

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017916.D
 Acq On : 04 Dec 2018 23:23
 Operator : JU/SJ
 Sample : J5761-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

Manual Integrations
 APPROVED

mohammad
 12/5/2018 4:50:15 PM

Quant Time: Dec 05 01:20:50 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	262219	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	1041761	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	506028	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	939361	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	890788	20.00	ng	-0.02
87) Perylene-d12	23.39	264	967356	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1288169	82.91	ng	-0.02
7) Phenol-d6	6.78	99	1690284	77.89	ng	-0.02
23) Nitrobenzene-d5	8.74	82	1004089	49.76	ng	-0.04
42) 2,4,6-Tribromophenol	15.74	330	518168	71.27	ng	-0.02
45) 2-Fluorobiphenyl	12.84	172	2094934	53.71	ng	-0.04
79) Terphenyl-d14	19.64	244	2087850	53.12	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	112152	17.331	ng	# 85
3) Pyridine	3.59	79	349663	18.421	ng	# 83
4) n-Nitrosodimethylamine	3.51	42	154738	18.506	ng	81
6) Aniline	6.93	93	190256	7.070	ng	96
8) 2-Chlorophenol	7.16	128	487963	26.242	ng	94
9) Benzaldehyde	6.75	77	252705	15.986	ng	92
10) Phenol	6.80	94	697223	30.610	ng	95
11) bis(2-Chloroethyl)ether	7.03	93	424988	23.635	ng	94
12) 1,3-Dichlorobenzene	7.47	146	505163	24.214	ng	97
13) 1,4-Dichlorobenzene	7.62	146	522429	24.431	ng	98
14) 1,2-Dichlorobenzene	7.93	146	494763	23.862	ng	99
15) Benzyl Alcohol	7.83	79	390893	22.619	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.12	45	476108	17.391	ng	90
17) 2-Methylphenol	8.03	107	387026	25.223	ng	96
18) Hexachloroethane	8.63	117	131263	17.417	ng	100
19) n-Nitroso-di-n-propylamine	8.39	70	336111	21.571	ng	90
20) 3+4-Methylphenols	8.36	107	520609	24.420	ng	96
22) Acetophenone	8.40	105	690231	26.547	ng	# 93
24) Nitrobenzene	8.78	77	495446	24.199	ng	96
25) Isophorone	9.30	82	890606	28.575	ng	97
26) 2-Nitrophenol	9.48	139	202203	21.441	ng	94
27) 2,4-Dimethylphenol	9.55	122	433046	31.862	ng	96
28) bis(2-Chloroethoxy)methane	9.78	93	564711	26.752	ng	96
29) 2,4-Dichlorophenol	10.02	162	426247	27.017	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	455404	24.818	ng	98
31) Naphthalene	10.40	128	1621992	31.667	ng	99
32) Benzoic acid	9.67	122	77240m	6.274	ng	
33) 4-Chloroaniline	10.53	127	198617	8.854	ng	96
34) Hexachlorobutadiene	10.67	225	278301	24.430	ng	99
35) Caprolactam	11.33	113	129732	22.329	ng	# 78
36) 4-Chloro-3-methylphenol	11.67	107	442386	24.286	ng	99
37) 2-Methylnaphthalene	12.02	142	1112568	30.733	ng	99
38) 1-Methylnaphthalene	12.25	142	994606	28.021	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	480152	26.908	ng	98

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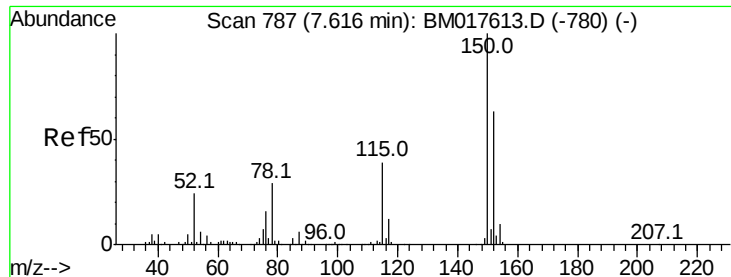
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	13225	1.434	nq	97
43) 2,4,6-Trichlorophenol	12.65	196	320406	28.667	nq	98
44) 2,4,5-Trichlorophenol	12.73	196	329801	27.946	nq	98
46) 1,1'-Biphenyl	13.06	154	1219727	26.853	nq	99
47) 2-Chloronaphthalene	13.10	162	894346	26.527	nq	99
48) 2-Nitroaniline	13.32	65	271273	26.018	nq	90
49) Acenaphthylene	13.95	152	1443834	28.504	nq	99
50) Dimethylphthalate	13.70	163	1267628	30.811	nq	99
51) 2,6-Dinitrotoluene	13.83	165	215791	23.555	nq	92
52) Acenaphthene	14.30	154	997210	32.079	nq	98
53) 3-Nitroaniline	14.16	138	232691	23.329	nq	92
54) 2,4-Dinitrophenol	14.39	184	3364	7.671	nq	# 76
55) Dibenzofuran	14.64	168	1472739	28.990	nq	97
56) 4-Nitrophenol	14.49	139	351649	44.300	nq	90
57) 2,4-Dinitrotoluene	14.63	165	269911	21.856	nq	95
58) Fluorene	15.29	166	1299467	33.413	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	278055	25.616	nq	99
60) Diethylphthalate	15.07	149	1040859	23.415	nq	99
61) 4-Chlorophenyl-phenylether	15.29	204	517098	23.402	nq	99
62) 4-Nitroaniline	15.33	138	238884	25.412	nq	92
63) Azobenzene	15.58	77	911489	22.181	nq	93
65) 4,6-Dinitro-2-methylphenol	15.40	198	6098	0.937	nq	# 23
66) n-Nitrosodiphenylamine	15.51	169	881098	29.174	nq	100
67) 4-Bromophenyl-phenylether	16.19	248	298895	26.904	nq	94
68) Hexachlorobenzene	16.30	284	318092	25.398	nq	95
69) Atrazine	16.47	200	302082	27.195	nq	96
70) Pentachlorophenol	16.64	266	357517	40.741	nq	100
71) Phenanthrene	17.03	178	3097662	60.772	nq	100
72) Anthracene	17.13	178	1970344	39.725	nq	98
73) Carbazole	17.40	167	1408564	28.104	nq	99
74) Di-n-butylphthalate	17.97	149	1591898	28.532	nq	98
75) Fluoranthene	19.06	202	3006464	52.130	nq	99
77) Benzidine	19.27	184	904566	31.184	nq	99
78) Pyrene	19.43	202	2750487	50.043	nq	99
80) Butylbenzylphthalate	20.34	149	649075	29.076	nq	97
81) Benzo(a)anthracene	21.19	228	2056948	40.081	nq	100
82) 3,3'-Dichlorobenzidine	21.12	252	372233	18.793	nq	96
83) Chrysene	21.24	228	1837593	36.866	nq	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	936357	28.373	nq	97
85) Di-n-octyl phthalate	21.99	149	1601678	30.310	nq	# 94
86) Indeno(1,2,3-cd)pyrene	25.57	276	1960642	49.223	nq	100
88) Benzo(b)fluoranthene	22.74	252	2003364	35.363	nq	97
89) Benzo(k)fluoranthene	22.78	252	1743251	30.445	nq	100
90) Benzo(a)pyrene	23.29	252	1899908	36.781	nq	99
91) Dibenzo(a,h)anthracene	25.58	278	1476014	33.989	nq	98
92) Benzo(g,h,i)perylene	26.24	276	1679091	41.117	nq	99

