30.3	24.8	37.2	

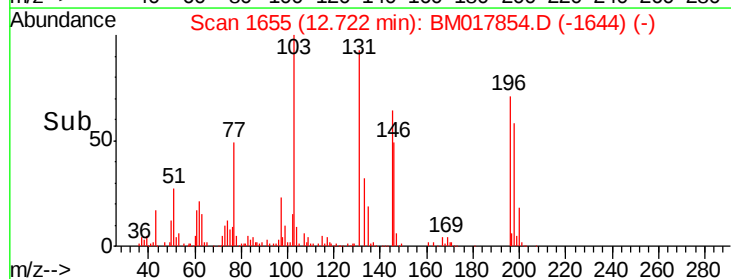
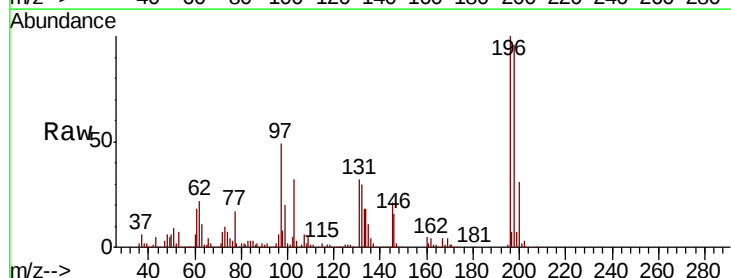
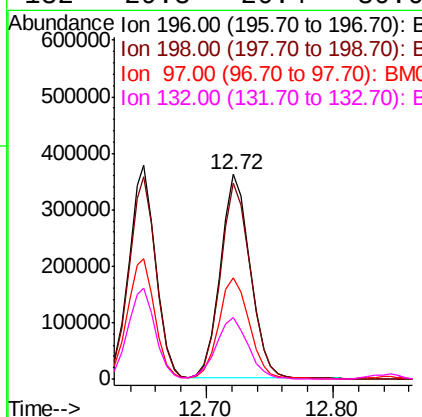
Manual Integrations
 APPROVED

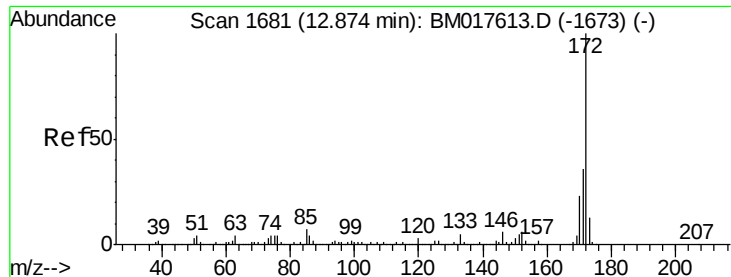
mohammad
 12/3/2018 4:58:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.785 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	589972		
198	95.6	76.8	115.2	
97	49.2	39.0	58.6	
132	29.8	20.4	30.6	





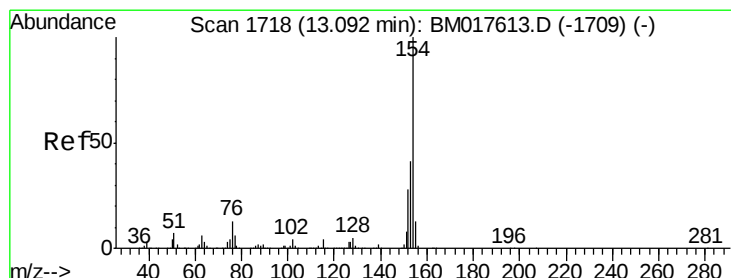
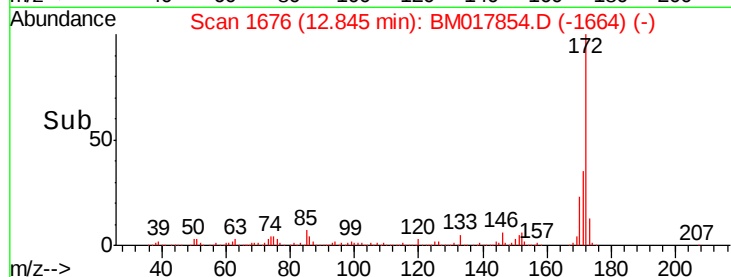
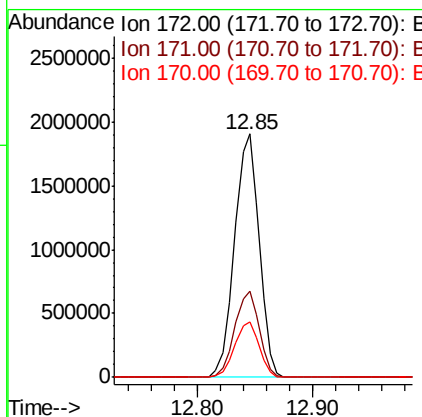
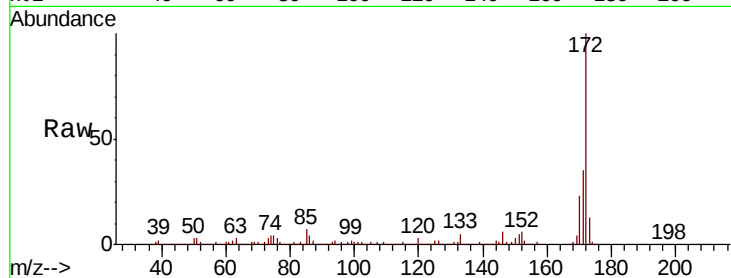
#45
2-Fluorobiphenyl
Concen: 68.579 ng
RT: 12.85 min Scan# 1676
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	23.0	18.3	27.5

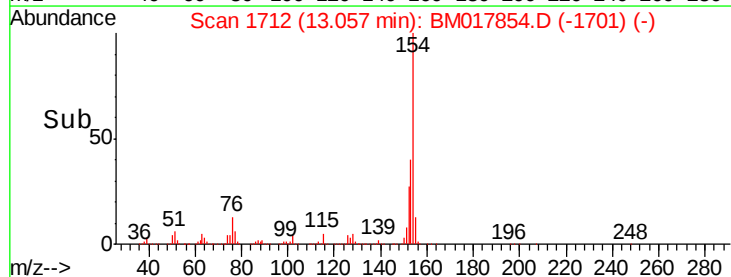
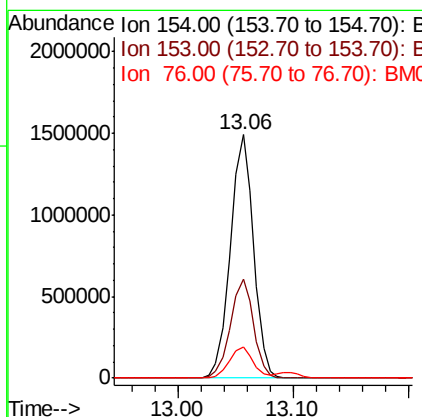
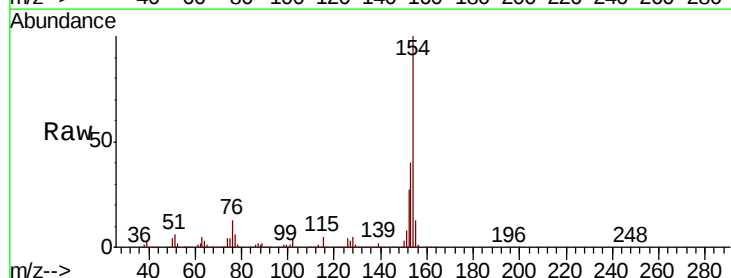
Manual Integrations
APPROVED

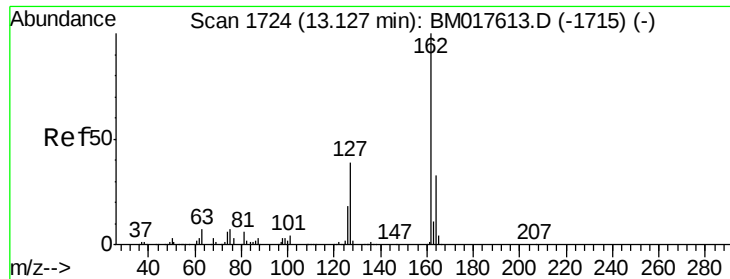
mohammad
12/3/2018 4:58:30 PM



#46
1,1'-Biphenyl
Concen: 43.352 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	12.6	0.0	32.8





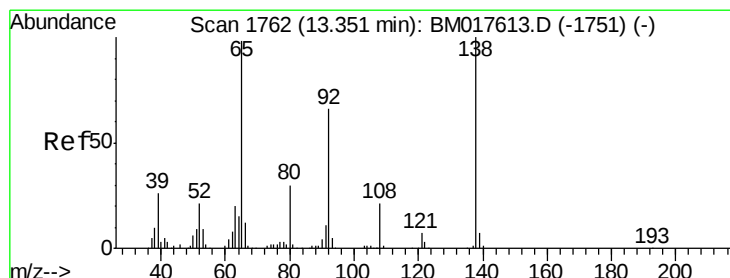
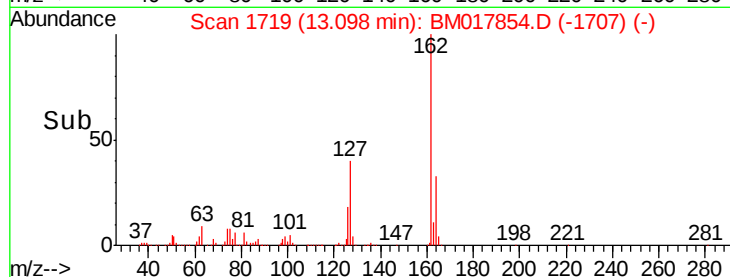
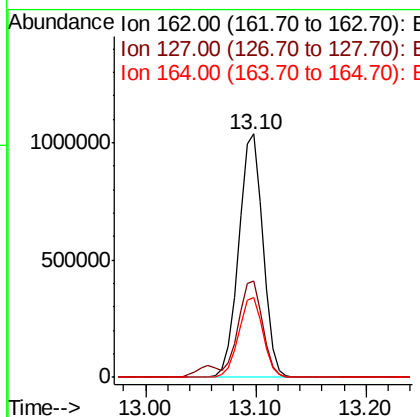
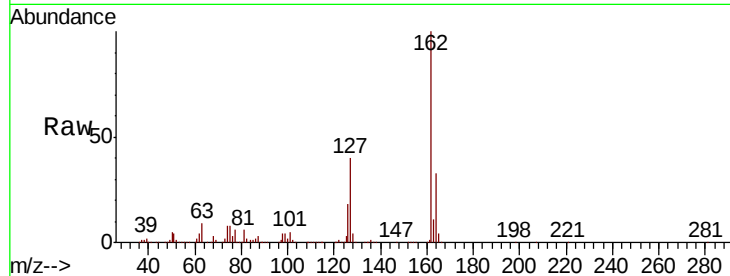
#47
 2-Chloronaphthalene
 Concen: 45.246 ng
 RT: 13.10 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.6	48.8
164	32.8	26.5	39.7

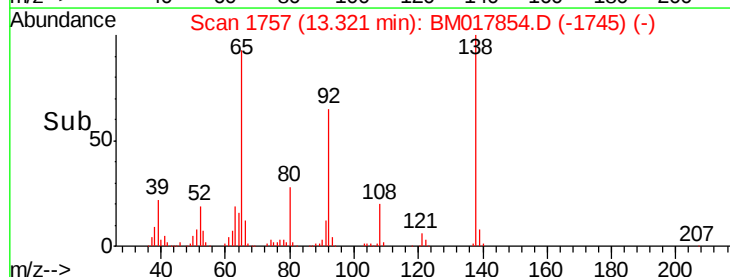
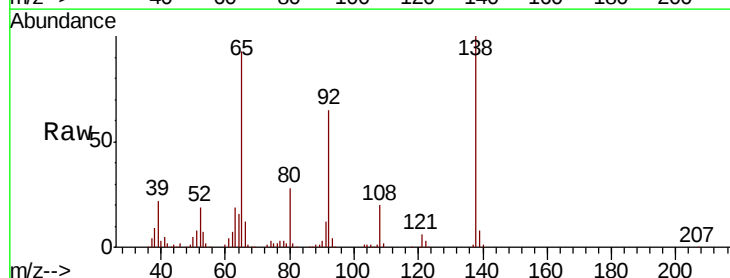
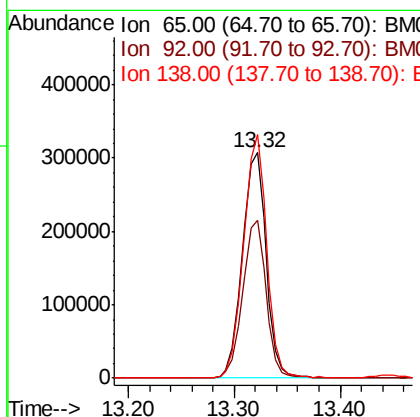
Manual Integrations
 APPROVED

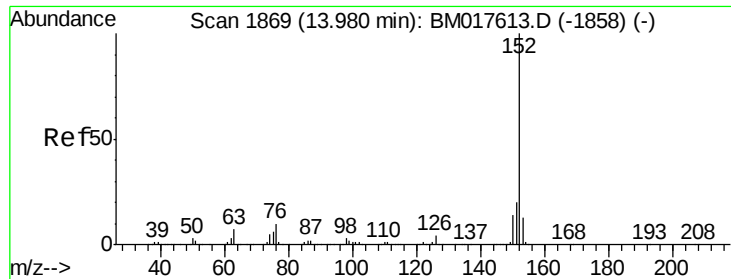
mohammad
 12/3/2018 4:58:30 PM



#48
 2-Nitroaniline
 Concen: 44.181 ng
 RT: 13.32 min Scan# 1757
 Delta R.T. -0.03 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	53.7	80.5
138	108.1	81.5	122.3





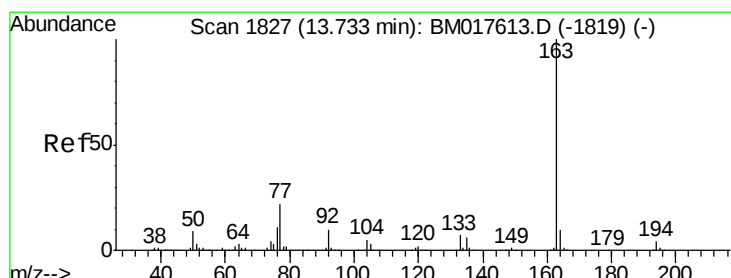
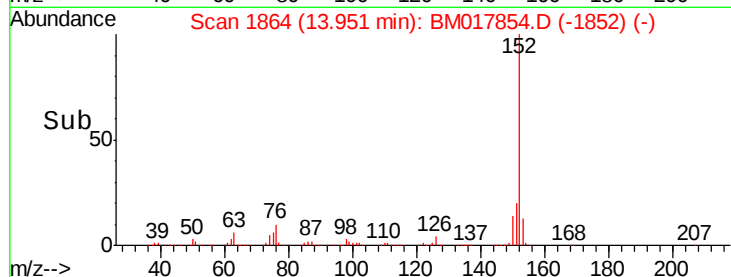
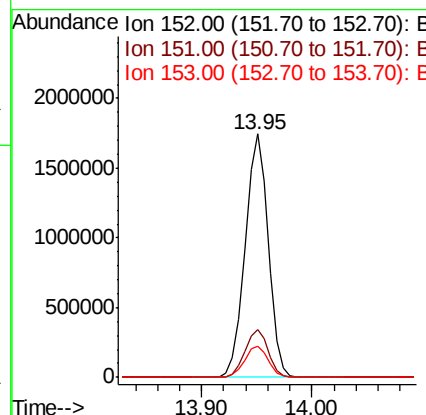
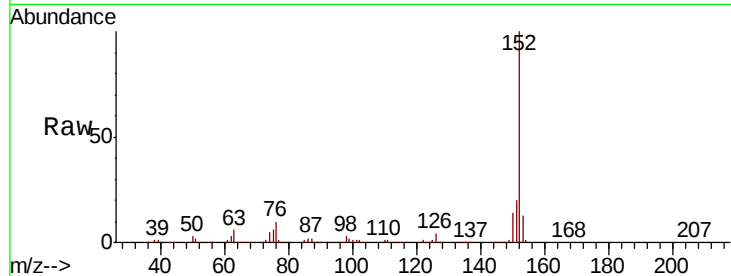
#49
Acenaphthylene
Concen: 48.291 ng
RT: 13.95 min Scan# 1864
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.0	10.5	15.7

