

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
 Data File : BM017873.D
 Acq On : 02 Dec 2018 01:44
 Operator : JU/SJ
 Sample : PB115173BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BS

Manual Integrations
 APPROVED

mohammad
 12/3/2018 4:58:36 PM

Quant Time: Dec 03 01:27:42 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	177372	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	790180	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	456288	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	1051288	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	1085124	20.00	ng	-0.02
87) Perylene-d12	23.37	264	938461	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1048288	99.74	ng	-0.03
7) Phenol-d6	6.77	99	1404576	95.69	ng	-0.03
23) Nitrobenzene-d5	8.74	82	1293873	84.53	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	609700	93.00	ng	-0.03
45) 2-Fluorobiphenyl	12.85	172	3185400	90.57	ng	-0.03
79) Terphenyl-d14	19.63	244	4857421	101.45	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	138730	31.694	ng	88
3) Pyridine	3.58	79	432588	33.692	ng	88
4) n-Nitrosodimethylamine	3.50	42	215502	38.102	ng	91
6) Aniline	6.93	93	299990	16.480	ng	98
8) 2-Chlorophenol	7.15	128	580158	46.124	ng	97
9) Benzaldehyde	6.75	77	313226	29.293	ng	97
10) Phenol	6.80	94	717528	46.571	ng	98
11) bis(2-Chloroethyl)ether	7.03	93	496090	40.787	ng	96
12) 1,3-Dichlorobenzene	7.47	146	573305	40.626	ng	97
13) 1,4-Dichlorobenzene	7.62	146	591951	40.924	ng	99
14) 1,2-Dichlorobenzene	7.93	146	573888	40.917	ng	98
15) Benzyl Alcohol	7.83	79	500334	42.801	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.10	45	582368	31.448	ng	92
17) 2-Methylphenol	8.03	107	485935	46.818	ng	98
18) Hexachloroethane	8.64	117	214373	42.050	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	428112	40.619	ng	92
20) 3+4-Methylphenols	8.36	107	646089	44.802	ng	98
22) Acetophenone	8.40	105	831010	42.137	ng	95
24) Nitrobenzene	8.78	77	631740	40.680	ng	98
25) Isophorone	9.30	82	1120001	47.376	ng	99
26) 2-Nitrophenol	9.48	139	307906	43.045	ng	98
27) 2,4-Dimethylphenol	9.55	122	535423	51.937	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	707773	44.204	ng	98
29) 2,4-Dichlorophenol	10.01	162	559738	46.773	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	577825	41.515	ng	97
31) Naphthalene	10.40	128	1758710	45.268	ng	99
32) Benzoic acid	9.72	122	375254m	40.184	ng	
33) 4-Chloroaniline	10.54	127	151413	8.899	ng	98
34) Hexachlorobutadiene	10.67	225	347232	40.186	ng	99
35) Caprolactam	11.33	113	173592m	39.390	ng	
36) 4-Chloro-3-methylphenol	11.66	107	603352	43.669	ng	99
37) 2-Methylnaphthalene	12.02	142	1299345	47.320	ng	100
38) 1-Methylnaphthalene	12.25	142	1248115	46.358	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	683736	42.494	ng	98

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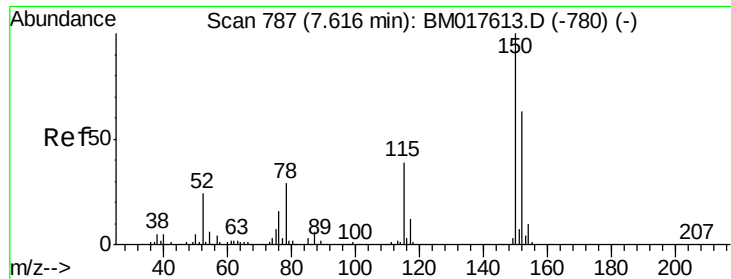
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 12/3/2018 4:58:36 PM

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 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	848637	102.071	nq	99
43) 2,4,6-Trichlorophenol	12.65	196	457711	45.416	nq	98
44) 2,4,5-Trichlorophenol	12.72	196	488179	45.876	nq	97
46) 1,1'-Biphenyl	13.06	154	1675898	40.918	nq	100
47) 2-Chloronaphthalene	13.09	162	1293481	42.548	nq	100
48) 2-Nitroaniline	13.32	65	401289	42.684	nq	99
49) Acenaphthylene	13.95	152	2130225	46.639	nq	99
50) Dimethylphthalate	13.70	163	1627460	43.869	nq	99
51) 2,6-Dinitrotoluene	13.83	165	364374	44.109	nq	99
52) Acenaphthene	14.30	154	1232837	43.982	nq	99
53) 3-Nitroaniline	14.16	138	143728	15.981	nq	99
54) 2,4-Dinitrophenol	14.37	184	431971	85.148	nq	98
55) Dibenzofuran	14.63	168	1993761	43.524	nq	99
56) 4-Nitrophenol	14.48	139	634543	83.692	nq	99
57) 2,4-Dinitrotoluene	14.62	165	522014	46.879	nq	99
58) Fluorene	15.29	166	1635920	46.649	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	455347	46.523	nq	98
60) Diethylphthalate	15.07	149	1672051	41.714	nq	99
61) 4-Chlorophenyl-phenylether	15.29	204	836177	41.968	nq	99
62) 4-Nitroaniline	15.33	138	342606	40.419	nq	97
63) Azobenzene	15.58	77	1643118	44.343	nq	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	292991	40.230	nq	95
66) n-Nitrosodiphenylamine	15.51	169	1434440	42.439	nq	100
67) 4-Bromophenyl-phenylether	16.18	248	513651	41.312	nq	94
68) Hexachlorobenzene	16.29	284	580969	41.449	nq	98
69) Atrazine	16.47	200	536043	43.119	nq	98
70) Pentachlorophenol	16.64	266	747376	76.099	nq	100
71) Phenanthrene	17.03	178	2605518	45.675	nq	100
72) Anthracene	17.12	178	2695679	48.562	nq	100
73) Carbazole	17.40	167	2428129	43.288	nq	100
74) Di-n-butylphthalate	17.97	149	3003496	48.101	nq	100
75) Fluoranthene	19.06	202	3083095	47.767	nq	99
77) Benzidine	19.26	184	1129034	31.951	nq	99
78) Pyrene	19.42	202	3172694	47.387	nq	100
80) Butylbenzylphthalate	20.34	149	1437453	52.860	nq	98
81) Benzo(a)anthracene	21.17	228	2946875	47.138	nq	99
82) 3,3'-Dichlorobenzidine	21.12	252	580203	24.047	nq	99
83) Chrysene	21.23	228	2750882	45.305	nq	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	2086641	51.905	nq	100
85) Di-n-octyl phthalate	21.98	149	3367493	52.313	nq	97
86) Indeno(1,2,3-cd)pyrene	25.54	276	2651440	54.645	nq	99
88) Benzo(b)fluoranthene	22.72	252	2602054	47.345	nq	99
89) Benzo(k)fluoranthene	22.77	252	2498409	44.976	nq	98
90) Benzo(a)pyrene	23.28	252	2409968	48.092	nq	99
91) Dibenzo(a,h)anthracene	25.56	278	2267391	53.820	nq	100
92) Benzo(g,h,i)perylene	26.21	276	2197320	55.464	nq	100

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



#1

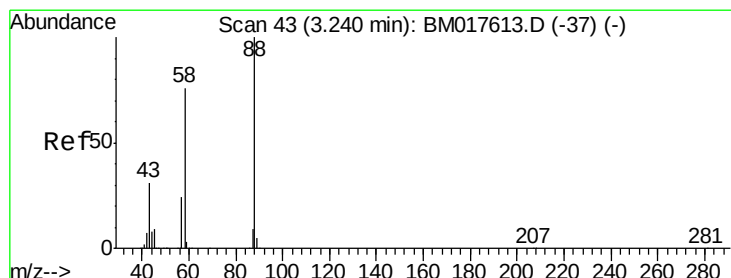
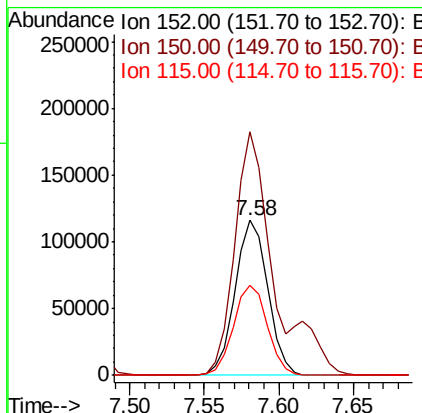
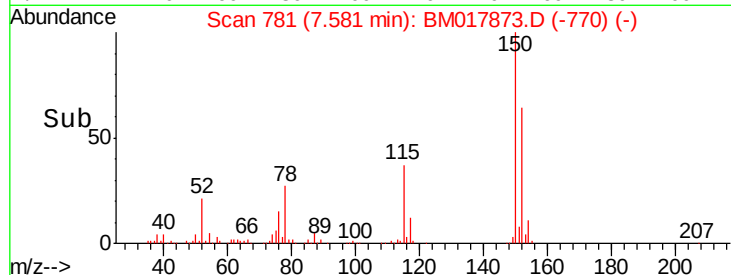
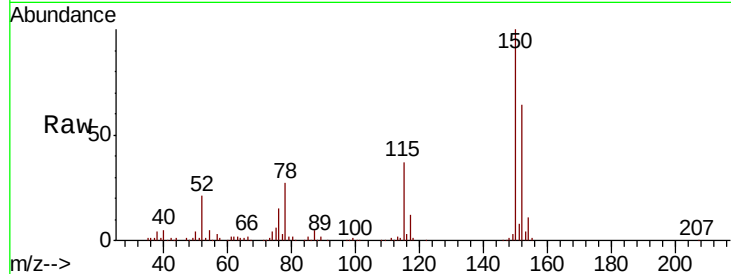
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.4	189.6
115	58.2	49.4	74.0

Manual Integrations
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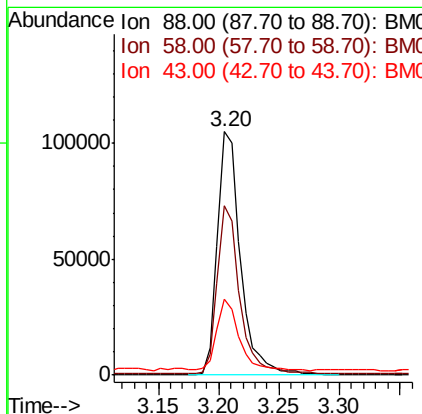
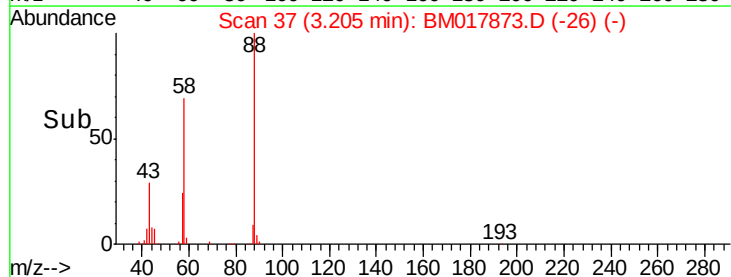
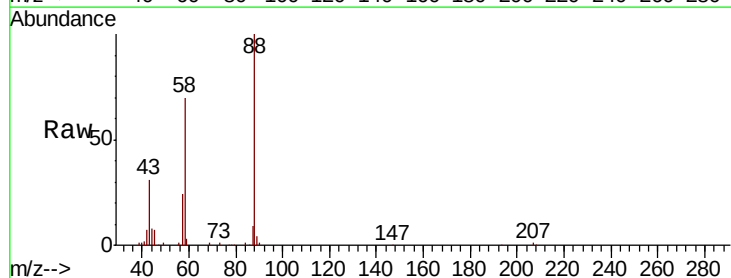
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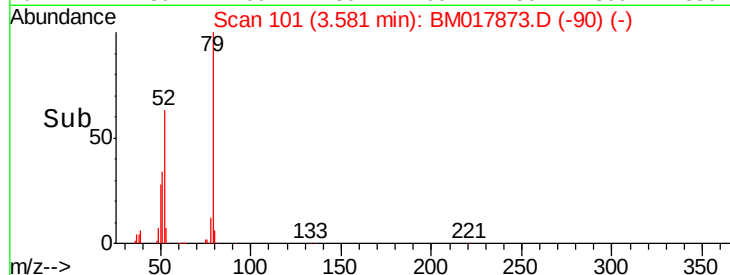
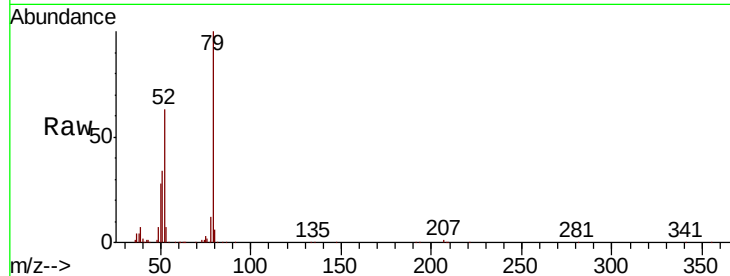
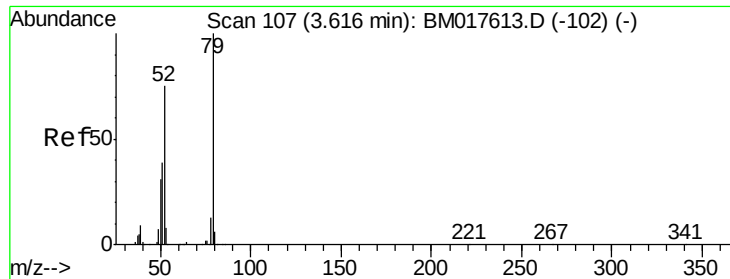


#2

1,4-Dioxane
Concen: 31.694 ng
RT: 3.20 min Scan# 37
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	62.0	93.0
43	28.6	26.8	40.2





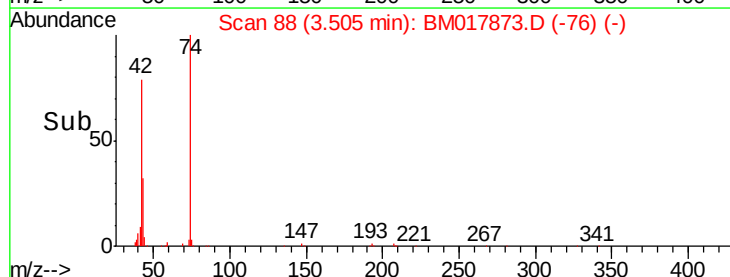
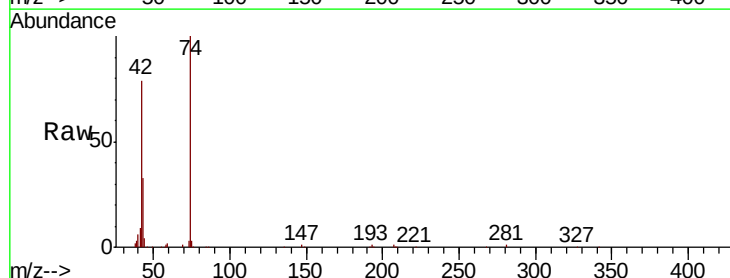
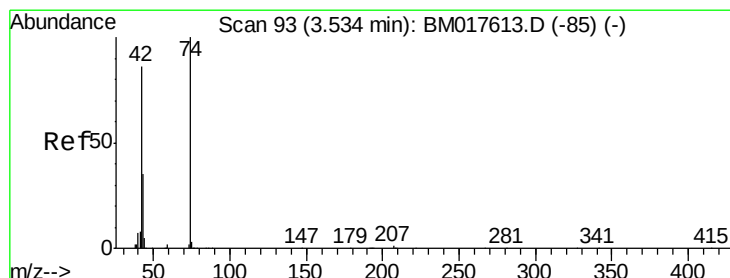
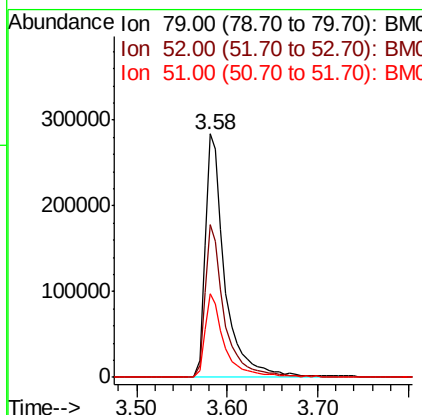
#3
 Pvridine
 Concen: 33.692 ng
 RT: 3.58 min Scan# 101
 Delta R.T. -0.04 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.9	60.1	90.1
51	34.2	31.1	46.7

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BS

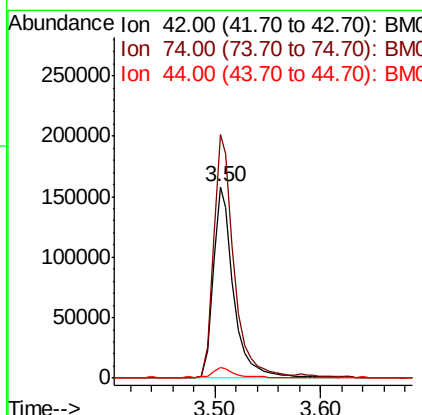
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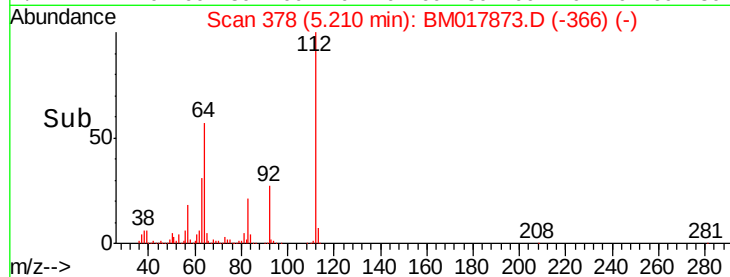
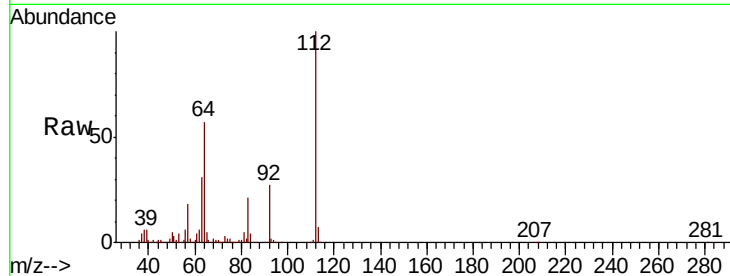
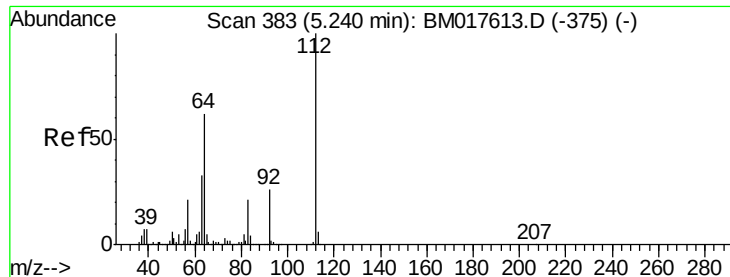
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#4
 n-Nitrosodimethylamine
 Concen: 38.102 ng
 RT: 3.50 min Scan# 88
 Delta R.T. -0.03 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.0	93.1	139.7
44	5.7	5.0	7.6





#5

2-Fluorophenol

Concen: 99.742 ng

RT: 5.21 min Scan# 378

Delta R.T. -0.03 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Tot Ion:	112	Resp:	1048288
Ion	Ratio	Lower	Upper
112	100		
64	57.4	49.3	73.9
63	31.2	26.2	39.4

Instrument :

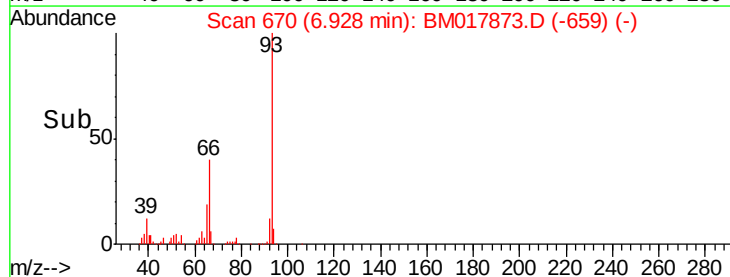
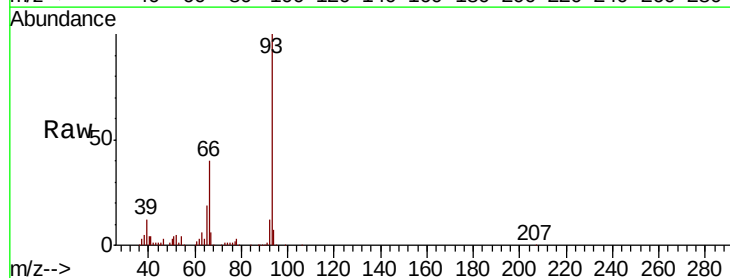
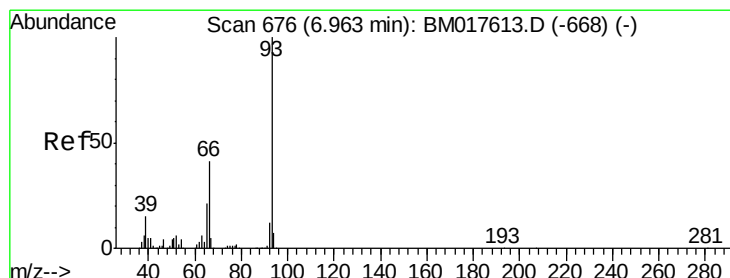
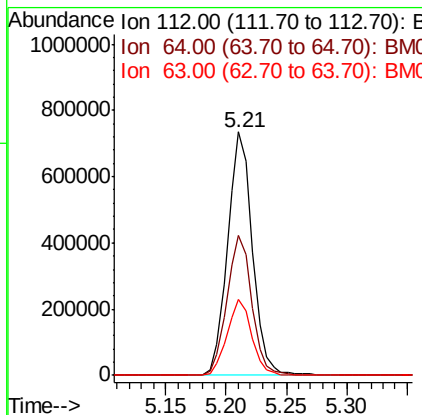
BNA_M

ClientSampleId :

PB115173BS

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#6

Aniline

Concen: 16.480 ng

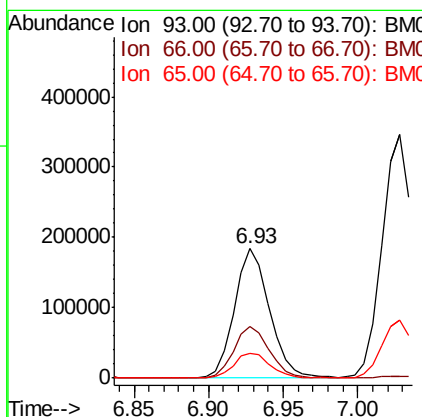
RT: 6.93 min Scan# 670

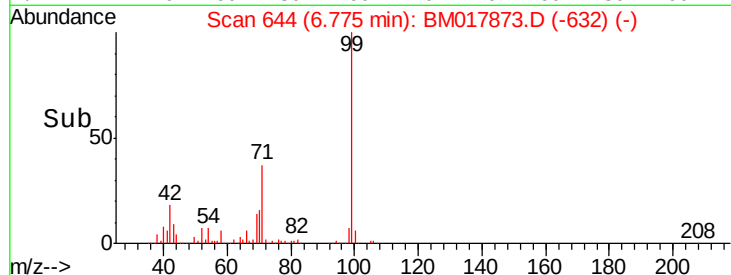
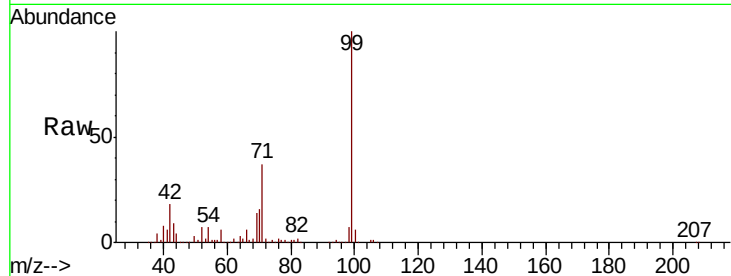
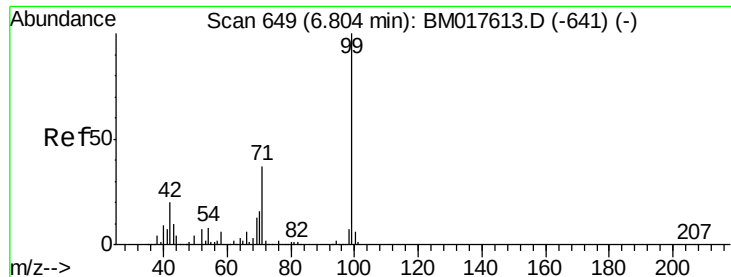
Delta R.T. -0.04 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Tgt Ion:	93	Resp:	299990
Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.8	49.2
65	19.3	16.6	25.0





#7

Phenol-d6

Concen: 95.688 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Tot Ion: 99 Resp: 1404576

Ion Ratio Lower Upper

99 100

42 18.2 16.3 24.5

71 37.4 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

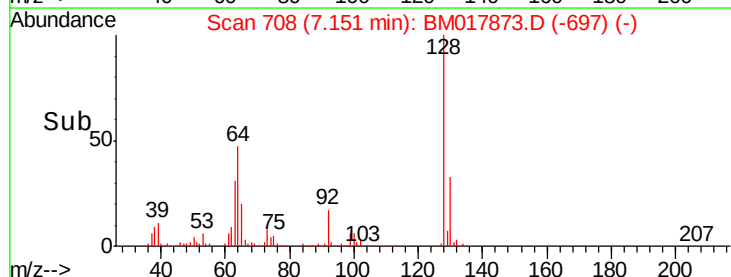
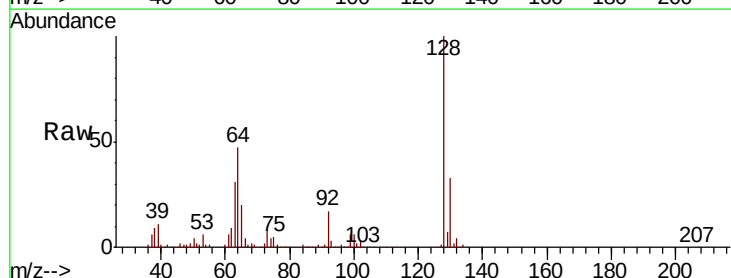
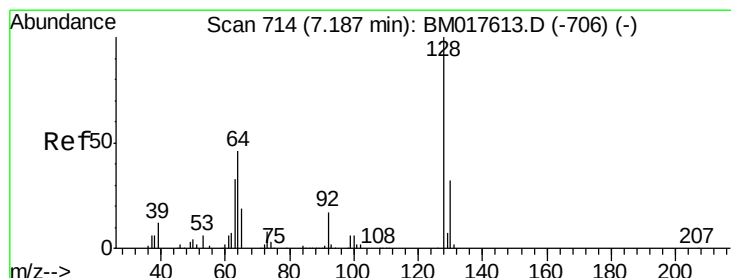
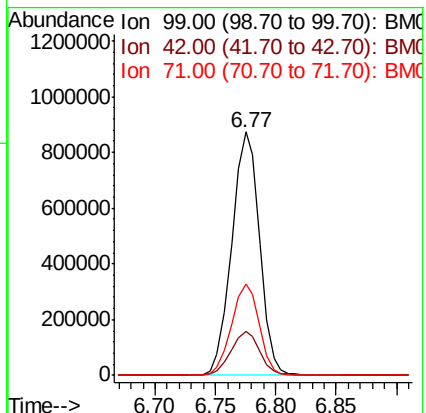
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#8

2-Chlorophenol

Concen: 46.124 ng

RT: 7.15 min Scan# 708

Delta R.T. -0.04 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

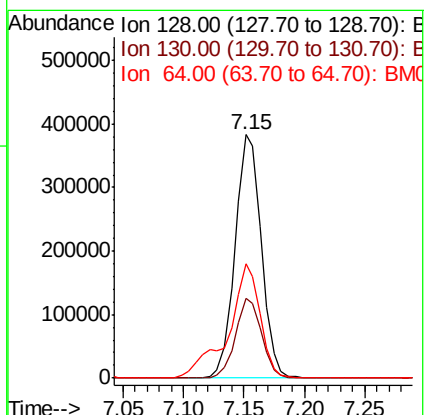
Tgt Ion: 128 Resp: 580158

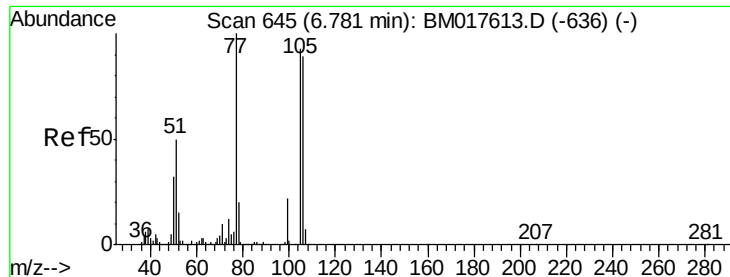
Ion Ratio Lower Upper

128 100

130 32.8 12.4 52.4

64 46.8 30.0 70.0





#9

Benzaldehyde

Concen: 29.293 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.04 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Instrument :

BNA_M

ClientSampled :

PB115173BS

Tot Ion: 77 Resp: 313226

Ion Ratio Lower Upper

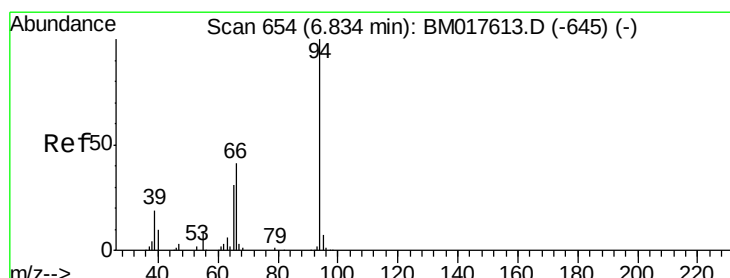
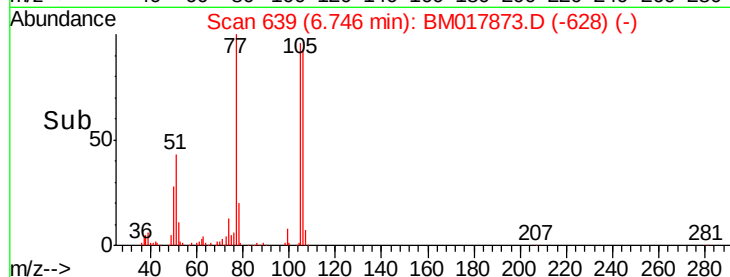
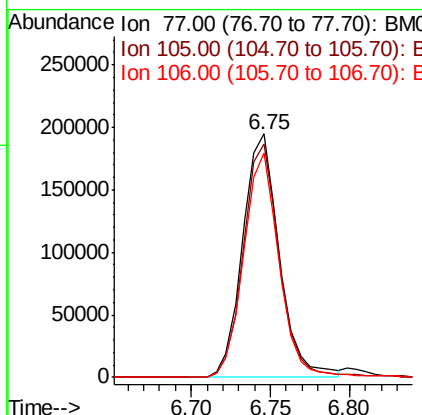
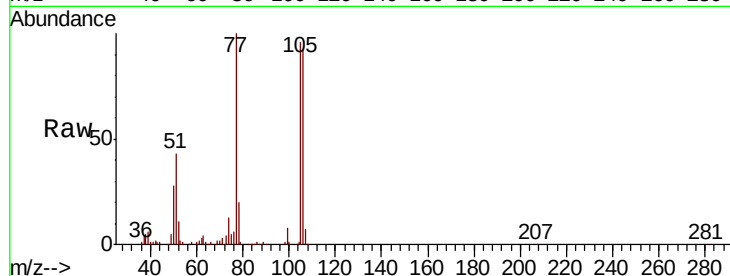
77 100