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



#1

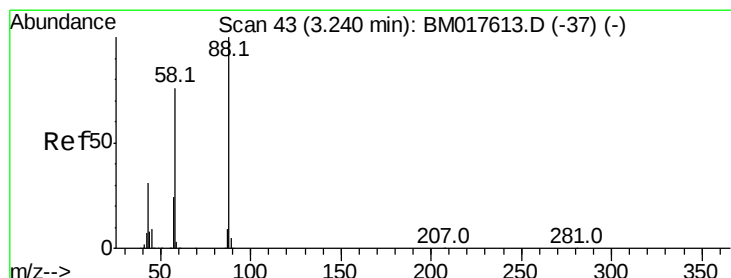
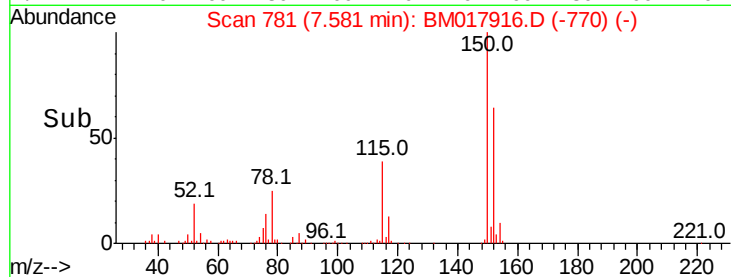
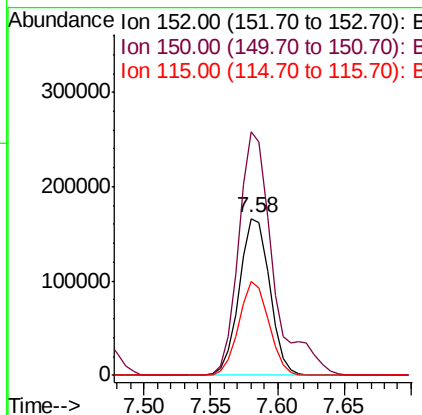
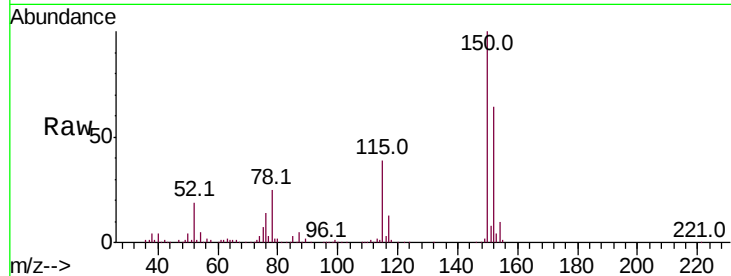
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.4	189.6
115	60.1	49.4	74.0

Manual Integrations
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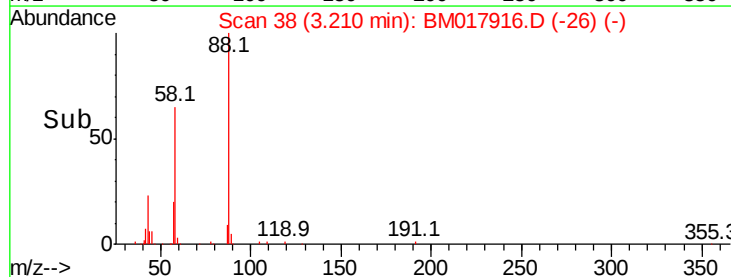
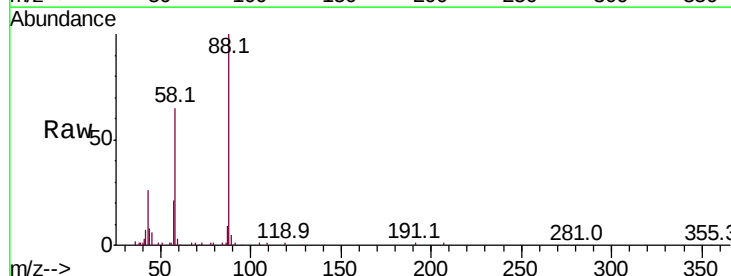
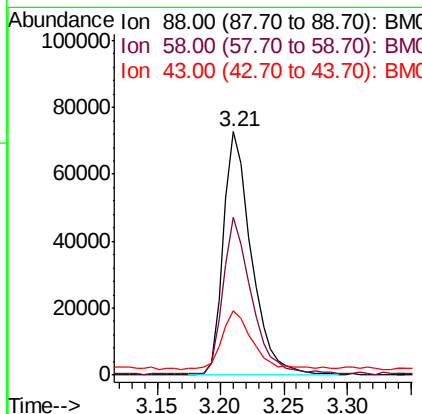
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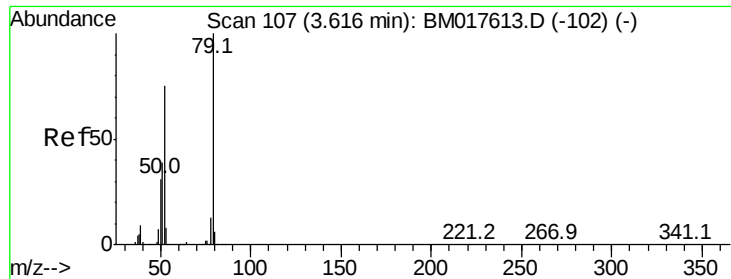


#2

1,4-Dioxane
Concen: 17.331 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	62.0	93.0
43	26.1	26.8	40.2