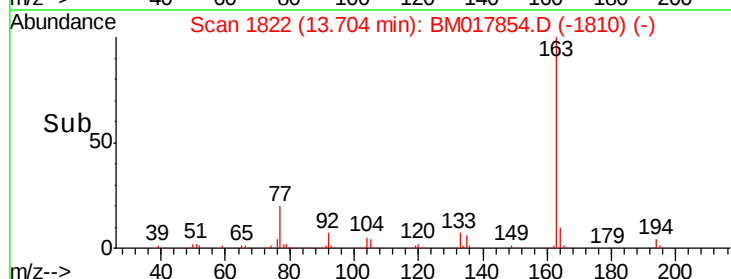
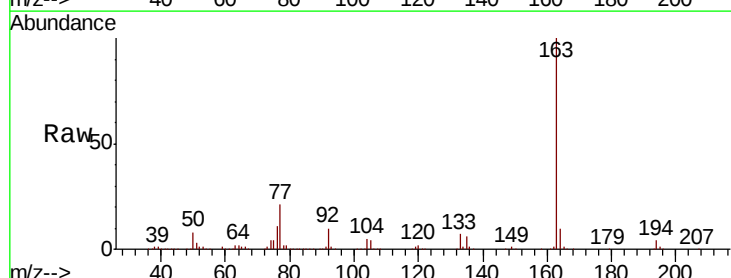
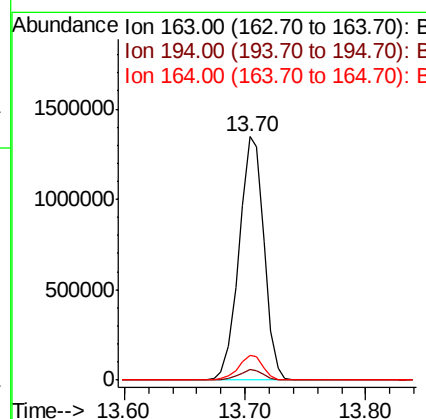
Manual Integrations
APPROVED

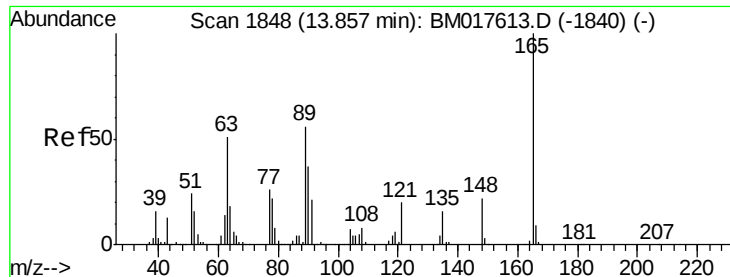
mohammad
12/3/2018 4:58:30 PM



#50
Dimethylphthalate
Concen: 44.952 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.3	8.2	12.4





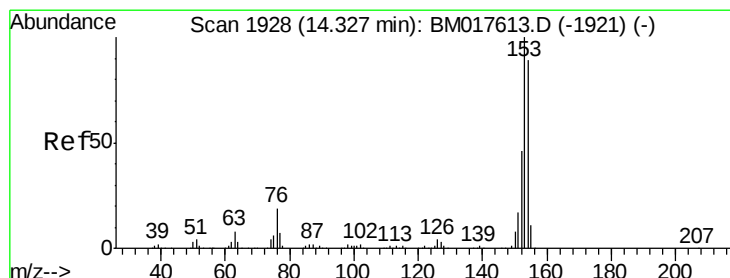
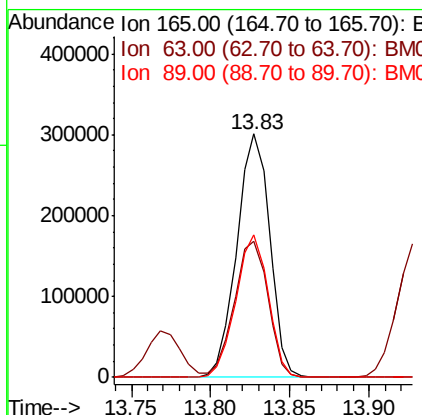
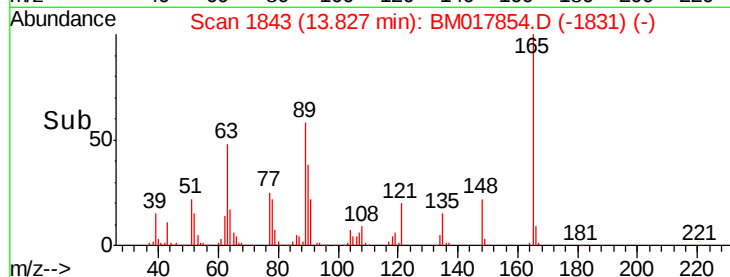
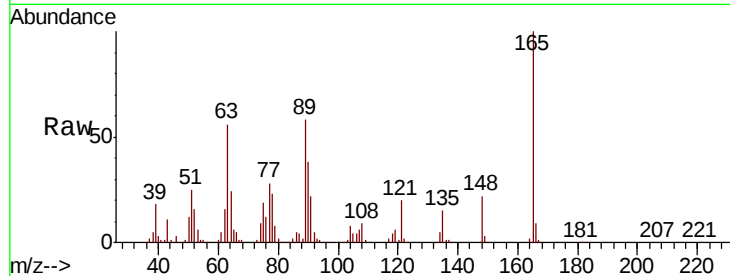
#51
2,6-Dinitrotoluene
Concen: 45.273 ng
RT: 13.83 min Scan# 1843
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.1	47.3	70.9
89	58.3	44.8	67.2

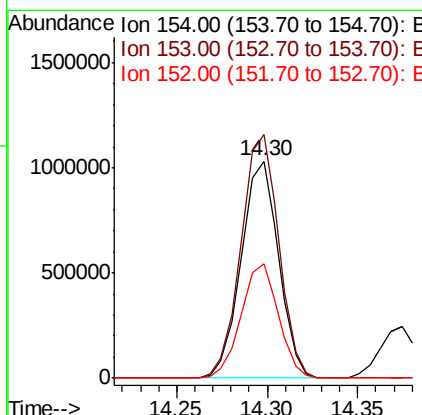
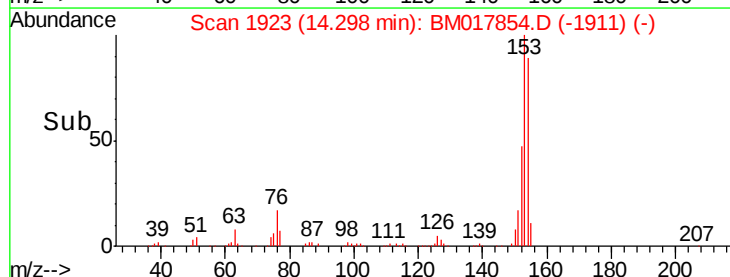
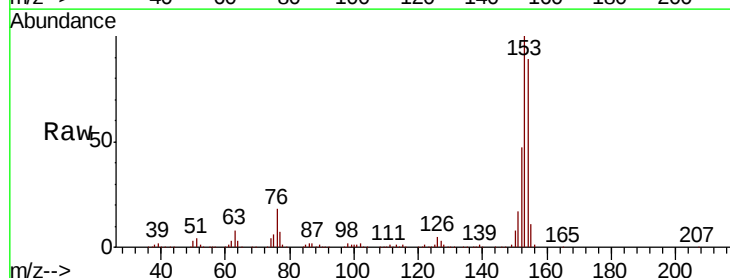
Manual Integrations
APPROVED

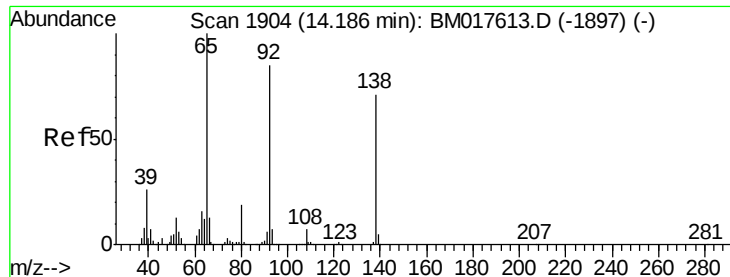
mohammad
12/3/2018 4:58:30 PM



#52
Acenaphthene
Concen: 45.531 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.2	135.4
152	52.6	41.6	62.4





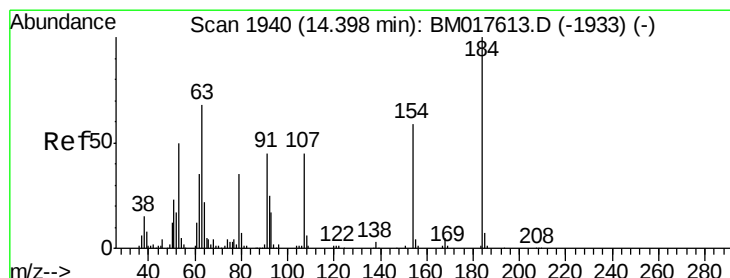
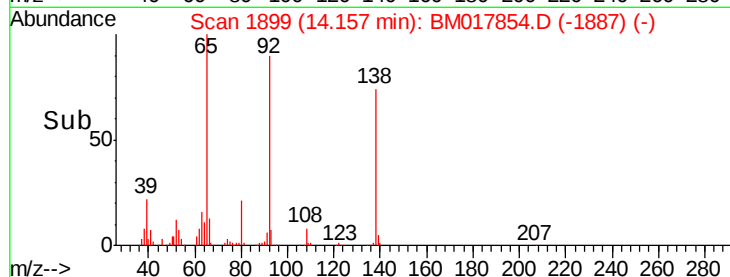
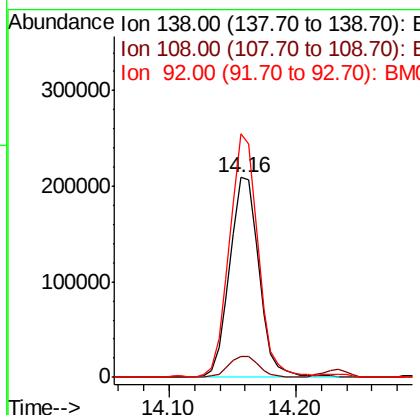
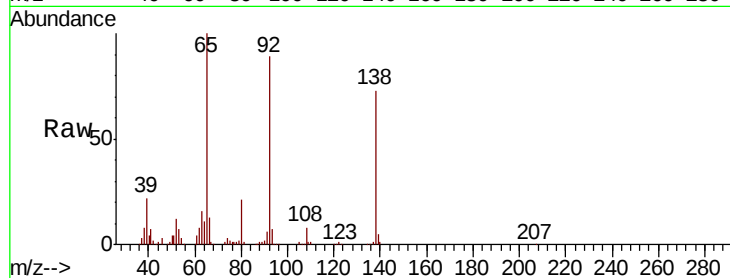
#53
3-Nitroaniline
Concen: 32.141 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.2	12.2
92	121.8	95.4	143.2

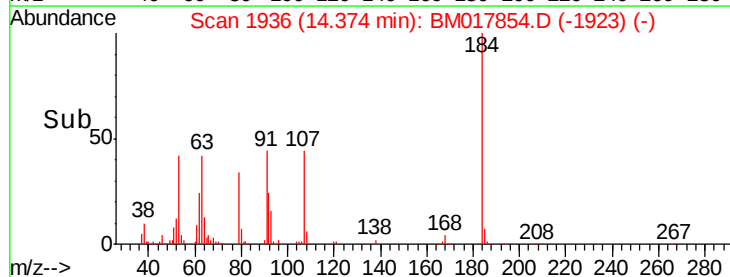
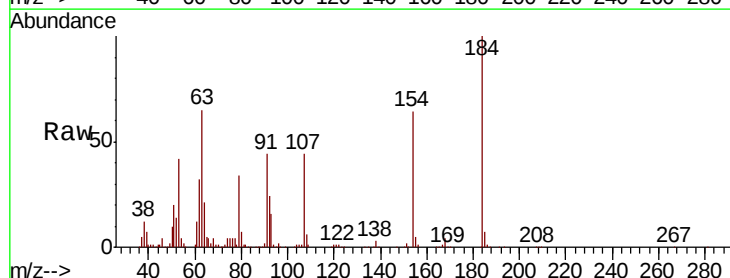
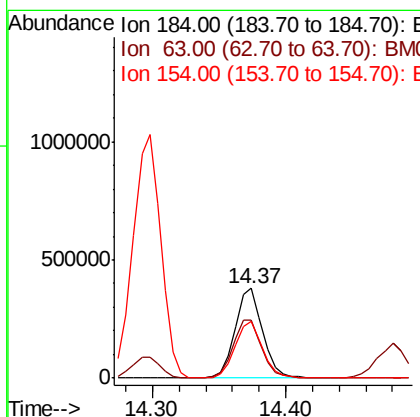
Manual Integrations
APPROVED

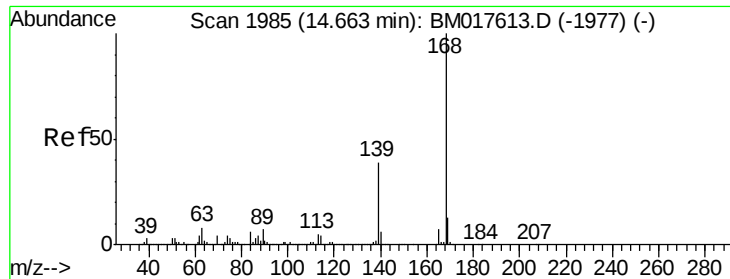
mohammad
12/3/2018 4:58:30 PM



#54
2,4-Dinitrophenol
Concen: 91.626 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	55.1	82.7
154	63.7	51.3	76.9





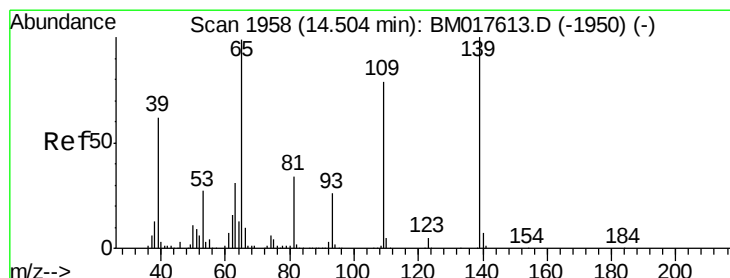
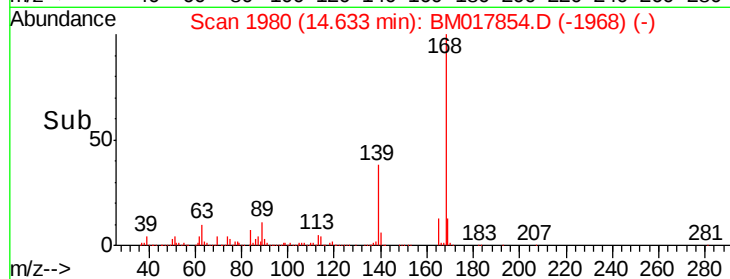
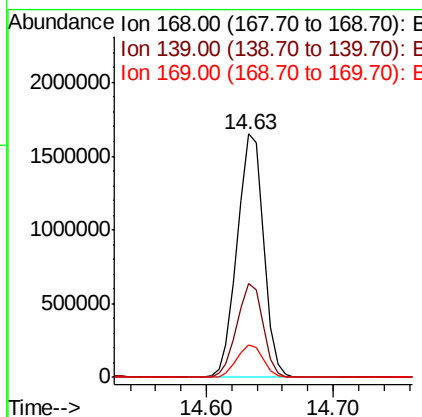
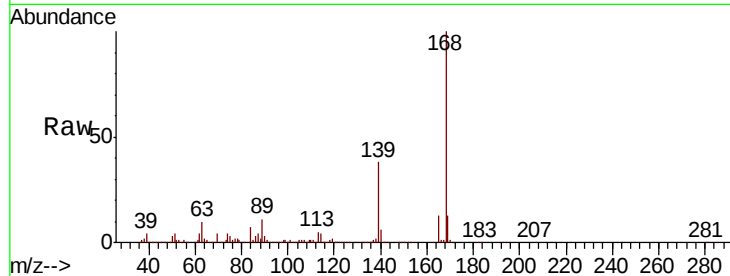
#55
Dibenzofuran
Concen: 44.554 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.0	46.6
169	13.4	10.6	16.0