105 95.7 72.7 112.7

106 92.0 68.9 108.9

Manual Integrations
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#10

Phenol

Concen: 46.571 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.04 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

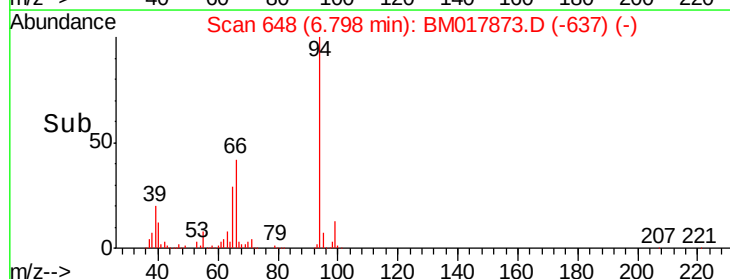
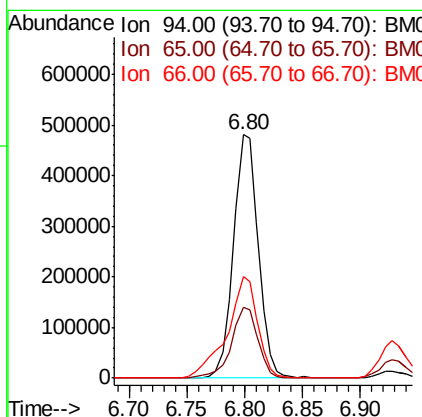
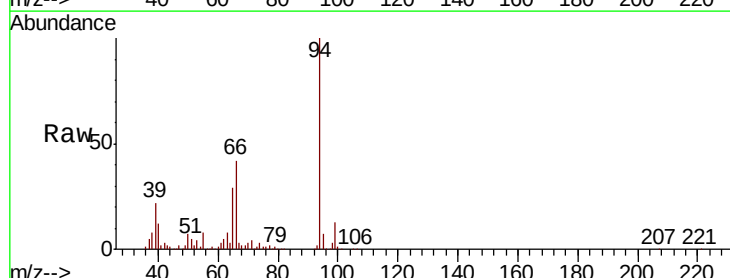
Tgt Ion: 94 Resp: 717528

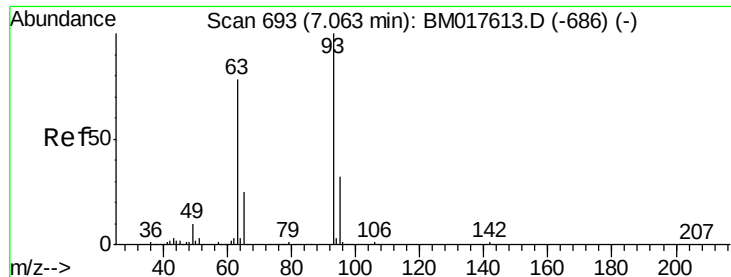
Ion Ratio Lower Upper

94 100

65 28.9 11.4 51.4

66 41.8 21.4 61.4





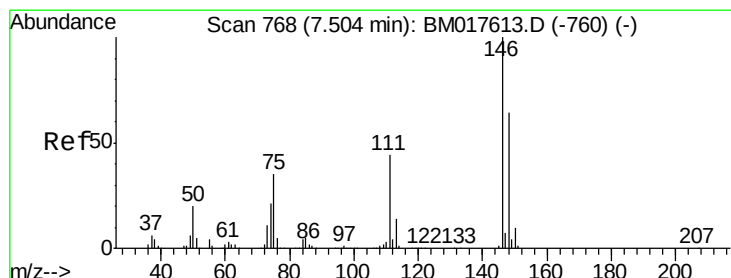
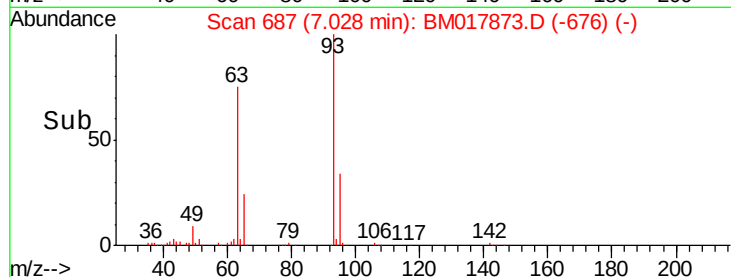
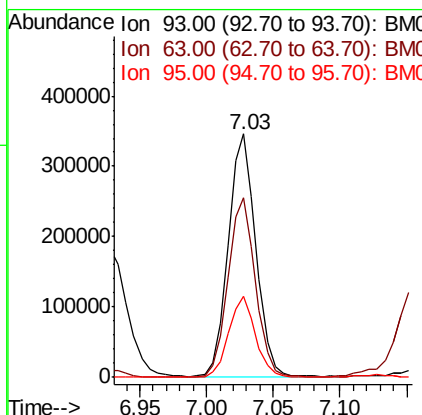
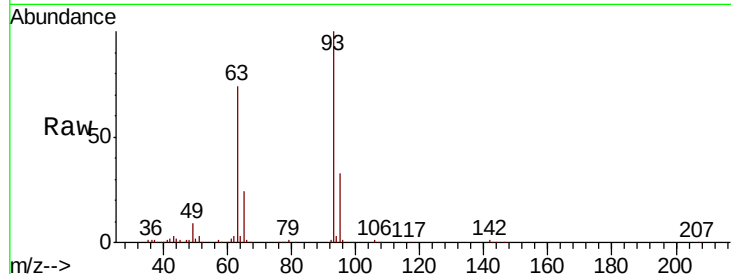
#11
bis(2-Chloroethyl)ether
Concen: 40.787 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.6	57.9	97.9	
95	33.2	12.3	52.3	

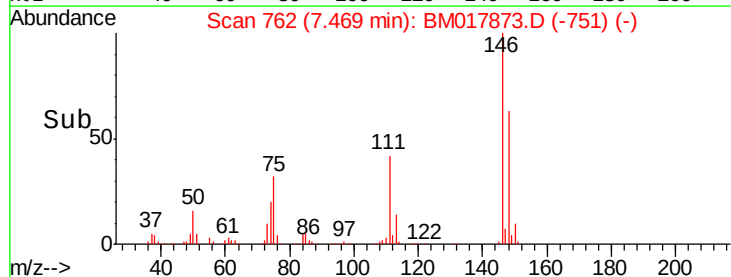
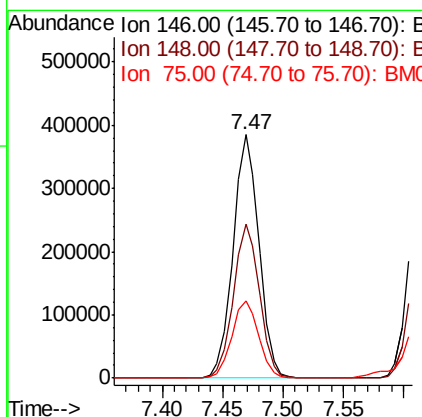
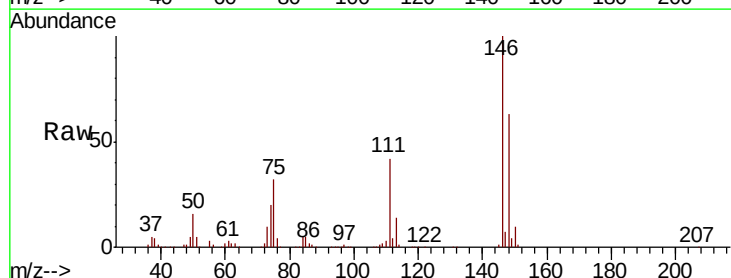
Manual Integrations
APPROVED

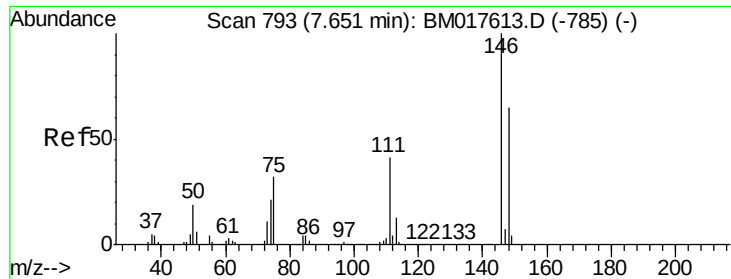
mohammad
12/3/2018 4:58:36 PM



#12
1,3-Dichlorobenzene
Concen: 40.626 ng
RT: 7.47 min Scan# 762
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.1	51.2	76.8	
75	31.9	28.2	42.2	





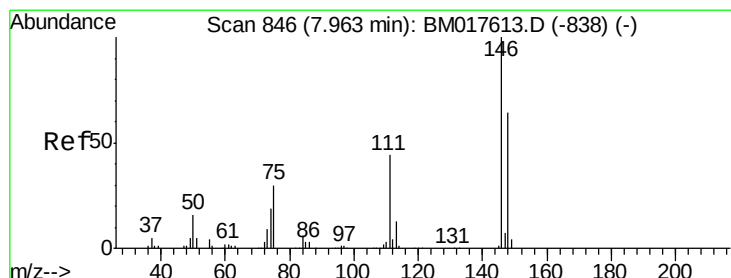
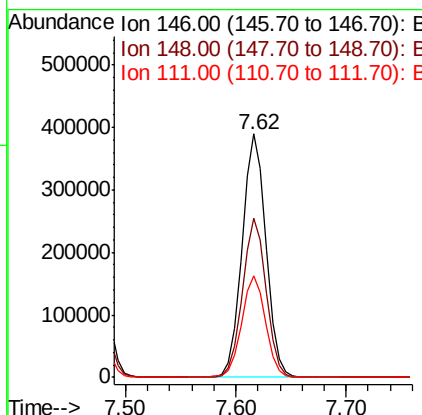
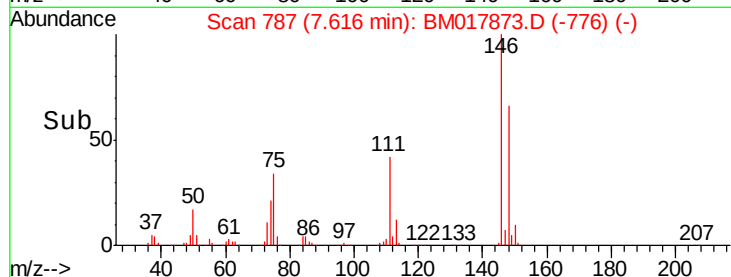
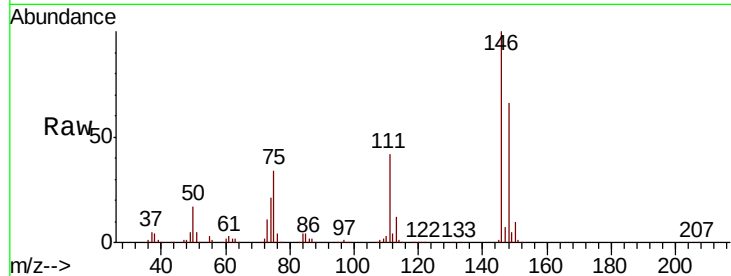
#13
1,4-Dichlorobenzene
Concen: 40.924 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampled :
PB115173BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.0	78.0
111	41.8	33.2	49.8

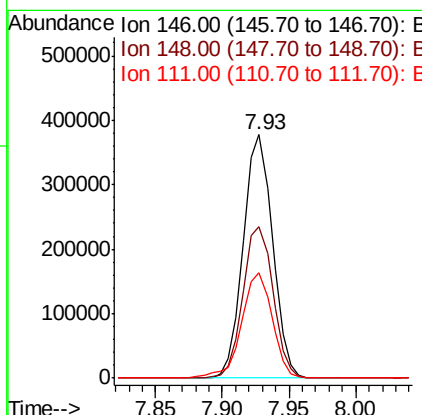
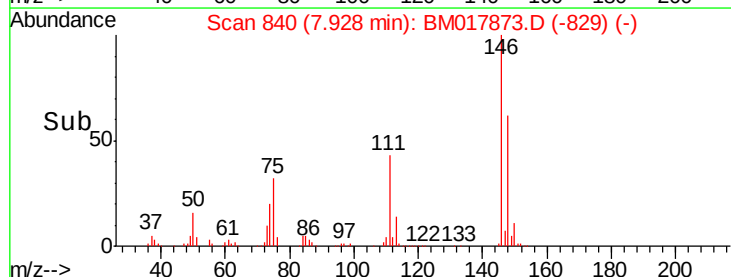
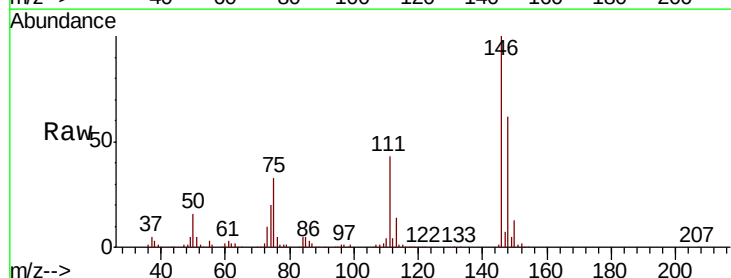
Manual Integrations
APPROVED

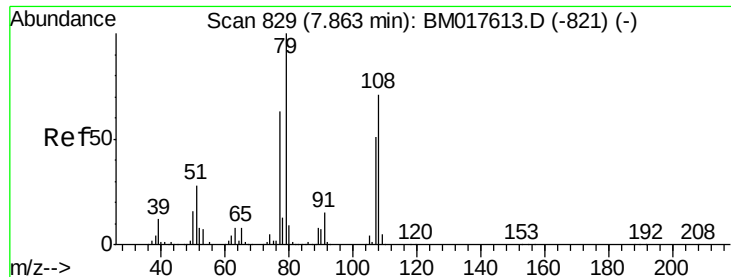
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.917 ng
RT: 7.93 min Scan# 840
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.6	77.4
111	43.3	35.8	53.8





#15

Benzyl Alcohol

Concen: 42.801 ng

RT: 7.83 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Instrument :

BNA_M

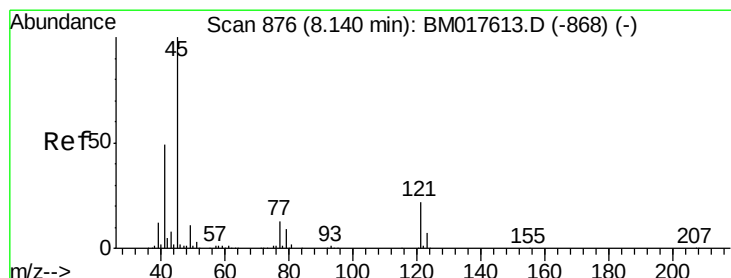
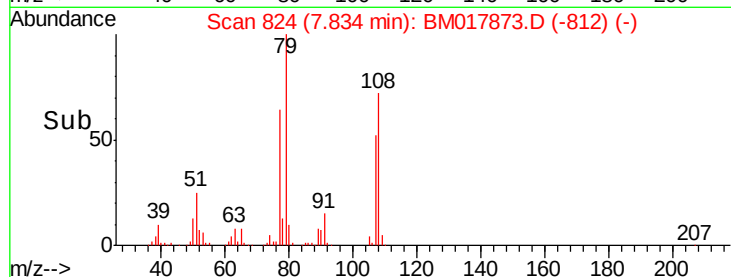
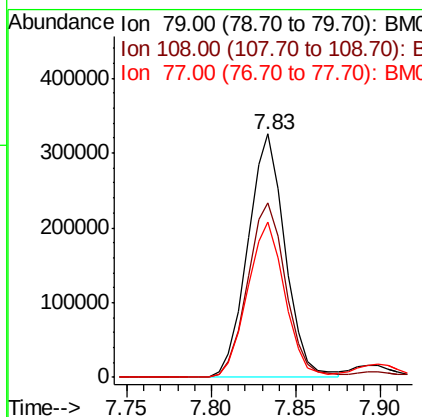
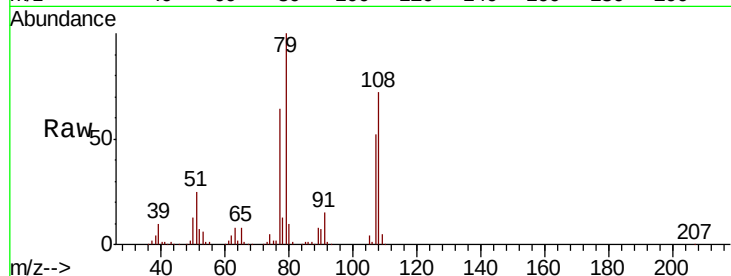
ClientSampleId :

PB115173BS

Tot Ion:	79	Resp:	500334
Ion	Ratio	Lower	Upper
79	100		
108	71.7	57.1	85.7
77	63.7	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.448 ng

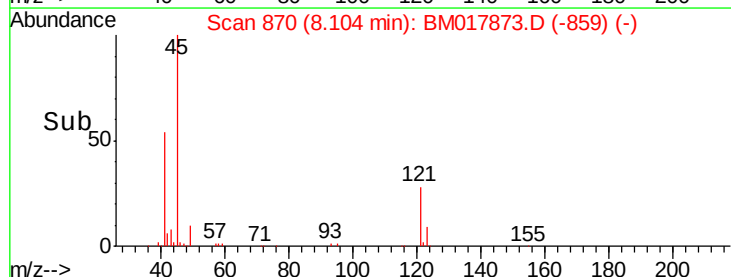
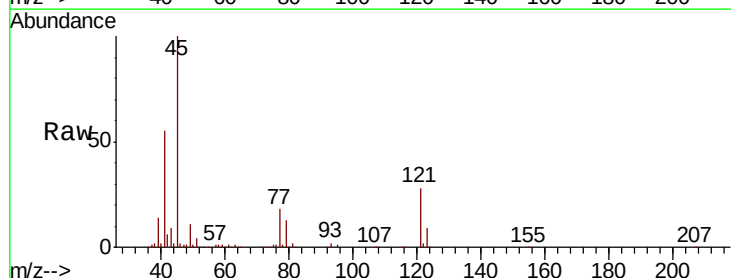
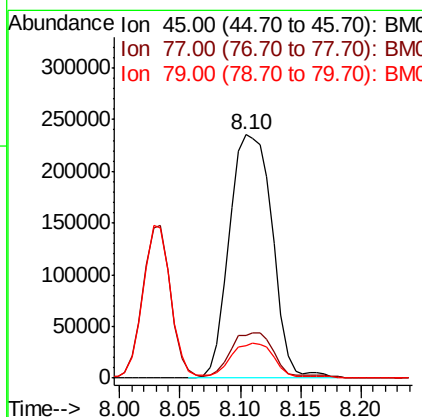
RT: 8.10 min Scan# 870

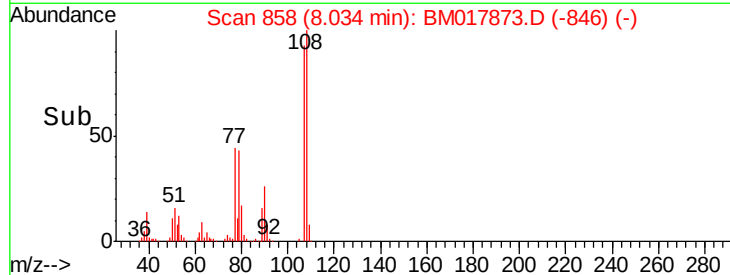
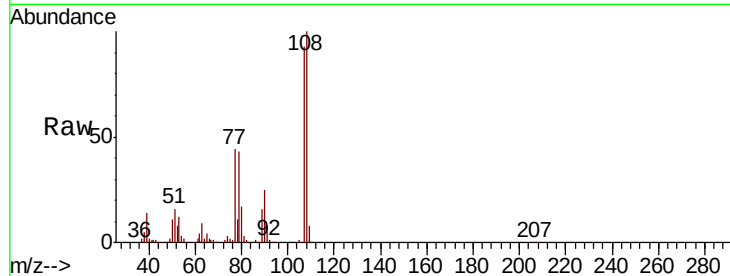
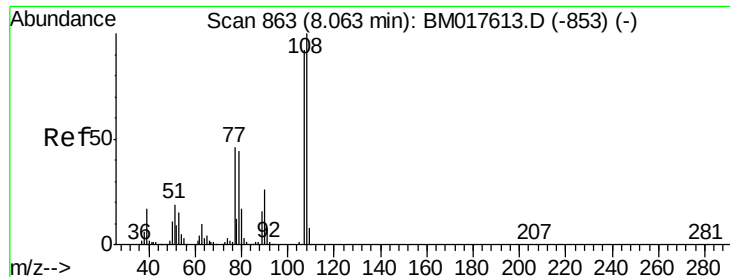
Delta R.T. -0.04 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Tgt Ion:	45	Resp:	582368
Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	34.2
79	13.5	0.0	30.5





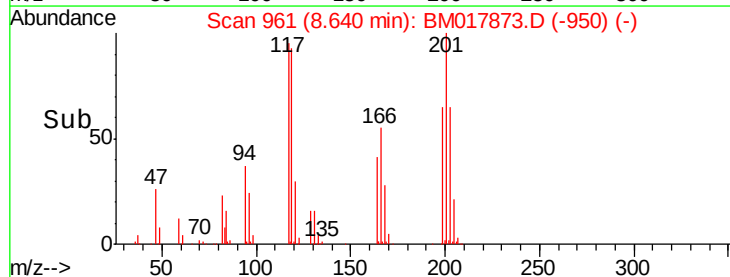
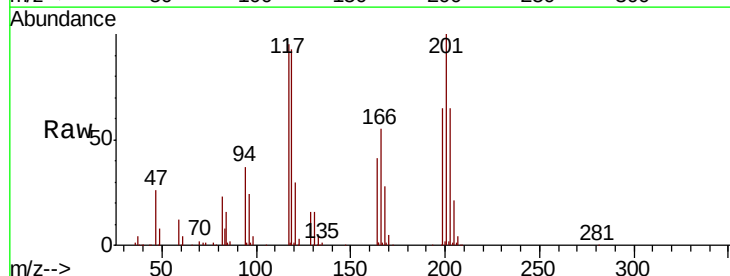
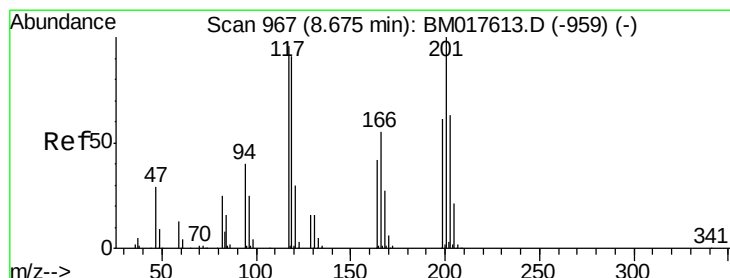
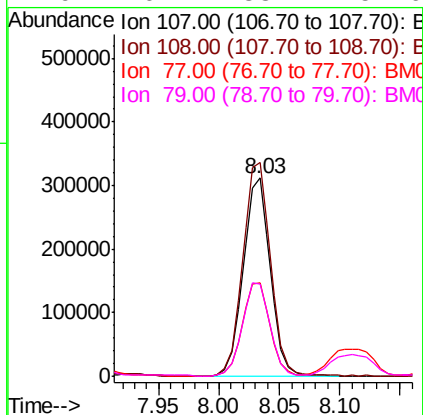
#17
2-Methylphenol
Concen: 46.818 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tot Ion	107	Resp	485935
Ion Ratio	Lower	Upper	
107	100		
108	107.8	86.7	130.1
77	47.4	39.8	59.6
79	46.7	38.4	57.6

Instrument :
BNA_M
ClientSampled :
PB115173BS

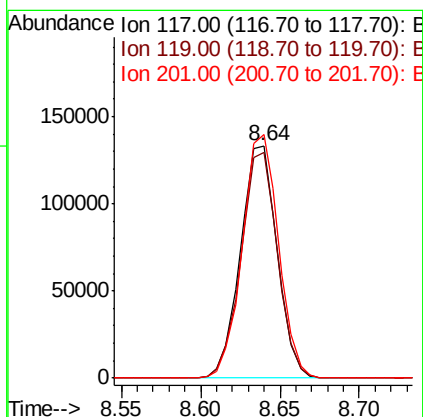
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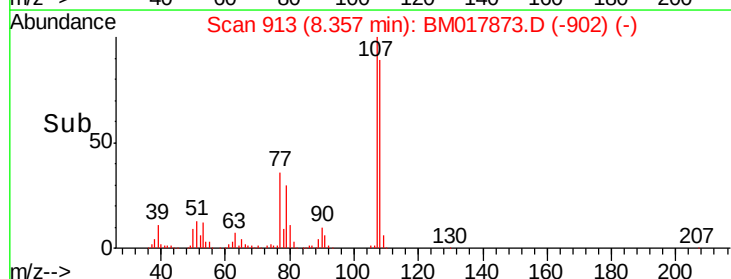
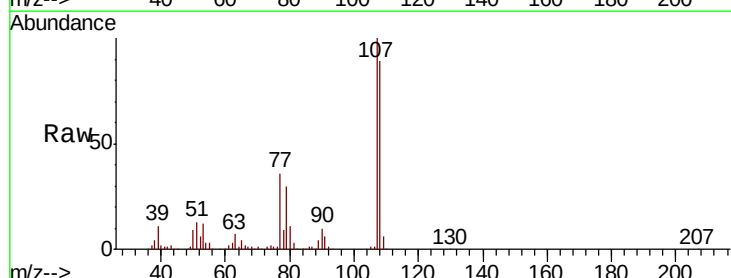
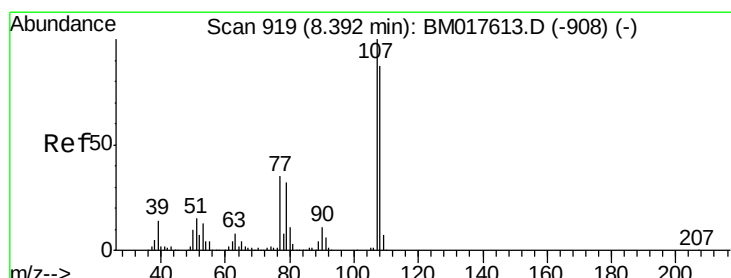
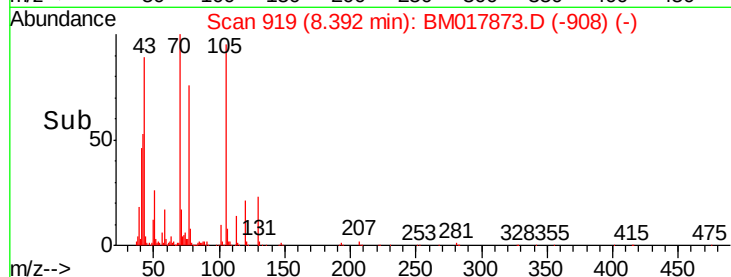
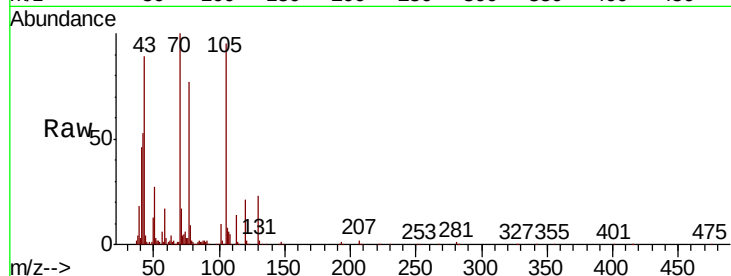
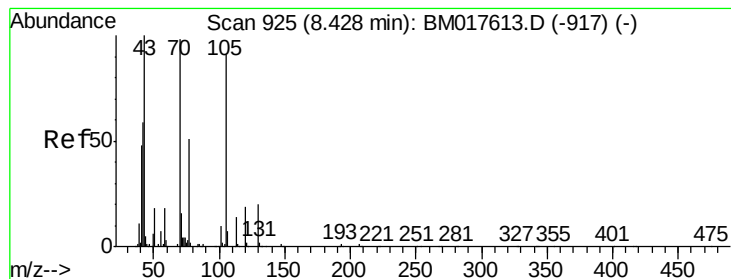
mohammad
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#18
Hexachloroethane
Concen: 42.050 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	117	Resp	214373
Ion Ratio	Lower	Upper	
117	100		
119	97.3	75.8	113.8
201	104.8	83.0	124.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.619 ng

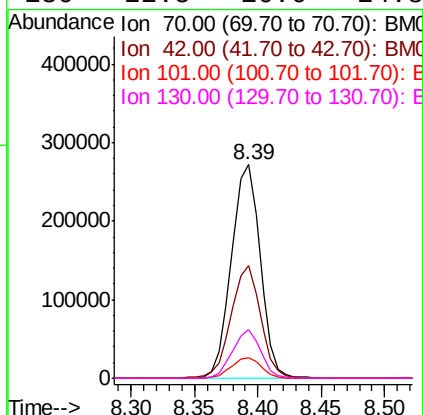
RT: 8.39 min Scan# 919

Delta R.T. -0.04 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.8	48.6	73.0	
101	9.8	7.9	11.9	
130	22.5	16.6	24.8	



Instrument :

BNA_M

ClientSampleId :

PB115173BS

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#20

3+4-Methylphenols

Concen: 44.802 ng

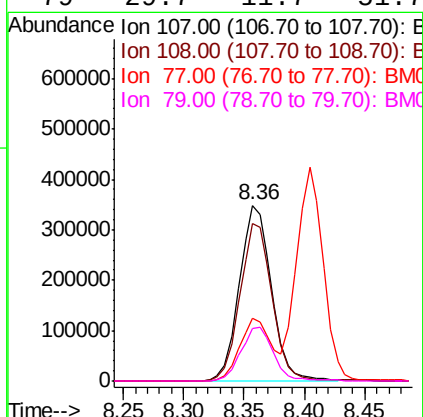
RT: 8.36 min Scan# 913

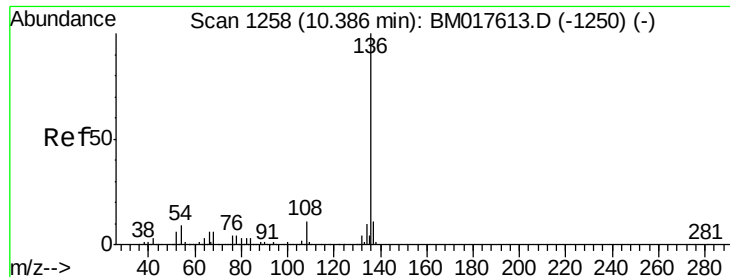
Delta R.T. -0.04 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	67.0	107.0	
77	36.0	15.6	55.6	
79	29.7	11.7	51.7	