#3

Pvridine

Concen: 18.421 ng

RT: 3.59 min Scan# 103

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

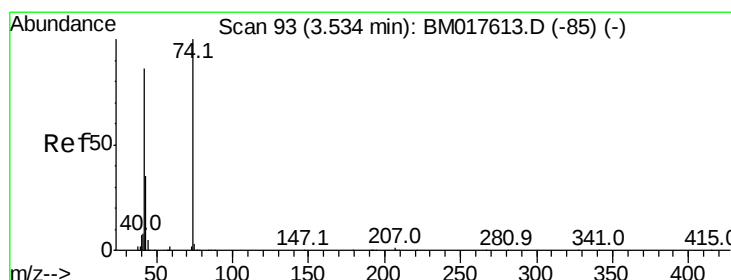
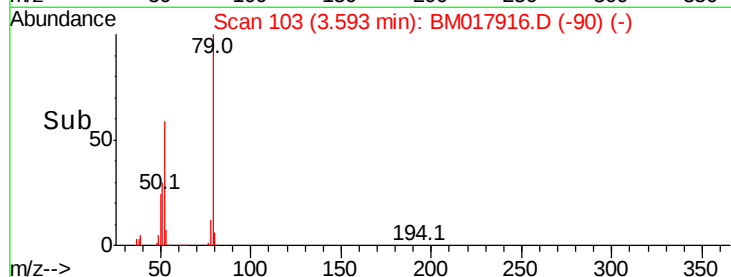
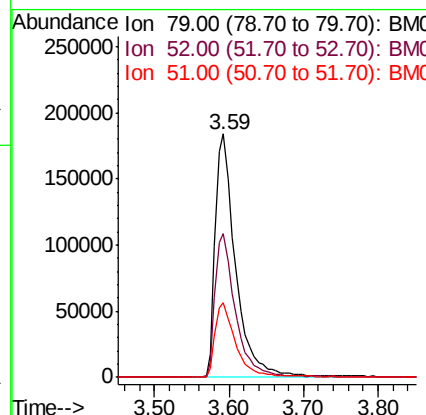
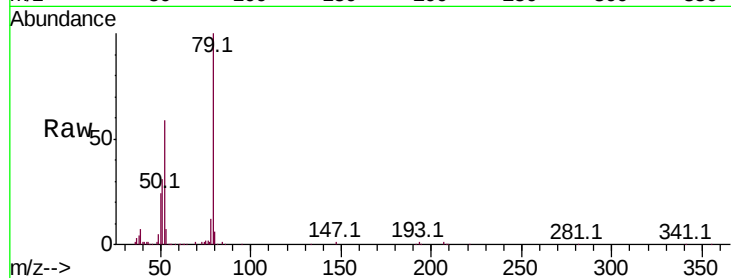
ClientSampleId :

AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.0	60.1	90.1#
51	30.6	31.1	46.7#

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#4

n-Nitrosodimethylamine

Concen: 18.506 ng

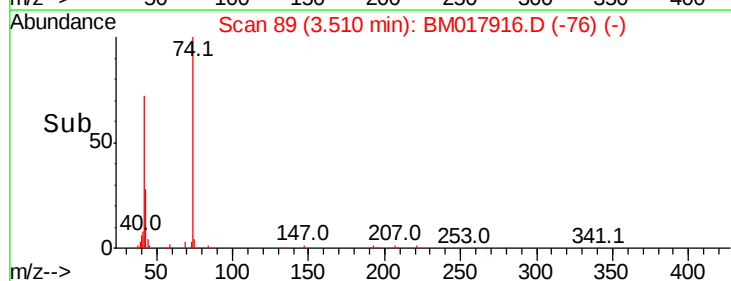
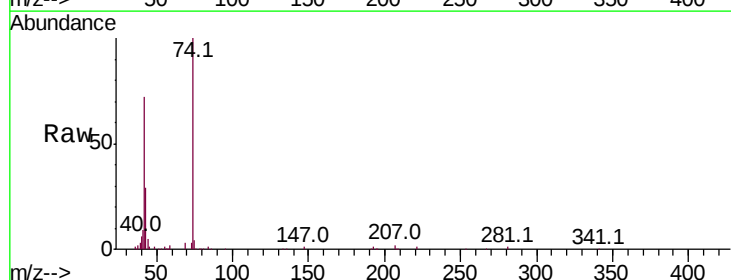
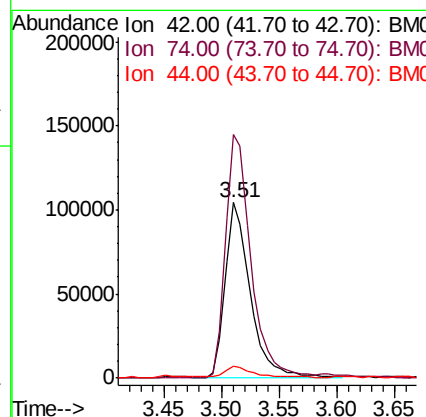
RT: 3.51 min Scan# 89

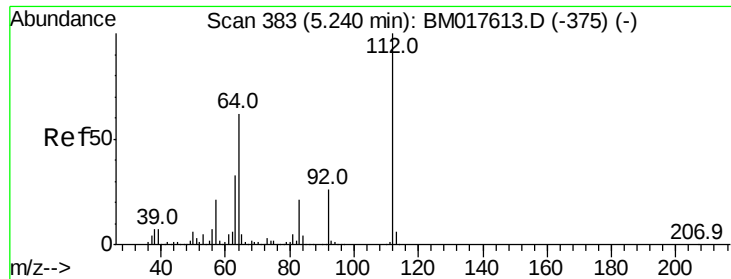
Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.7	93.1	139.7
44	6.7	5.0	7.6





#5

2-Fluorophenol

Concen: 82.907 ng

RT: 5.22 min Scan# 379

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

Tot Ion:112 Resp: 1288169

Ion Ratio Lower Upper

112 100

64 54.9 49.3 73.9

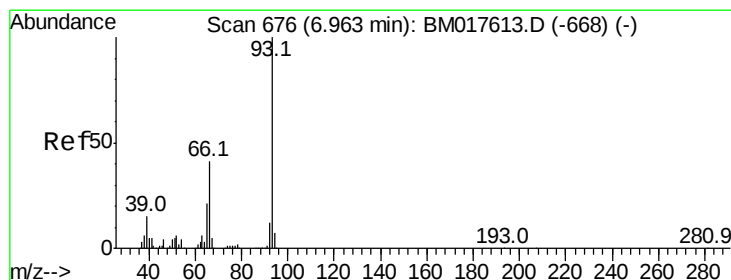
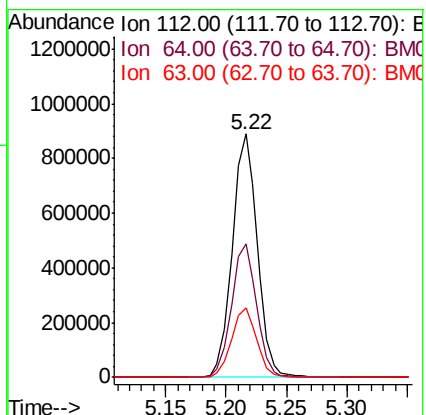
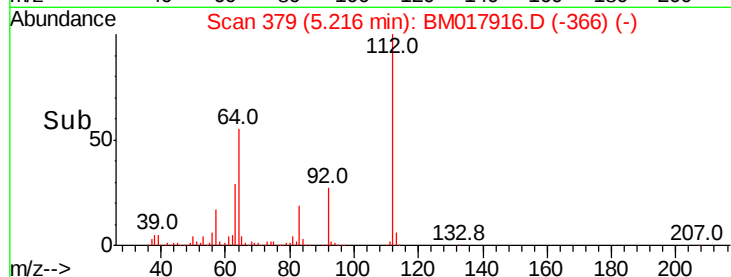
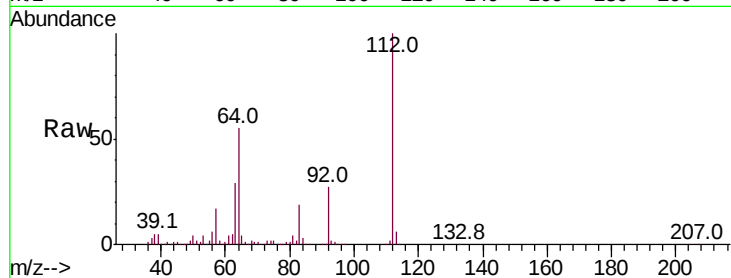
63 28.8 26.2 39.4