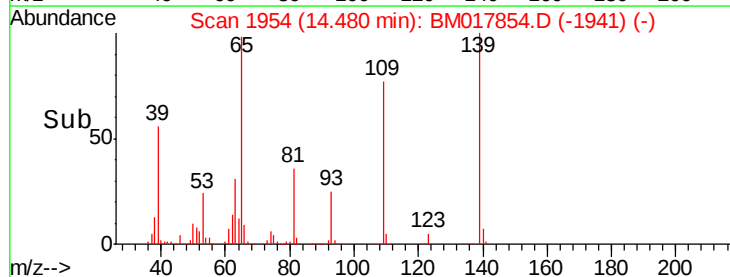
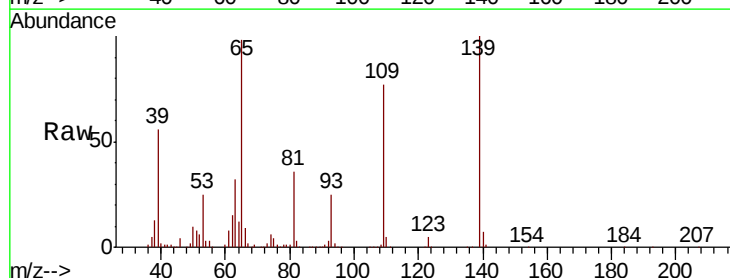
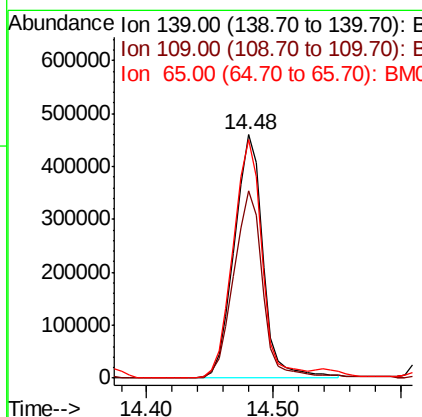
Manual Integrations
APPROVED

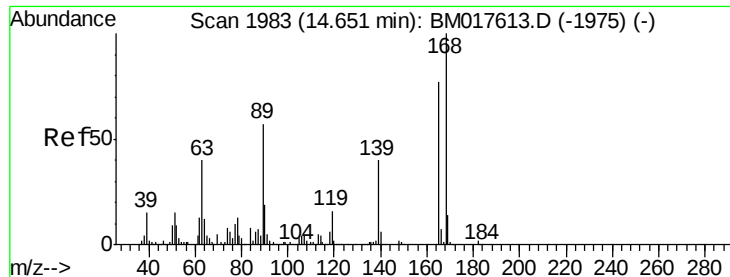
mohammad
12/3/2018 4:58:30 PM



#56
4-Nitrophenol
Concen: 82.102 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.0	58.6	98.6
65	97.9	79.5	119.5





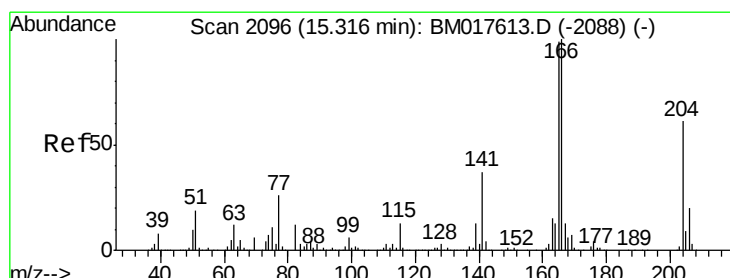
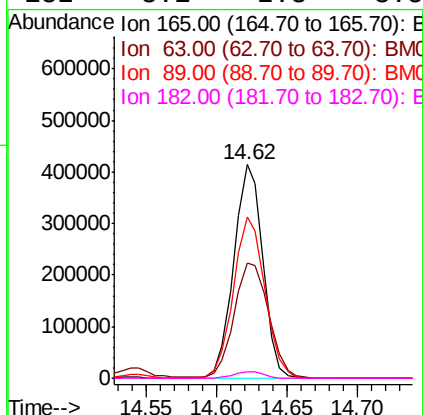
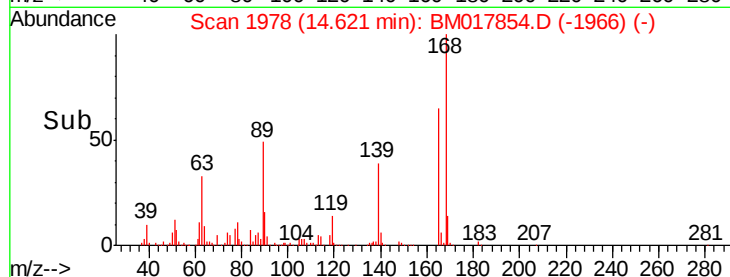
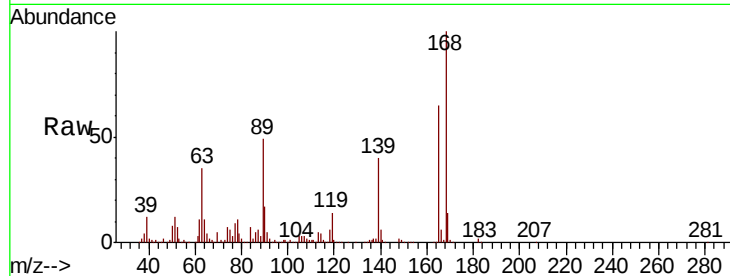
#57
2,4-Dinitrotoluene
Concen: 45.703 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	590469		
63	53.8	41.8	62.8	
89	75.6	59.5	89.3	
182	3.1	2.3	3.5	

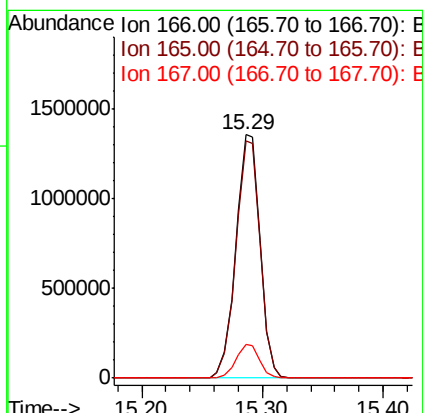
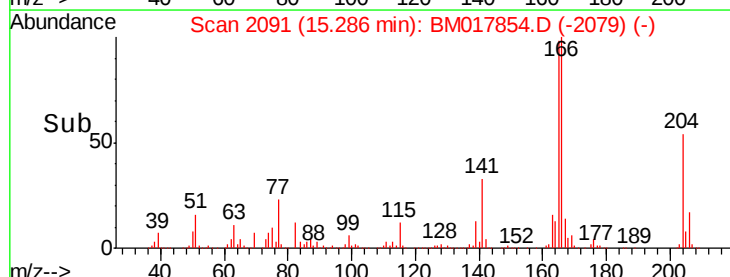
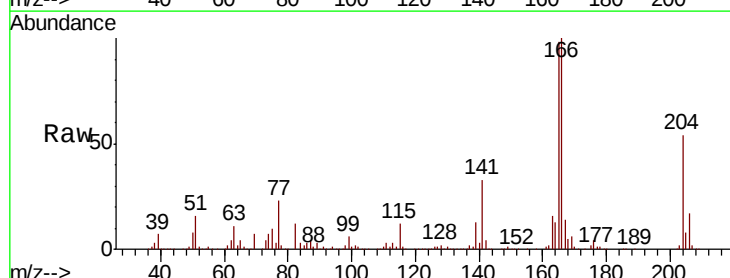
Manual Integrations
APPROVED

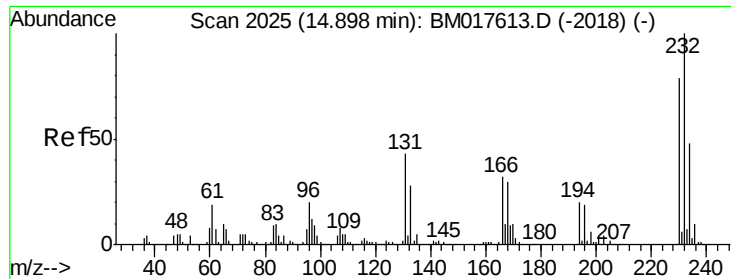
mohammad
12/3/2018 4:58:30 PM



#58
Fluorene
Concen: 46.606 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1896282		
165	97.6	79.0	118.6	
167	13.6	10.8	16.2	





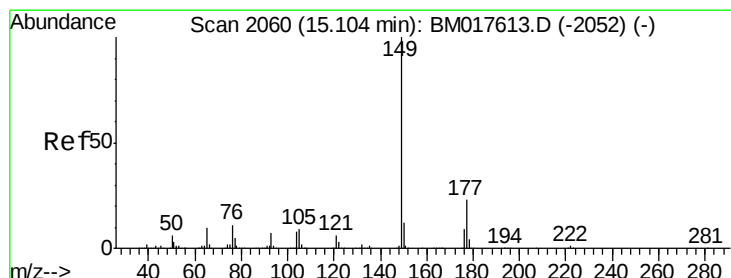
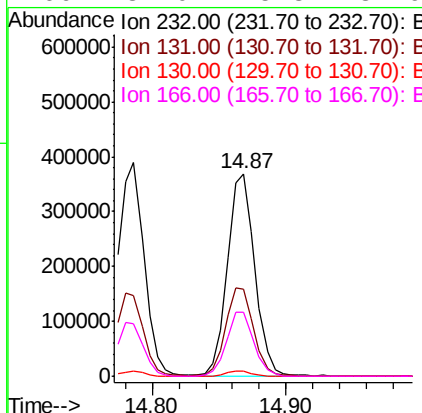
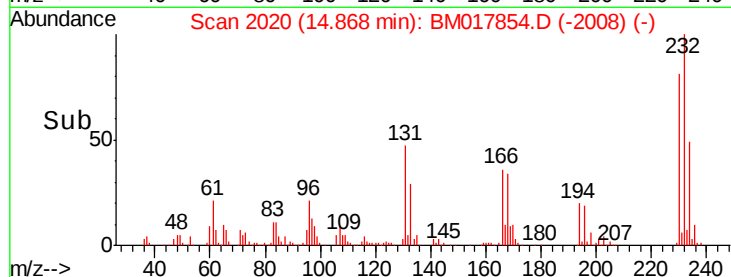
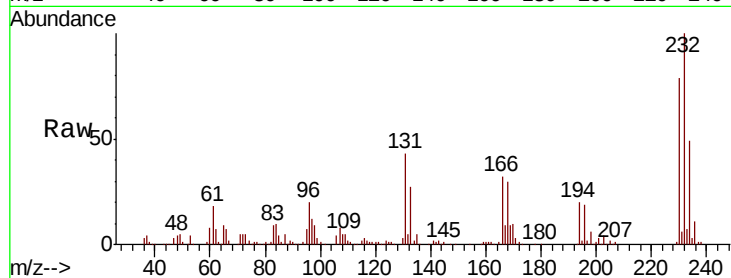
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.453 ng
 RT: 14.87 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	527520		
131	44.5	34.8	52.2	
130	2.5	1.9	2.9	
166	32.0	25.3	37.9	

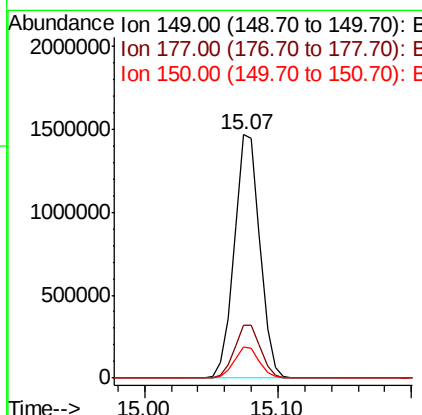
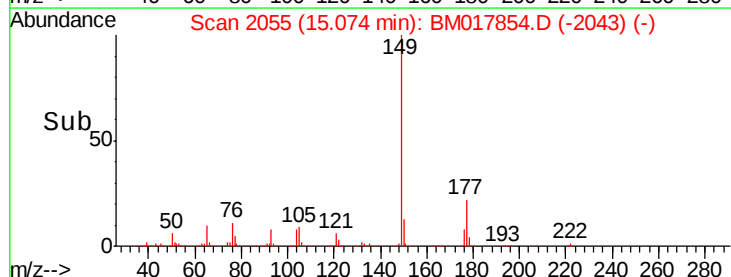
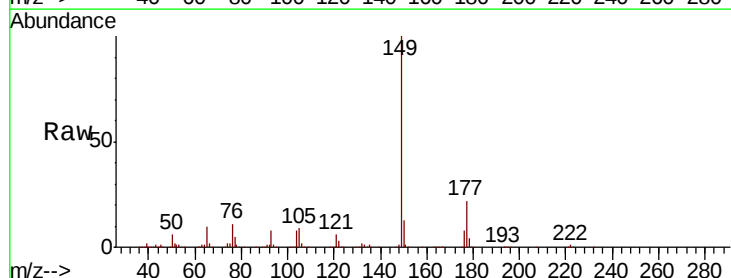
Manual Integrations
 APPROVED

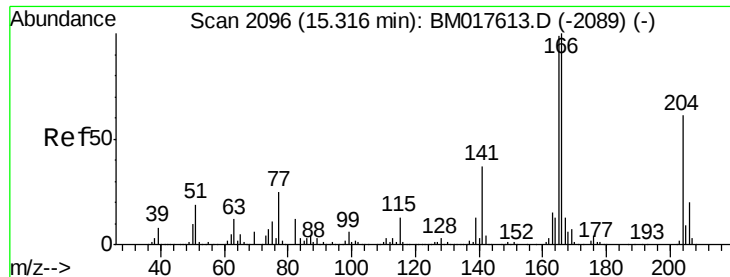
mohammad
 12/3/2018 4:58:30 PM



#60
 Diethylphthalate
 Concen: 42.059 ng
 RT: 15.07 min Scan# 2055
 Delta R.T. -0.03 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1956001		
177	21.9	18.1	27.1	
150	12.9	9.9	14.9	





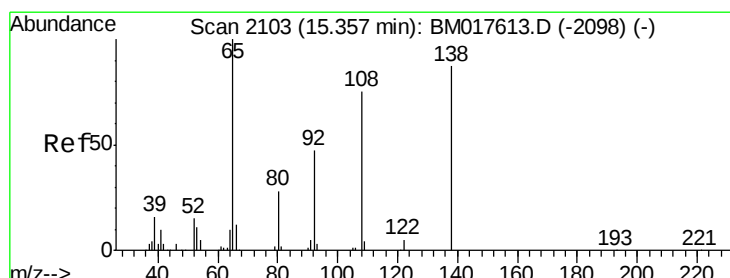
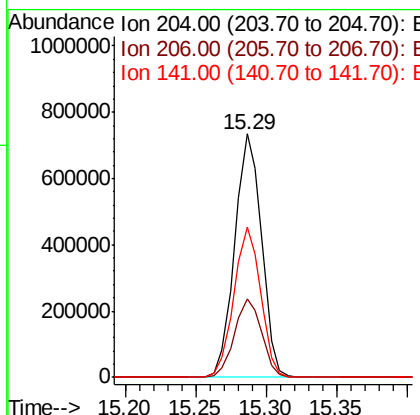
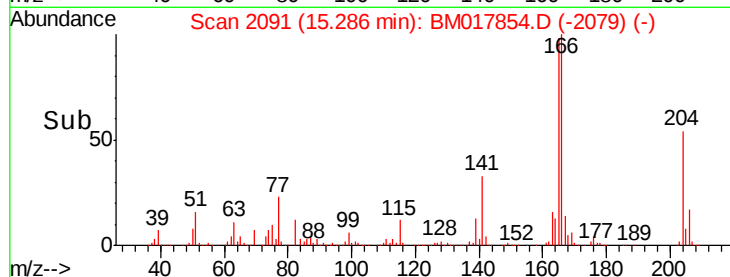
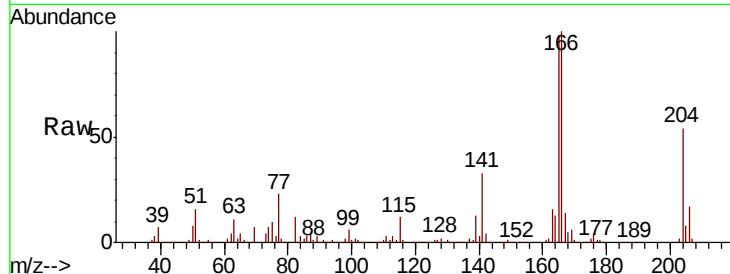
#61
 4-Chlorophenyl-phenylether
 Concen: 42.096 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.9	38.9
141	61.7	47.9	71.9