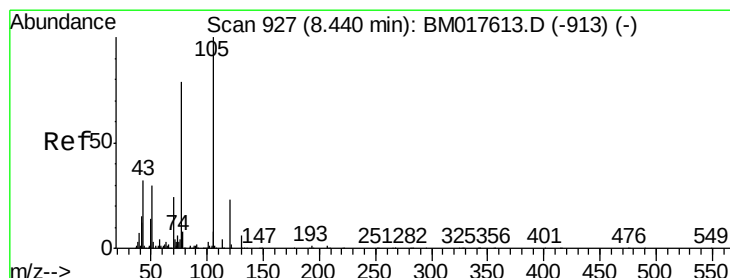
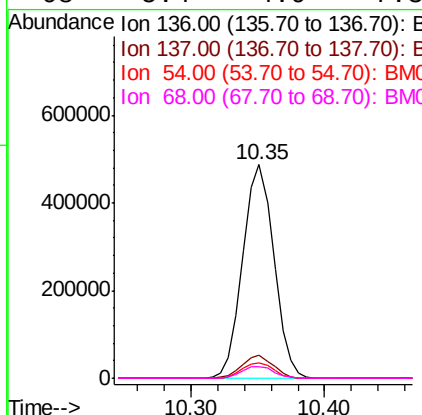
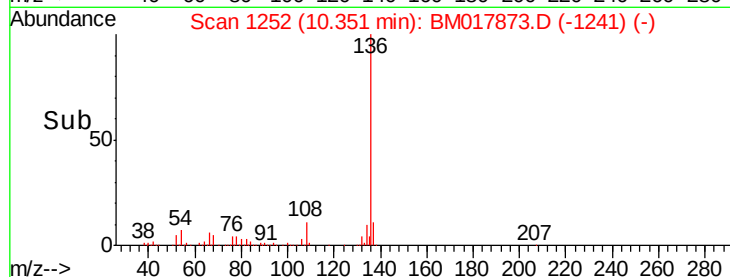
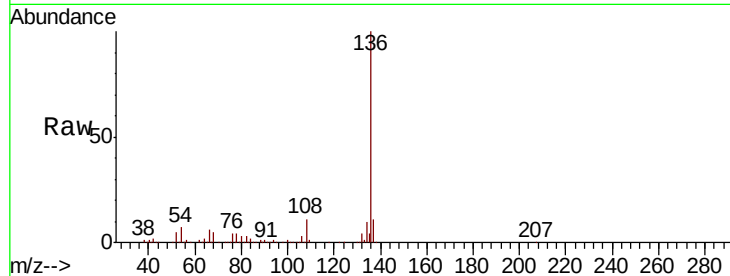
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	790180		
137	10.8	8.6	12.8	
54	7.2	7.0	10.6	
68	5.4	4.9	7.3	

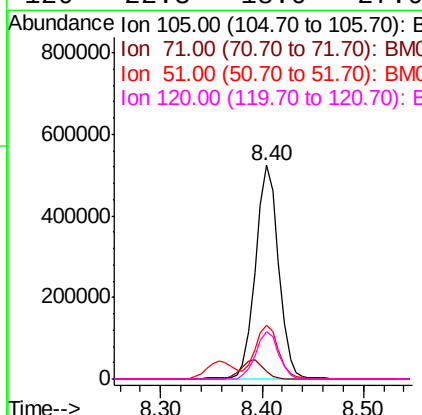
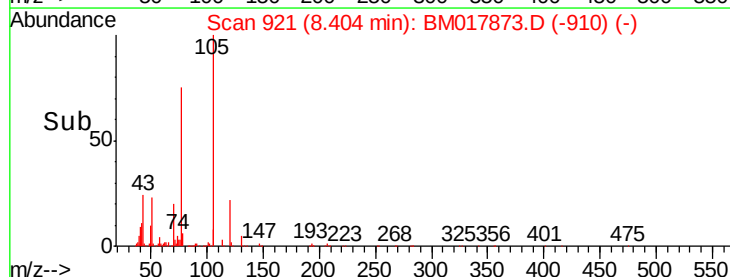
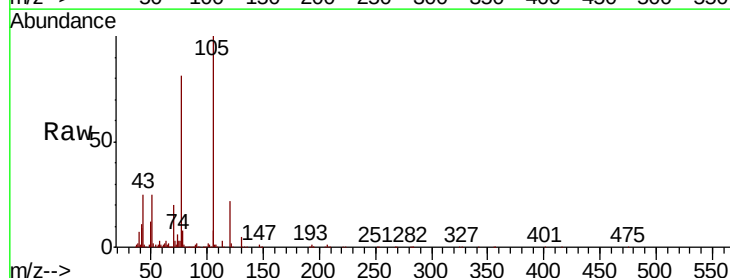
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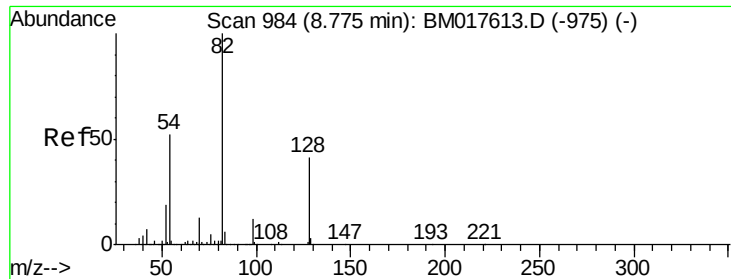
mohammad
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#22
Acetophenone
Concen: 42.137 ng
RT: 8.40 min Scan# 921
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	831010		
71	3.3	3.1	4.7	
51	25.1	23.8	35.8	
120	22.3	18.0	27.0	





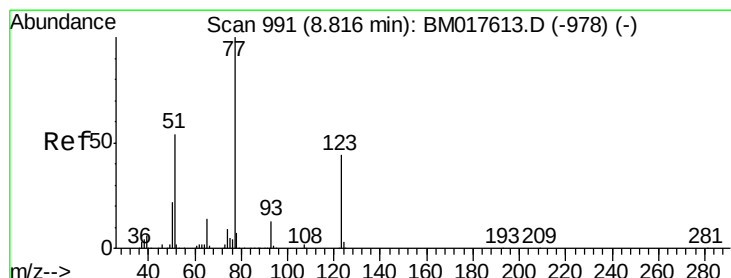
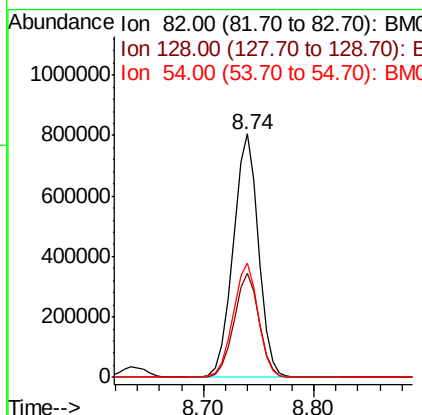
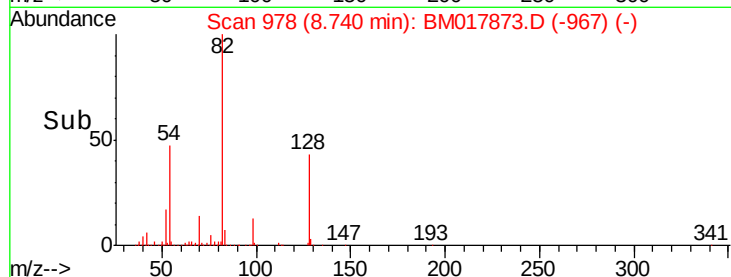
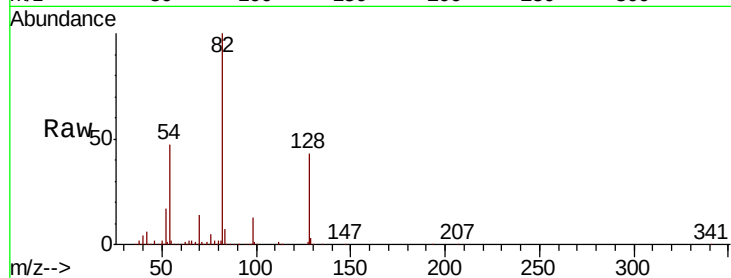
#23
 Nitrobenzene-d5
 Concen: 84.533 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.04 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Instrument :
 BNA_M
 ClientSampled :
 PB115173BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.0	49.4
54	47.0	41.4	62.2

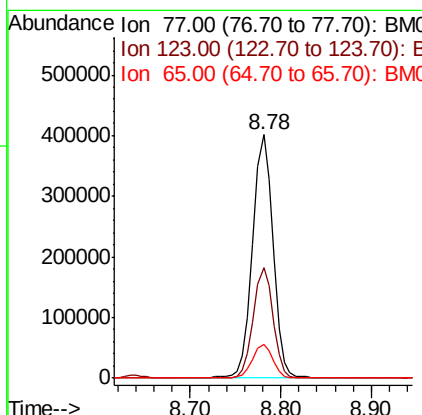
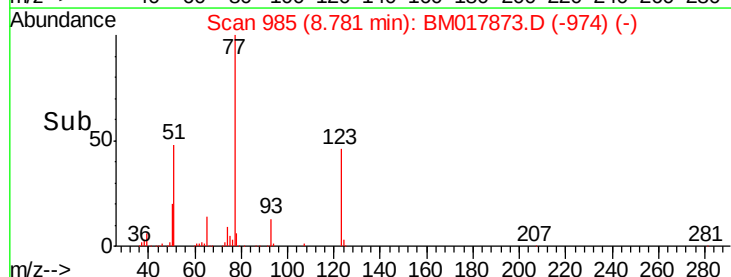
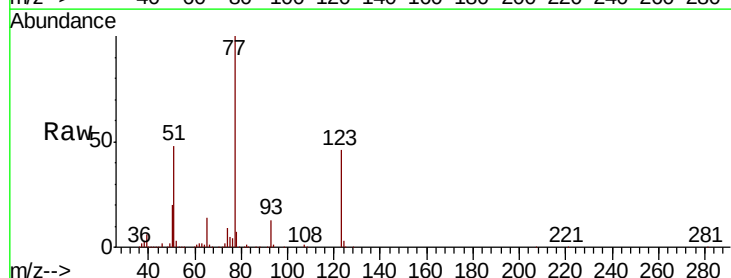
Manual Integrations
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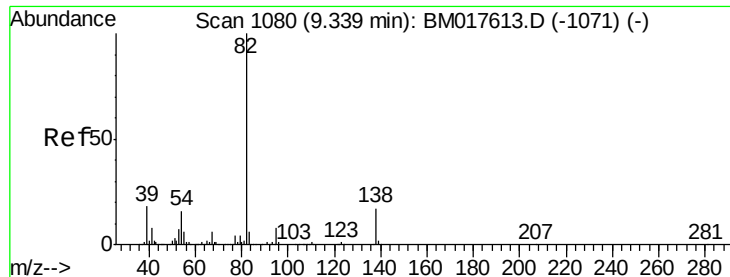
mohammad
 12/3/2018 4:58:36 PM



#24
 Nitrobenzene
 Concen: 40.680 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.04 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	35.1	52.7
65	13.9	11.0	16.6





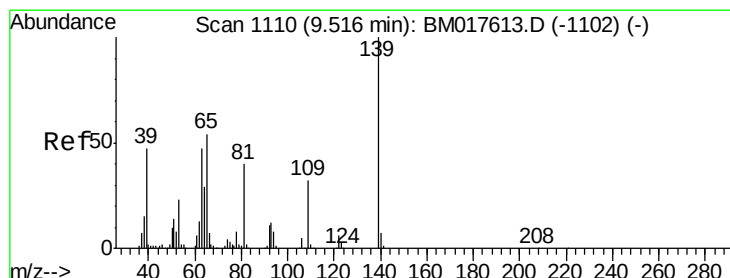
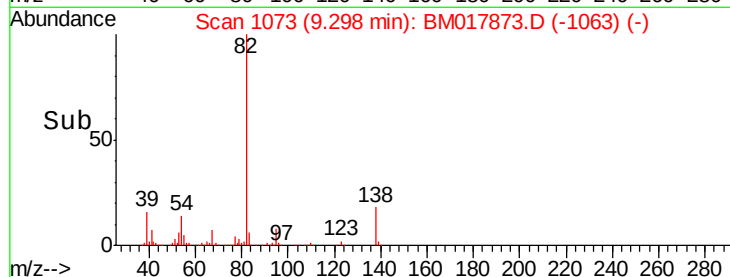
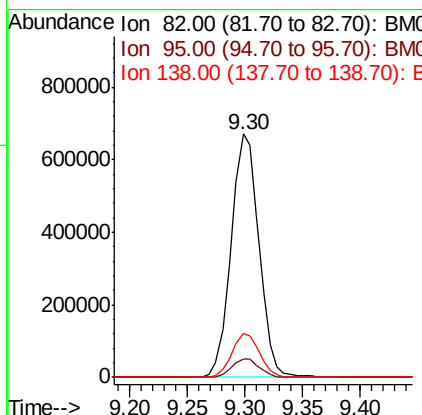
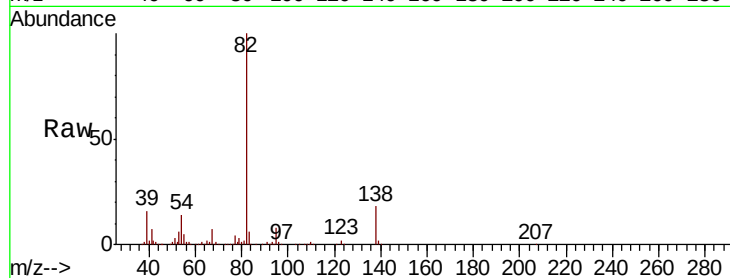
#25
Isophorone
Concen: 47.376 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	18.2	13.9	20.9

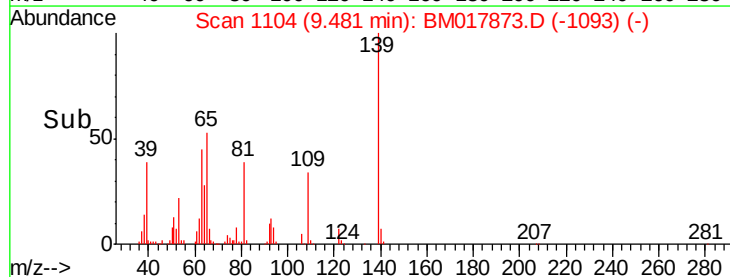
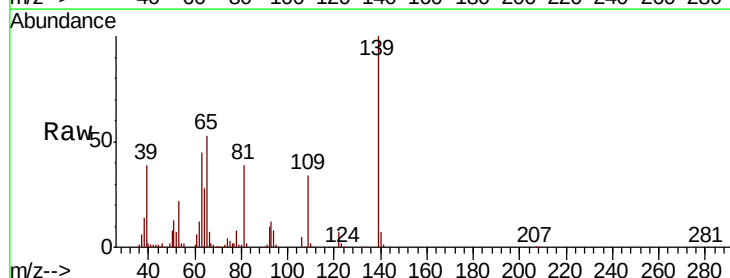
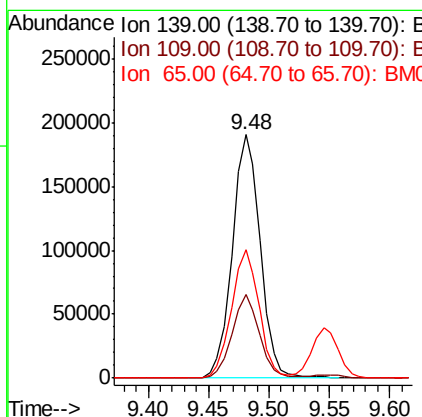
Manual Integrations
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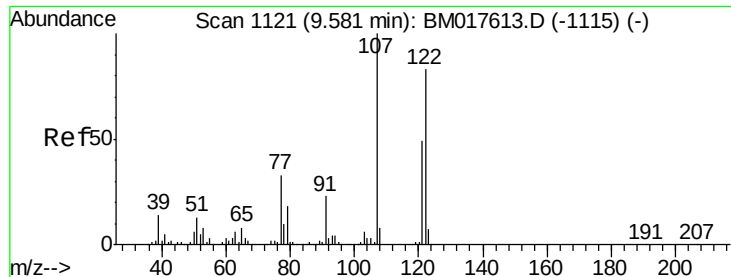
mohammad
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#26
2-Nitrophenol
Concen: 43.045 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	34.2	25.9	38.9
65	52.7	43.0	64.4





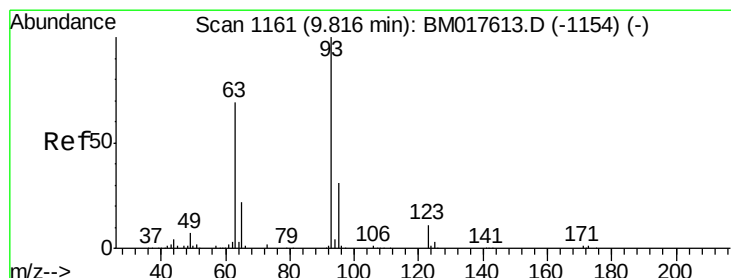
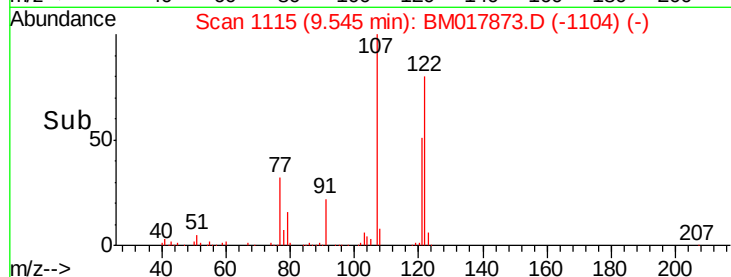
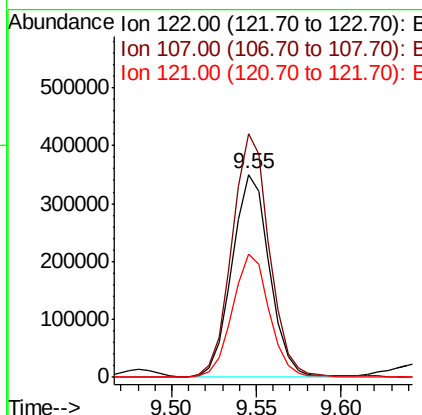
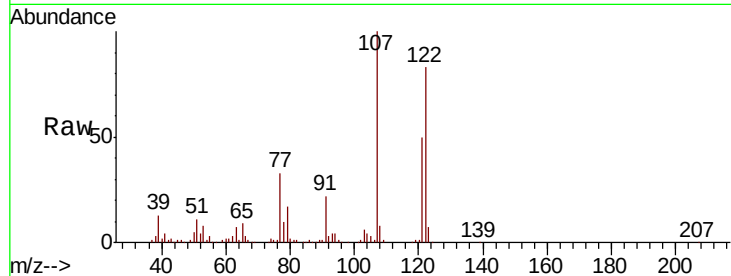
#27
2,4-Dimethylphenol
Concen: 51.937 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.2	95.8	143.8
121	60.7	47.2	70.8

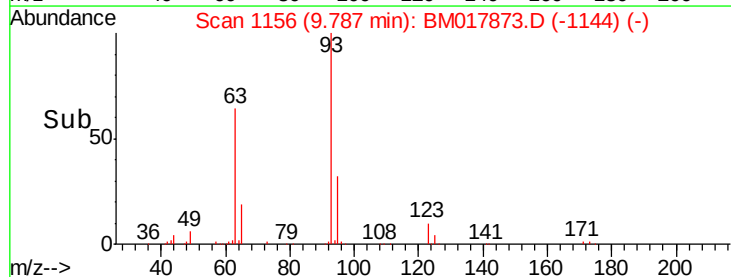
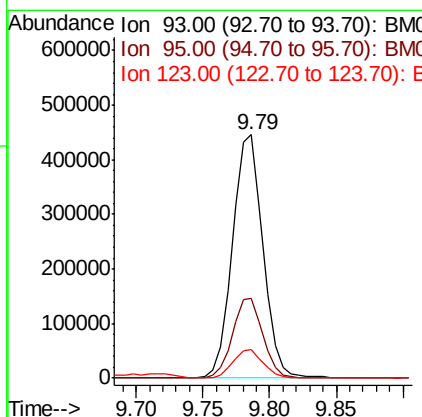
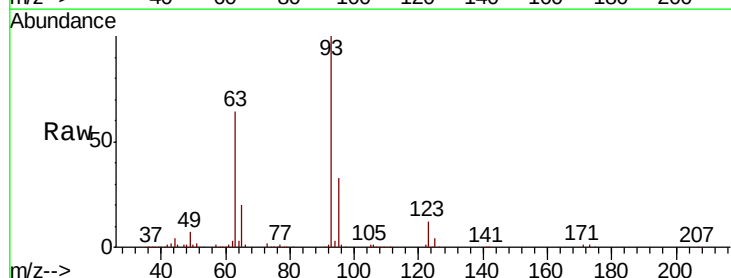
Manual Integrations
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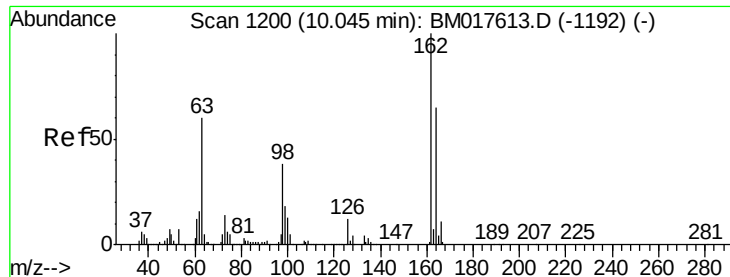
mohammad
12/3/2018 4:58:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.204 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.9	37.3
123	11.7	8.7	13.1





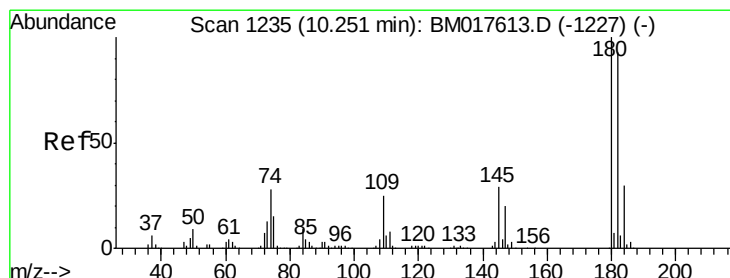
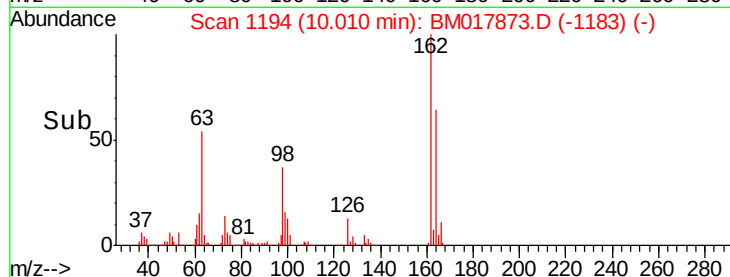
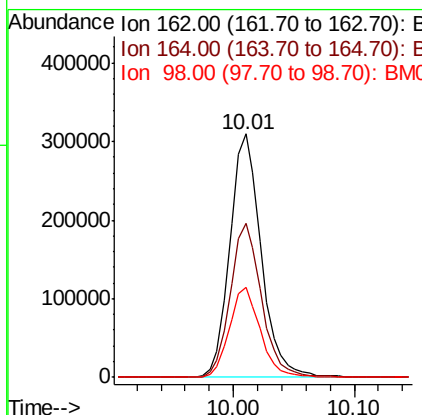
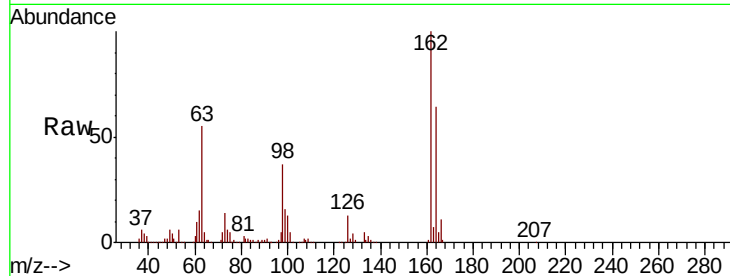
#29
2,4-Dichlorophenol
Concen: 46.773 ng
RT: 10.01 min Scan# 1194
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	559738		
164	63.5	45.0	85.0	
98	36.9	17.5	57.5	

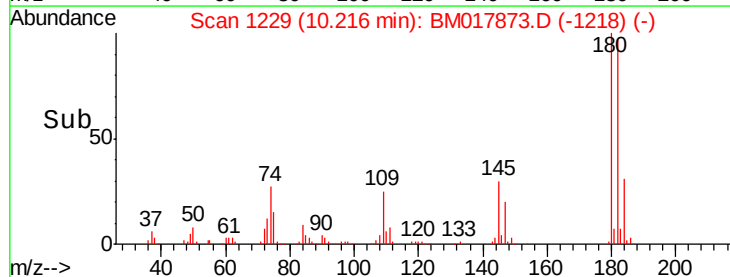
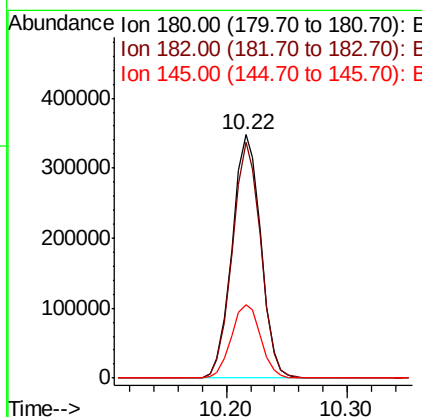
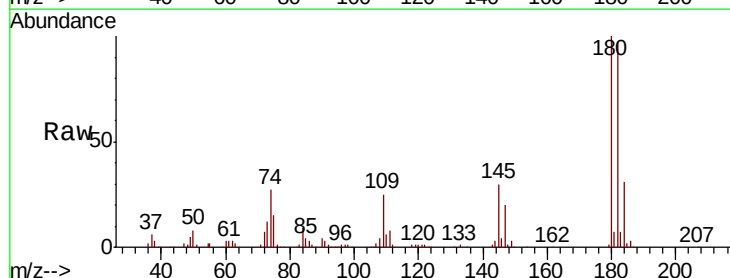
Manual Integrations
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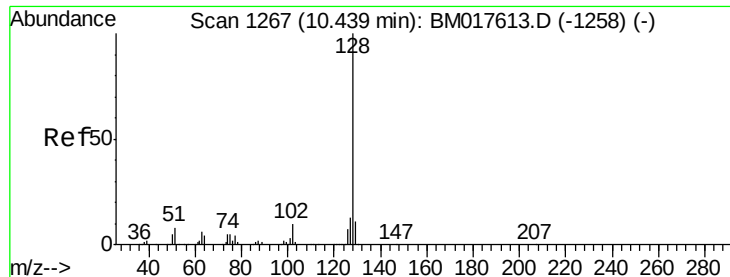
mohammad
12/3/2018 4:58:36 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.515 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	577825		
182	96.8	74.4	111.6	
145	30.3	23.5	35.3	





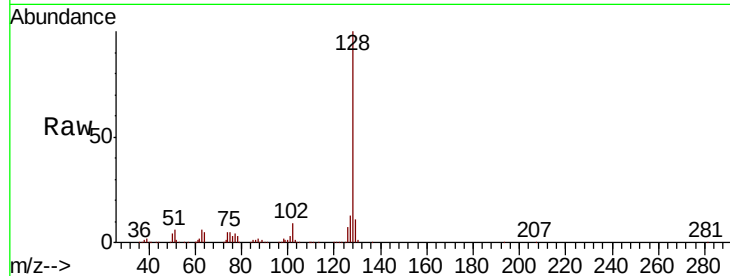
#31
Naphthalene
Concen: 45.268 ng
RT: 10.40 min Scan# 1261
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.3	10.3	15.5

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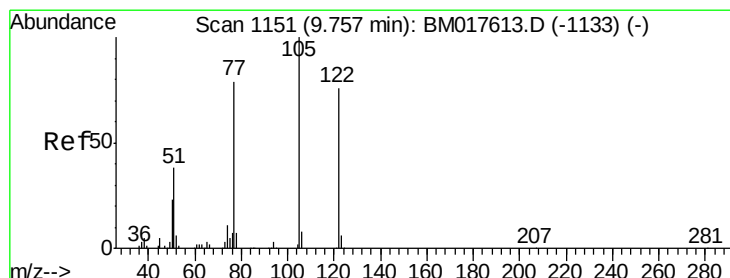
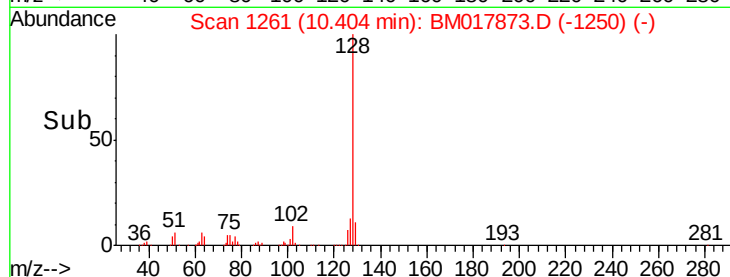
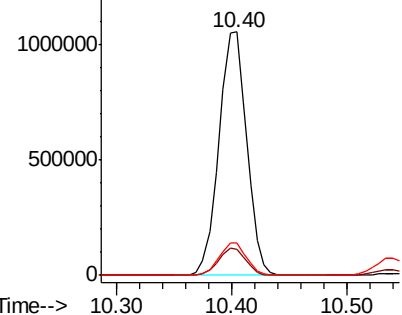


Abundance

Ion 128.00 (127.70 to 128.70): E

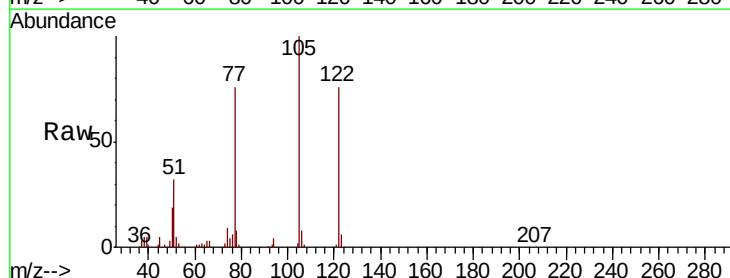
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.184 ng m
RT: 9.72 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.0	109.1	149.1
77	100.0	82.1	122.1

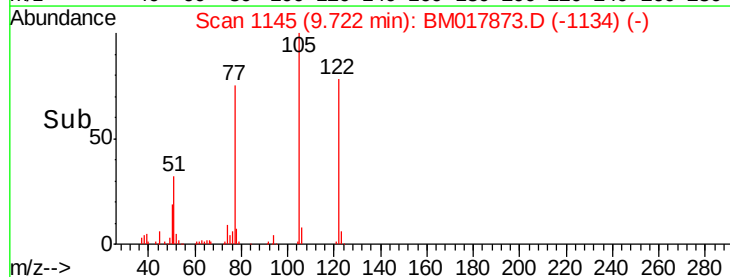
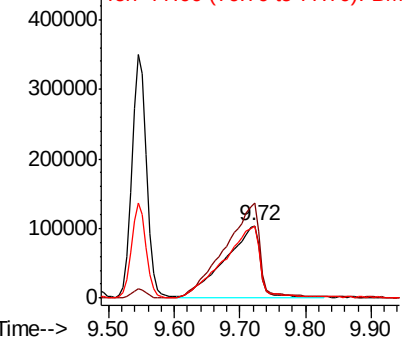


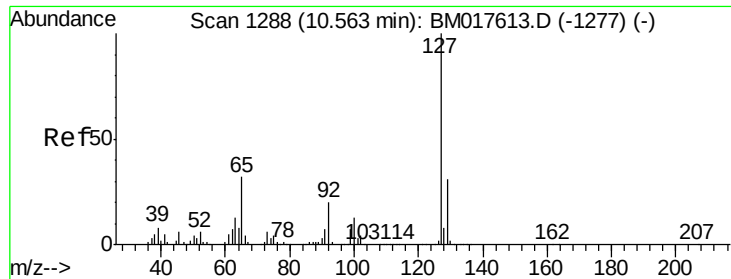
Abundance

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): BM





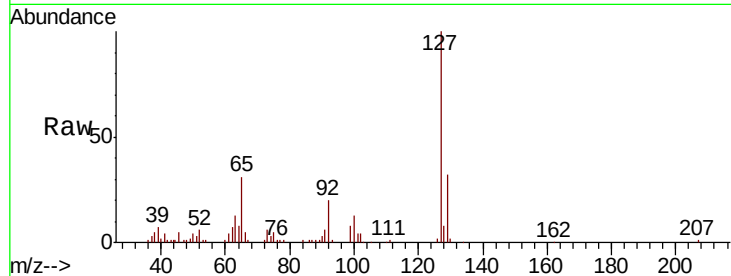
#33
4-Chloroaniline
Concen: 8.899 ng
RT: 10.54 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.0	37.4	
65	30.7	25.8	38.8	
92	19.8	15.8	23.6	