Manual Integrations

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#6

Aniline

Concen: 7.070 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

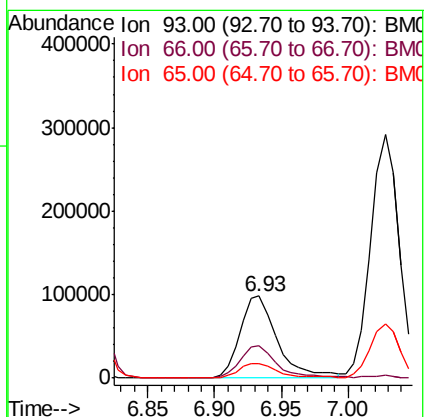
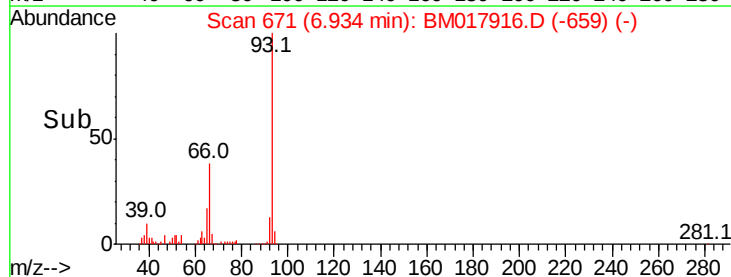
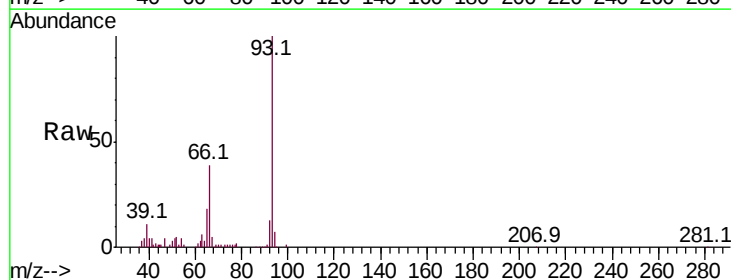
Tgt Ion: 93 Resp: 190256

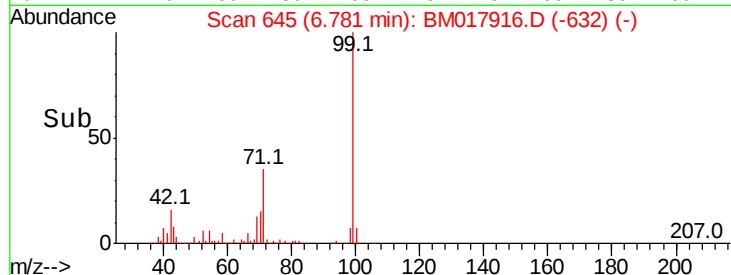
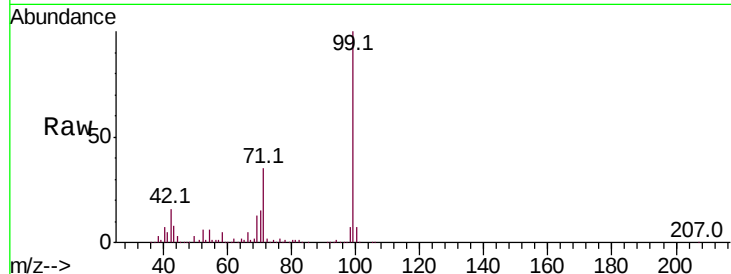
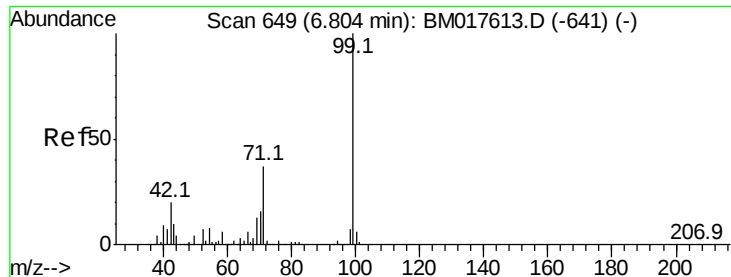
Ion Ratio Lower Upper

93 100

66 39.0 32.8 49.2

65 17.9 16.6 25.0





#7

Phenol-d6

Concen: 77.892 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tot Ion: 99 Resp: 1690284

Ion Ratio Lower Upper

99 100

42 15.8 16.3 24.5#

71 34.8 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

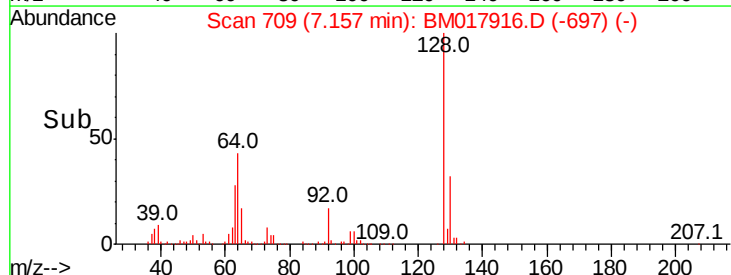
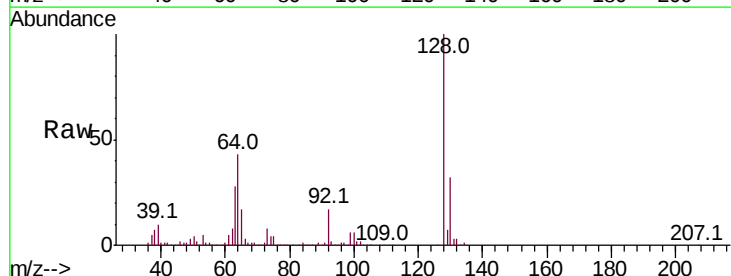
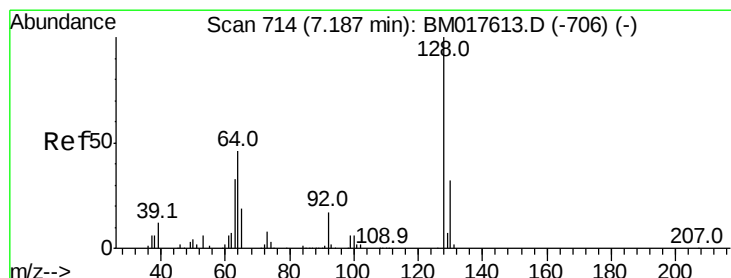
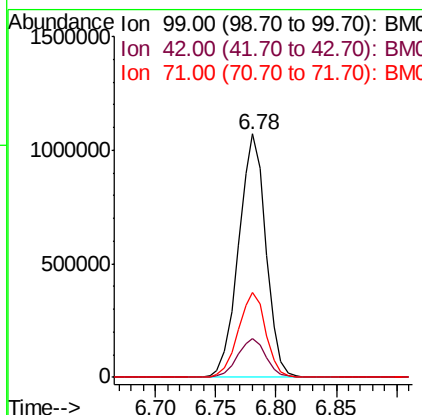
AU-06-112918MS