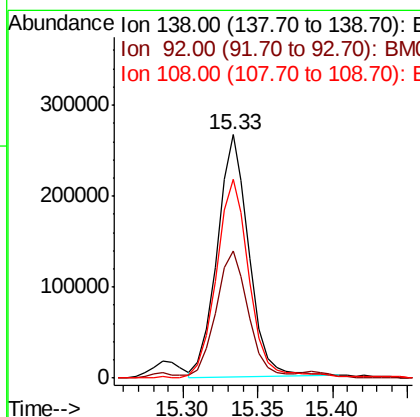
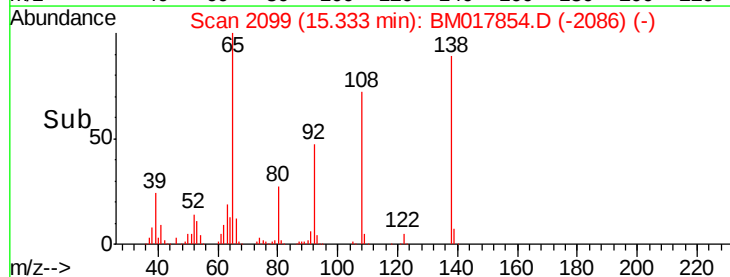
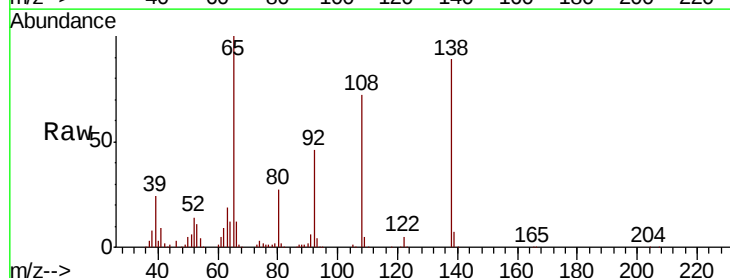
Manual Integrations
 APPROVED

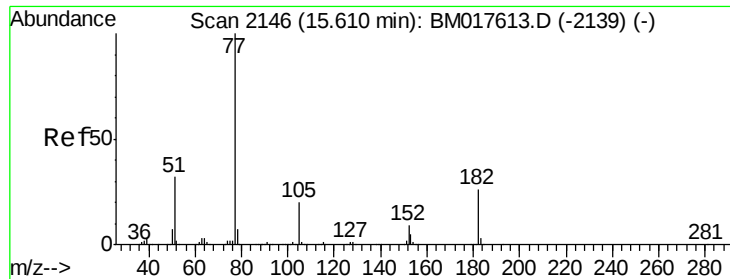
mohammad
 12/3/2018 4:58:30 PM



#62
 4-Nitroaniline
 Concen: 40.066 ng
 RT: 15.33 min Scan# 2099
 Delta R.T. -0.02 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	33.4	73.4
108	81.5	64.3	104.3





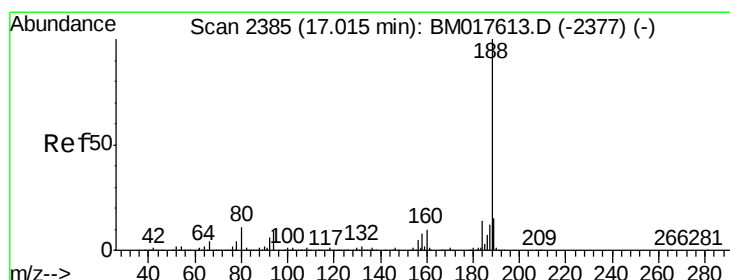
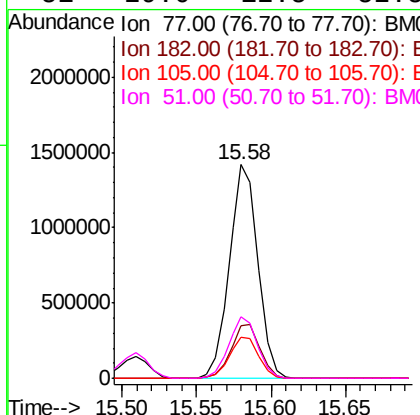
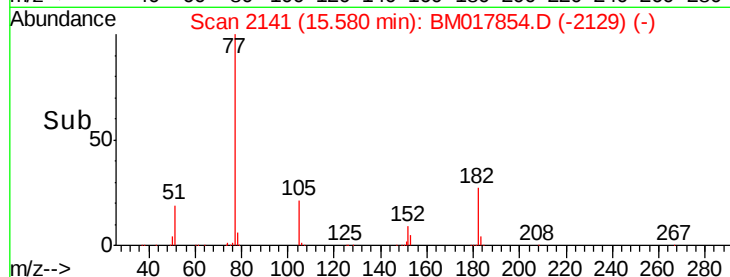
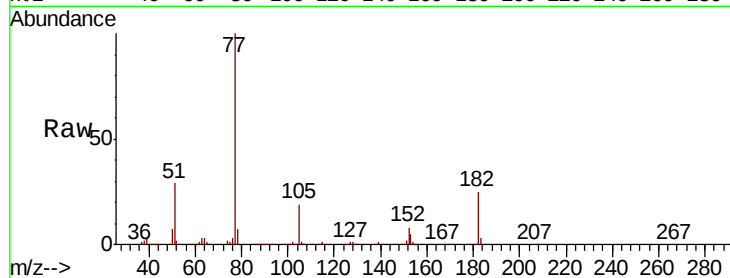
#63
Azobenzene
Concen: 44.019 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion:	77	Resp:	1892449
Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.8	45.8
105	19.0	0.0	40.0
51	29.0	12.5	52.5

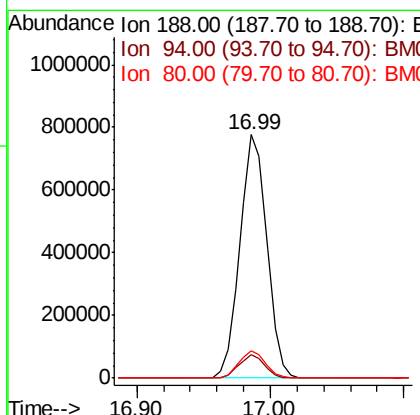
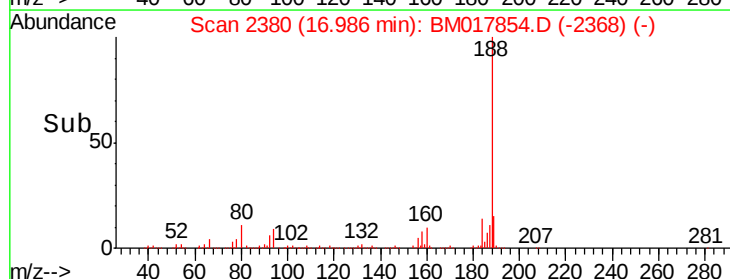
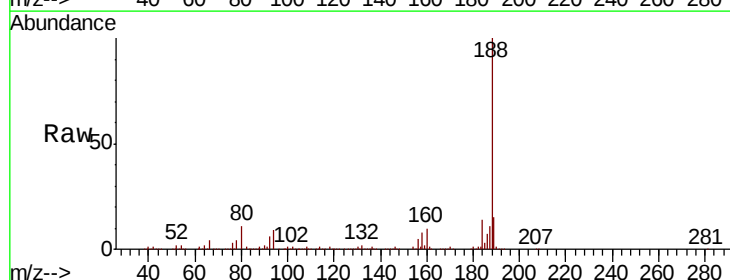
Manual Integrations
APPROVED

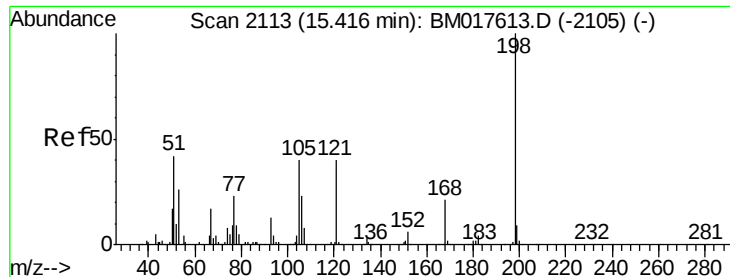
mohammad
12/3/2018 4:58:30 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion:	188	Resp:	1085164
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	11.1	8.6	13.0





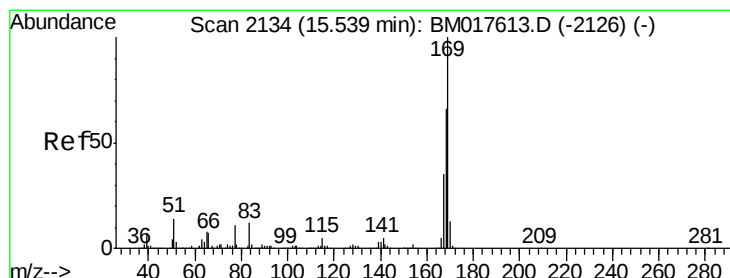
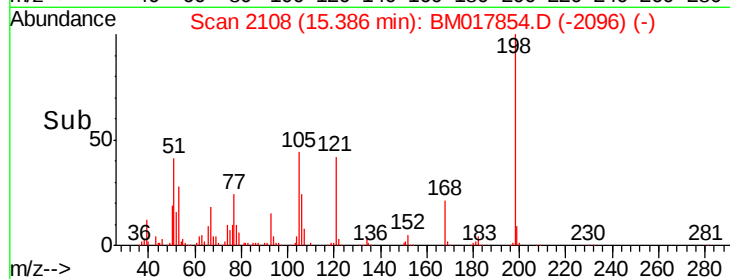
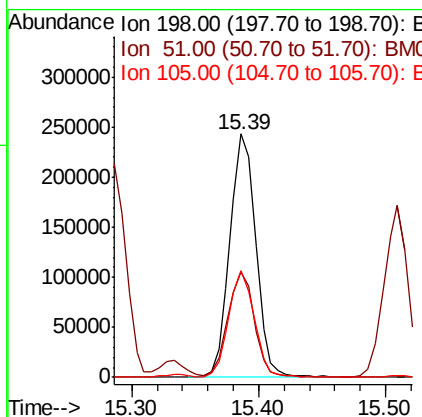
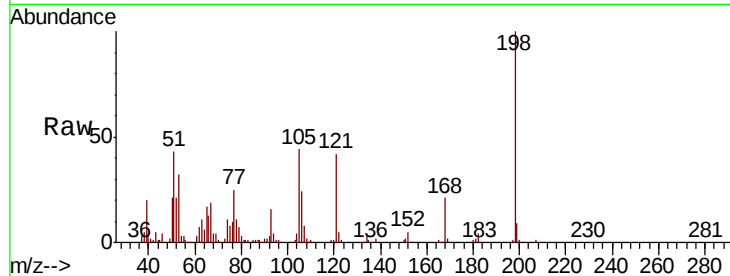
#65
4,6-Dinitro-2-methylphenol
Concen: 46.008 ng
RT: 15.39 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	345861		
51	43.2	25.9	65.9	
105	44.0	20.6	60.6	

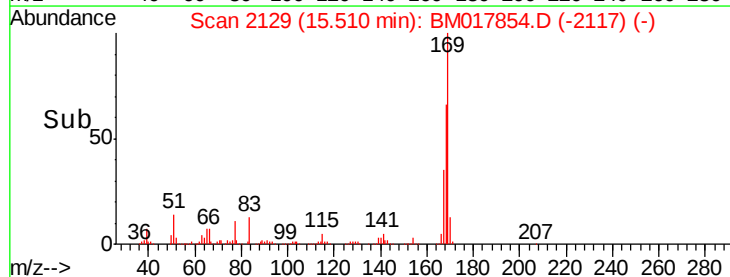
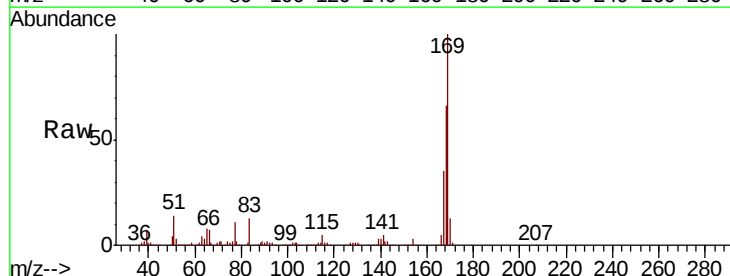
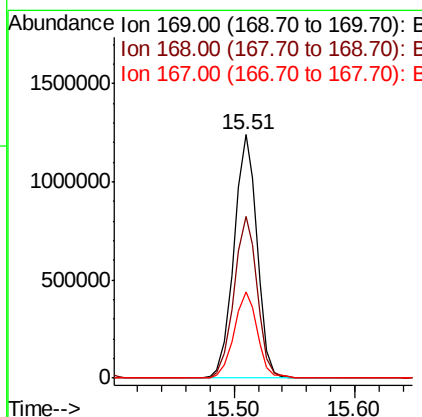
Manual Integrations
APPROVED

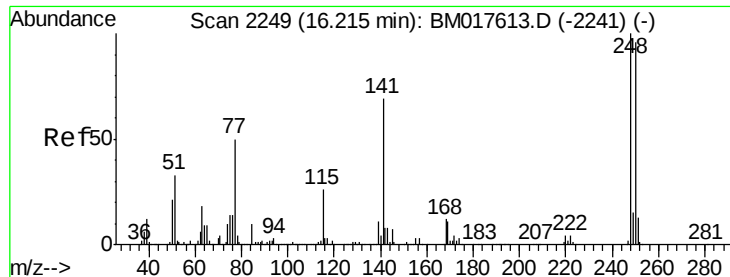
mohammad
12/3/2018 4:58:30 PM



#66
n-Nitrosodiphenylamine
Concen: 47.100 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1643291		
168	66.3	53.0	79.6	
167	35.4	28.0	42.0	





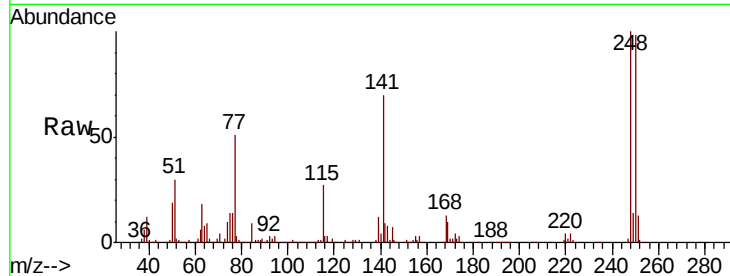
#67
4-Bromophenyl-phenylether
Concen: 45.729 ng
RT: 16.19 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.5	114.7
141	70.4	54.9	82.3

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM

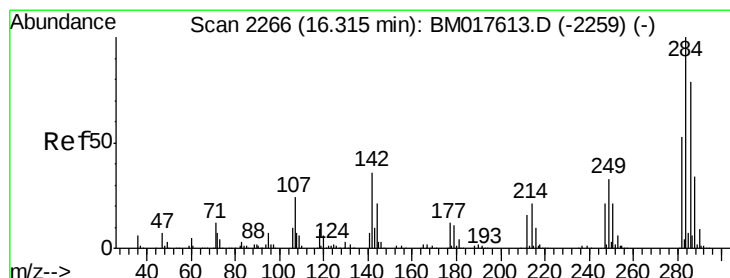
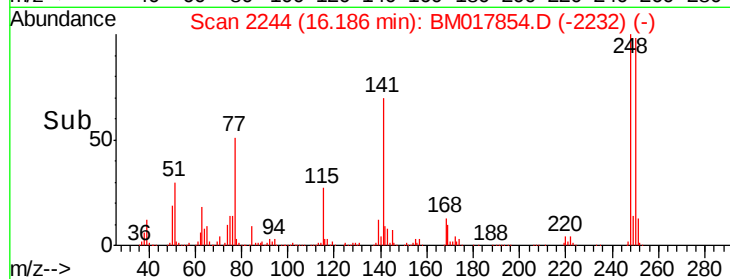
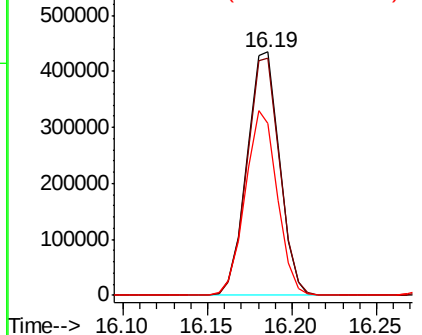