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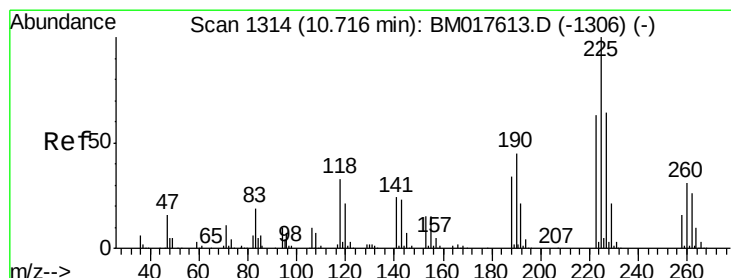
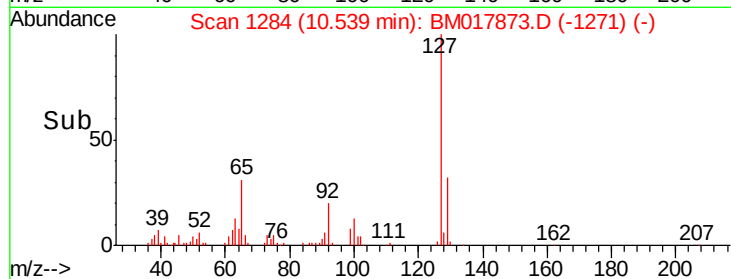
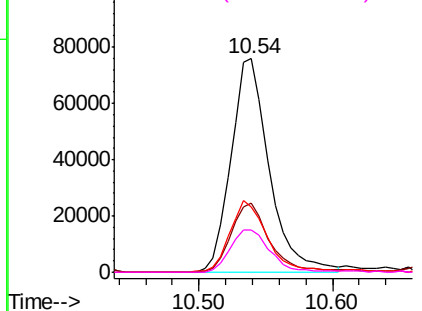
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

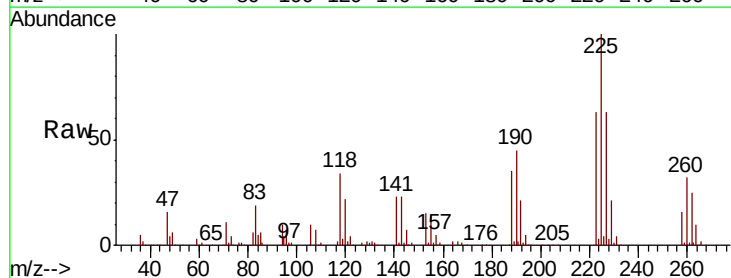
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 40.186 ng
RT: 10.67 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.7	76.1	
227	63.4	51.0	76.4	

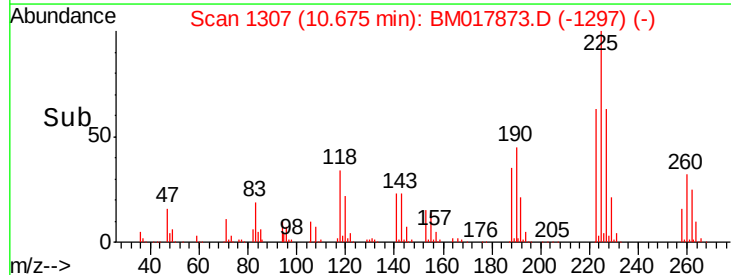
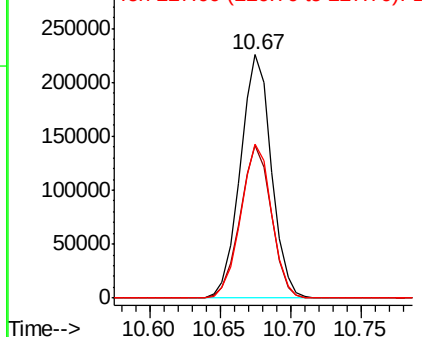


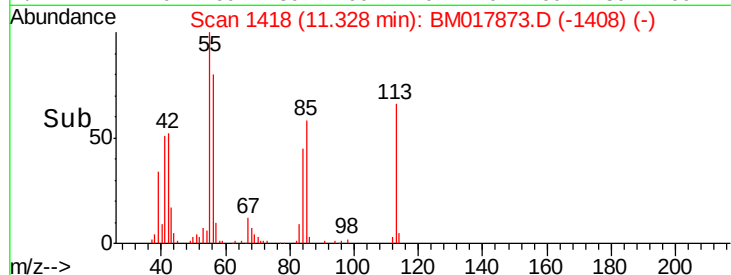
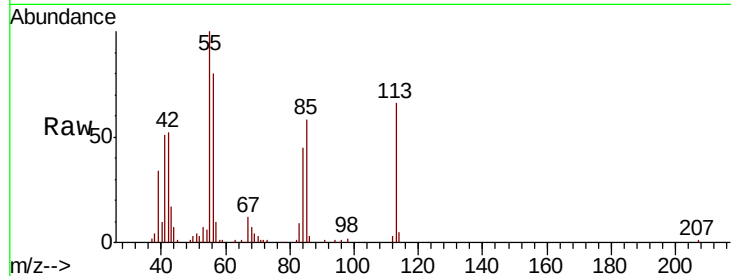
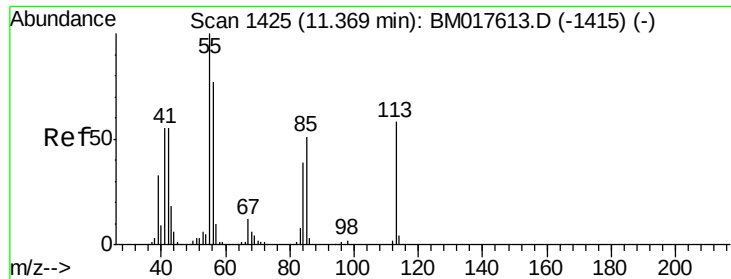
Abundance

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





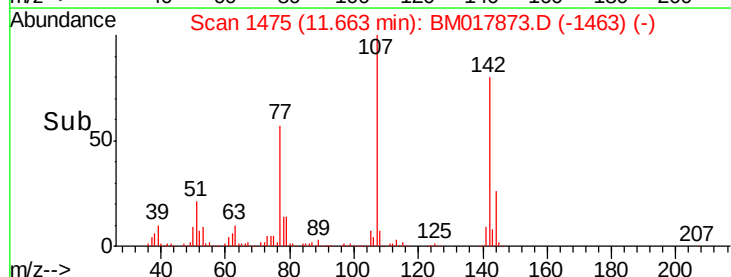
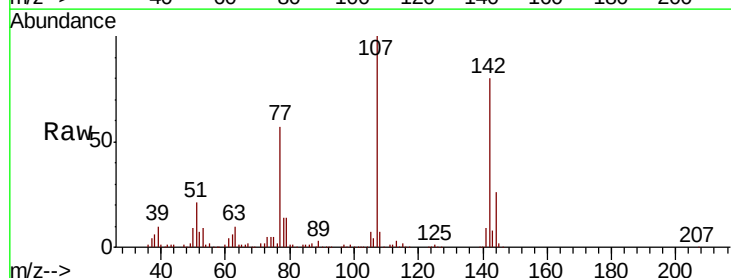
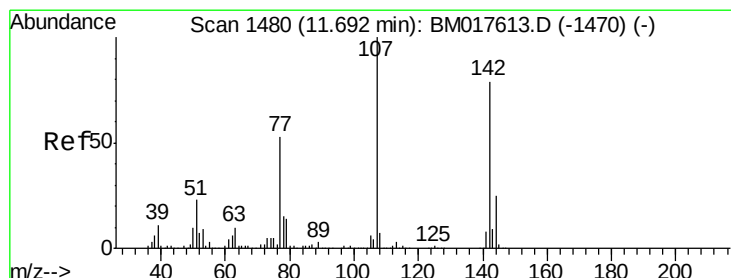
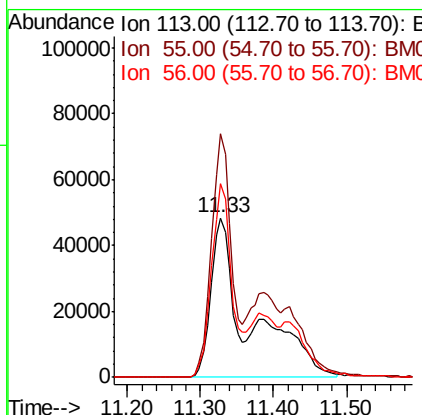
#35
Caprolactam
Concen: 39.390 ng/ml
RT: 11.33 min Scan# 1418
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.5	153.1	193.1#
56	121.6	112.7	152.7

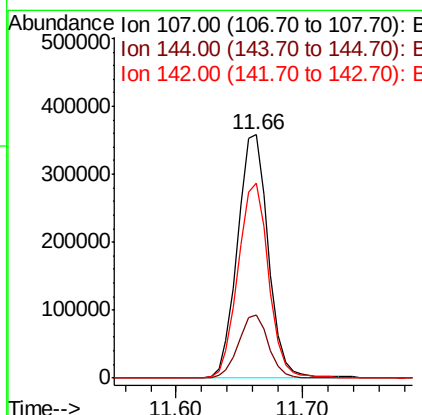
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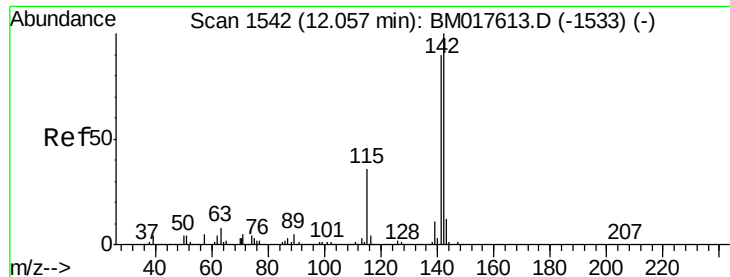
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#36
4-Chloro-3-methylphenol
Concen: 43.669 ng/ml
RT: 11.66 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.9	29.9
142	79.9	63.0	94.4





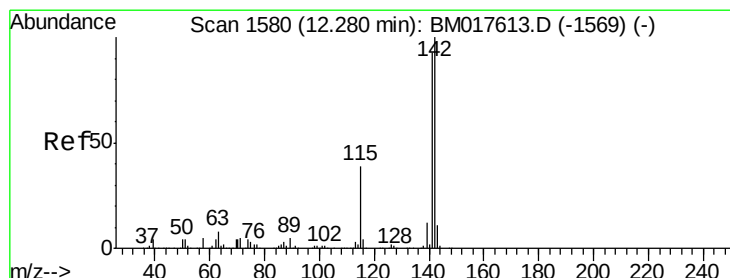
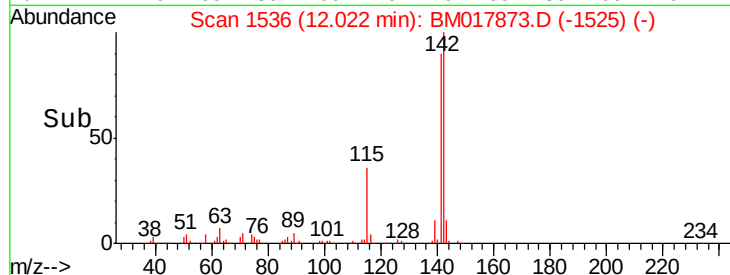
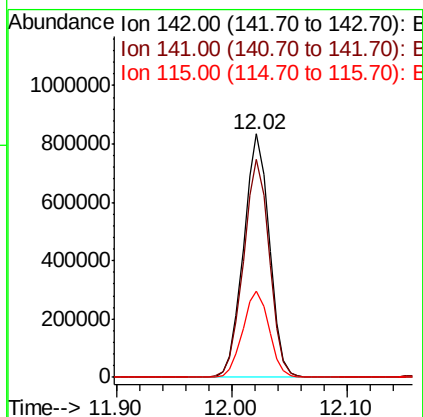
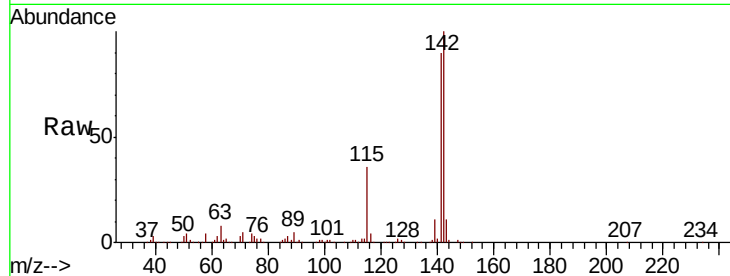
#37
2-Methylnaphthalene
Concen: 47.320 ng
RT: 12.02 min Scan# 1536
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampled :
PB115173BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.4
115	35.6	28.5	42.7

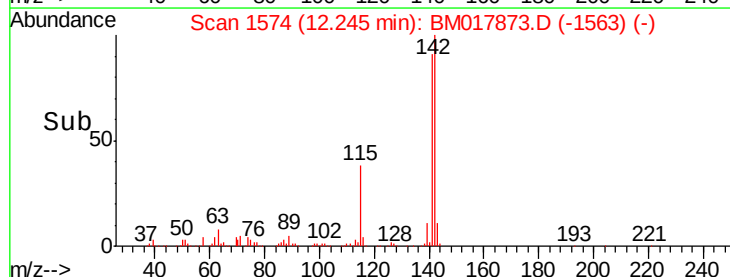
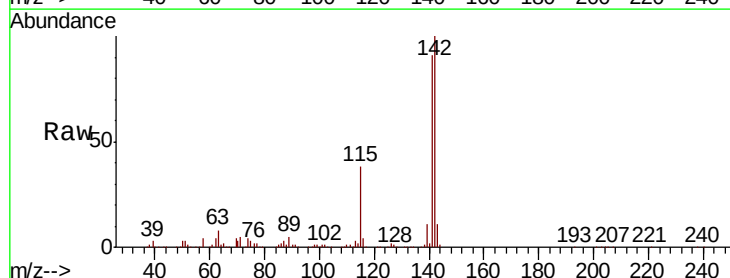
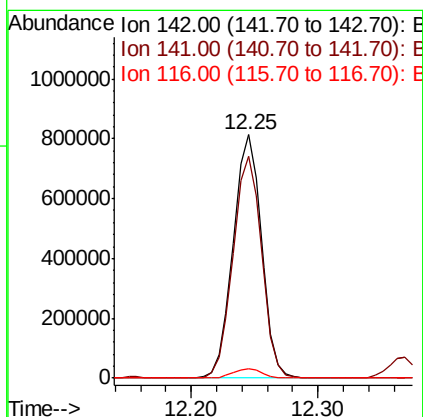
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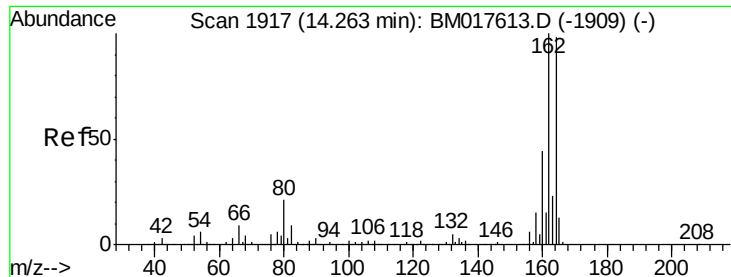
mohammad
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#38
1-Methylnaphthalene
Concen: 46.358 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.2	111.4
116	4.1	3.1	4.7





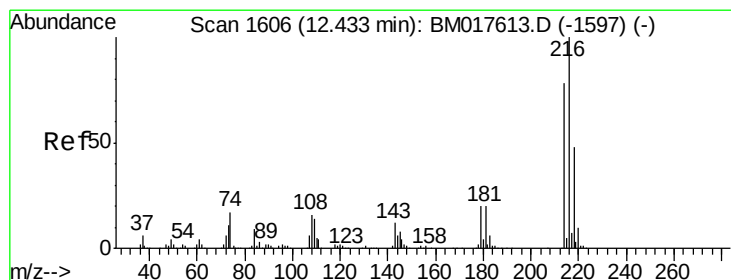
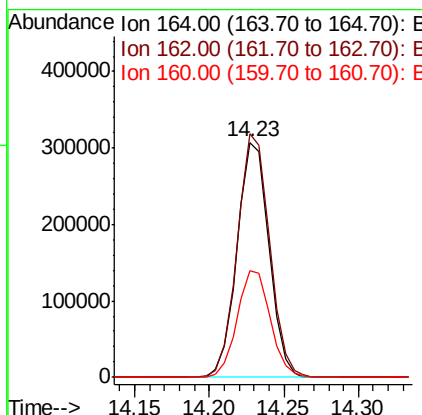
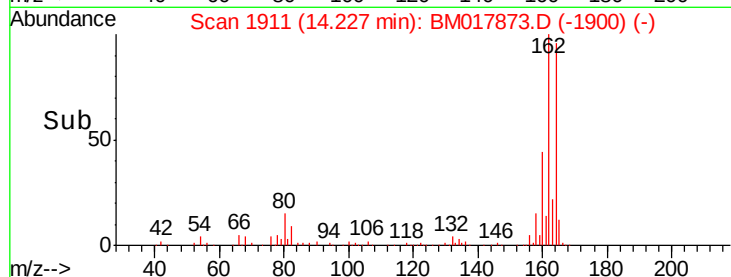
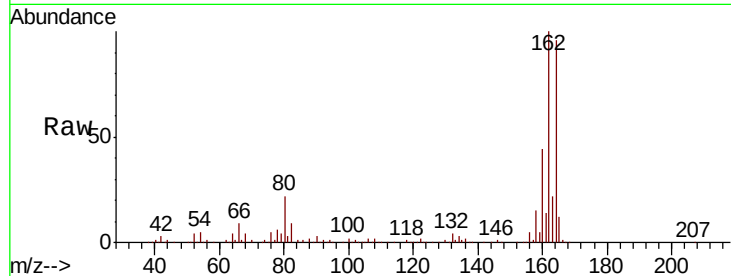
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.4	122.0
160	45.5	35.6	53.4

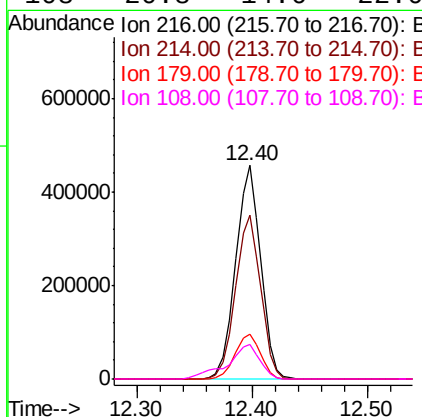
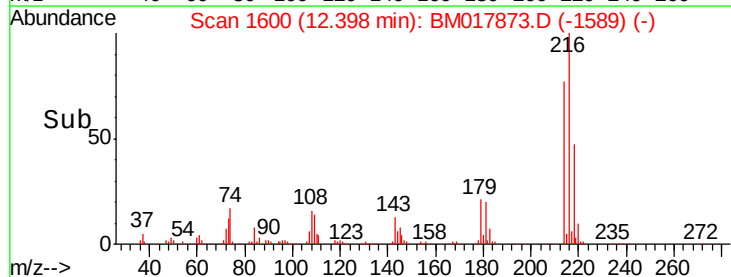
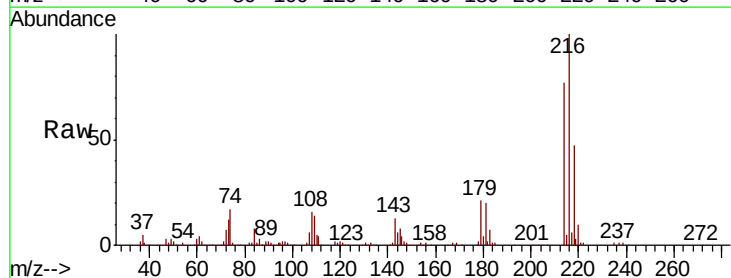
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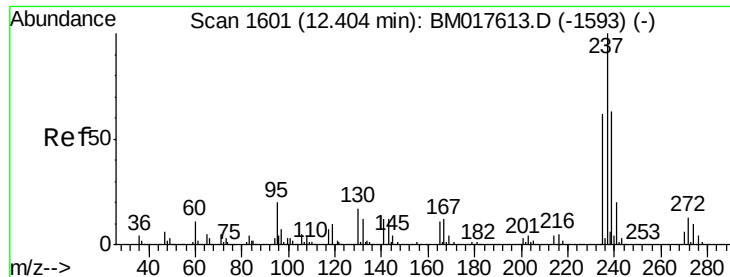
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.494 ng
RT: 12.40 min Scan# 1600
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.5	93.7
179	21.4	16.8	25.2
108	20.8	14.6	22.0





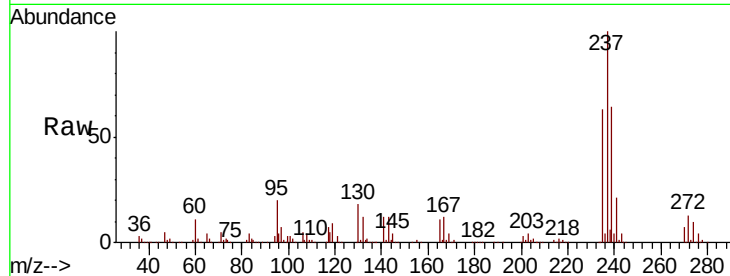
#41
Hexachlorocyclopentadiene
Concen: 102.071 ng
RT: 12.37 min Scan# 1595
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.7	42.2	82.2
272	13.1	0.0	32.6

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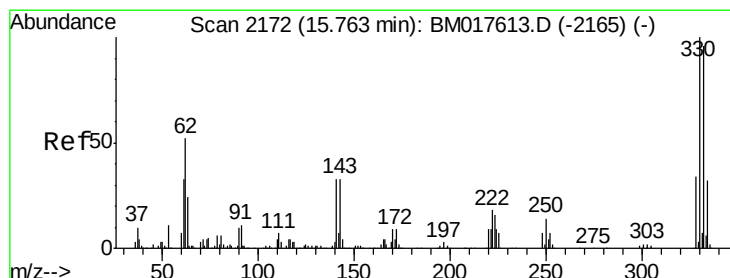
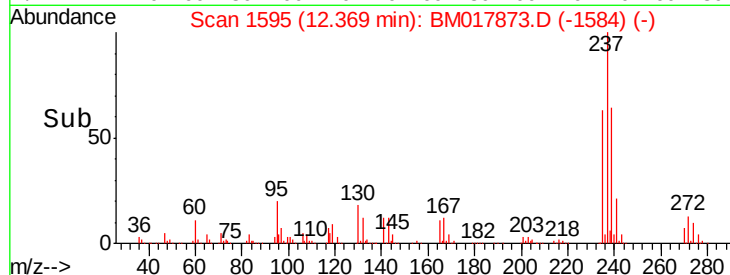
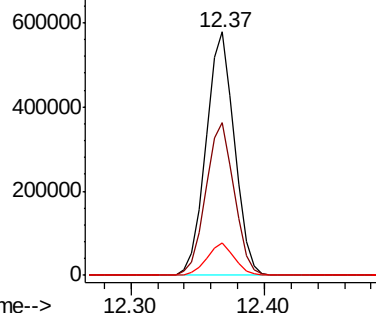


Abundance

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: 92.996 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

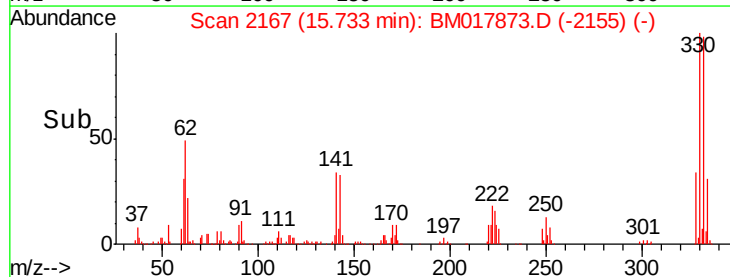
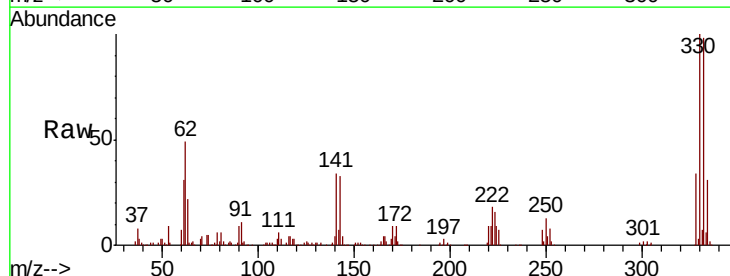
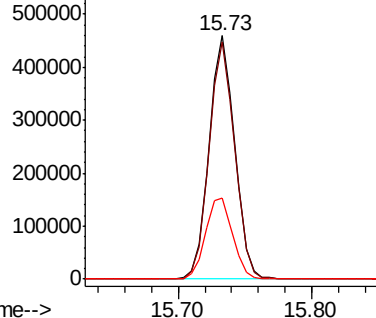
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.3	77.9	116.9
141	35.4	27.5	41.3

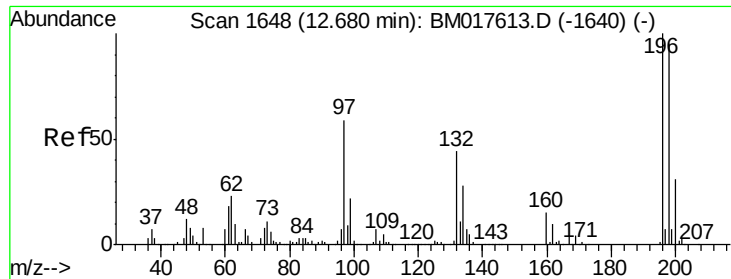
Abundance

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: 45.416 ng

RT: 12.65 min Scan# 1643

Delta R.T. -0.03 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Instrument :

BNA_M

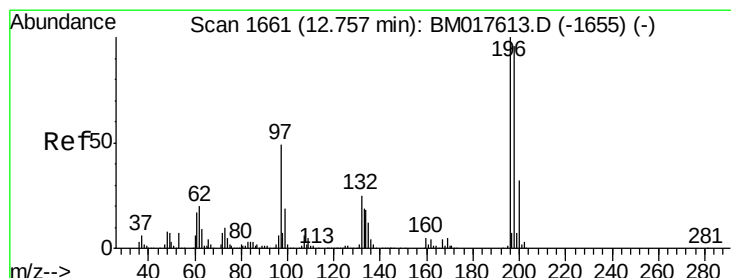
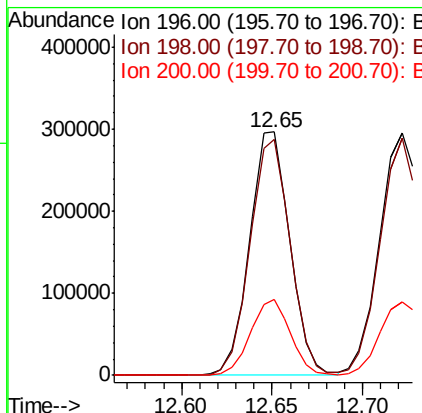
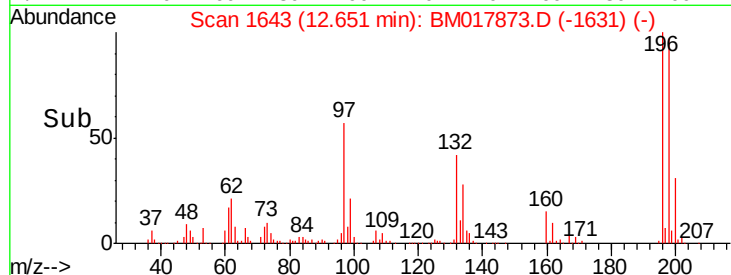
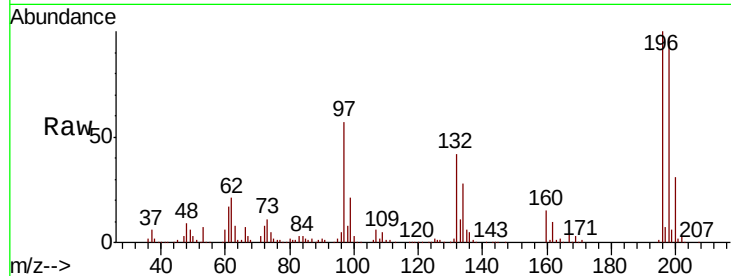
ClientSampleId :

PB115173BS

Tot Ion:	196	Resp:	457711
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.6	113.4
200	31.2	24.8	37.2

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#44

2,4,5-Trichlorophenol

Concen: 45.876 ng

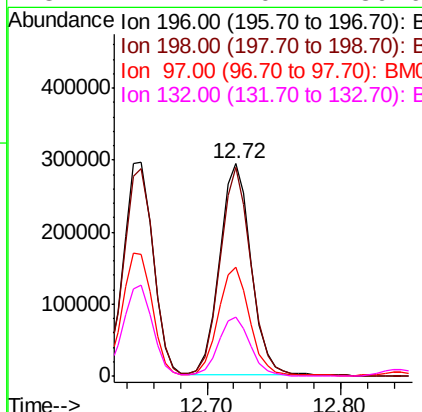
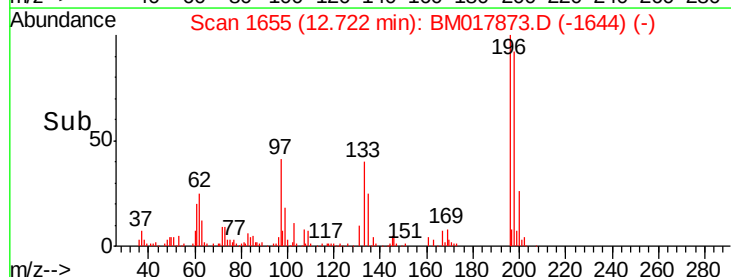
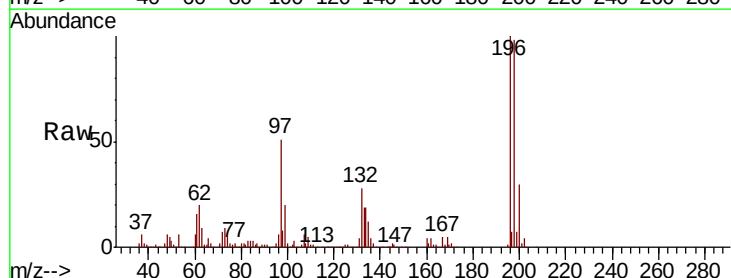
RT: 12.72 min Scan# 1655

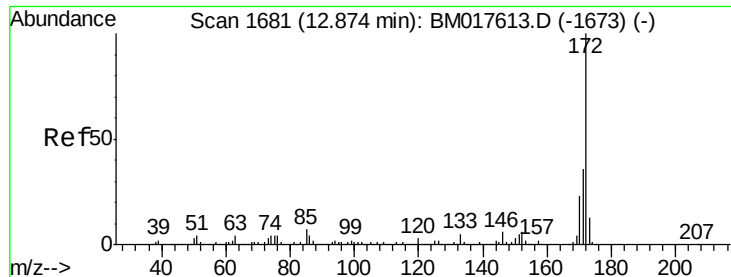
Delta R.T. -0.04 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Tgt Ion:	196	Resp:	488179
Ion Ratio	Lower	Upper	
196	100		
198	98.0	76.8	115.2
97	51.3	39.0	58.6
132	27.7	20.4	30.6