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#8

2-Chlorophenol

Concen: 26.242 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

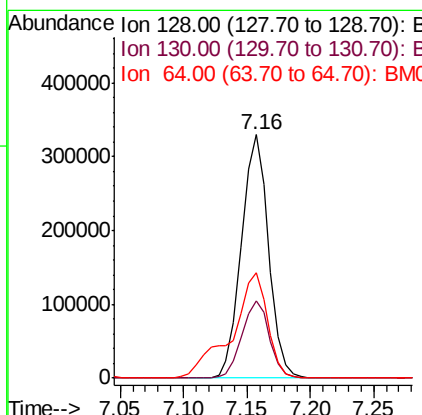
Tgt Ion:128 Resp: 487963

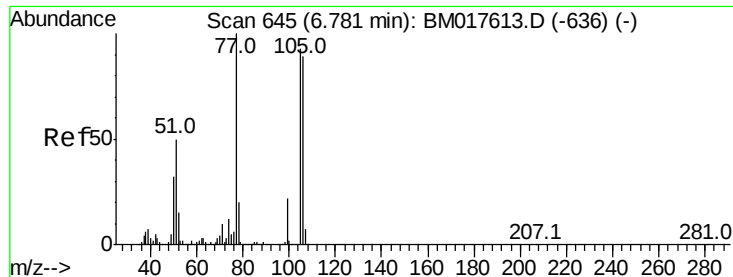
Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

64 43.2 30.0 70.0





#9

Benzaldehyde

Concen: 15.986 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.04 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

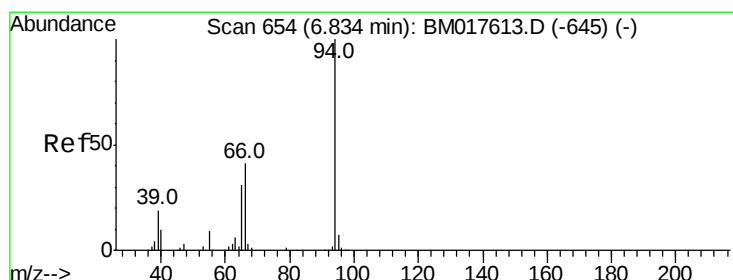
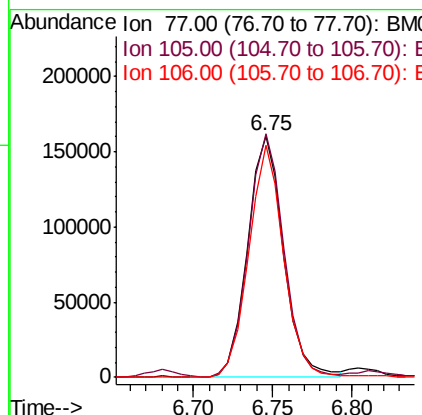
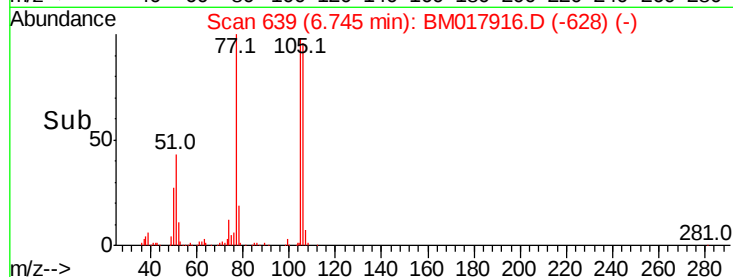
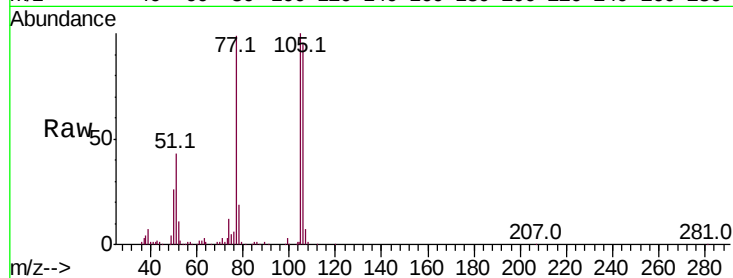
ClientSampleId :

AU-06-112918MS

Tot Ion:	77	Resp:	252705
Ion	Ratio	Lower	Upper
77	100		
105	100.8	72.7	112.7
106	96.1	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 30.610 ng

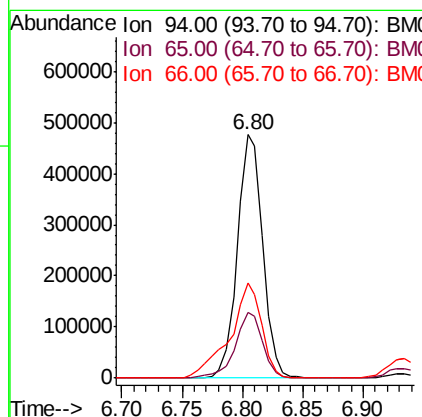
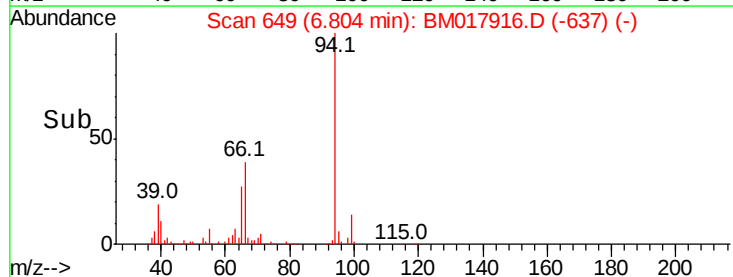
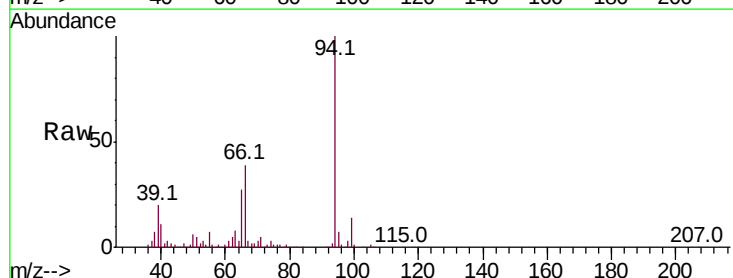
RT: 6.80 min Scan# 649