Abundance

Ion 248.00 (247.70 to 248.70): E

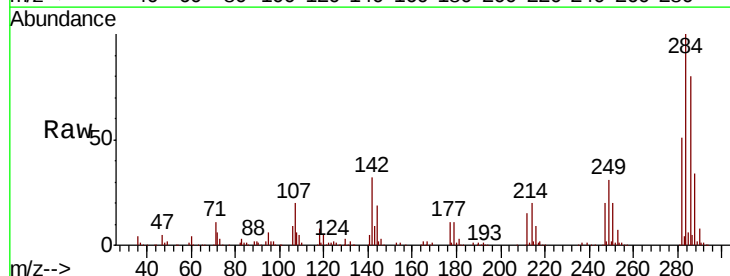
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.105 ng
RT: 16.29 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	28.4	42.6
249	31.1	26.4	39.6

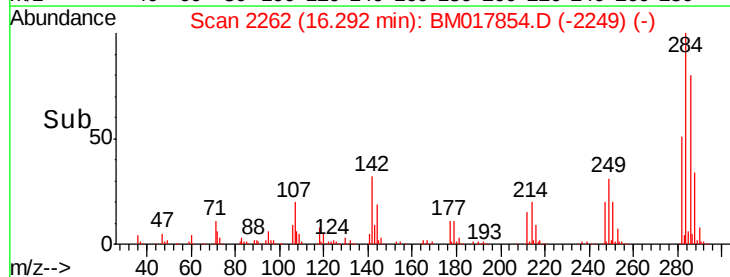
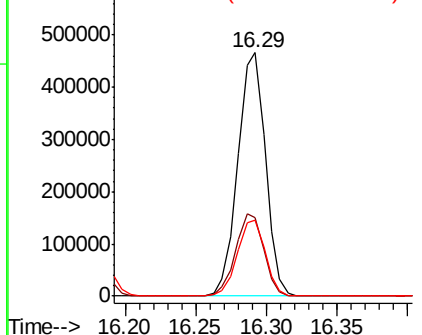


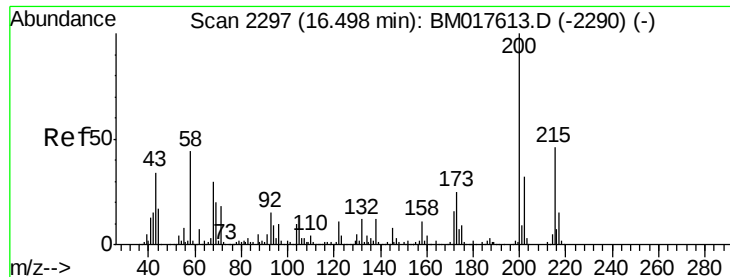
Abundance

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





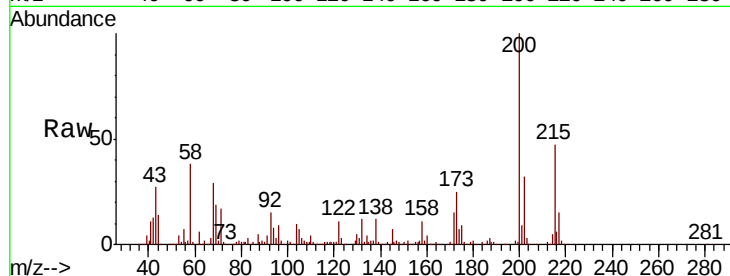
#69
 Atrazine
 Concen: 43.948 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

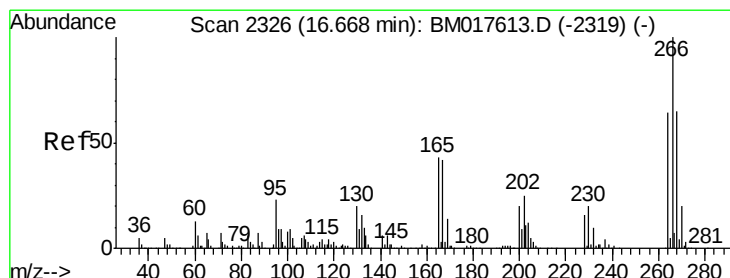
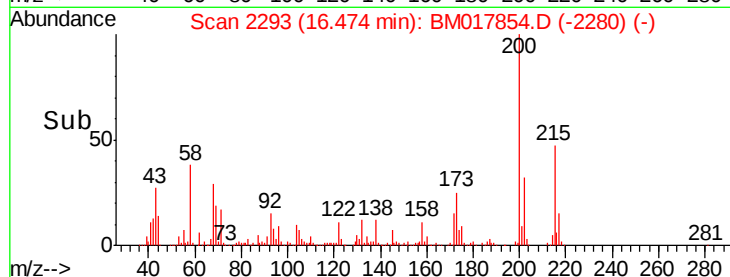
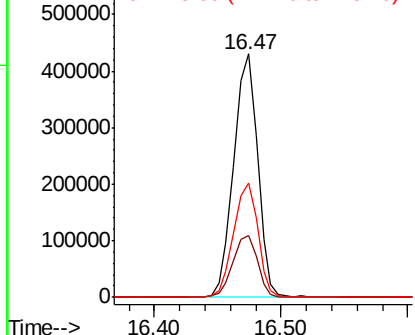
Tot Ion:	200	Resp:	563953
Ion Ratio	Lower	Upper	
200	100		
173	25.4	5.1	45.1
215	47.1	25.8	65.8

Manual Integrations
 APPROVED

mohammad
 12/3/2018 4:58:30 PM

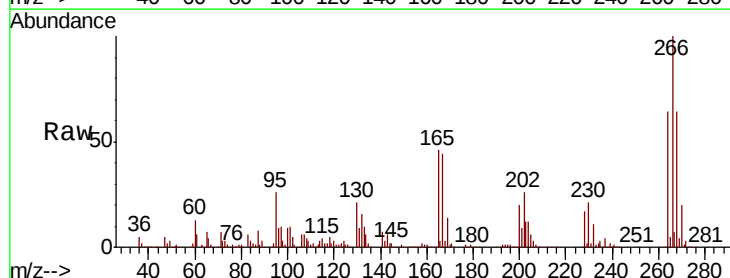


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

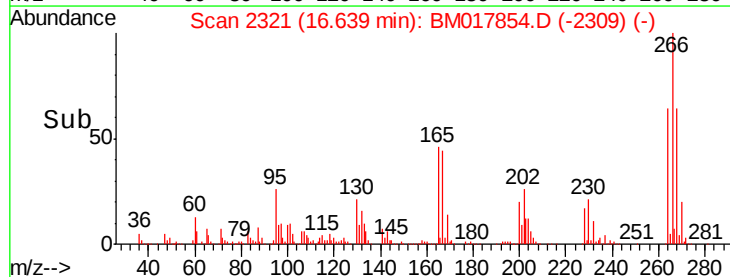
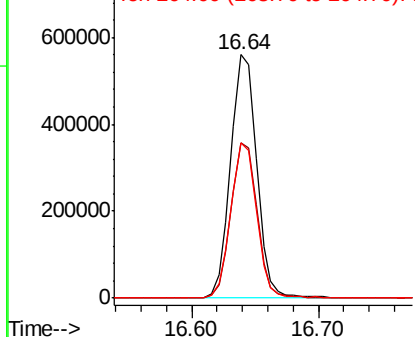


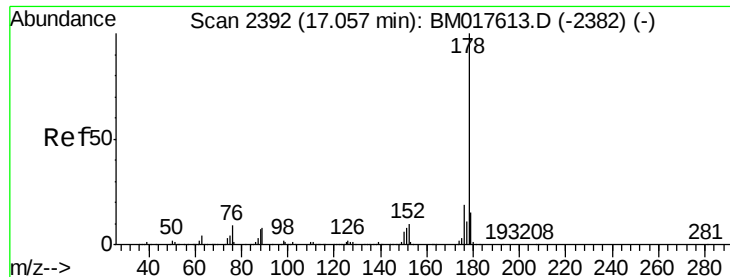
#70
 Pentachlorophenol
 Concen: 78.854 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.03 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Tgt Ion:	266	Resp:	799389
Ion Ratio	Lower	Upper	
266	100		
268	63.8	51.7	77.5
264	63.6	51.3	76.9



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





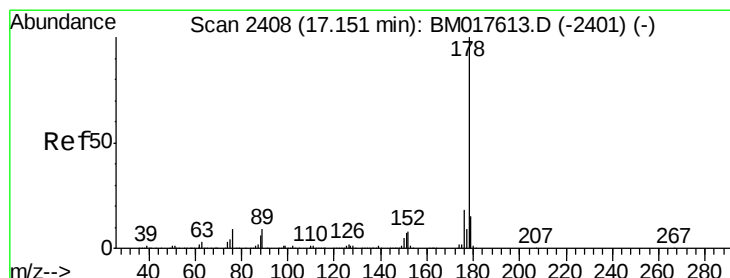
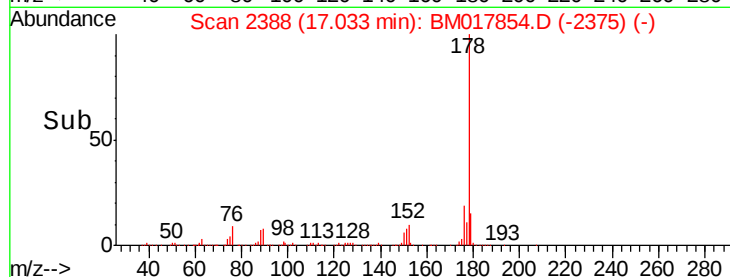
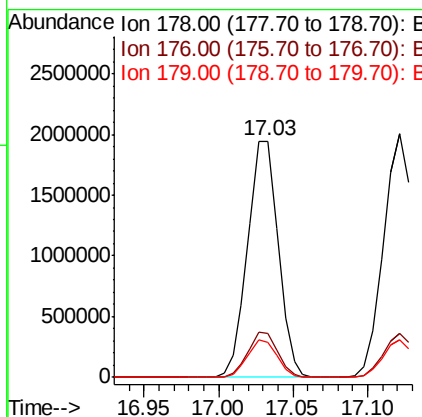
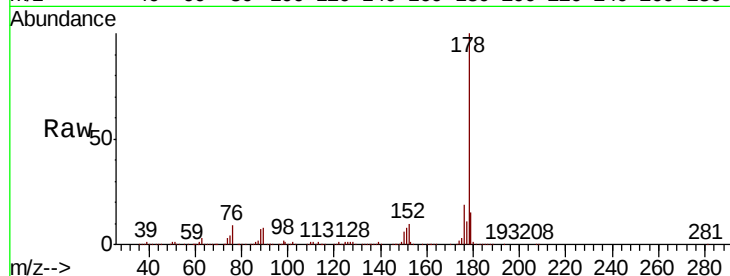
#71
Phenanthrene
Concen: 47.146 ng
RT: 17.03 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.1	12.4	18.6

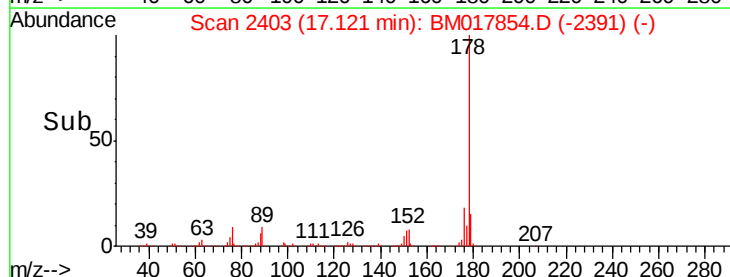
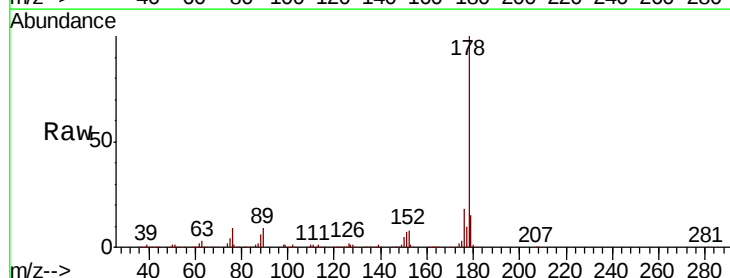
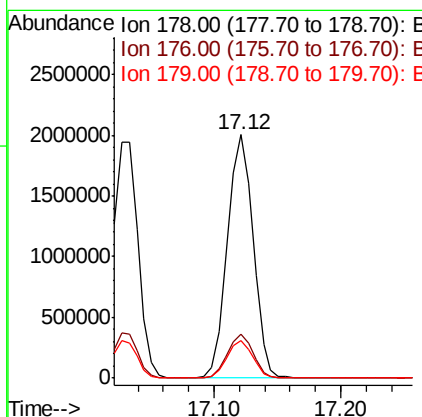
Manual Integrations
APPROVED

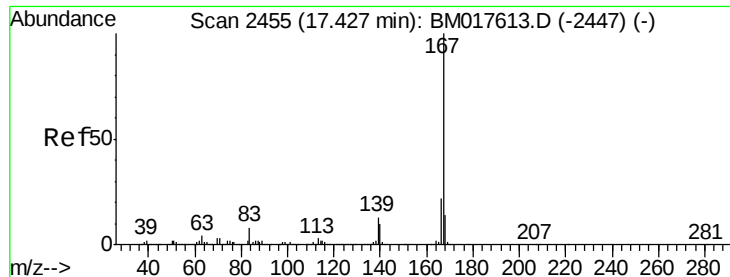
mohammad
12/3/2018 4:58:30 PM



#72
Anthracene
Concen: 49.054 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.3	12.3	18.5





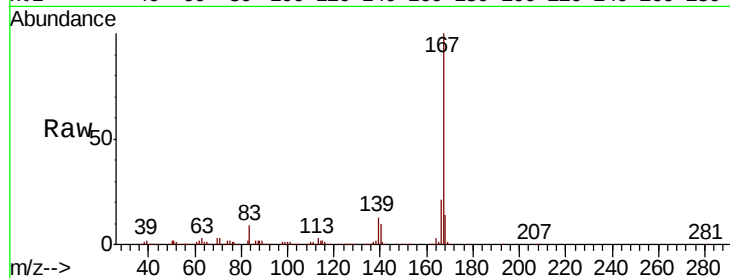
#73
 Carbazole
 Concen: 42.745 ng
 RT: 17.40 min Scan# 2450
 Delta R.T. -0.03 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.1	10.2	15.4

Manual Integrations
 APPROVED

mohammad
 12/3/2018 4:58:30 PM

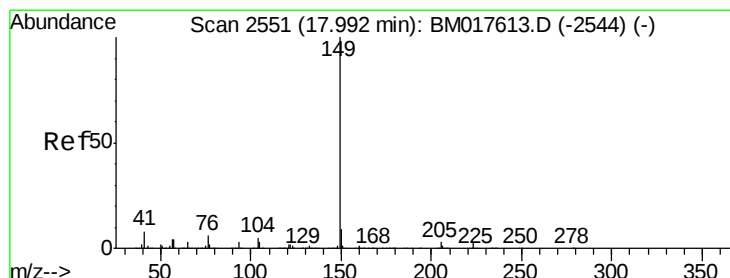
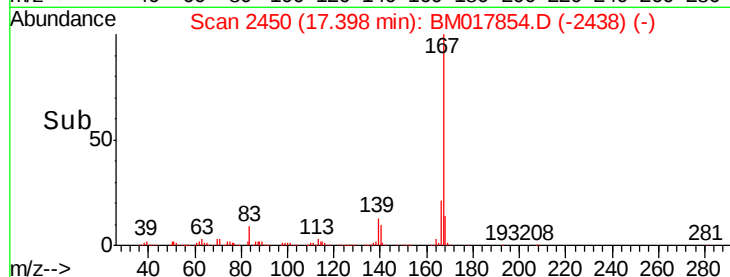
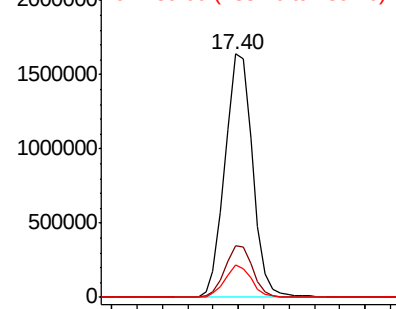