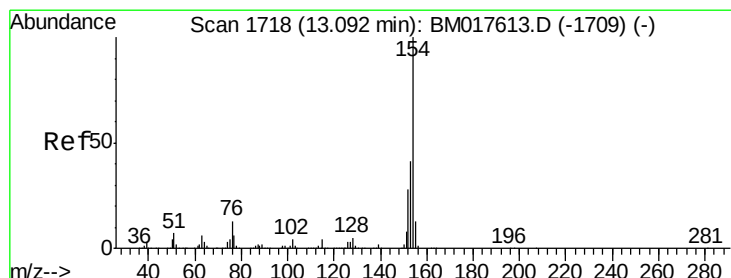
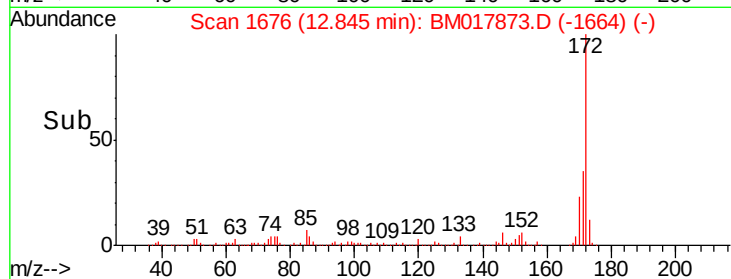
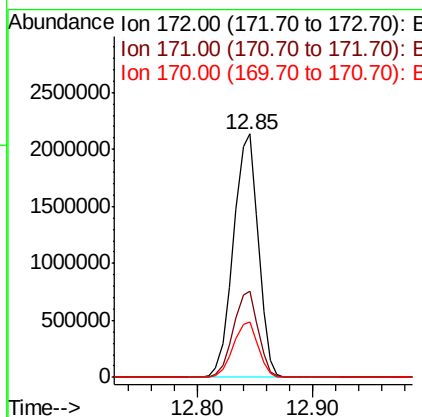
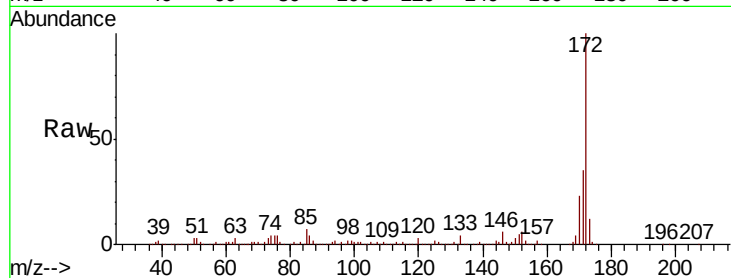
#45
2-Fluorobiphenyl
Concen: 90.568 ng
RT: 12.85 min Scan# 1676
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	22.8	18.3	27.5

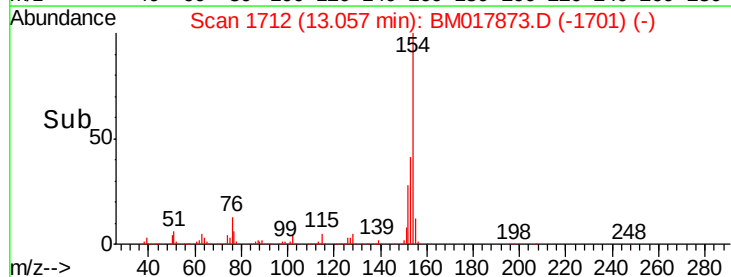
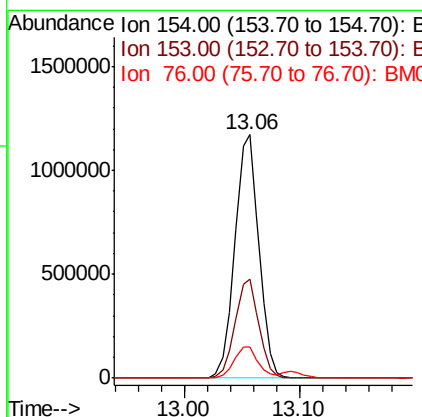
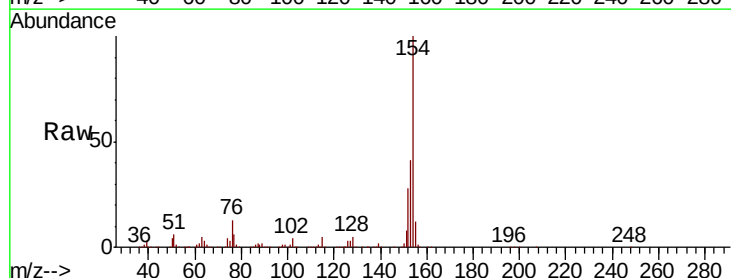
Manual Integrations
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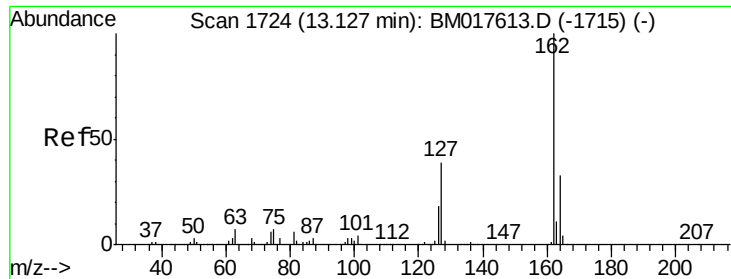
mohammad
12/3/2018 4:58:36 PM



#46
1,1'-Biphenyl
Concen: 40.918 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.8	60.8
76	12.6	0.0	32.8





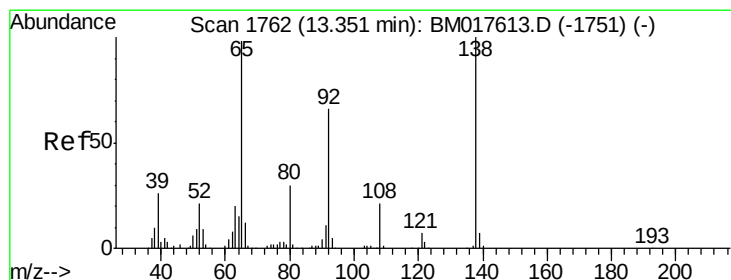
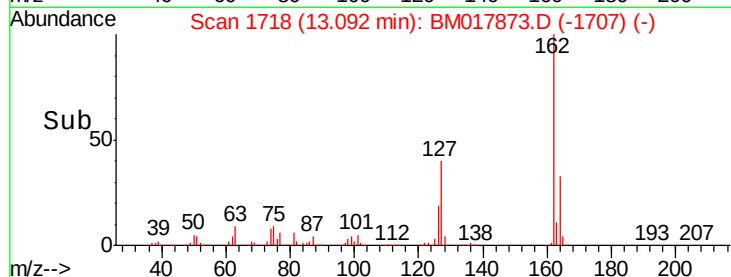
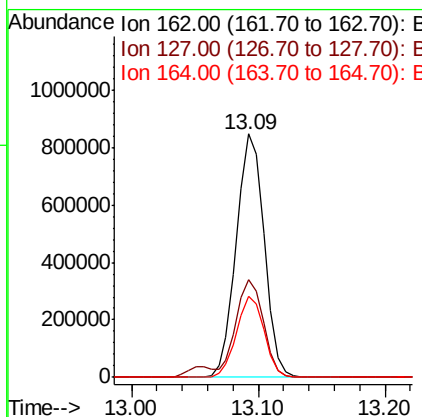
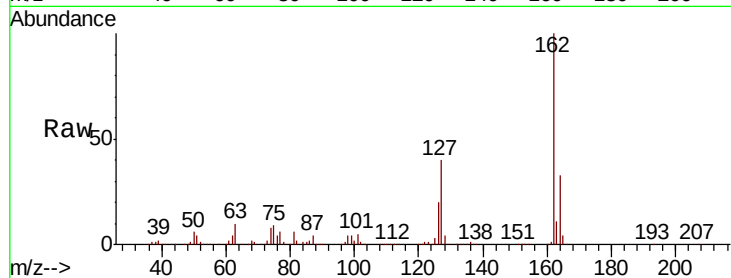
#47
2-Chloronaphthalene
Concen: 42.548 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.6	48.8
164	33.1	26.5	39.7

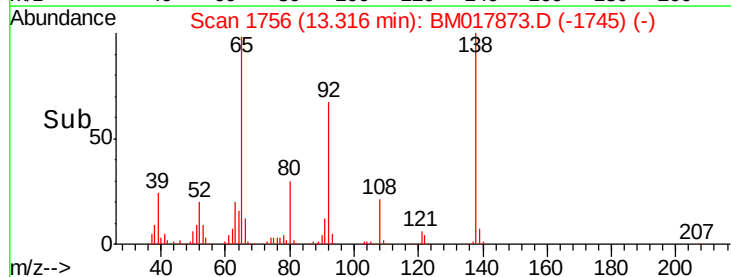
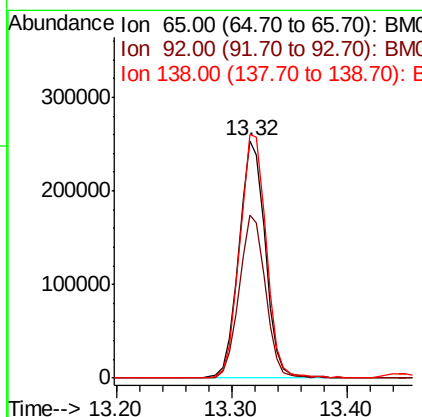
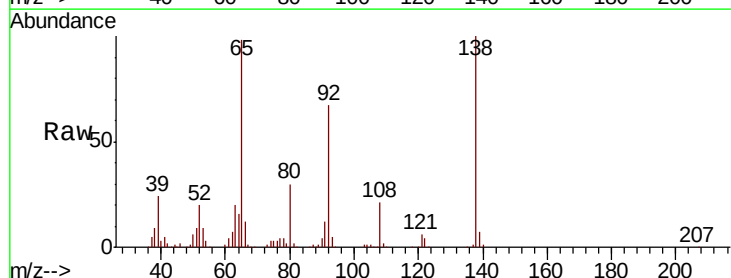
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APPROVED

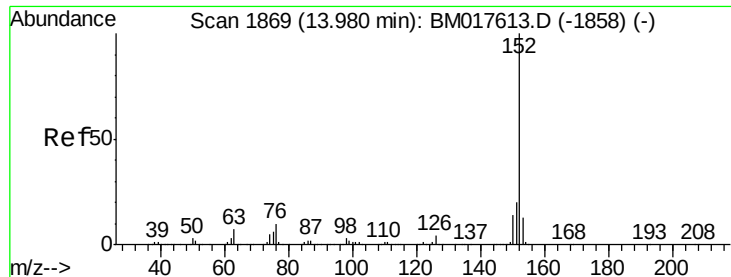
mohammad
12/3/2018 4:58:36 PM



#48
2-Nitroaniline
Concen: 42.684 ng
RT: 13.32 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	53.7	80.5
138	102.4	81.5	122.3





#49

Acenaphthylene

Concen: 46.639 ng

RT: 13.95 min Scan# 1864

Delta R.T. -0.03 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Instrument :

BNA_M

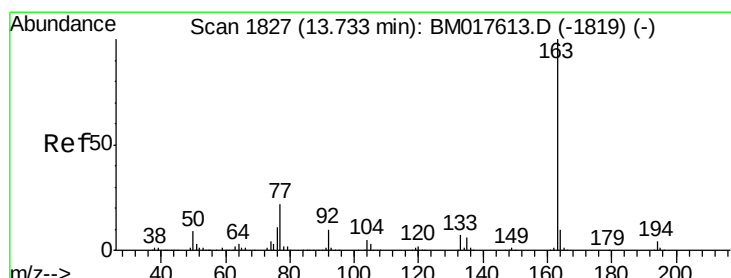
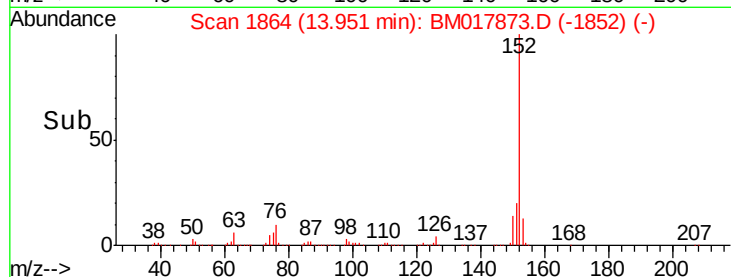
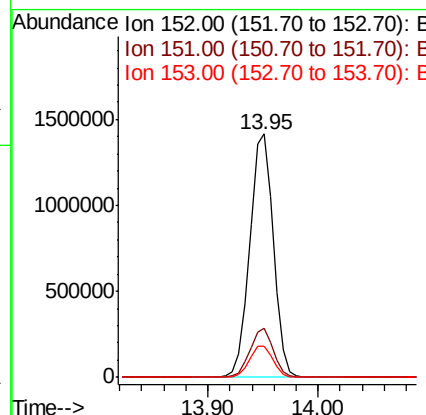
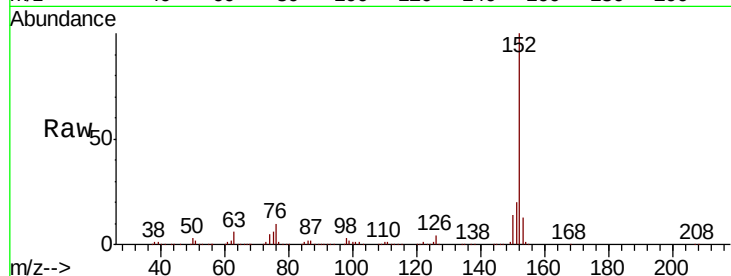
ClientSampleId :

PB115173BS

Tot Ion:	152	Resp:	2130225
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	12.9	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.869 ng

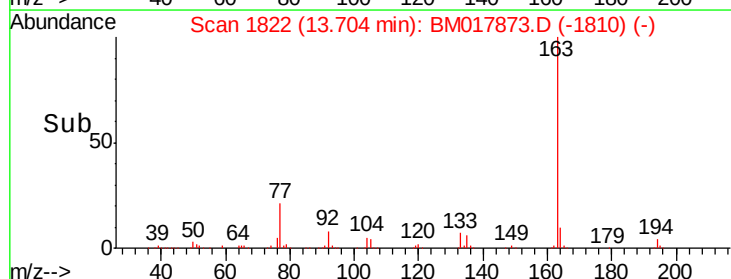
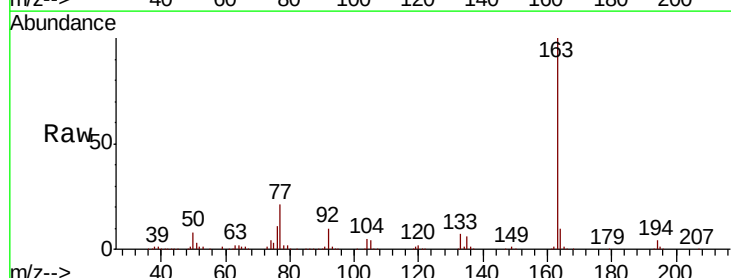
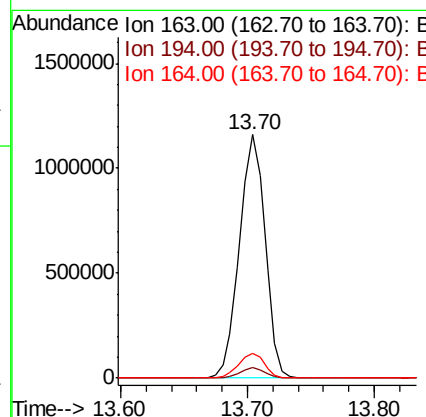
RT: 13.70 min Scan# 1822

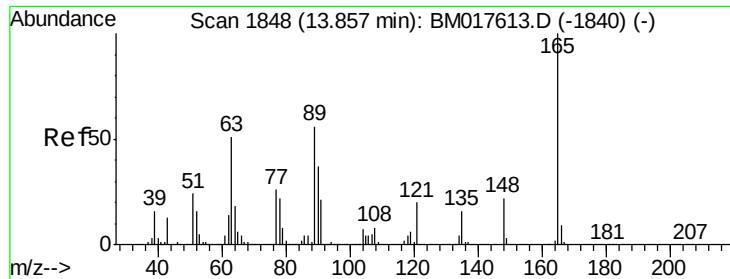
Delta R.T. -0.03 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Tgt Ion:	163	Resp:	1627460
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	10.0	8.2	12.4





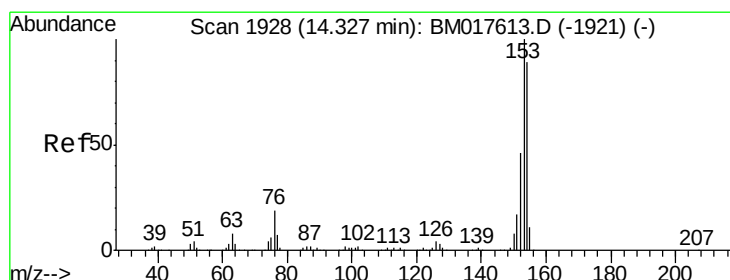
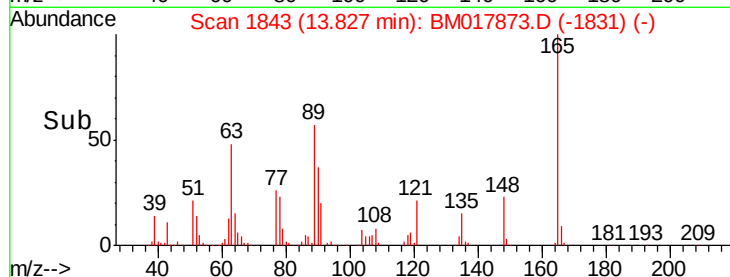
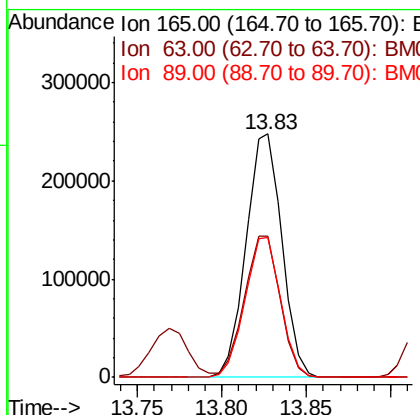
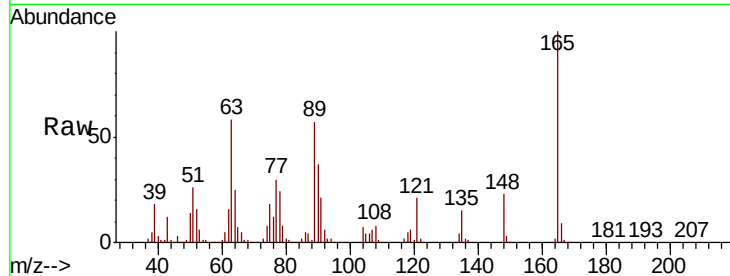
#51
2,6-Dinitrotoluene
Concen: 44.109 ng
RT: 13.83 min Scan# 1843
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.1	47.3	70.9
89	57.3	44.8	67.2

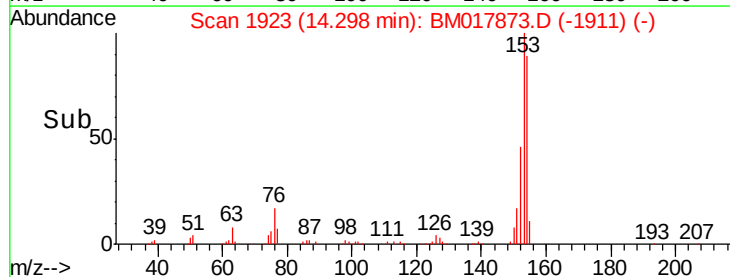
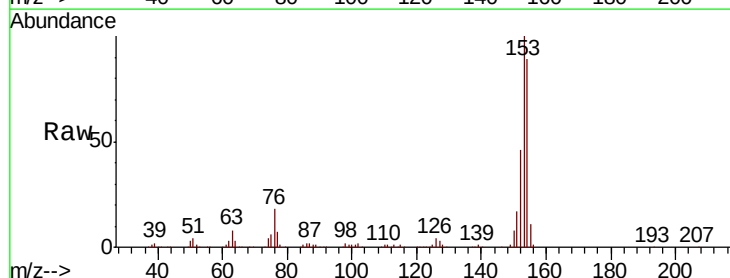
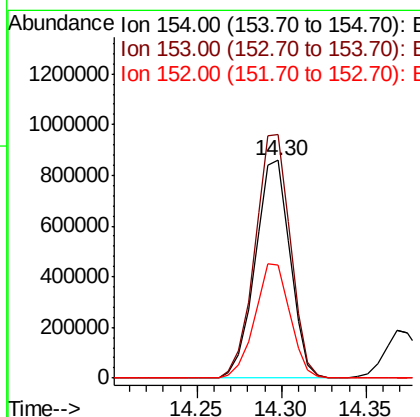
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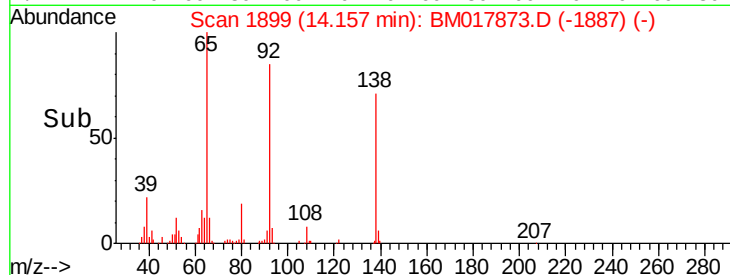
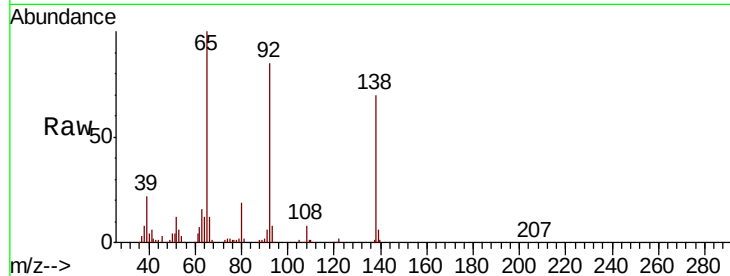
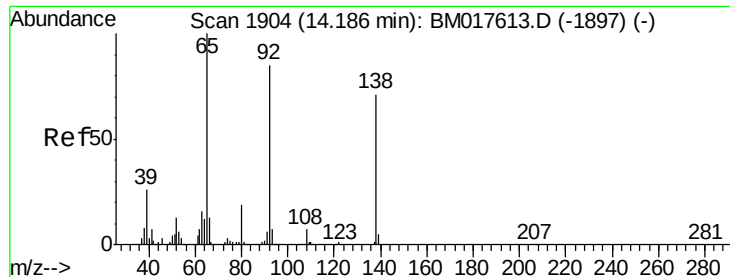
mohammad
12/3/2018 4:58:36 PM



#52
Acenaphthene
Concen: 43.982 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.2	135.4
152	51.9	41.6	62.4





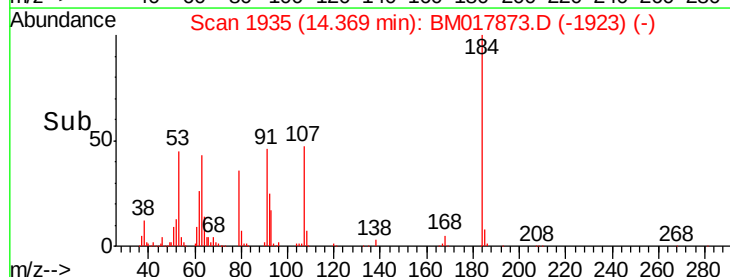
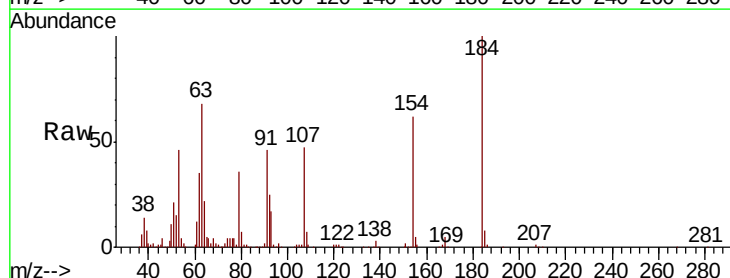
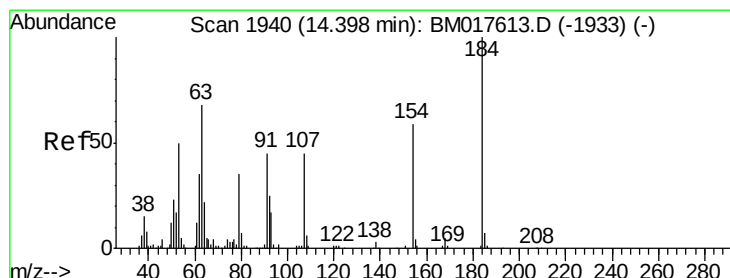
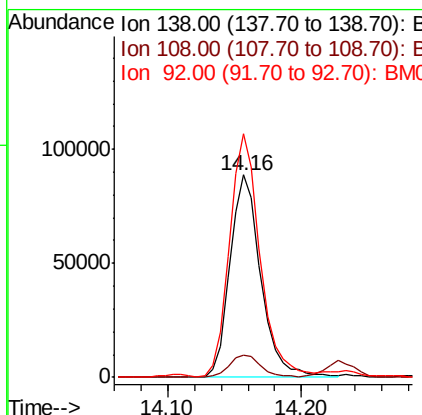
#53
3-Nitroaniline
Concen: 15.981 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.2	12.2
92	120.3	95.4	143.2

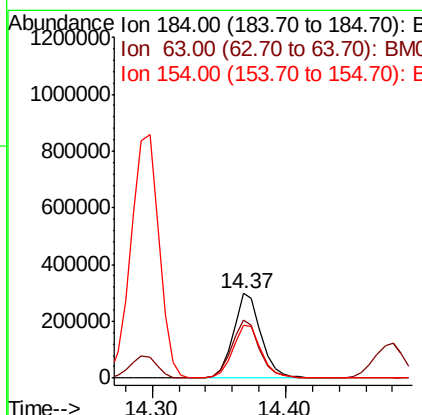
Manual Integrations
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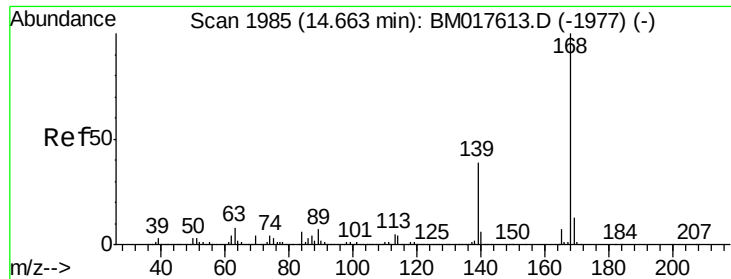
mohammad
12/3/2018 4:58:36 PM



#54
2,4-Dinitrophenol
Concen: 85.148 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.9	55.1	82.7
154	62.5	51.3	76.9





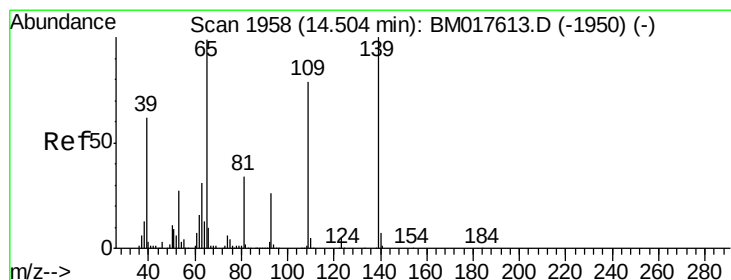
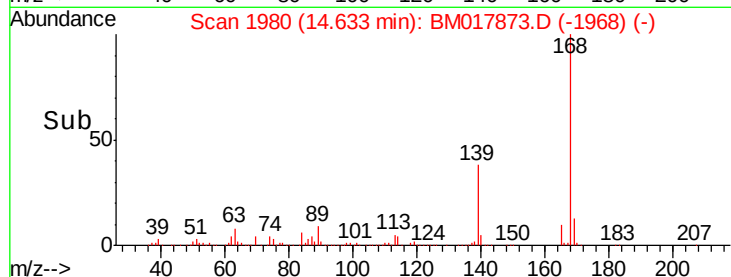
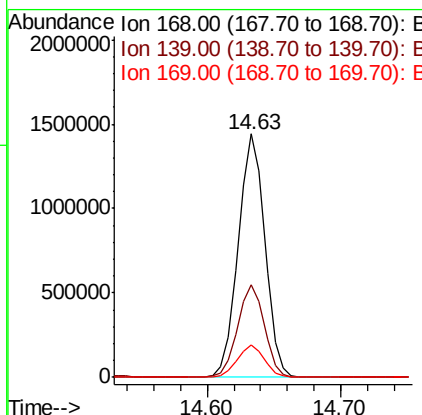
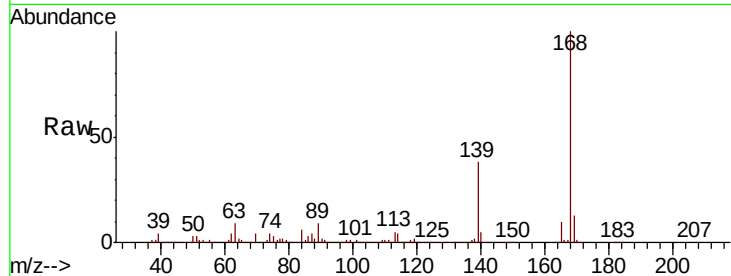
#55
Dibenzofuran
Concen: 43.524 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	31.0	46.6
169	13.1	10.6	16.0

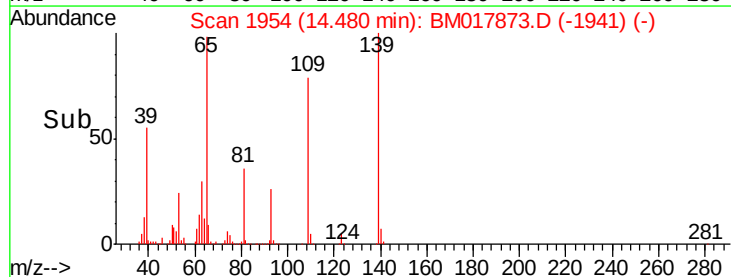
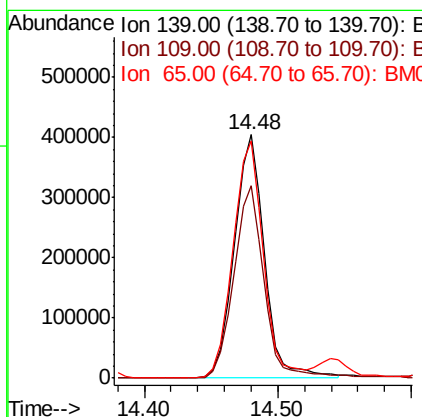
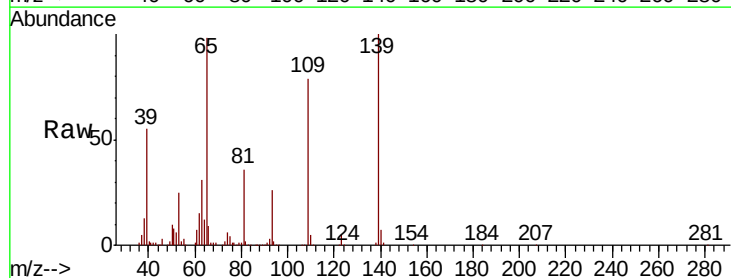
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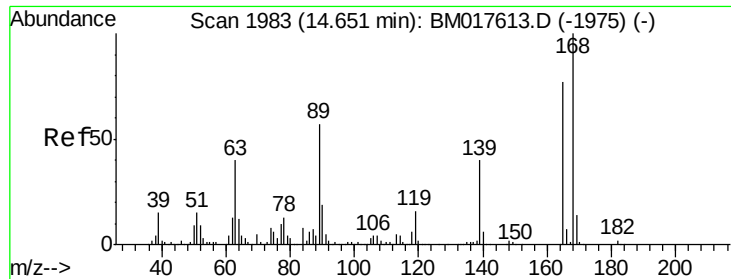
mohammad
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#56
4-Nitrophenol
Concen: 83.692 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.3	58.6	98.6
65	97.7	79.5	119.5