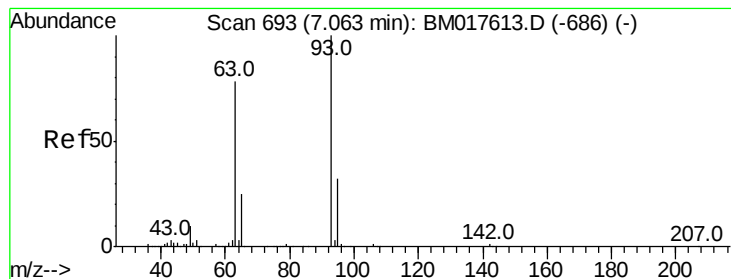
Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tgt Ion:	94	Resp:	697223
Ion	Ratio	Lower	Upper
94	100		
65	27.1	11.4	51.4
66	39.1	21.4	61.4





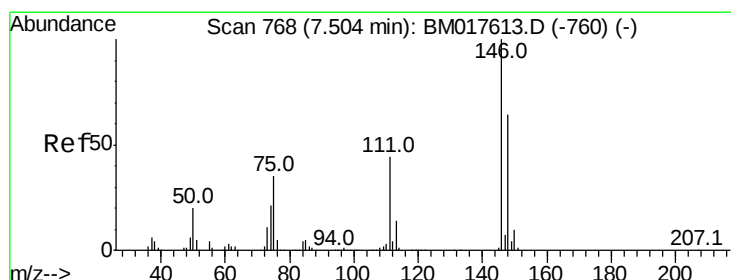
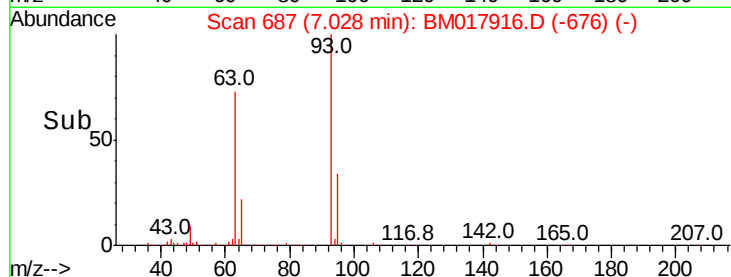
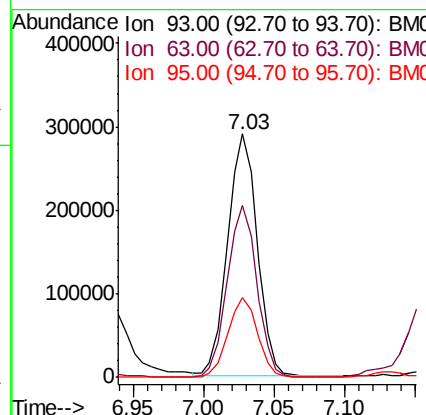
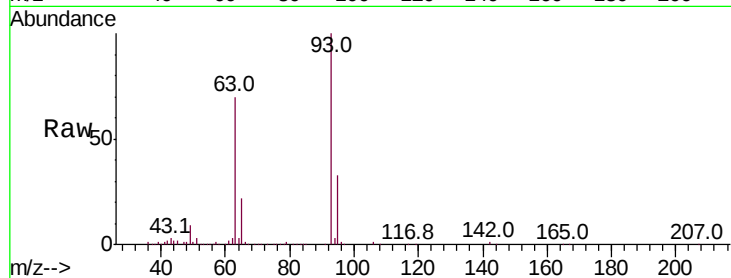
#11
bis(2-Chloroethyl)ether
Concen: 23.635 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	424988		
63	70.4	57.9	97.9	
95	32.8	12.3	52.3	

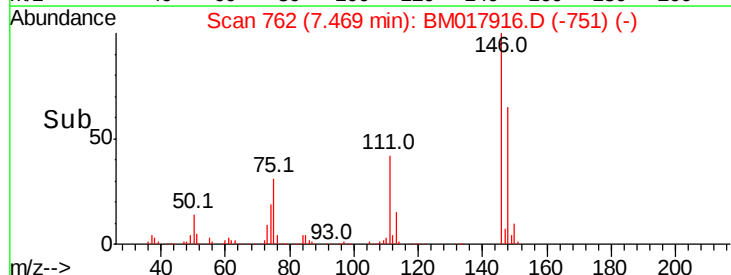
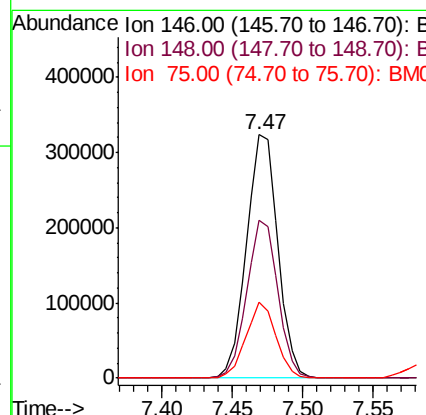
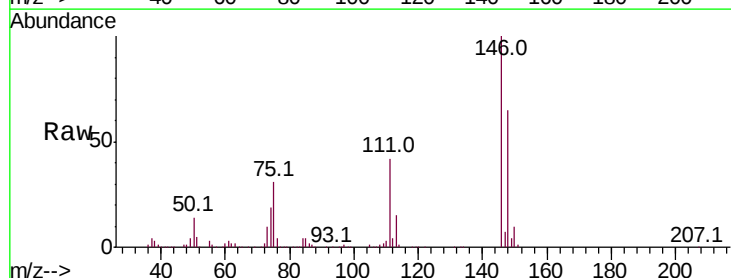
Manual Integrations
APPROVED

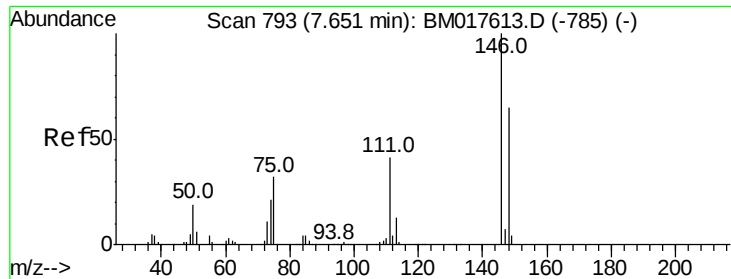
mohammad
12/5/2018 4:50:15 PM



#12
1,3-Dichlorobenzene
Concen: 24.214 ng
RT: 7.47 min Scan# 762
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	505163		
148	64.9	51.2	76.8	
75	31.4	28.2	42.2	