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 49.481 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

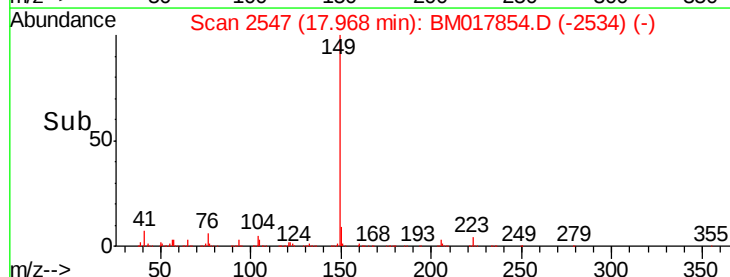
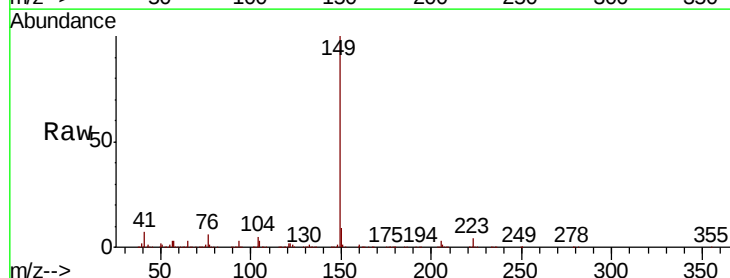
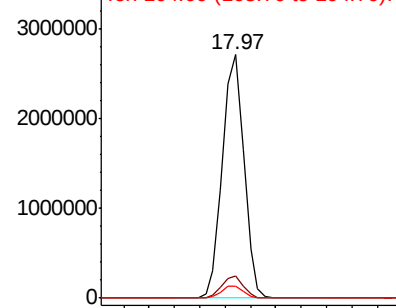
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.1	4.3	6.5

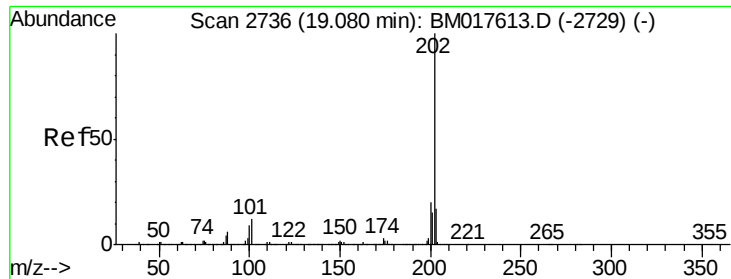
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.434 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Instrument :

BNA_M

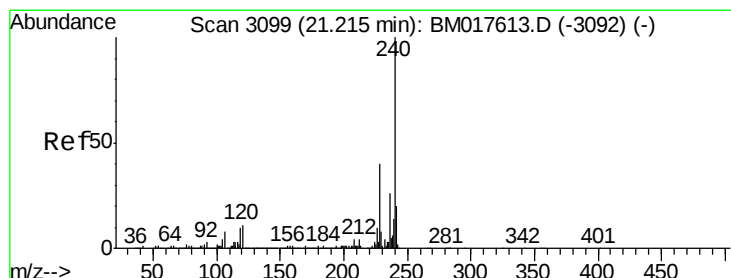
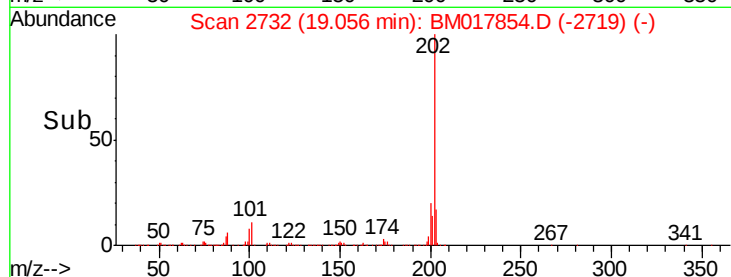
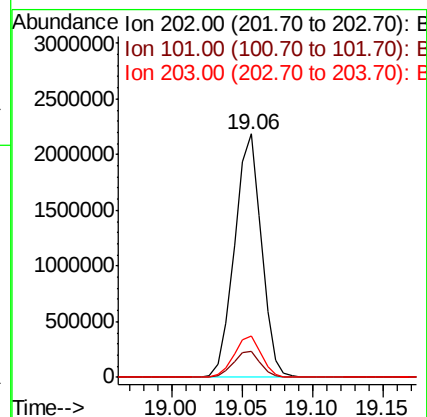
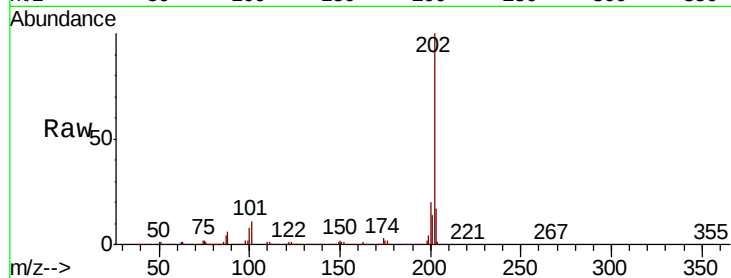
ClientSampleId :

PB115195BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.5
203	17.2	0.0	37.2

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM



#76

Chrysene-d12

Concen: 20.000 ng

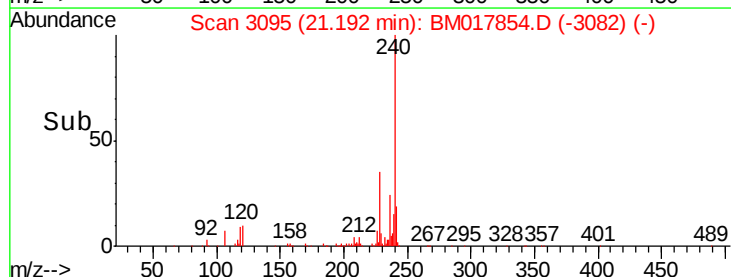
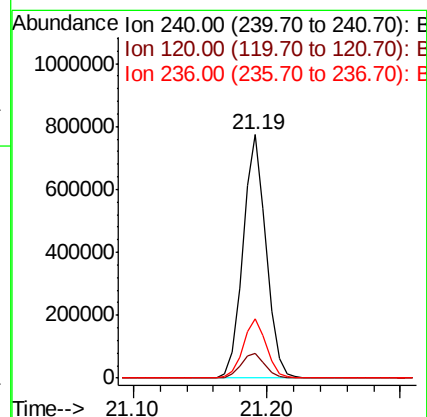
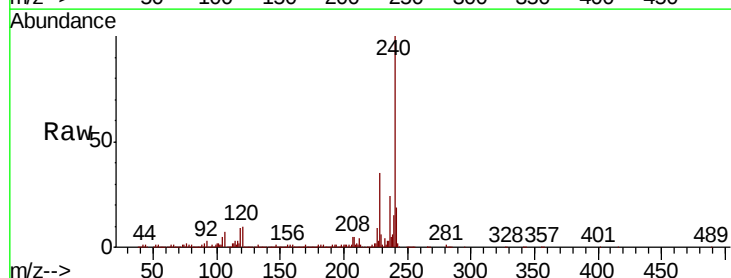
RT: 21.19 min Scan# 3095

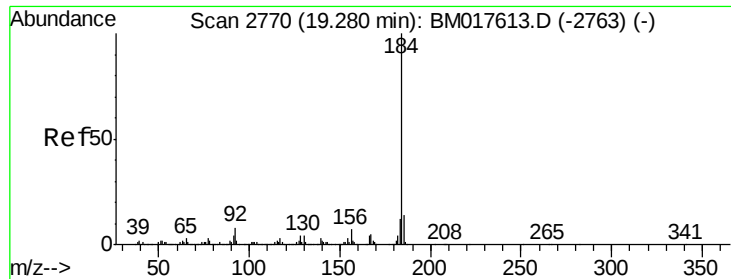
Delta R.T. -0.02 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.5	12.7
236	24.3	20.4	30.6





#77

Benzidine

Concen: 37.083 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Instrument :

BNA_M

ClientSampleId :

PB115195BSD

Tot Ion:184 Resp: 1111649

Ion Ratio Lower Upper

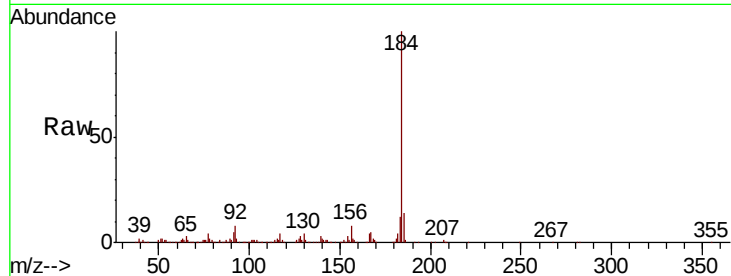
184 100

185 13.8 11.2 16.8

183 11.7 9.5 14.3

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM

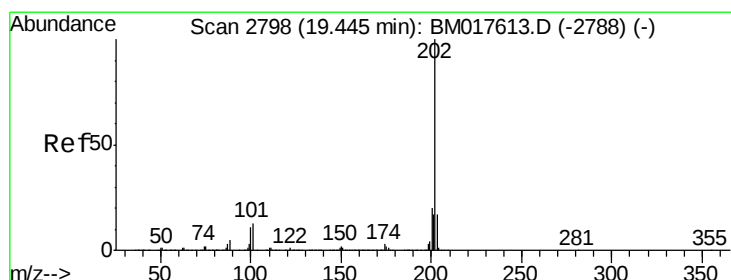
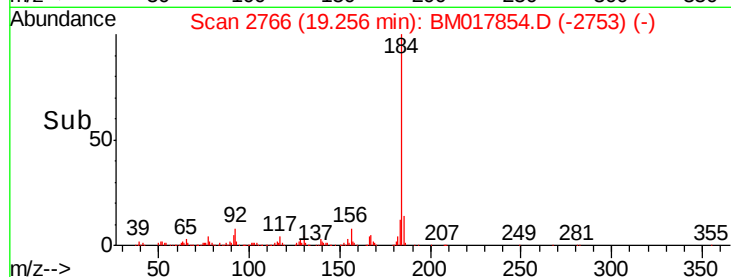
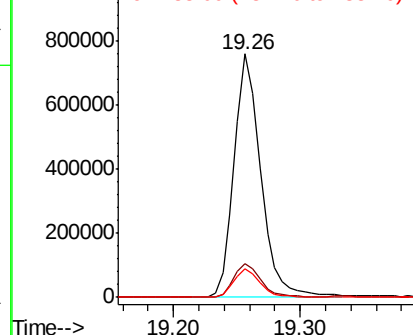


Abundance

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: 51.087 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

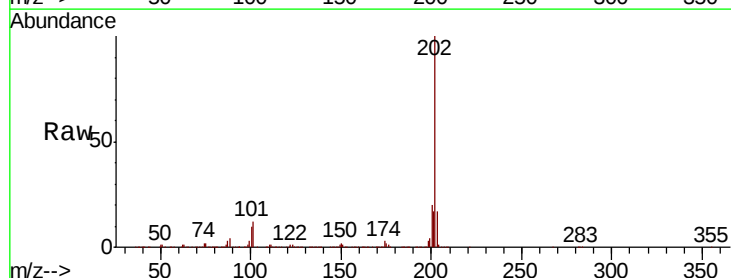
Tgt Ion:202 Resp: 2901747

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

203 17.4 13.8 20.8

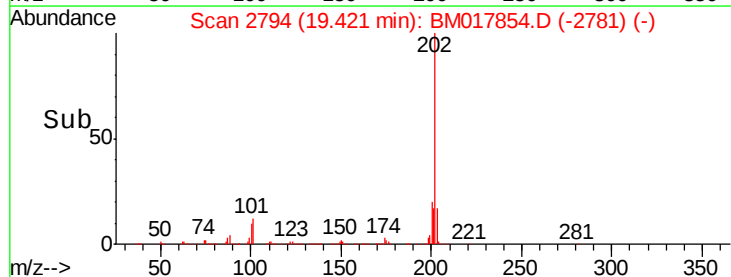
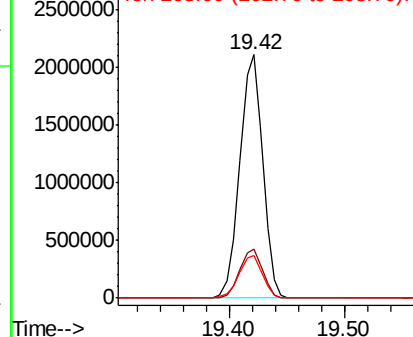


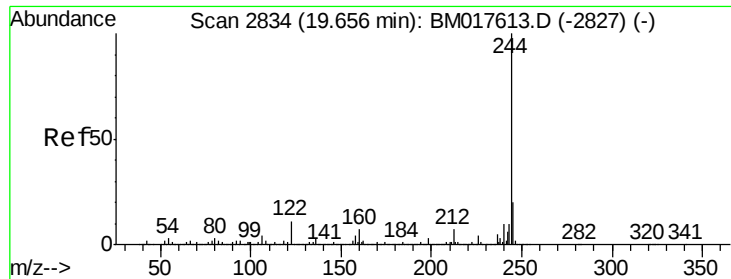
Abundance

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





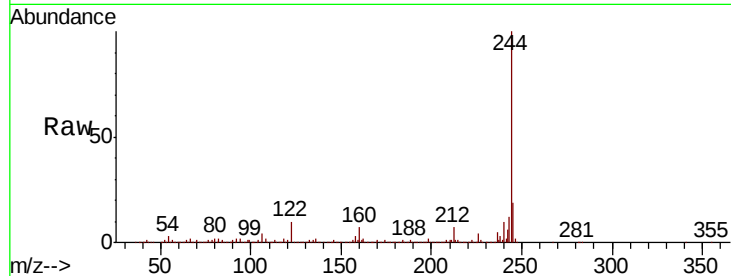
#79
 Terphenyl-d14
 Concen: 81.433 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BSD

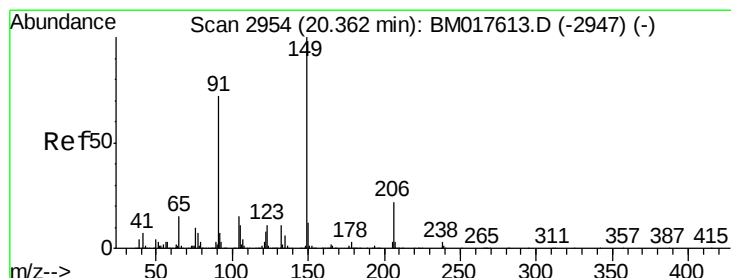
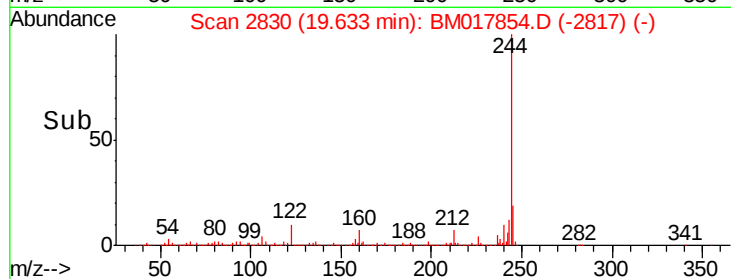
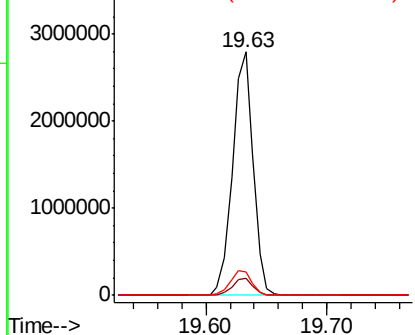
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	9.9	9.0	13.6