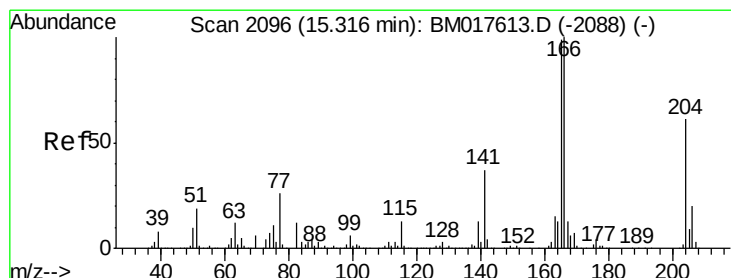
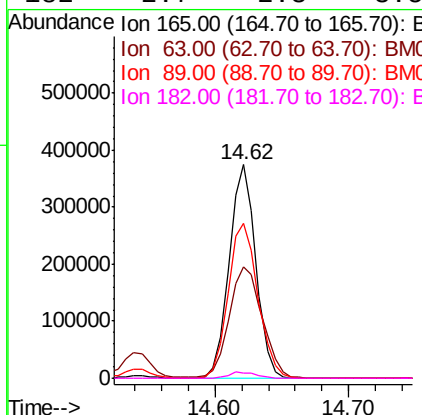
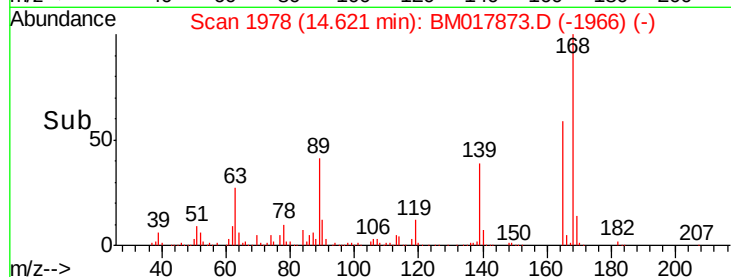
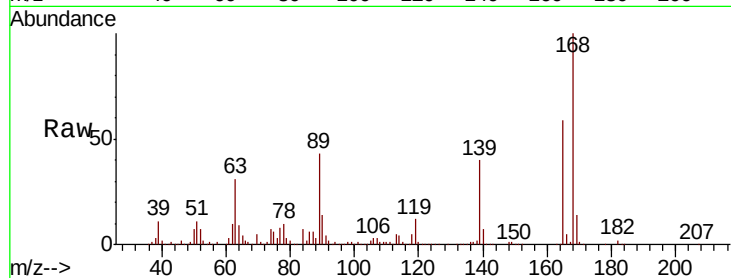
#57
2,4-Dinitrotoluene
Concen: 46.879 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	522014		
63	52.0		41.8	62.8
89	72.6		59.5	89.3
182	2.7		2.3	3.5

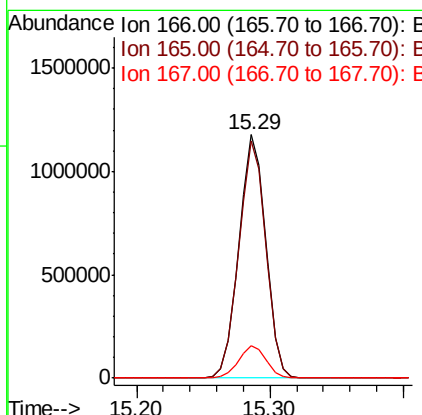
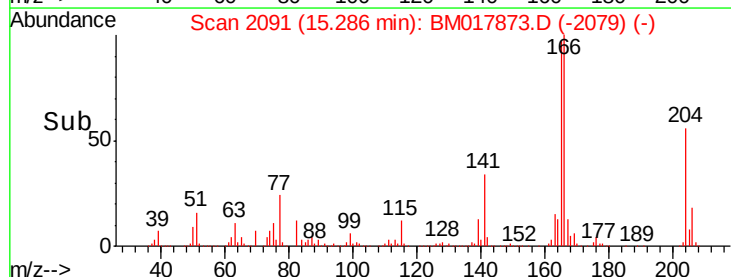
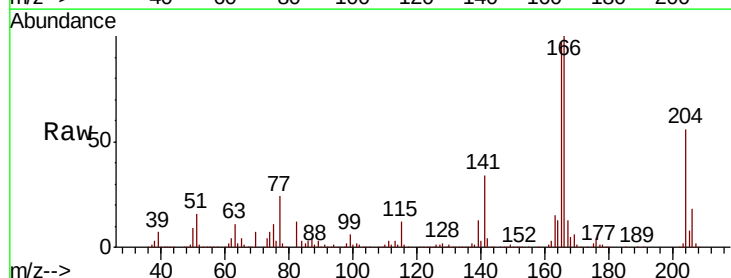
Manual Integrations
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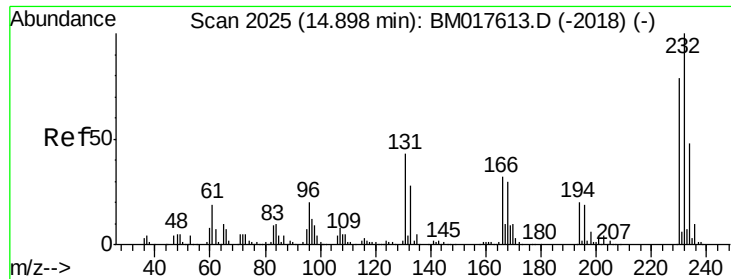
mohammad
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#58
Fluorene
Concen: 46.649 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1635920		
165	97.4		79.0	118.6
167	13.3		10.8	16.2





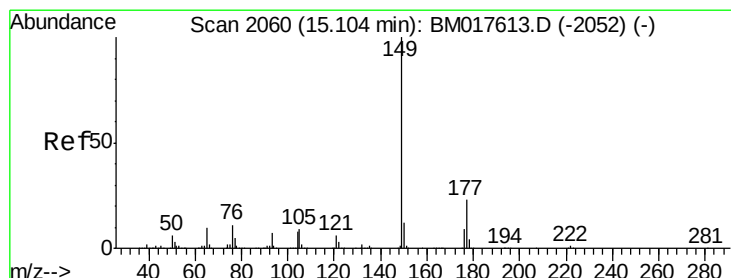
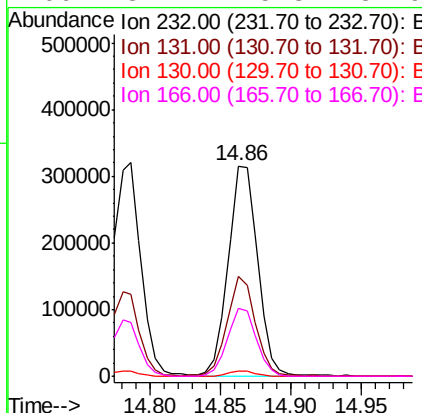
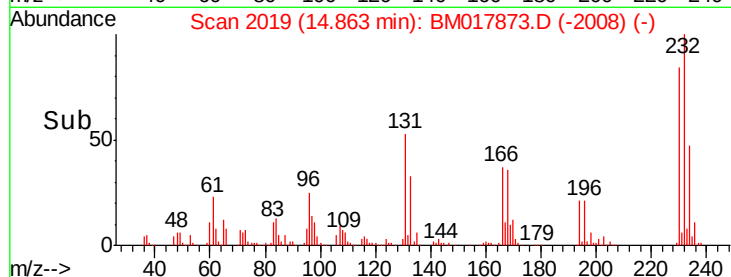
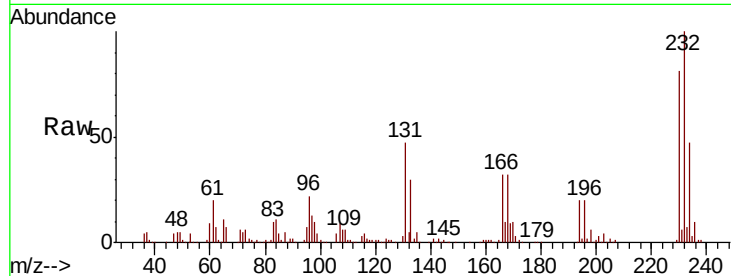
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.523 ng
 RT: 14.86 min Scan# 2019
 Delta R.T. -0.04 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	34.8	52.2
130	2.5	1.9	2.9
166	31.7	25.3	37.9

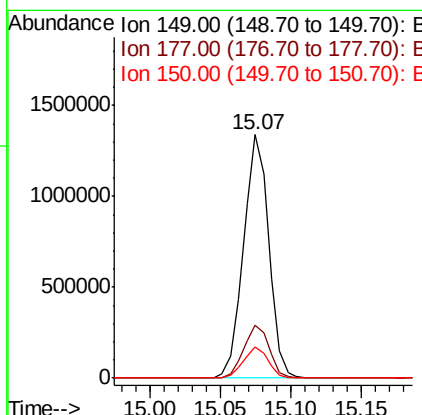
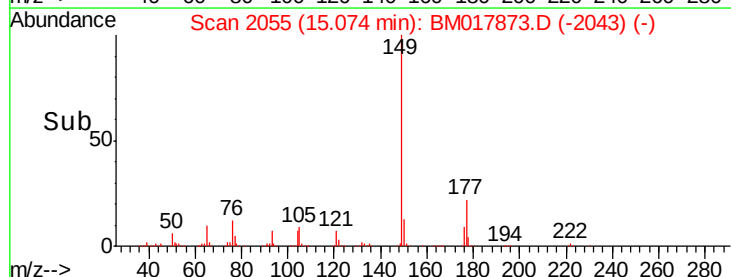
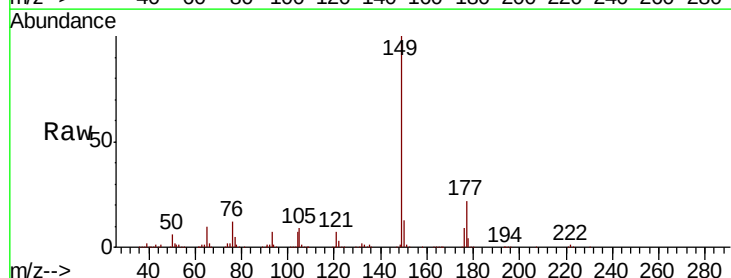
Manual Integrations
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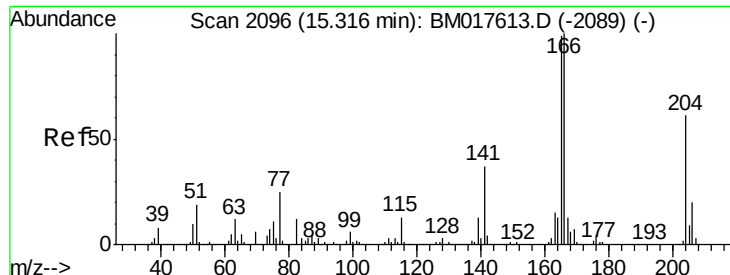
mohammad
 12/3/2018 4:58:36 PM



#60
 Diethylphthalate
 Concen: 41.714 ng
 RT: 15.07 min Scan# 2055
 Delta R.T. -0.03 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.1	27.1
150	12.8	9.9	14.9





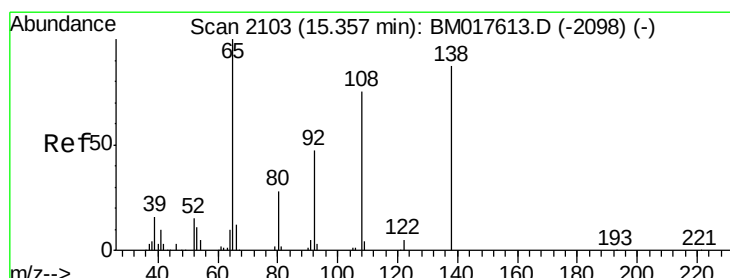
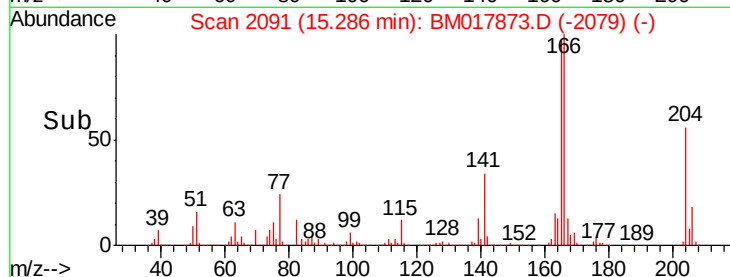
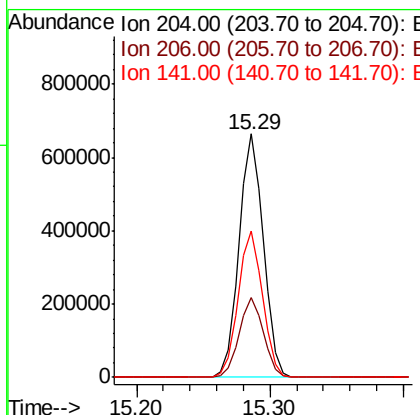
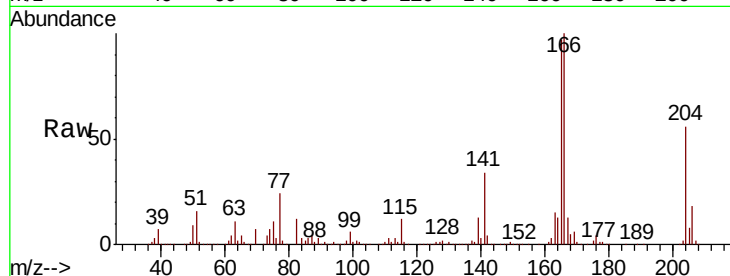
#61
 4-Chlorophenyl-phenylether
 Concen: 41.968 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	60.3	47.9	71.9

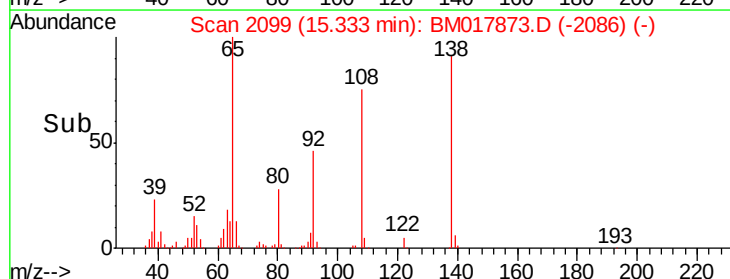
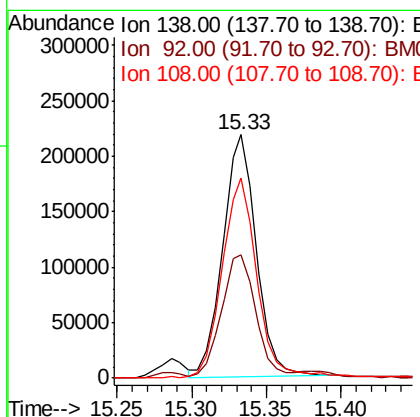
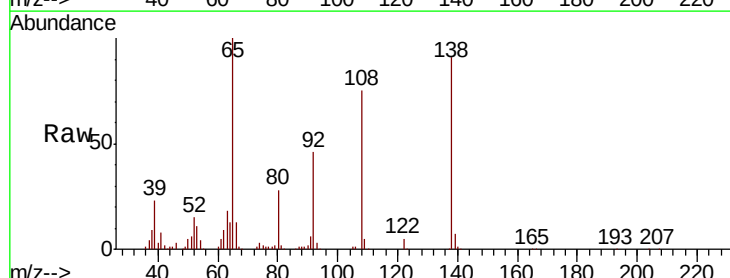
Manual Integrations
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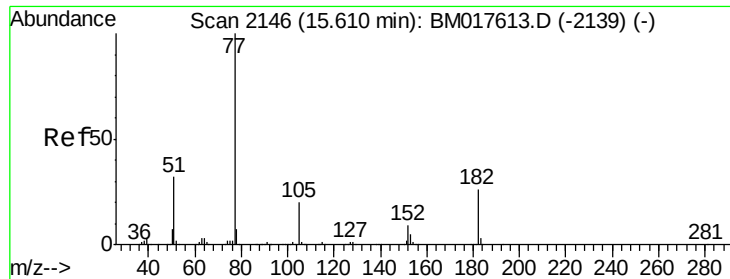
mohammad
 12/3/2018 4:58:36 PM



#62
 4-Nitroaniline
 Concen: 40.419 ng
 RT: 15.33 min Scan# 2099
 Delta R.T. -0.02 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	33.4	73.4
108	82.4	64.3	104.3





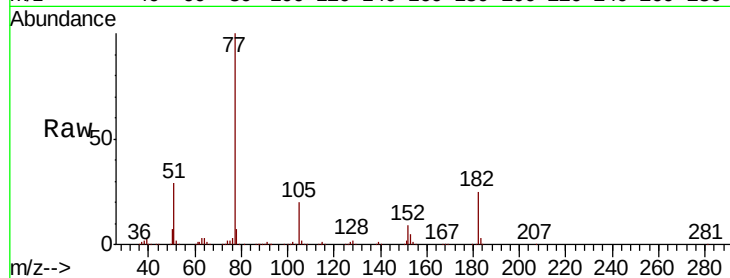
#63
Azobenzene
Concen: 44.343 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.1	5.8	45.8
105	20.2	0.0	40.0
51	29.3	12.5	52.5

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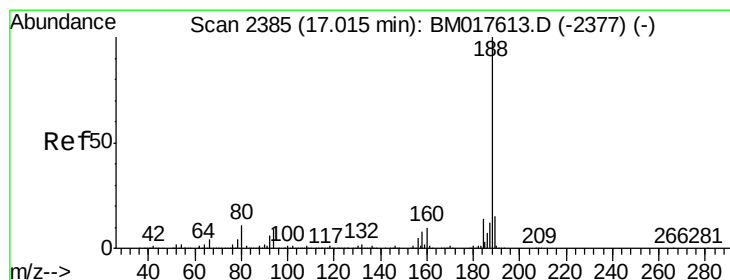
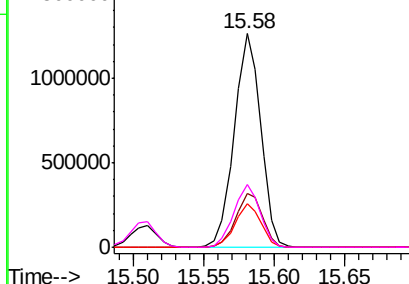
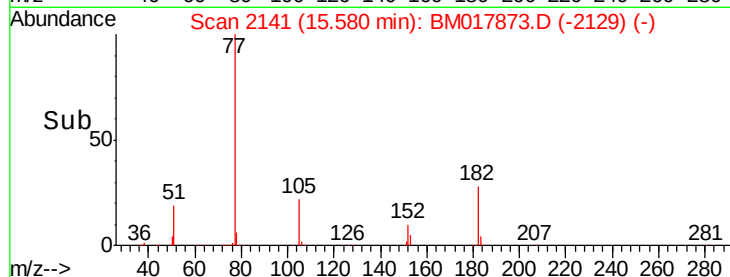


Abundance Ion 77.00 (76.70 to 77.70): BM017873.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM017873.D (-2139) (-)

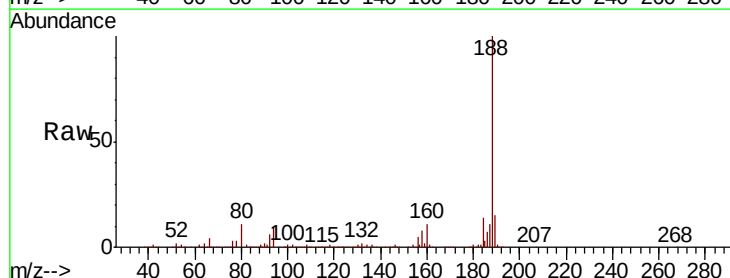
Ion 105.00 (104.70 to 105.70): BM017873.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM017873.D (-2139) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

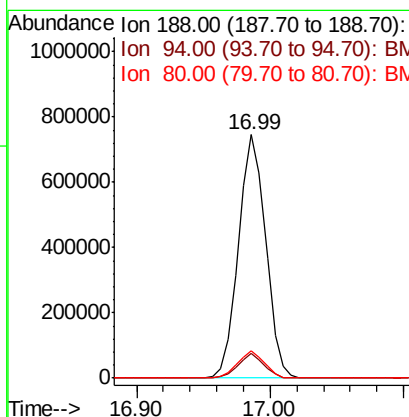
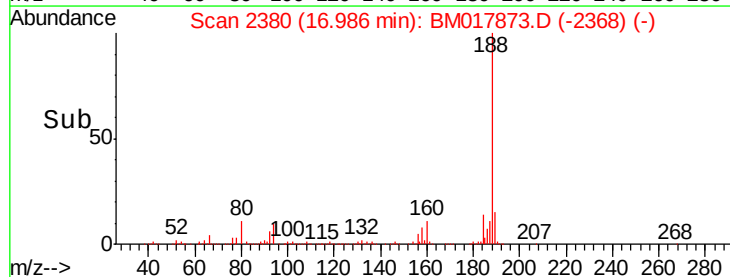
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.5	11.3
80	11.1	8.6	13.0

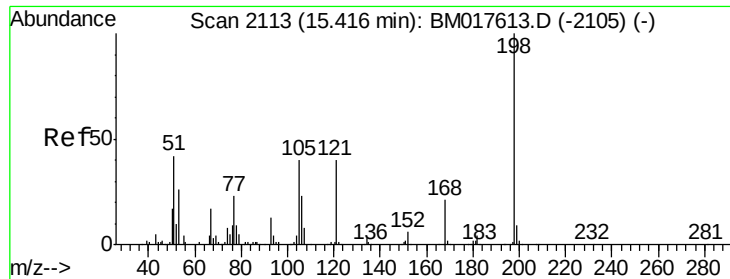


Abundance Ion 188.00 (187.70 to 188.70): BM017873.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM017873.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM017873.D (-2368) (-)





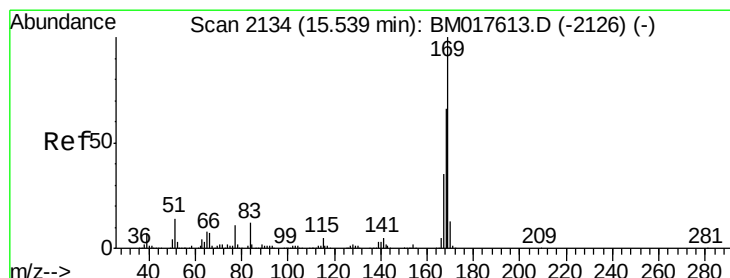
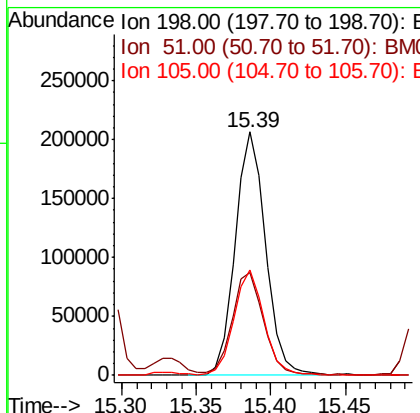
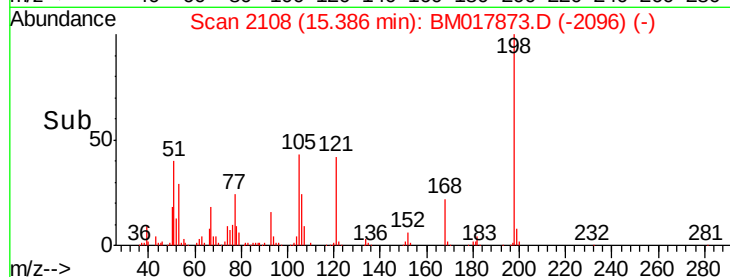
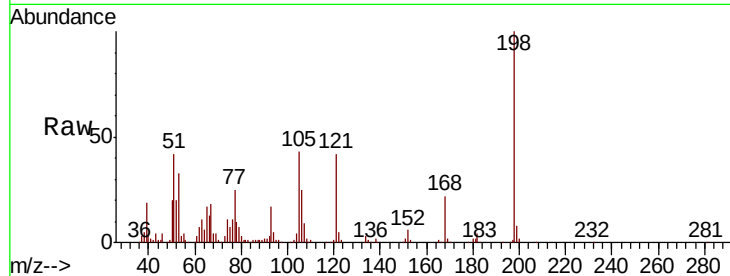
#65
4,6-Dinitro-2-methylphenol
Concen: 40.230 ng
RT: 15.39 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	292991		
51	42.3	25.9	65.9	
105	43.1	20.6	60.6	

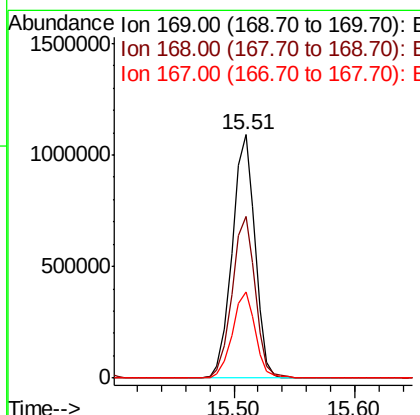
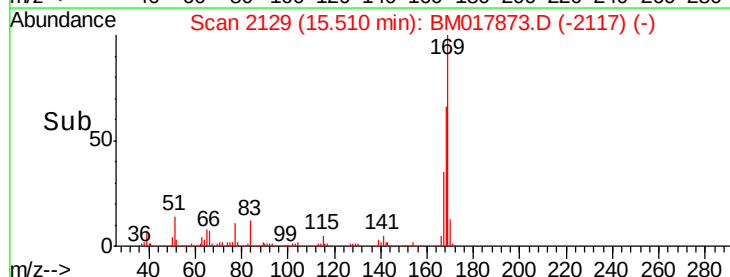
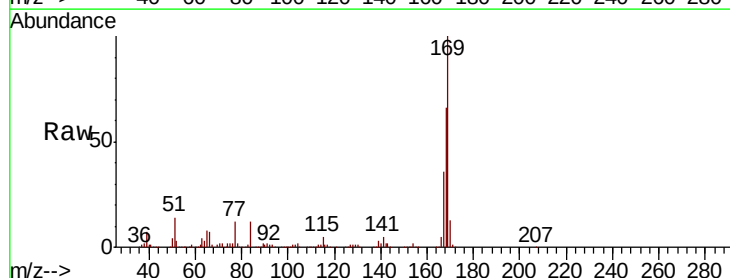
Manual Integrations
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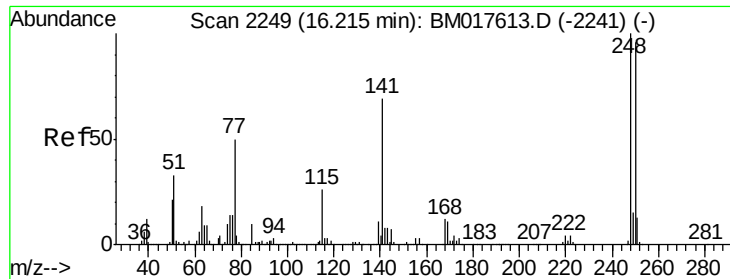
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.439 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1434440		
168	66.4	53.0	79.6	
167	35.5	28.0	42.0	





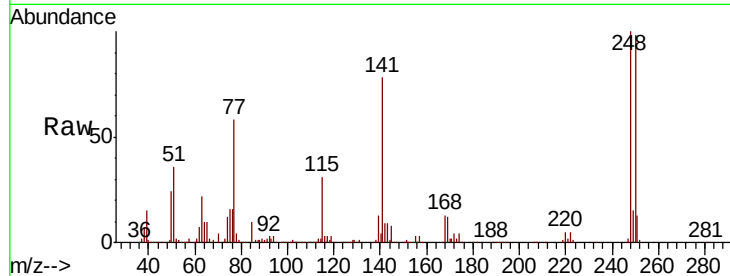
#67
4-Bromophenyl-phenylether
Concen: 41.312 ng
RT: 16.18 min Scan# 2243
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampled :
PB115173BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.5	114.7
141	77.5	54.9	82.3

Manual Integrations
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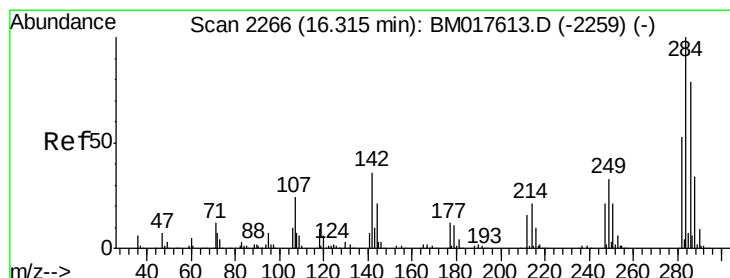
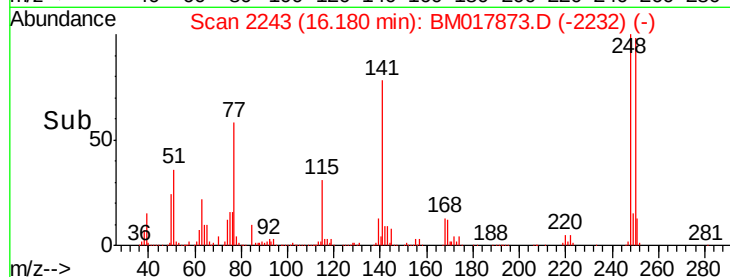
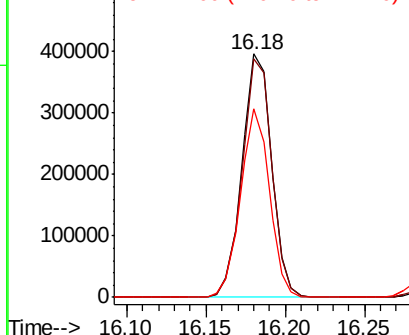


Abundance

Ion 248.00 (247.70 to 248.70): E

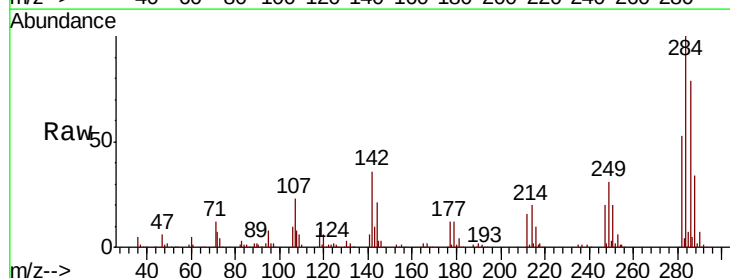
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.449 ng
RT: 16.29 min Scan# 2261
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.4	42.6
249	31.3	26.4	39.6

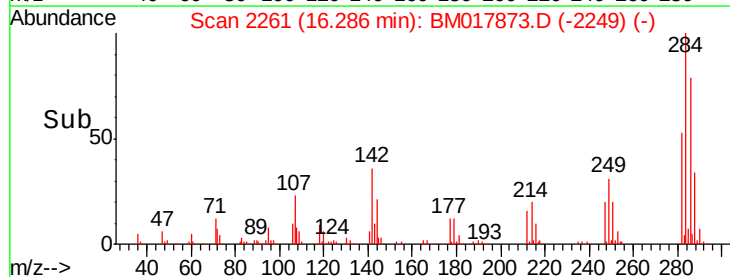
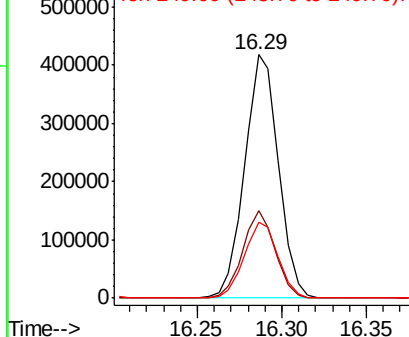