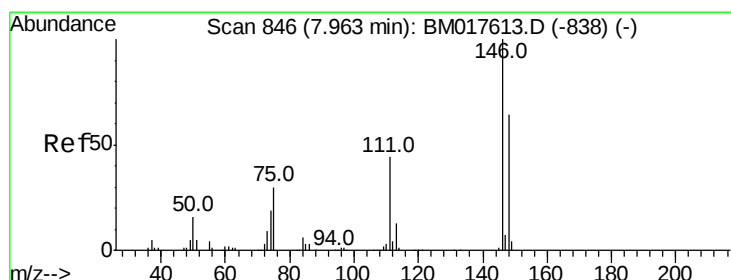
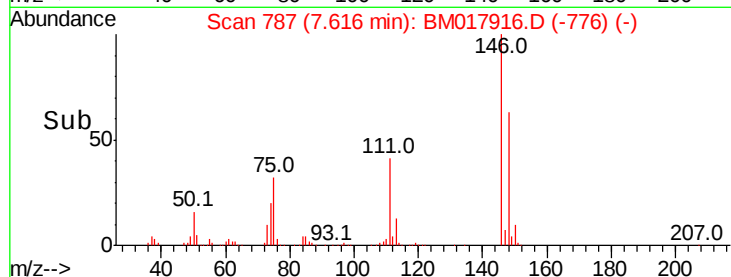
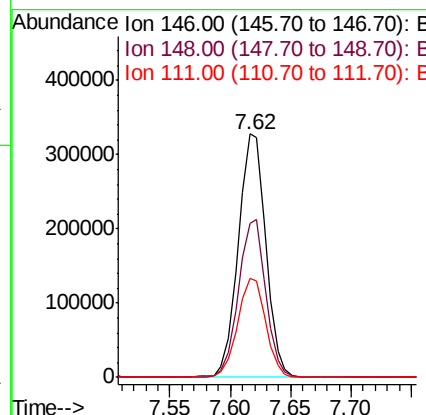
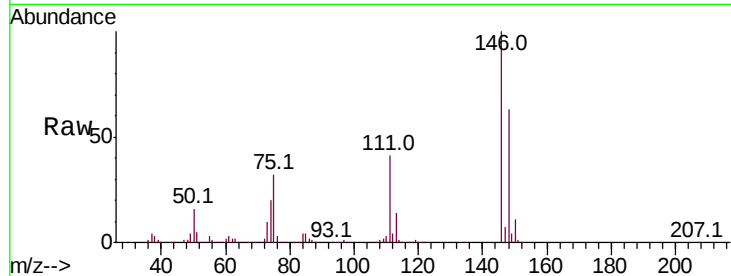
#13
1,4-Dichlorobenzene
Concen: 24.431 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.0	78.0
111	40.7	33.2	49.8

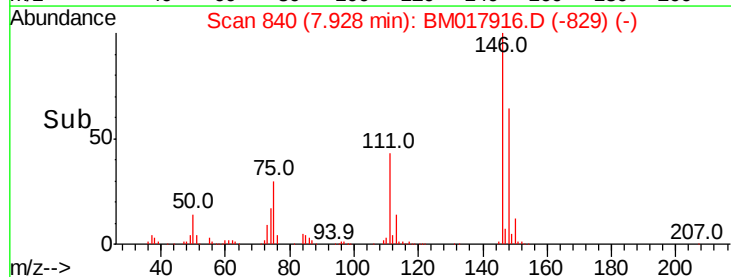
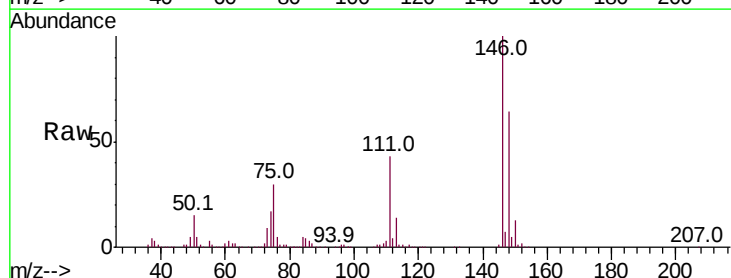
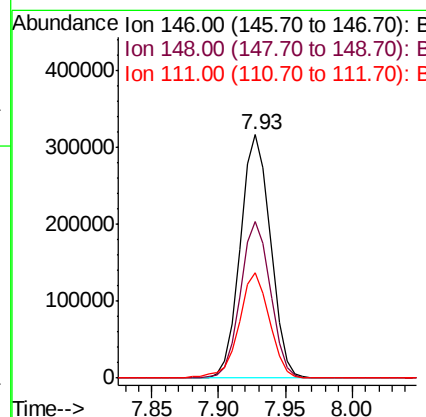
Manual Integrations
APPROVED

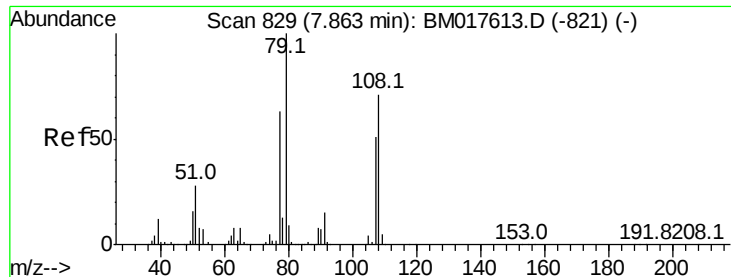
mohammad
12/5/2018 4:50:15 PM



#14
1,2-Dichlorobenzene
Concen: 23.862 ng
RT: 7.93 min Scan# 840
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	43.3	35.8	53.8





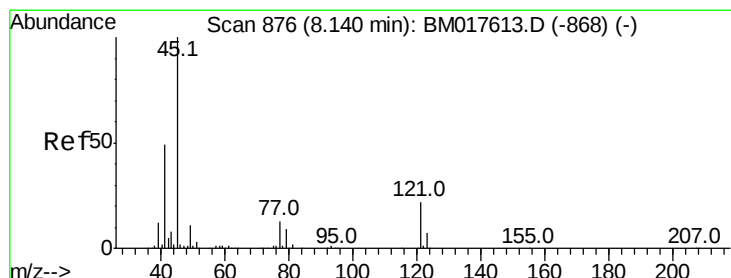
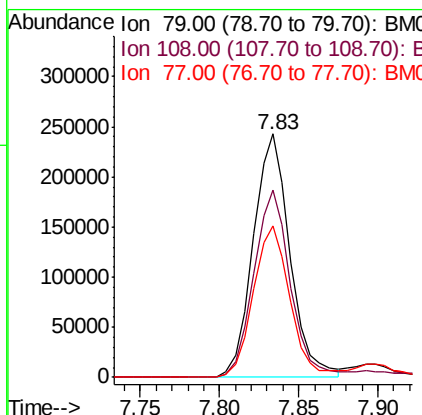
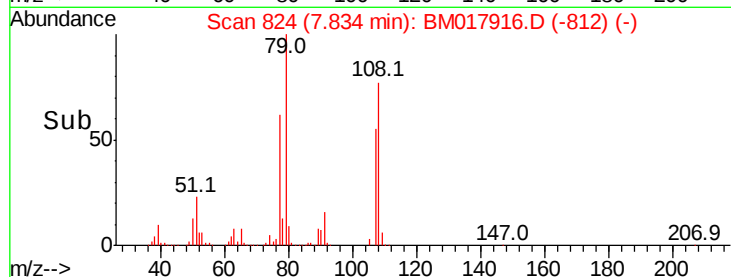
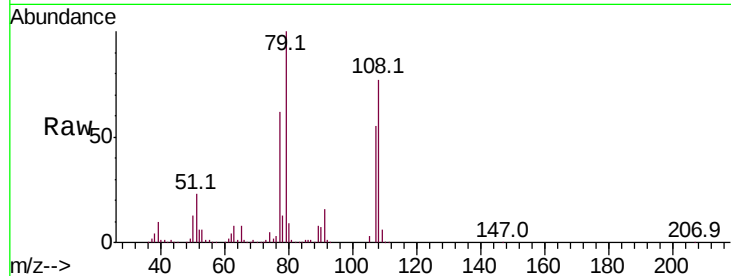
#15
Benzyl Alcohol
Concen: 22.619 ng
RT: 7.83 min Scan# 824
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	57.1	85.7
77	62.2	50.4	75.6