Manual Integrations
 APPROVED

mohammad
 12/3/2018 4:58:30 PM



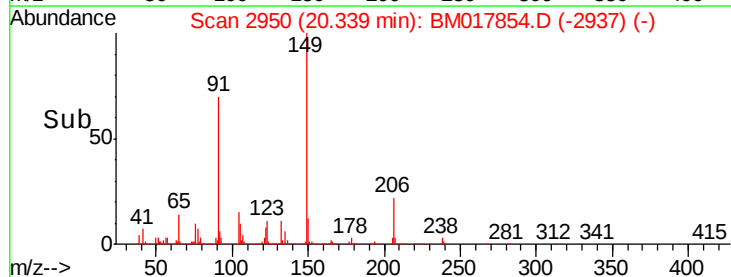
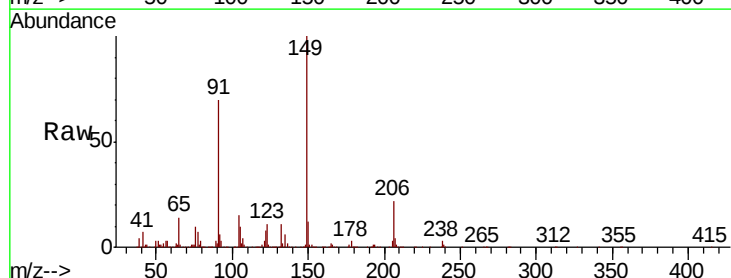
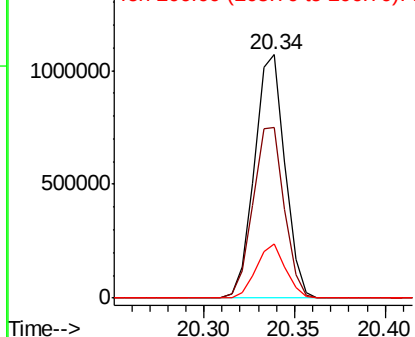
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

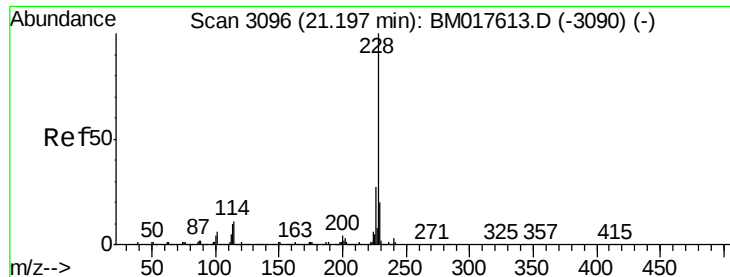


#80
 Butylbenzylphthalate
 Concen: 54.263 ng
 RT: 20.34 min Scan# 2950
 Delta R.T. -0.02 min
 Lab File: BM017854.D
 Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.0	57.6	86.4
206	22.2	17.4	26.0

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM017854.D (-2937) (-)
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.307 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Instrument :

BNA_M

ClientSampleId :

PB115195BSD

Tot Ion:228 Resp: 2562004

Ion Ratio Lower Upper

228 100

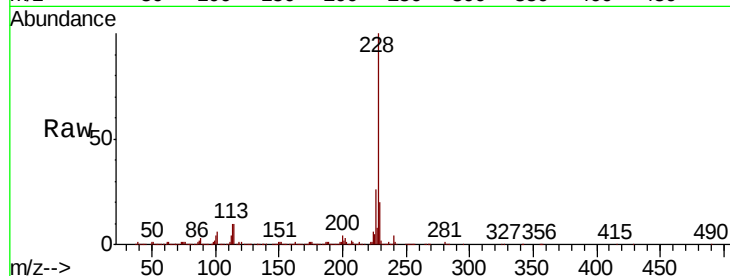
226 26.2 21.3 31.9

229 19.6 16.0 24.0

Manual Integrations
APPROVED

mohammad

12/3/2018 4:58:30 PM

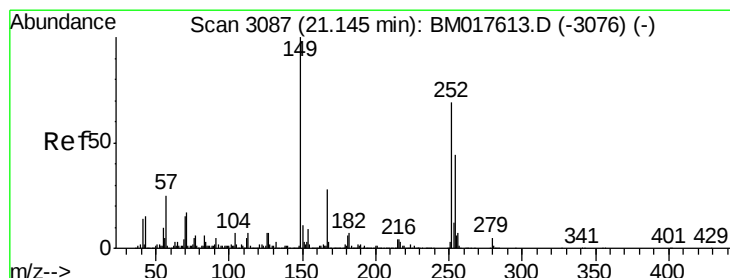
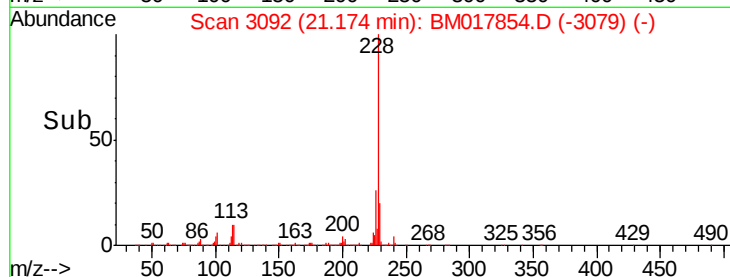
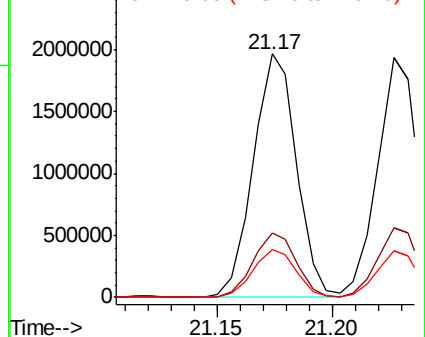


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.533 ng

RT: 21.12 min Scan# 3082

Delta R.T. -0.03 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

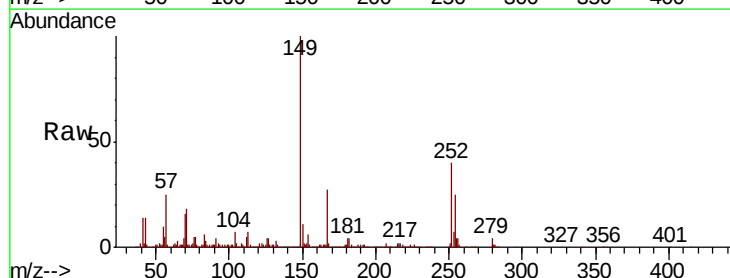
Tgt Ion:252 Resp: 850141

Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.2

126 11.2 8.0 12.0

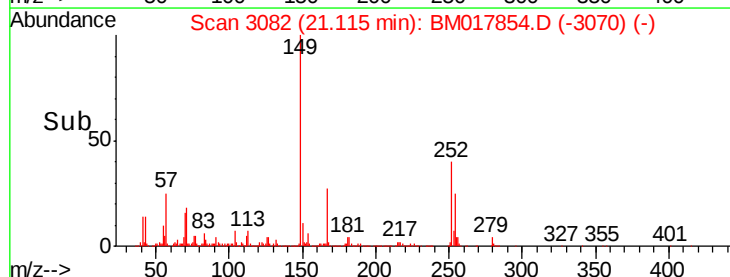
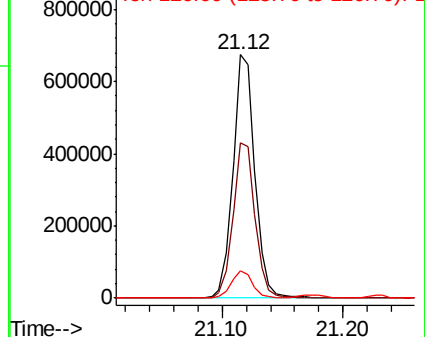


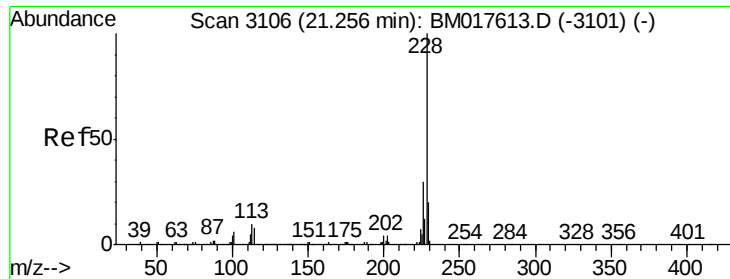
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





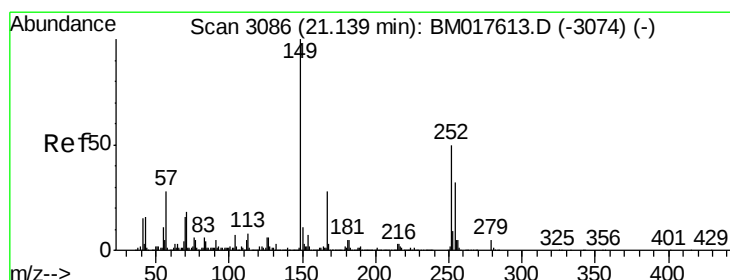
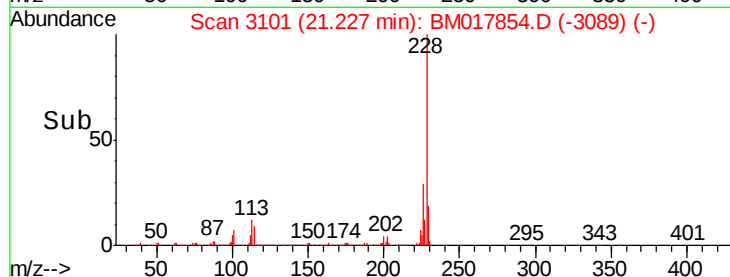
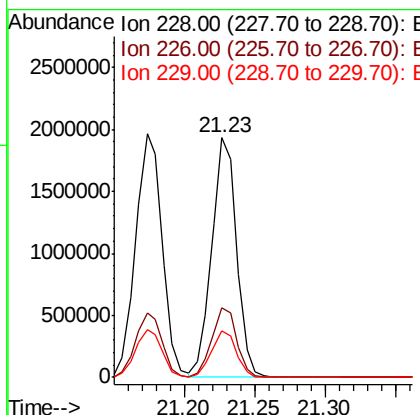
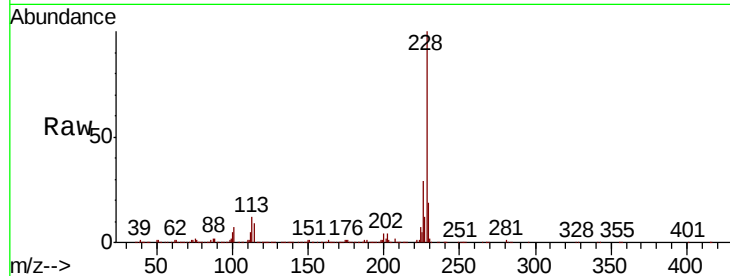
#83
Chrysene
Concen: 45.807 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	19.4	15.8	23.6

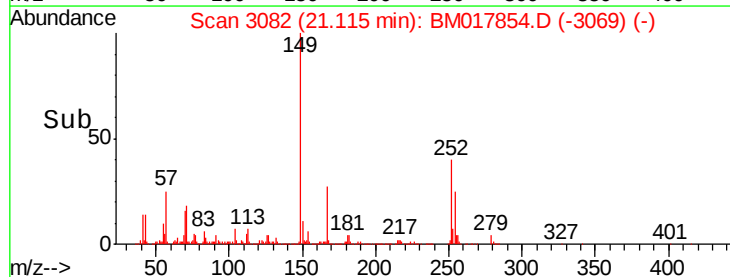
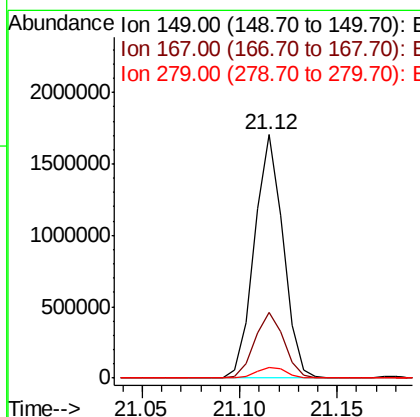
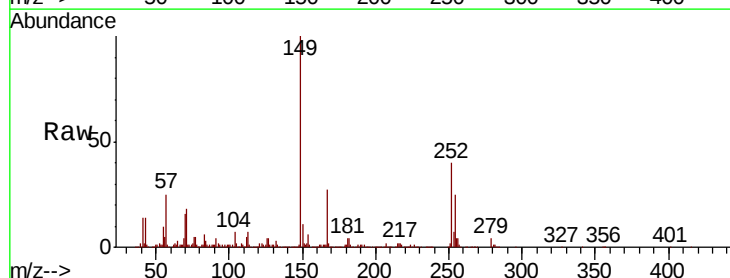
Manual Integrations
APPROVED

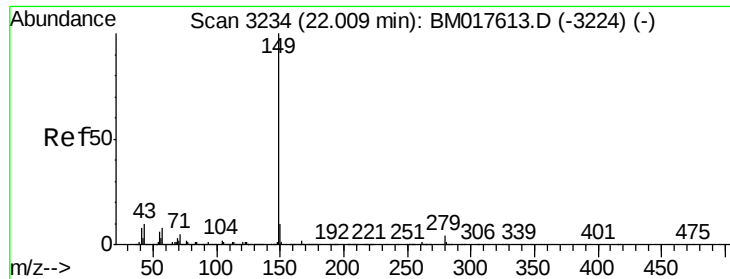
mohammad
12/3/2018 4:58:30 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.985 ng
RT: 21.12 min Scan# 3082
Delta R.T. -0.02 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.4
279	4.5	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 49.515 ng

RT: 21.98 min Scan# 3229

Delta R.T. -0.03 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Instrument :

BNA_M

ClientSampleId :

PB115195BSD

Tot Ion:149 Resp: 2704031

Ion Ratio Lower Upper

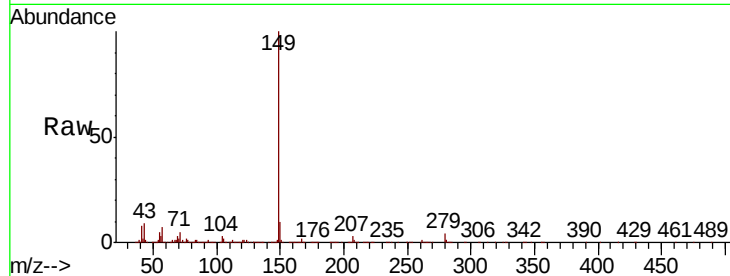
149 100

167 1.6 1.3 1.9

43 9.1 8.3 12.5

Manual Integrations
APPROVED

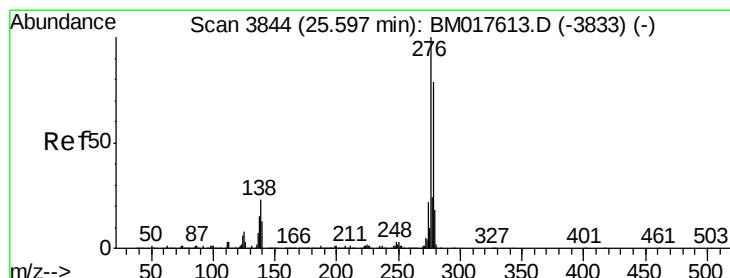
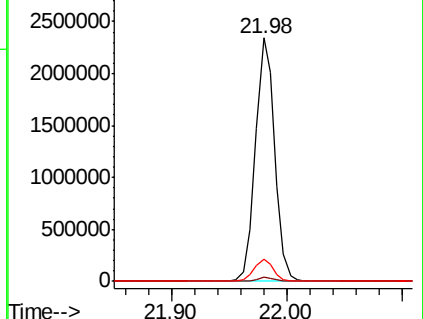
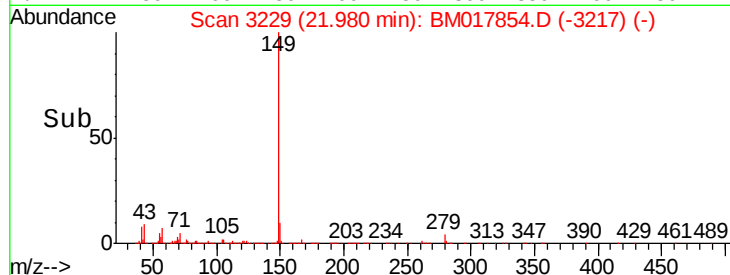
mohammad
12/3/2018 4:58:30 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 65.668 ng