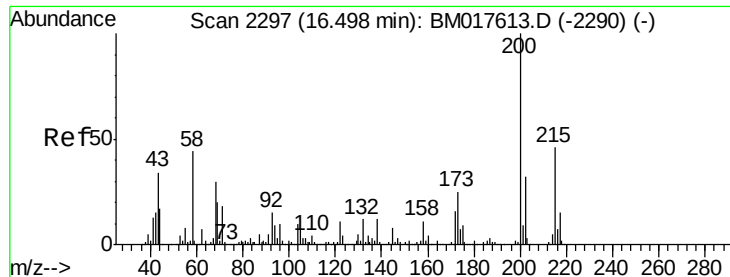
Abundance

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





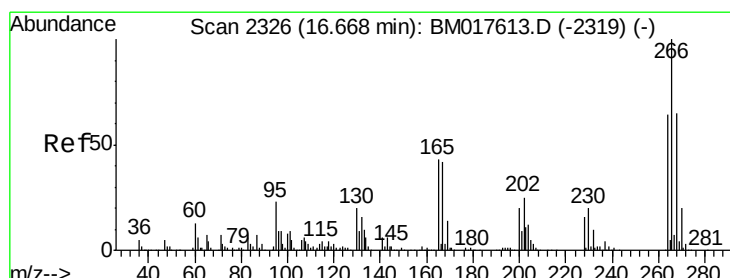
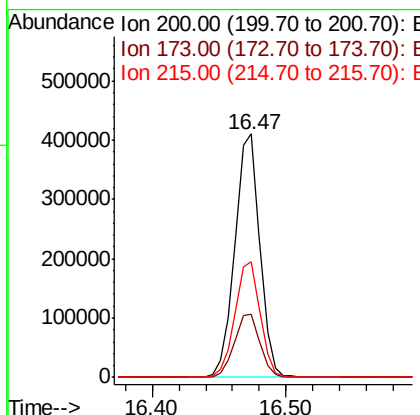
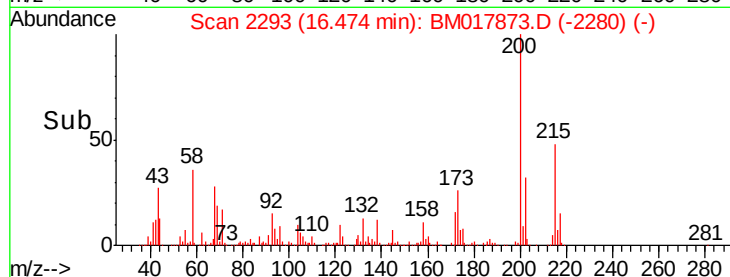
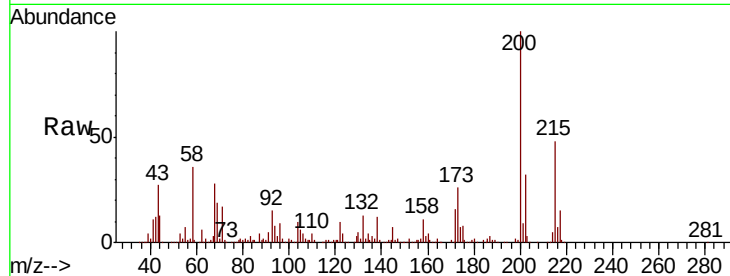
#69
 Atrazine
 Concen: 43.119 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	5.1	45.1
215	47.6	25.8	65.8

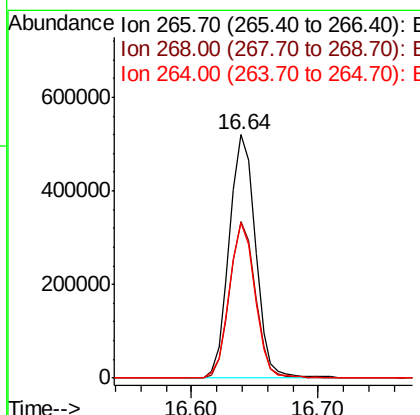
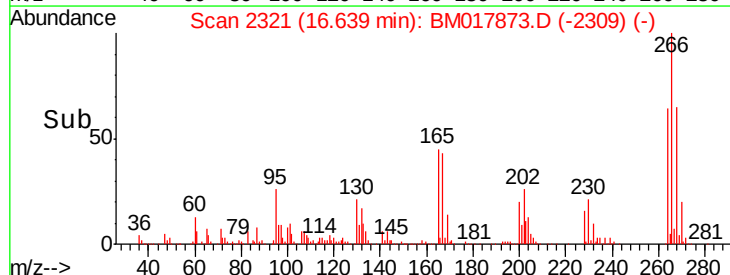
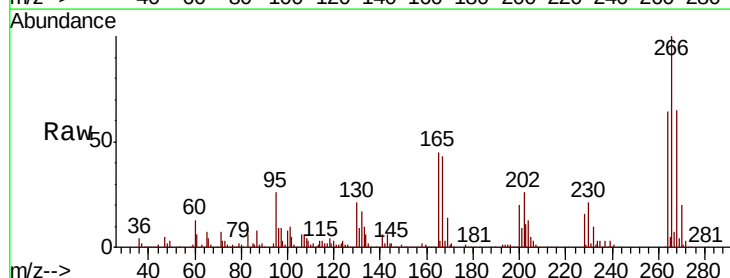
Manual Integrations
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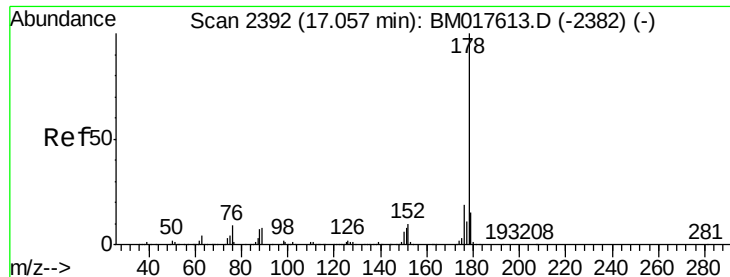
mohammad
 12/3/2018 4:58:36 PM



#70
 Pentachlorophenol
 Concen: 76.099 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.03 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.7	77.5
264	63.8	51.3	76.9





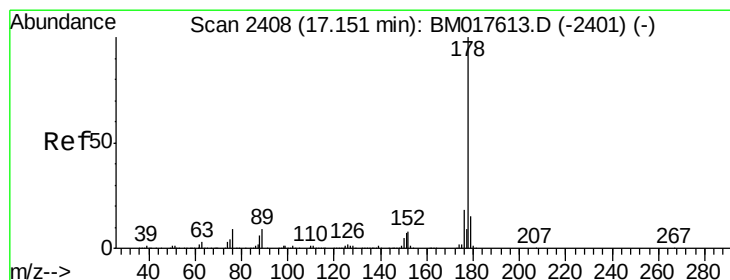
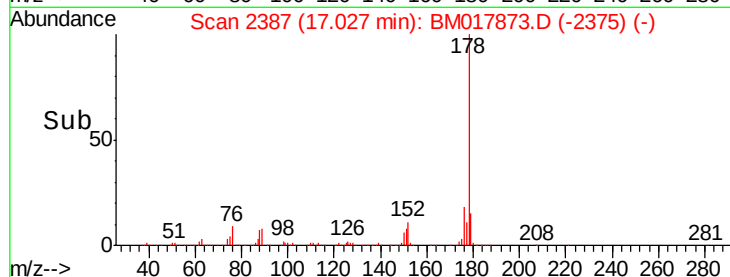
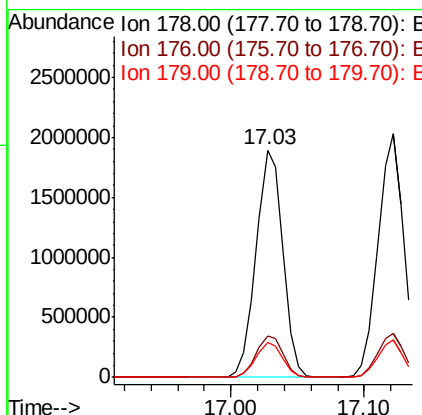
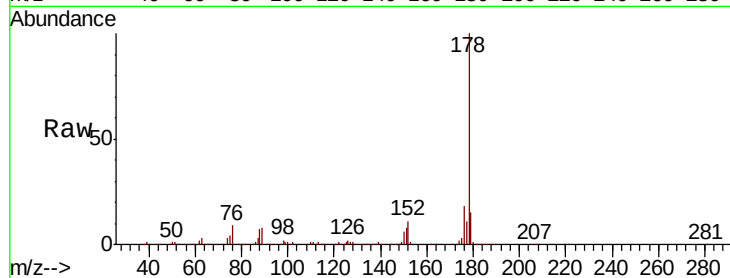
#71
Phenanthrene
Concen: 45.675 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.4	12.4	18.6

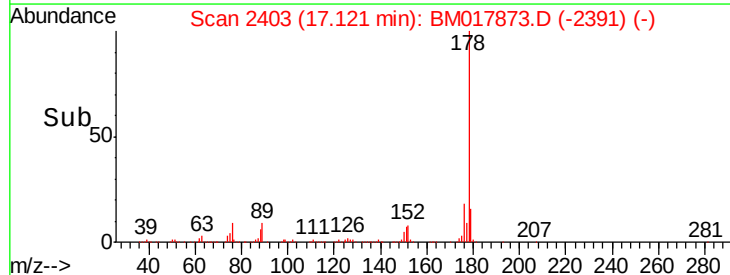
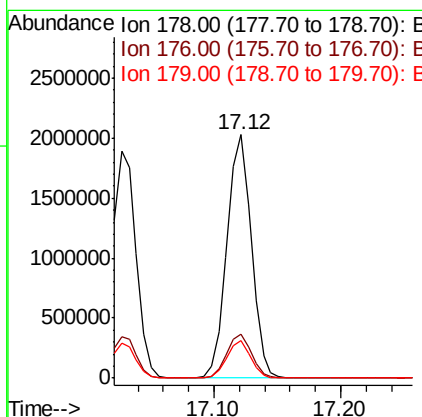
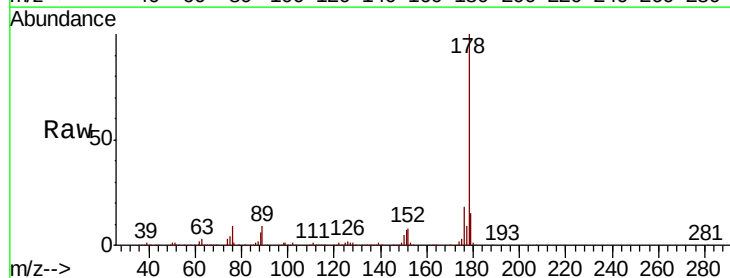
Manual Integrations
APPROVED

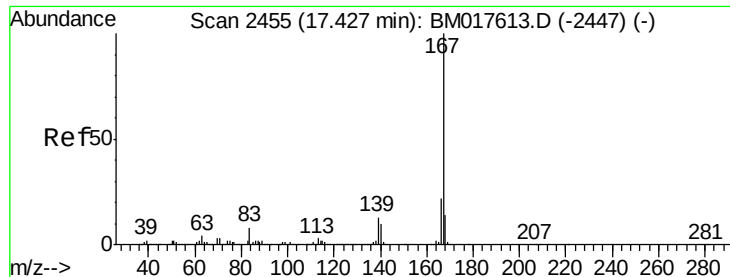
mohammad
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#72
Anthracene
Concen: 48.562 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.5	12.3	18.5





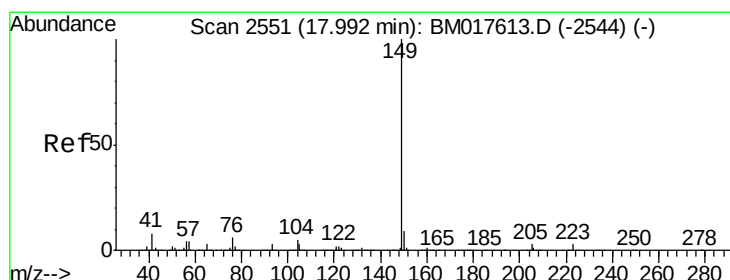
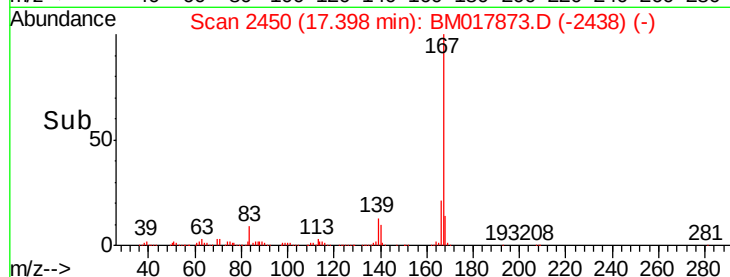
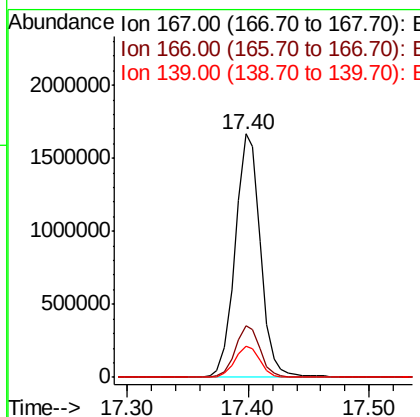
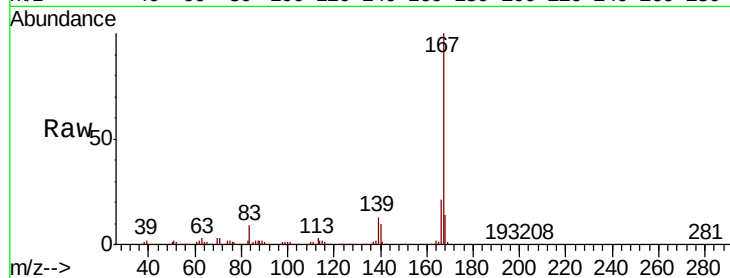
#73
 Carbazole
 Concen: 43.288 ng
 RT: 17.40 min Scan# 2450
 Delta R.T. -0.03 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.9	10.2	15.4

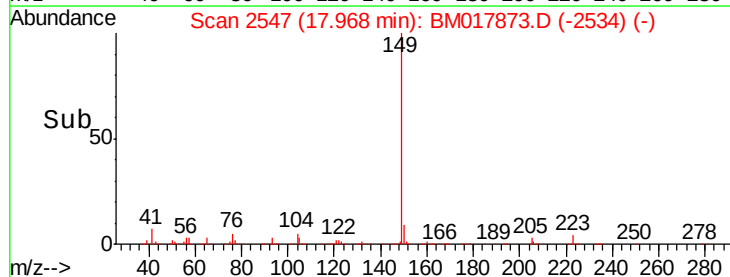
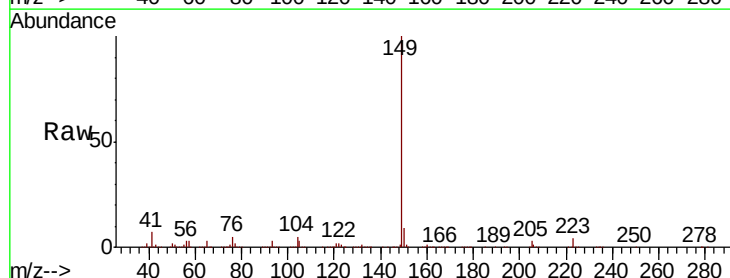
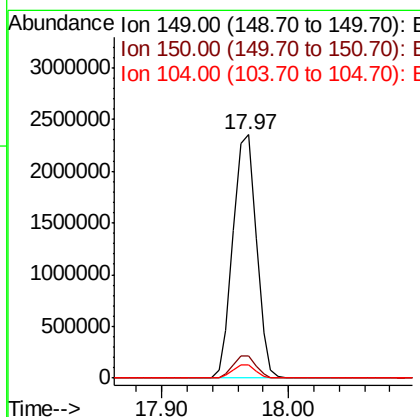
Manual Integrations
 APPROVED

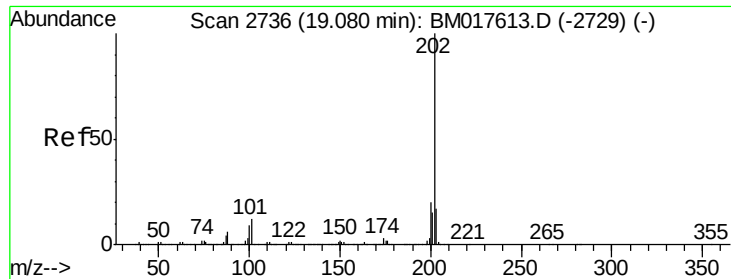
mohammad
 12/3/2018 4:58:36 PM



#74
 Di-n-butylphthalate
 Concen: 48.101 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.2	4.3	6.5





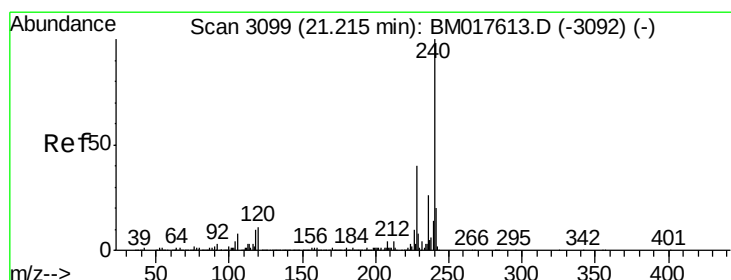
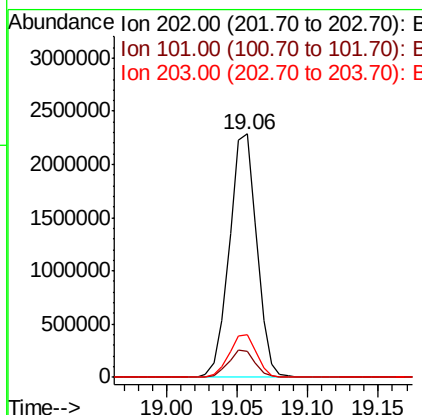
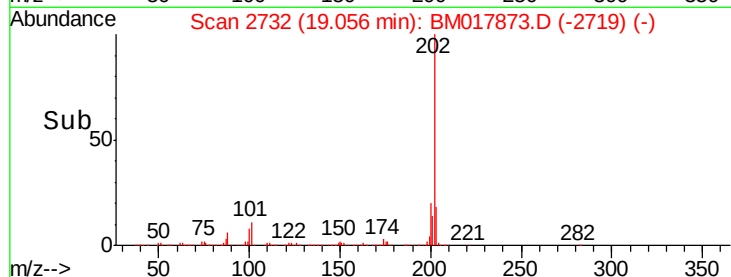
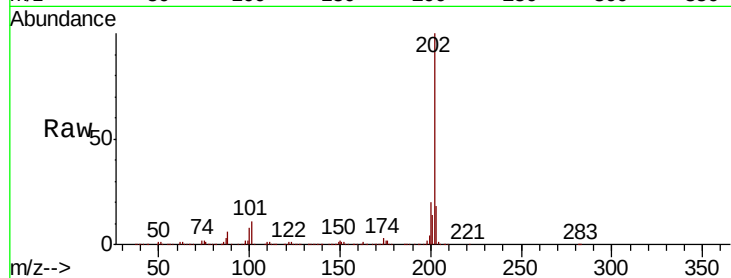
#75
Fluoranthene
Concen: 47.767 ng
RT: 19.06 min Scan# 2732
Delta R.T. -0.02 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.5
203	17.6	0.0	37.2

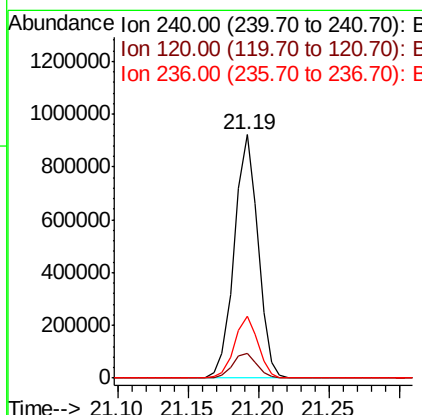
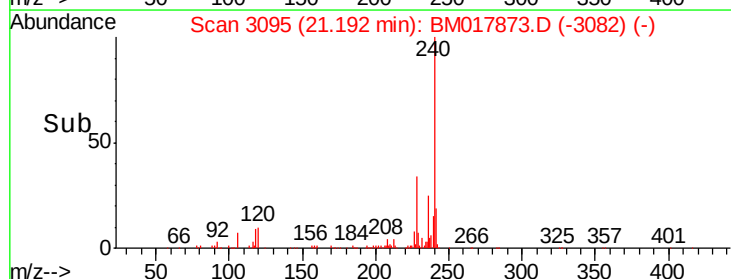
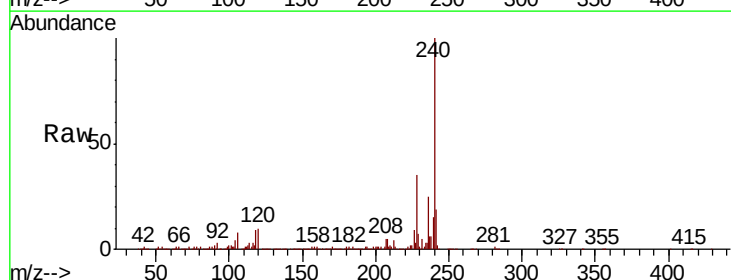
Manual Integrations
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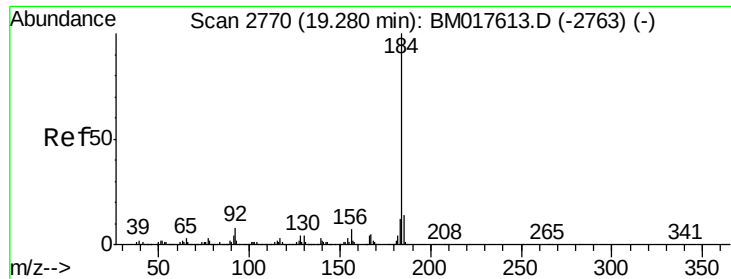
mohammad
12/3/2018 4:58:36 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.5	12.7
236	25.3	20.4	30.6





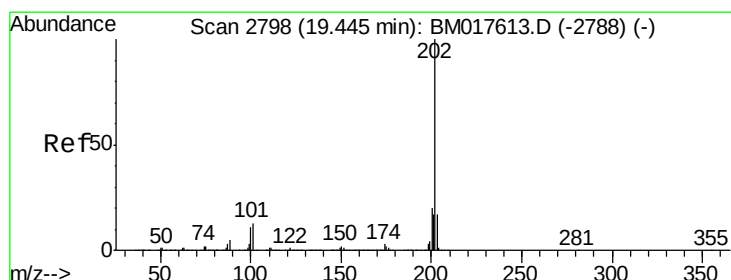
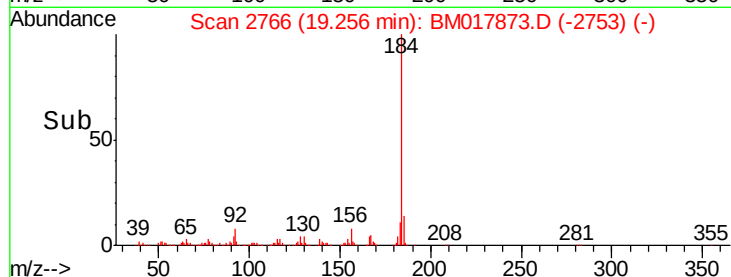
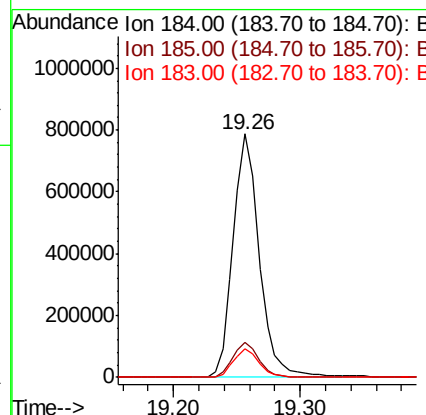
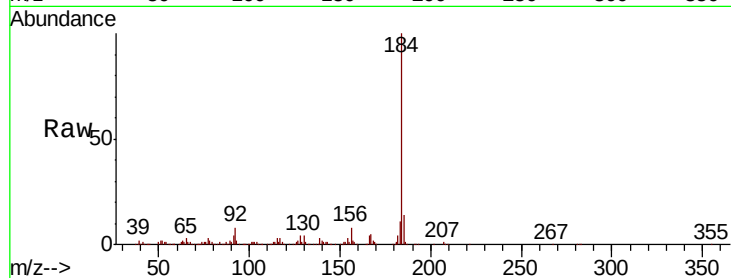
#77
Benzidine
Concen: 31.951 ng
RT: 19.26 min Scan# 2766
Delta R.T. -0.02 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.2	16.8
183	11.5	9.5	14.3

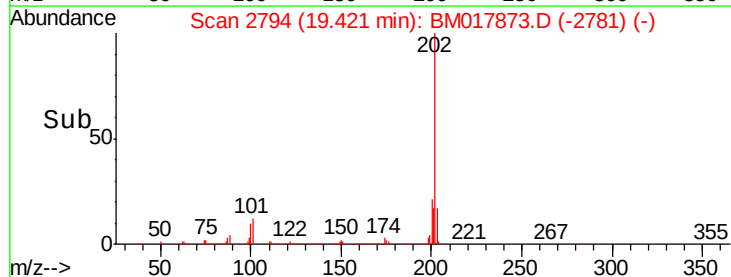
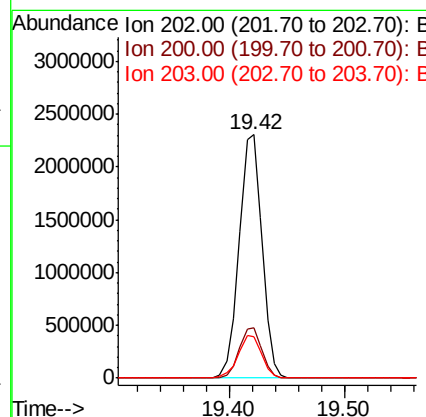
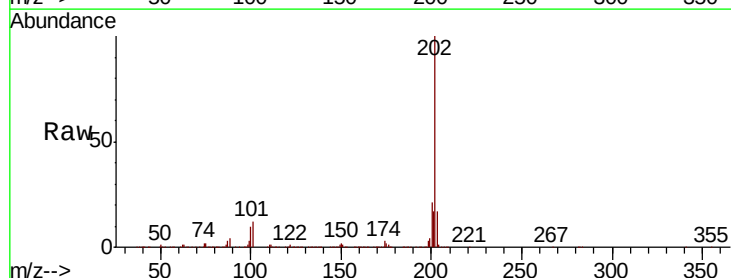
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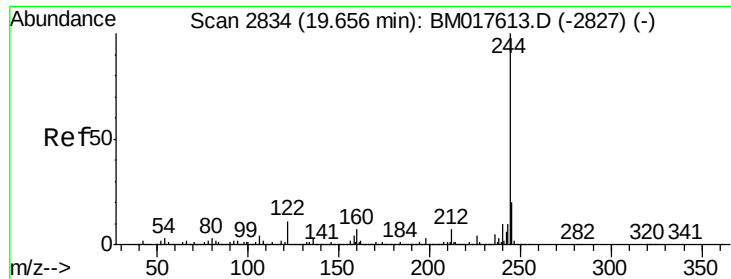
mohammad
12/3/2018 4:58:36 PM



#78
Pyrene
Concen: 47.387 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.02 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.4	24.6
203	17.2	13.8	20.8





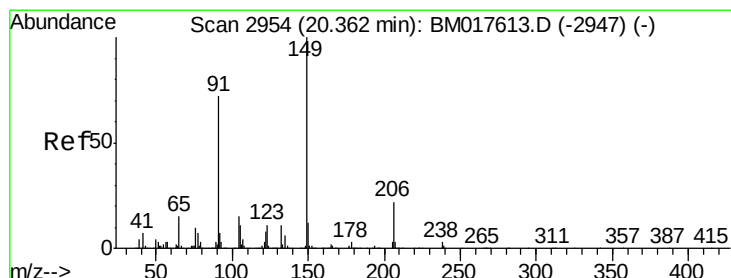
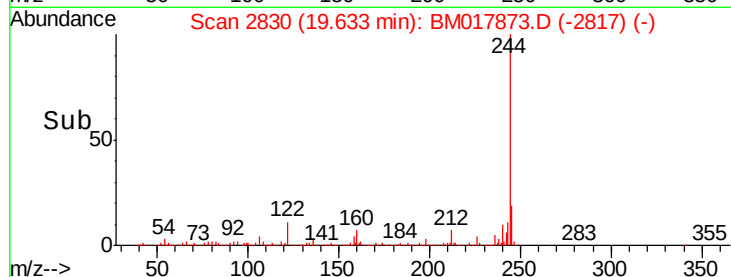
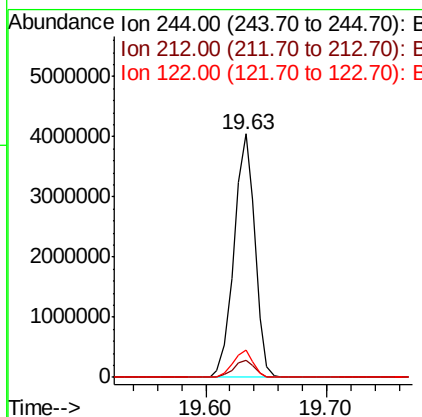
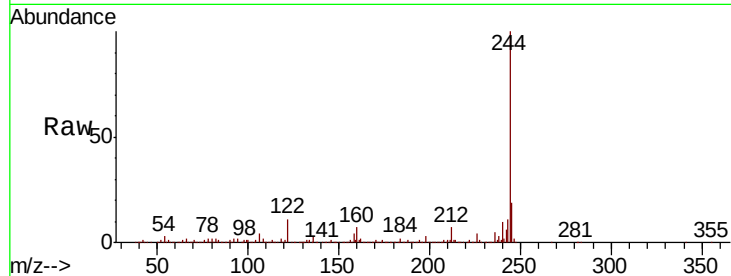
#79
 Terphenyl-d14
 Concen: 101.453 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Instrument :
 BNA_M
 ClientSampleID :
 PB115173BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	11.0	9.0	13.6

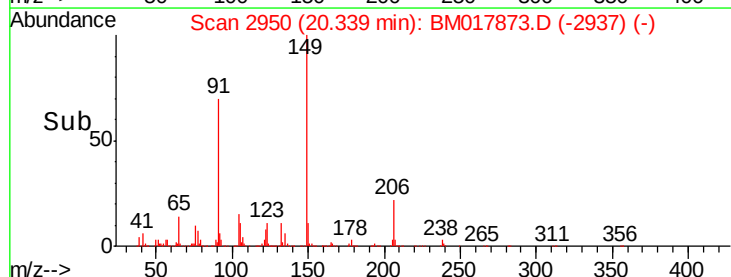
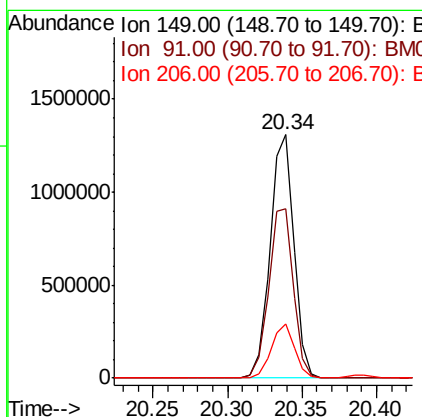
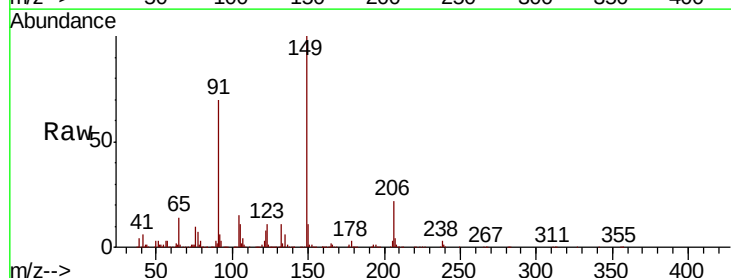
Manual Integrations
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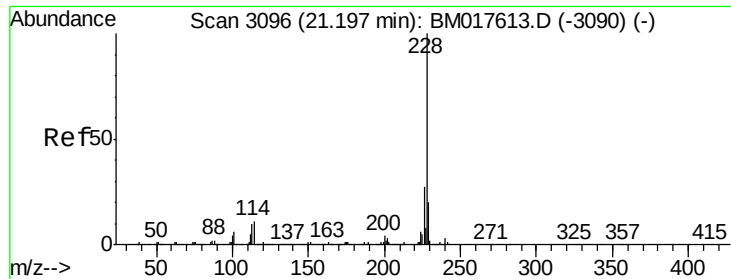
mohammad
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#80
 Butylbenzylphthalate
 Concen: 52.860 ng
 RT: 20.34 min Scan# 2950
 Delta R.T. -0.02 min
 Lab File: BM017873.D
 Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	57.6	86.4
206	22.2	17.4	26.0





#81

Benzo(a)anthracene

Concen: 47.138 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Instrument :

BNA_M

ClientSampleId :

PB115173BS

Tot Ion:228 Resp: 2946875

Ion Ratio Lower Upper

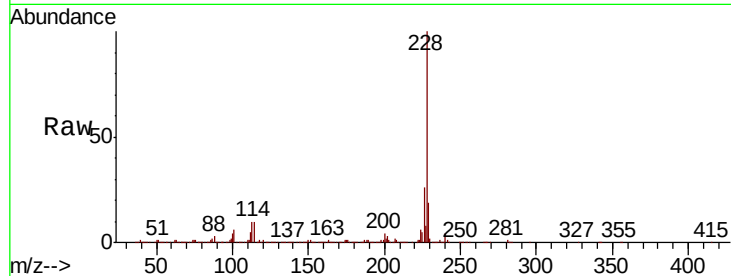
228 100

226 26.4 21.3 31.9

229 19.3 16.0 24.0

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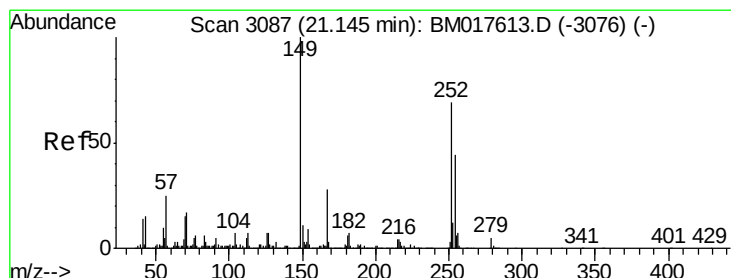
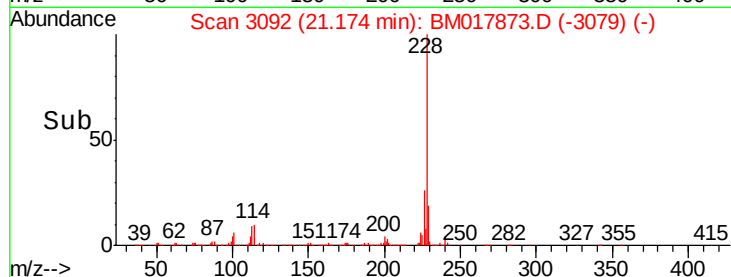
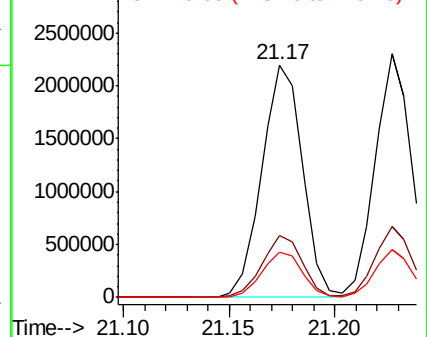


Abundance

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: 24.047 ng

RT: 21.12 min Scan# 3082

Delta R.T. -0.03 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

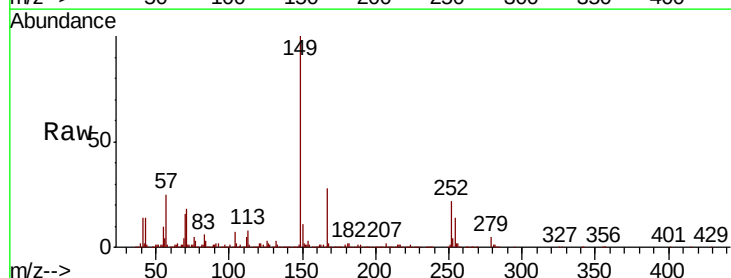
Tgt Ion:252 Resp: 580203

Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.2

126 11.8 8.0 12.0

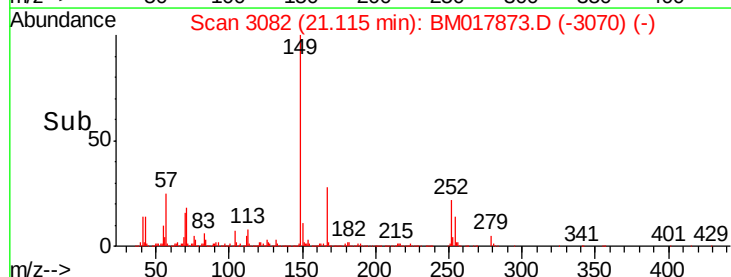
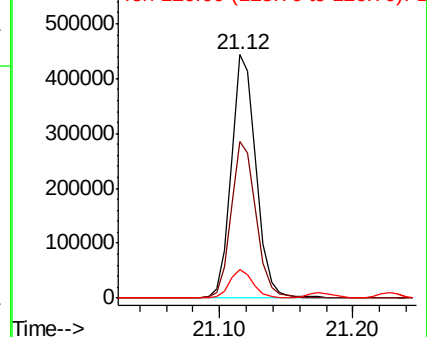


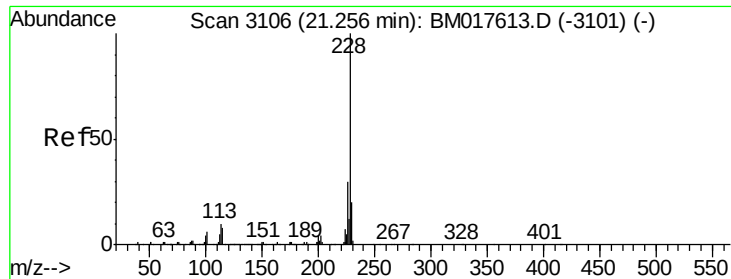
Abundance

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





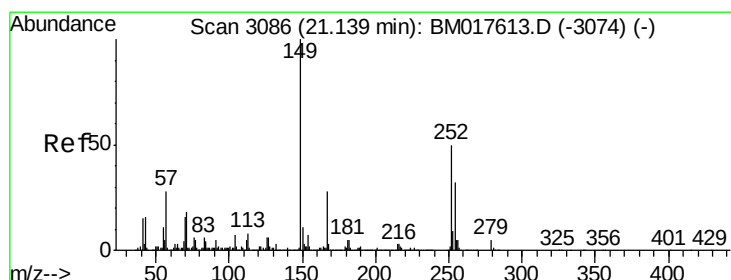
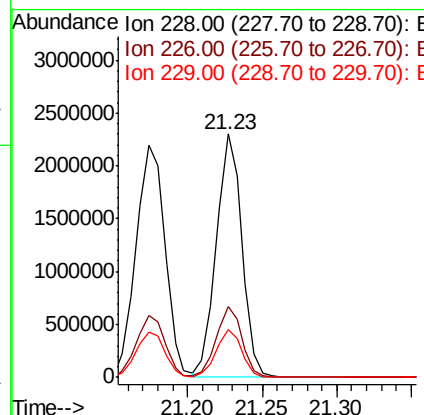
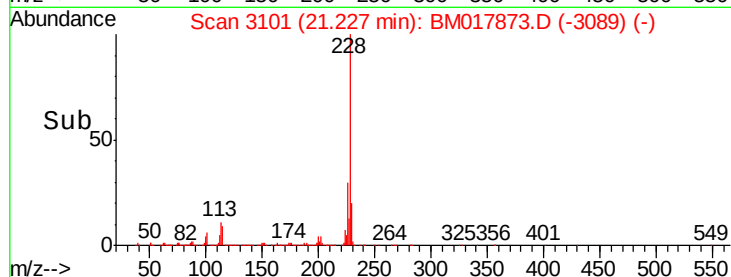
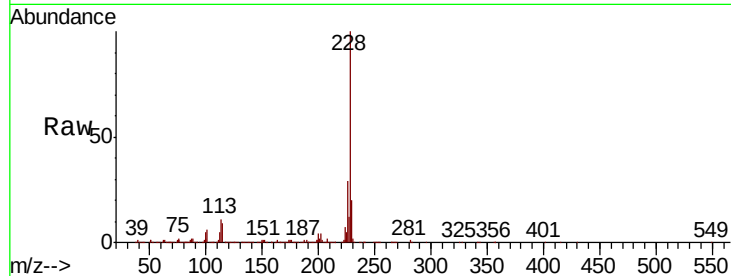
#83
Chrysene
Concen: 45.305 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion:228 Resp: 2750882
Ion Ratio Lower Upper
228 100
226 29.3 23.6 35.4
229 19.8 15.8 23.6

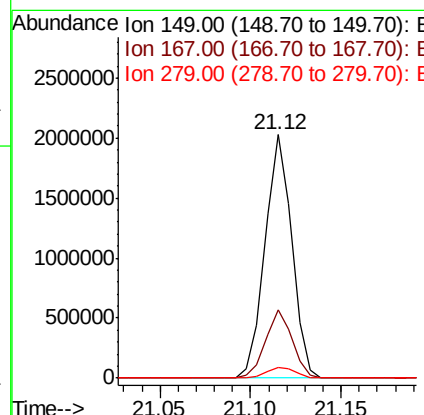
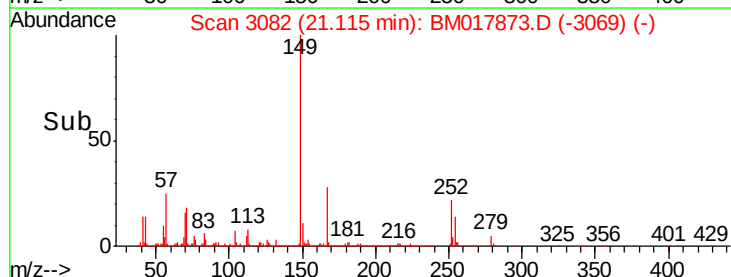
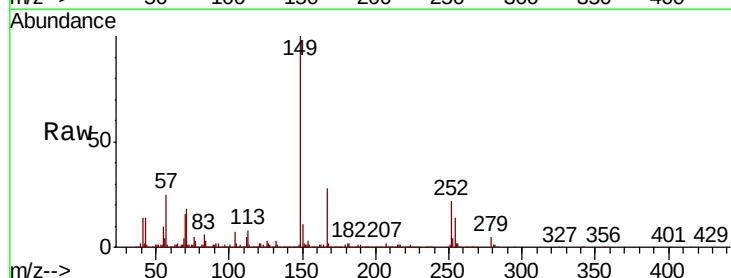
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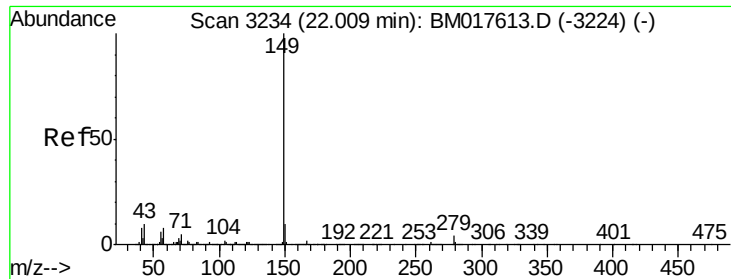
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.905 ng
RT: 21.12 min Scan# 3082
Delta R.T. -0.02 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion:149 Resp: 2086641
Ion Ratio Lower Upper
149 100
167 27.8 22.2 33.4
279 4.5 3.7 5.5





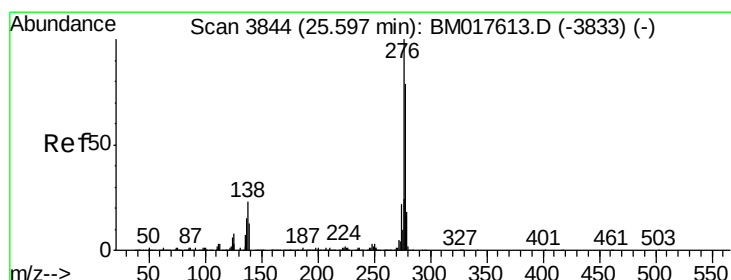
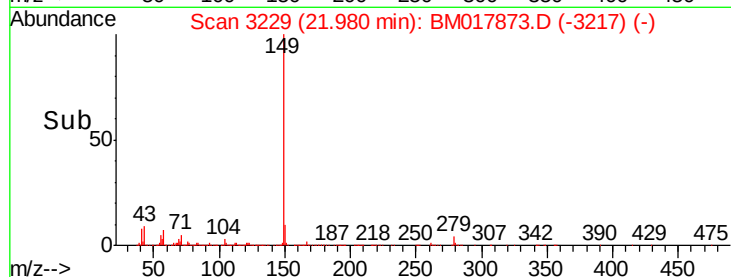
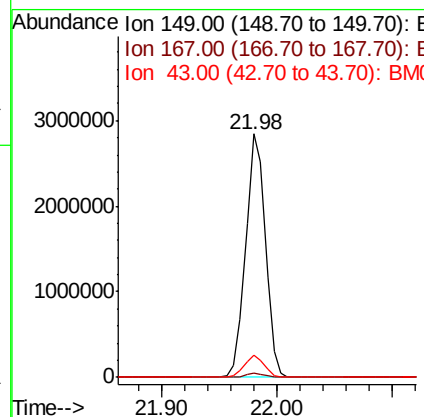
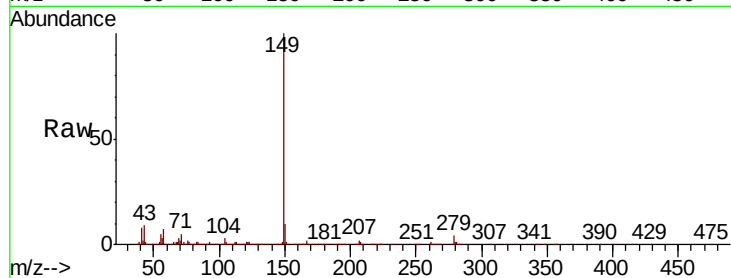
#85
Di-n-octyl phthalate
Concen: 52.313 ng
RT: 21.98 min Scan# 3229
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	8.3	12.5

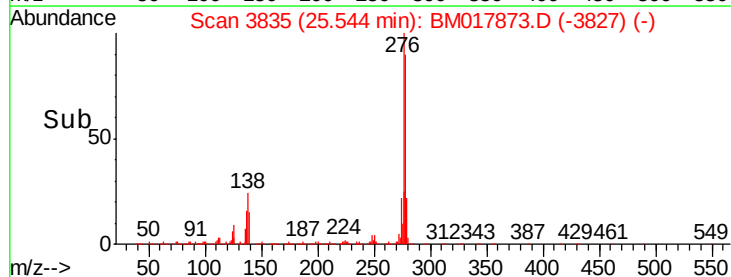
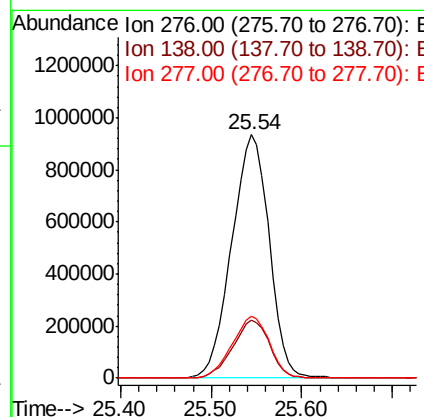
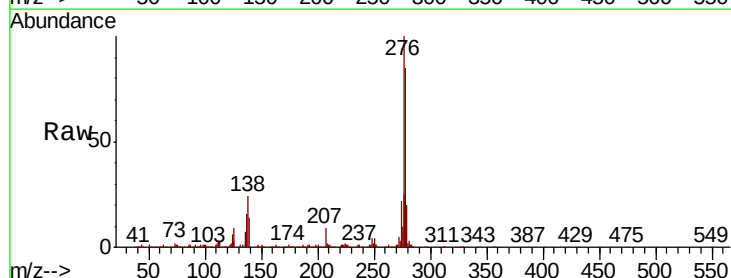
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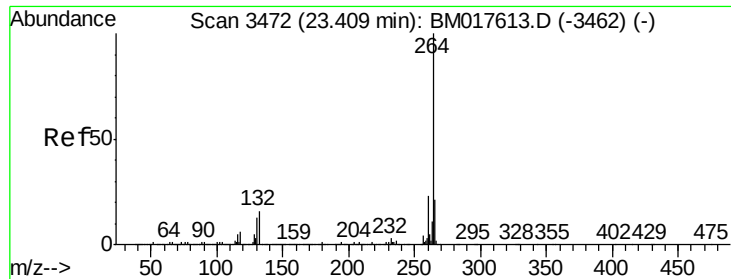
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 54.645 ng
RT: 25.54 min Scan# 3835
Delta R.T. -0.05 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.1	28.7
277	25.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.04 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Instrument :

BNA_M

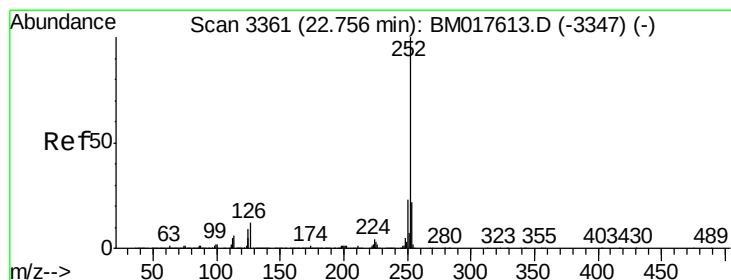
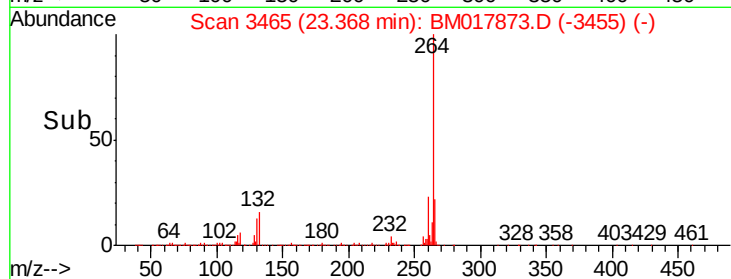
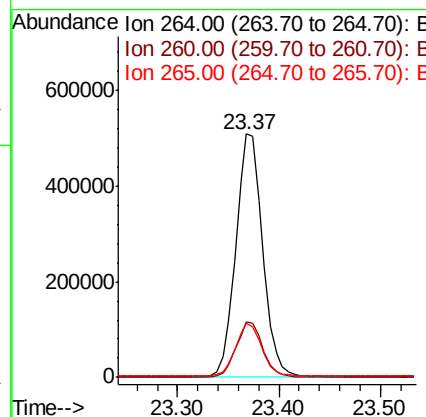
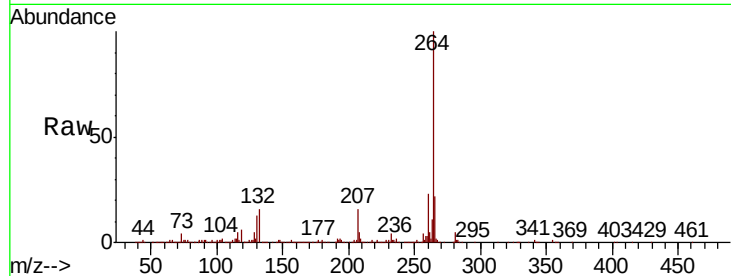
ClientSampleId :

PB115173BS

Tot Ion:	264	Resp:	938461
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.2	27.2
265	22.1	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 47.345 ng

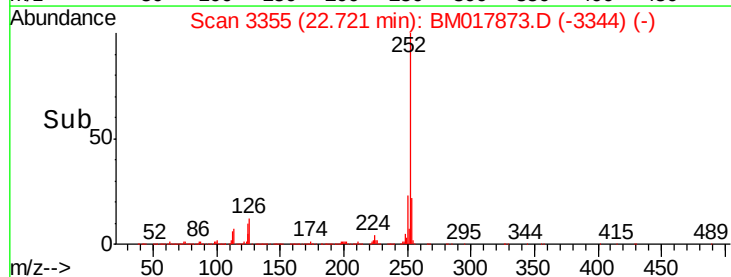
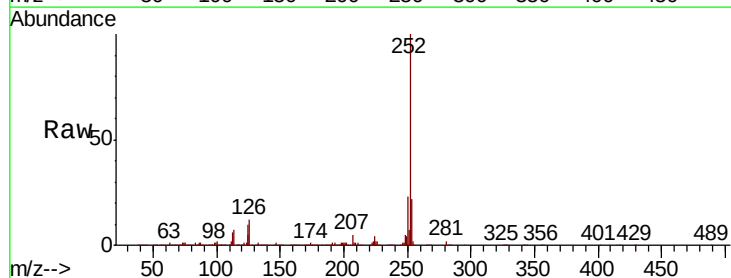
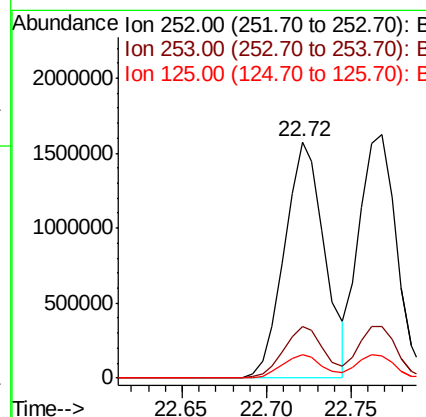
RT: 22.72 min Scan# 3355

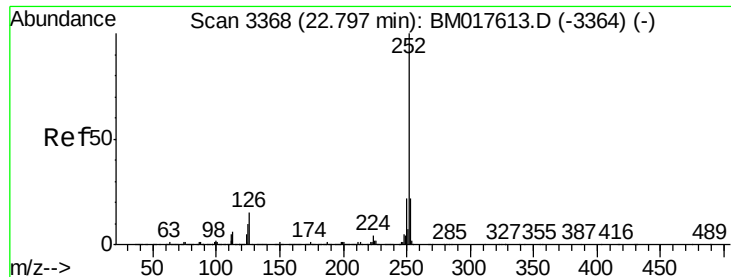
Delta R.T. -0.04 min

Lab File: BM017873.D

Acq: 02 Dec 2018 01:44

Tgt Ion:	252	Resp:	2602054
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	9.8	7.6	11.4





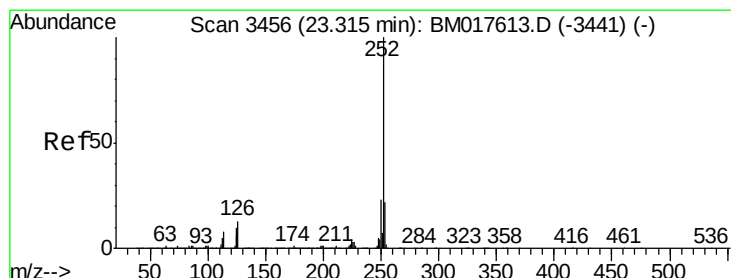
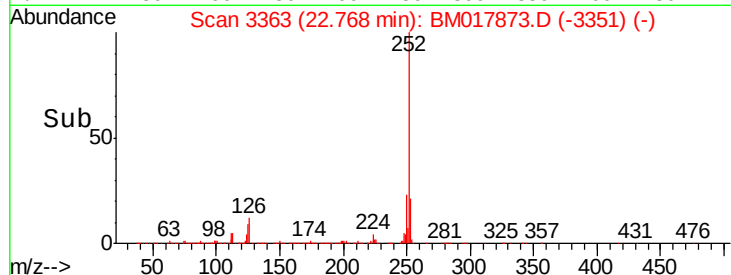
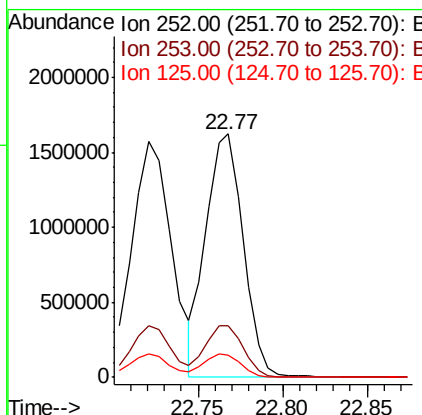
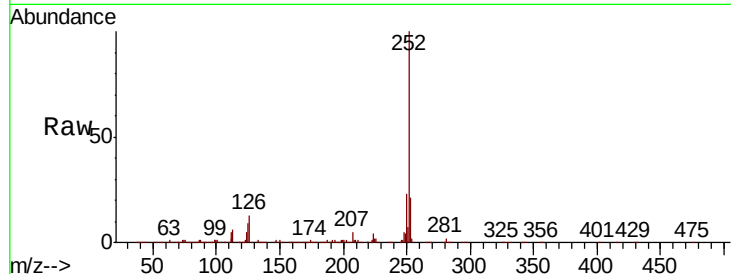
#89
Benzo(k)fluoranthene
Concen: 44.976 ng
RT: 22.77 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	9.1	7.9	11.9

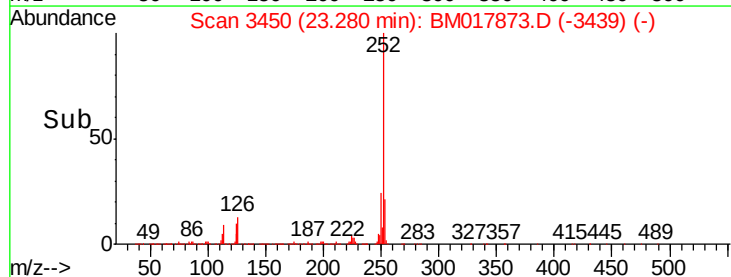
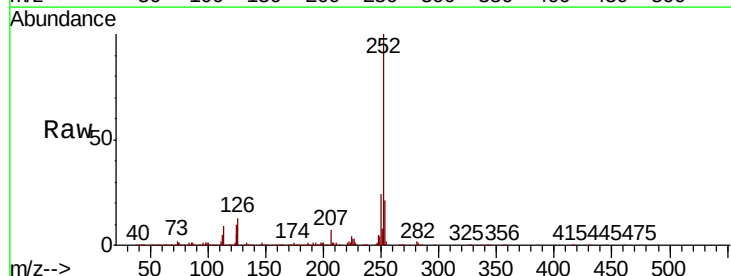
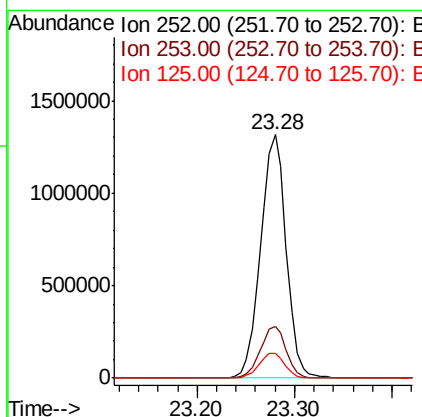
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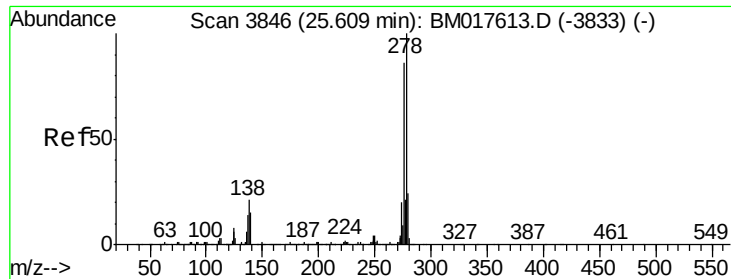
mohammad
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#90
Benzo(a)pyrene
Concen: 48.092 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	10.2	8.2	12.2





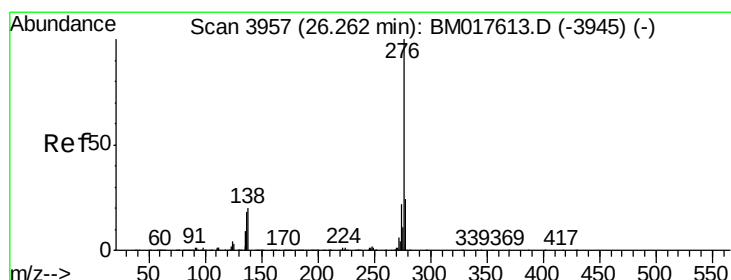
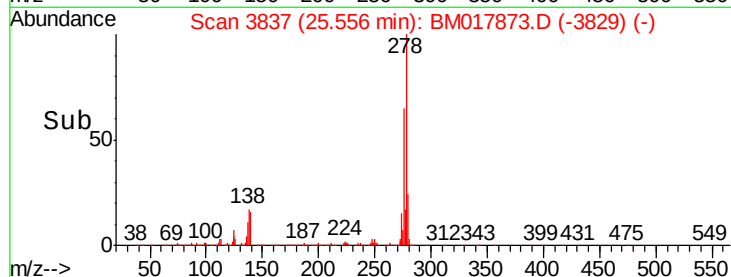
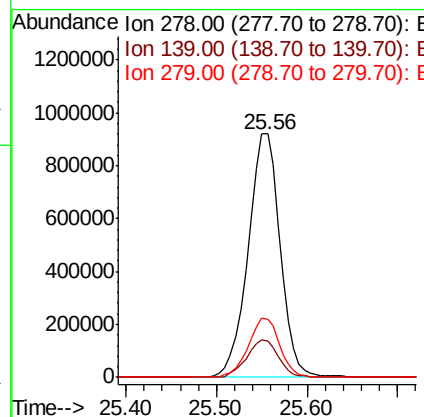
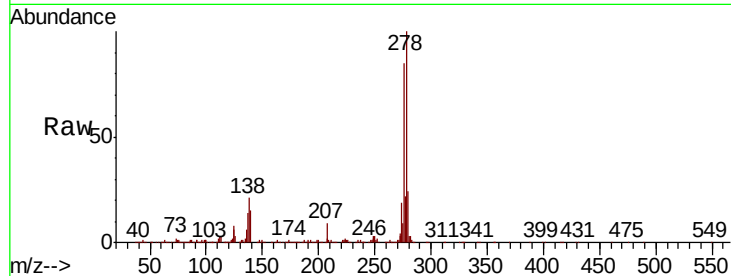
#91
Dibenzo(a,h)anthracene
Concen: 53.820 ng
RT: 25.56 min Scan# 3837
Delta R.T. -0.05 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.8	17.6
279	23.7	19.0	28.6

Manual Integrations
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12/3/2018 4:58:36 PM



#92
Benzo(g,h,i)perylene
Concen: 55.464 ng
RT: 26.21 min Scan# 3948
Delta R.T. -0.05 min
Lab File: BM017873.D
Acq: 02 Dec 2018 01:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	20.0	15.9	23.9