RT: 25.55 min Scan# 3836

Delta R.T. -0.05 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

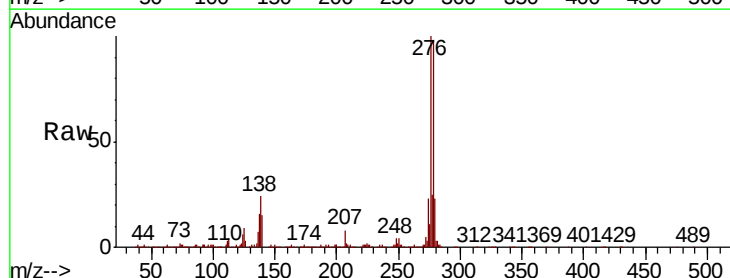
Tgt Ion:276 Resp: 2703097

Ion Ratio Lower Upper

276 100

138 23.6 19.1 28.7

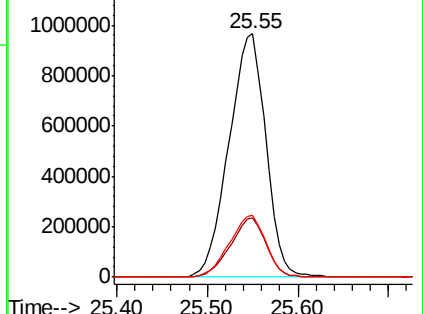
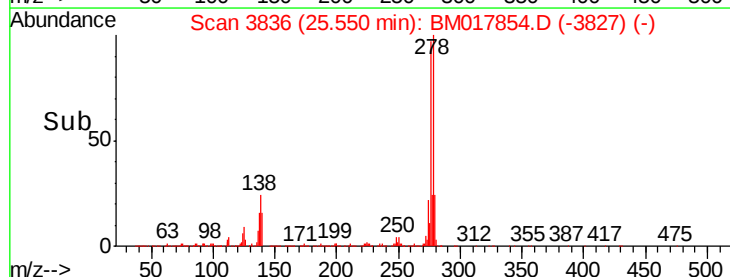
277 25.2 20.0 30.0

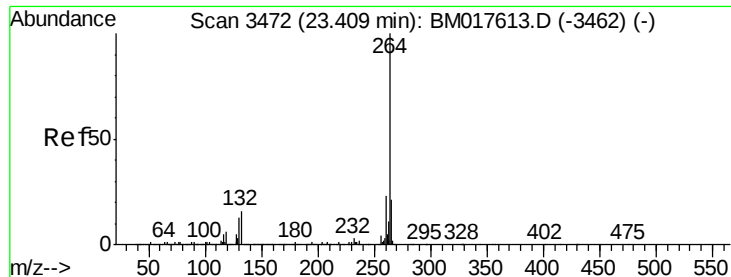


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.04 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Instrument :

BNA_M

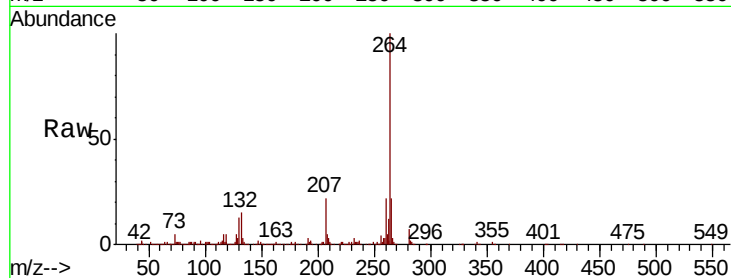
ClientSampleId :

PB115195BSD

Tot Ion:	264	Resp:	729575
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.2	27.2
265	22.1	17.5	26.3

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM

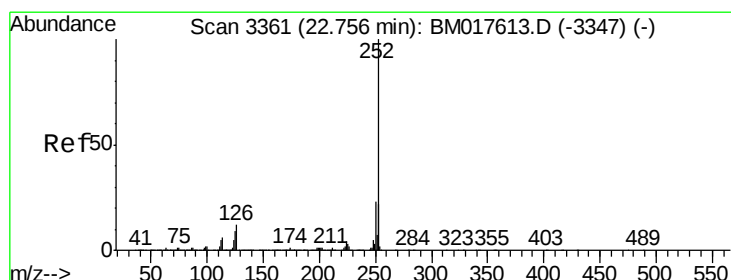
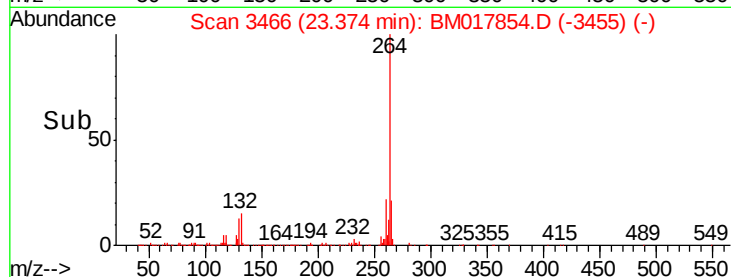
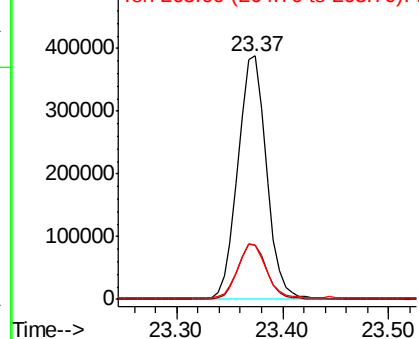


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.745 ng

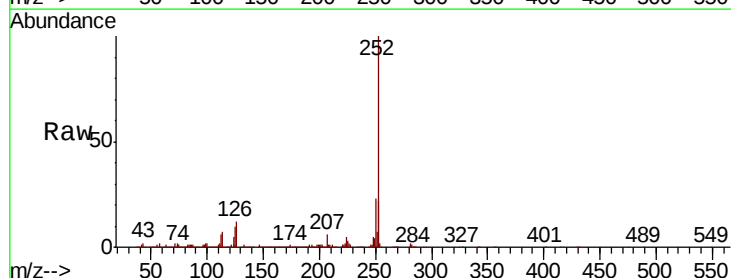
RT: 22.72 min Scan# 3355

Delta R.T. -0.04 min

Lab File: BM017854.D

Acq: 01 Dec 2018 13:31

Tgt Ion:	252	Resp:	2381794
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	10.1	7.6	11.4

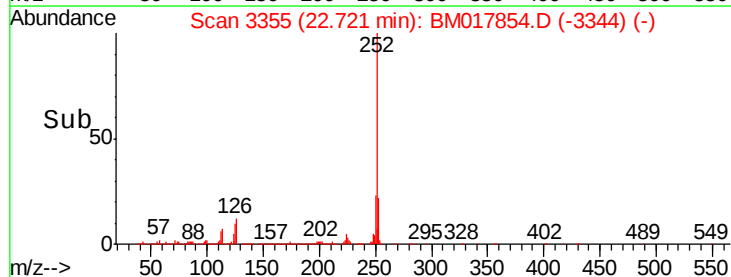
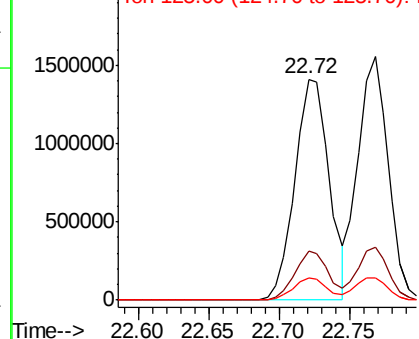


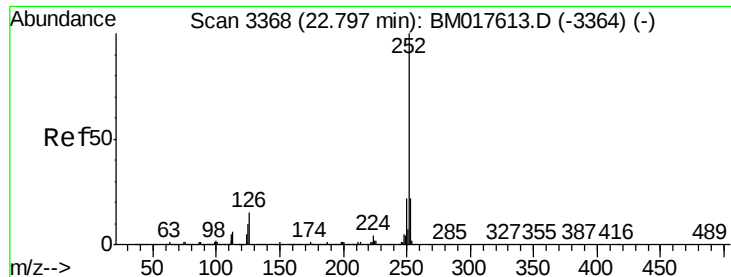
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





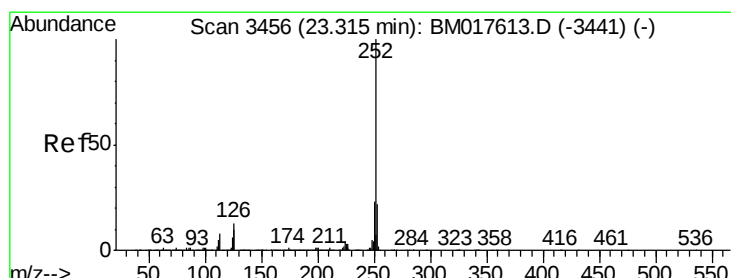
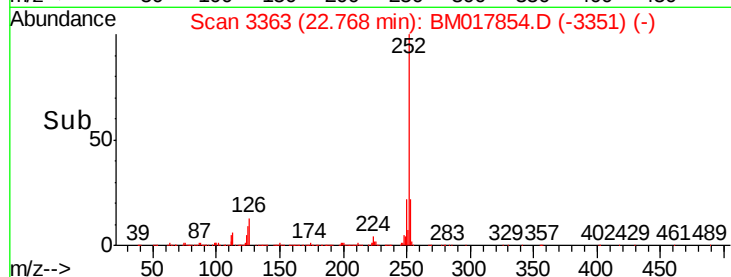
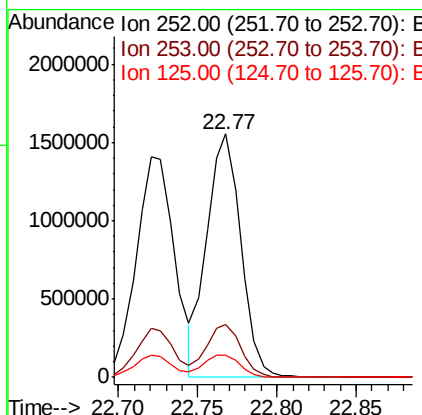
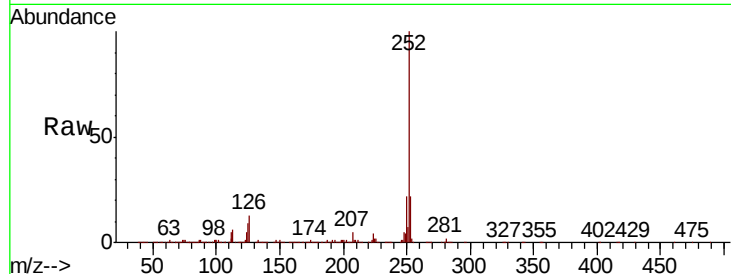
#89
Benzo(k)fluoranthene
Concen: 53.757 ng
RT: 22.77 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.3	7.9	11.9

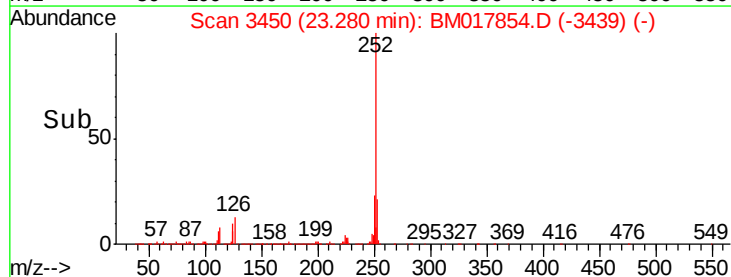
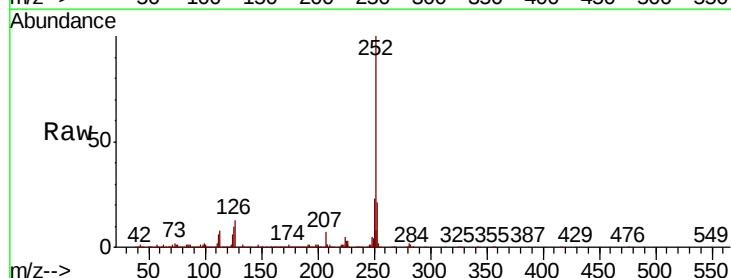
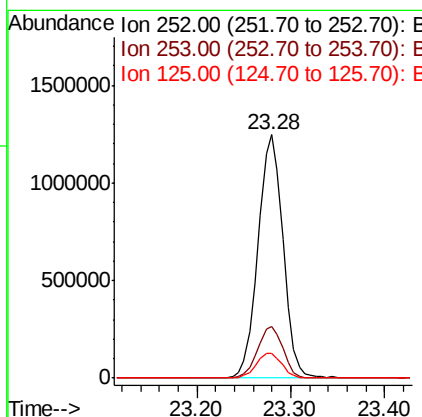
Manual Integrations
APPROVED

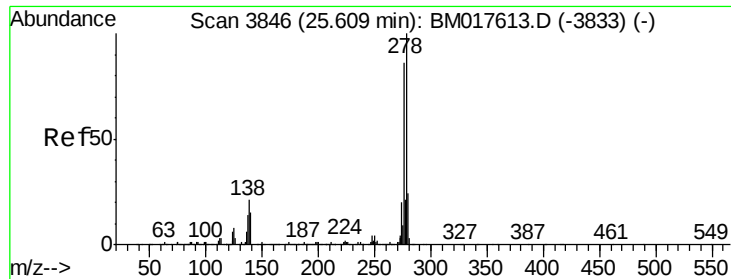
mohammad
12/3/2018 4:58:30 PM



#90
Benzo(a)pyrene
Concen: 58.717 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	10.3	8.2	12.2





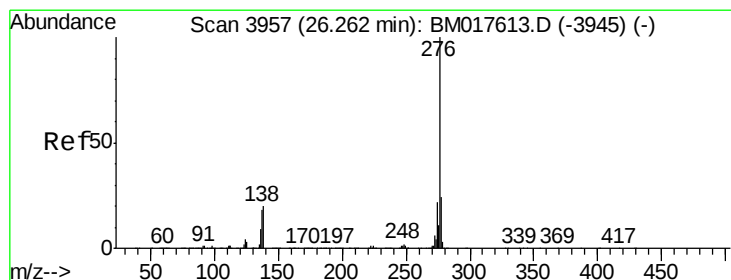
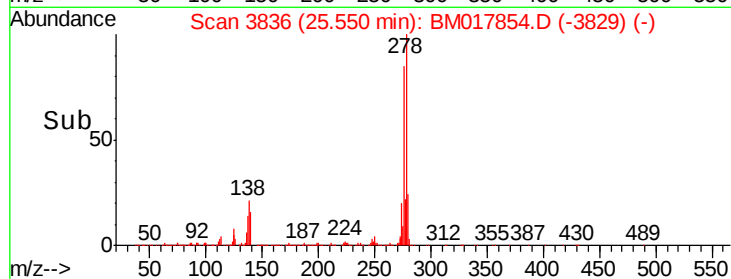
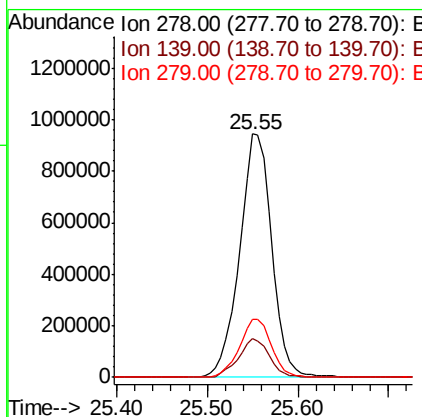
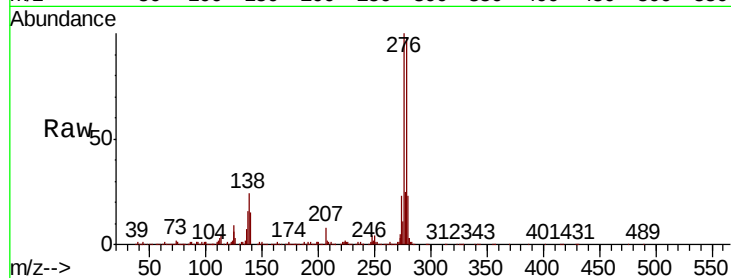
#91
Dibenzo(a,h)anthracene
Concen: 70.898 ng
RT: 25.55 min Scan# 3836
Delta R.T. -0.06 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.8	17.6
279	23.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:30 PM



#92
Benzo(g,h,i)perylene
Concen: 73.852 ng
RT: 26.20 min Scan# 3947
Delta R.T. -0.06 min
Lab File: BM017854.D
Acq: 01 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	20.0	15.9	23.9