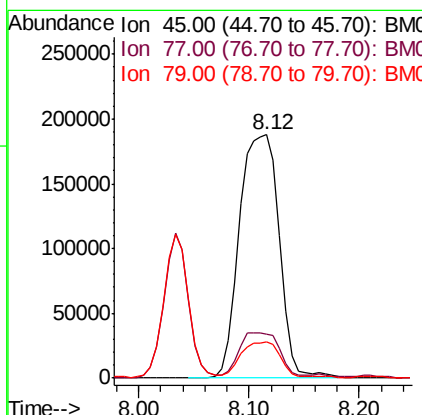
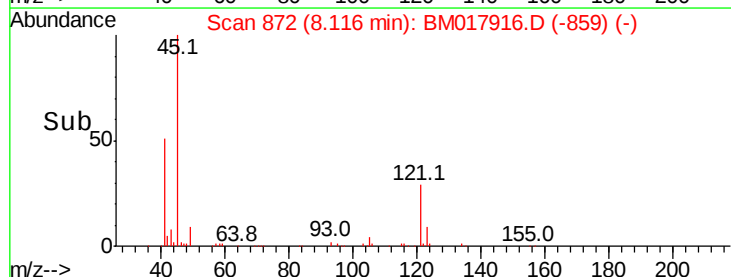
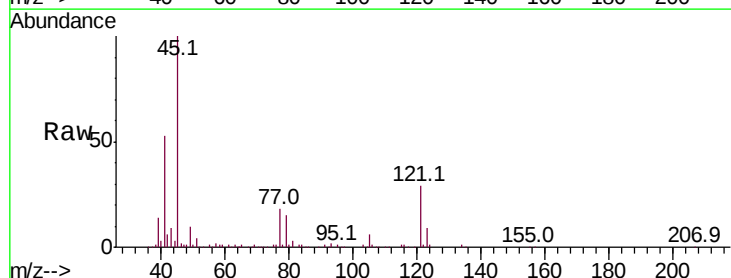
Manual Integrations
APPROVED

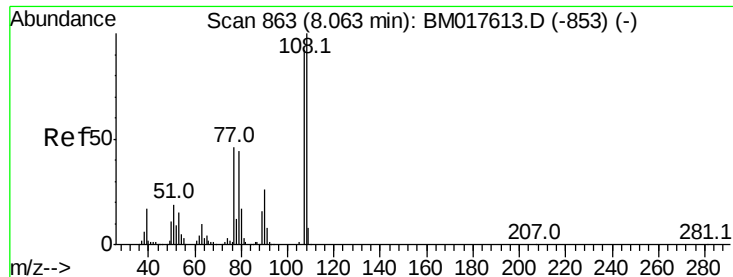
mohammad
12/5/2018 4:50:15 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.391 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	34.2
79	14.9	0.0	30.5





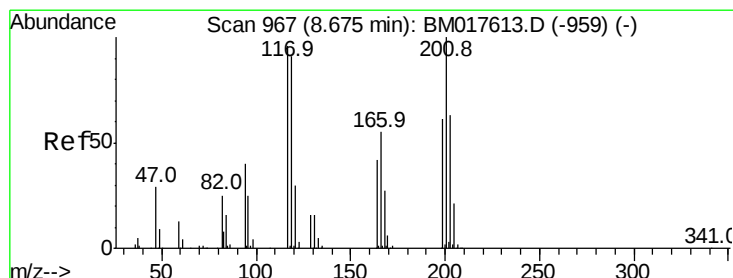
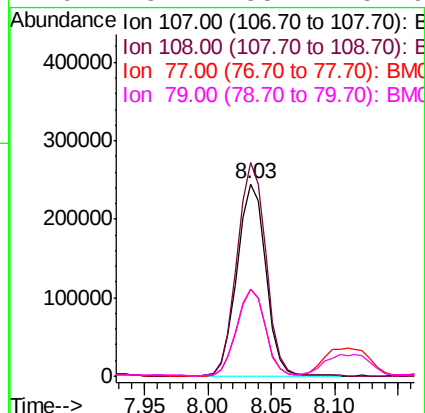
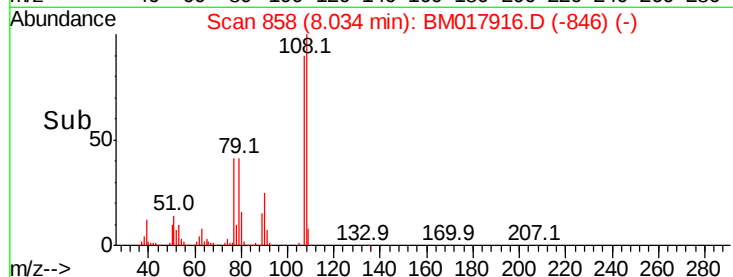
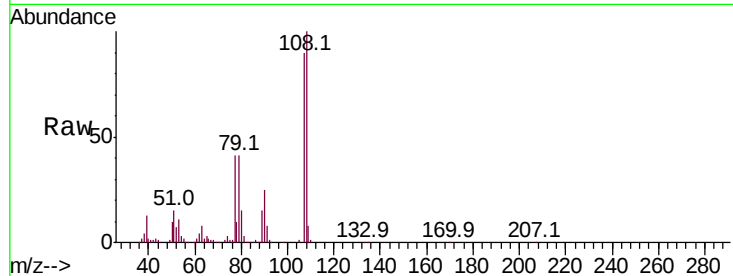
#17
2-Methylphenol
Concen: 25.223 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	86.7	130.1	
77	45.5	39.8	59.6	
79	45.4	38.4	57.6	

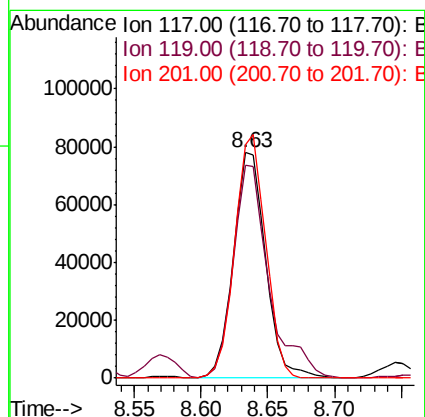
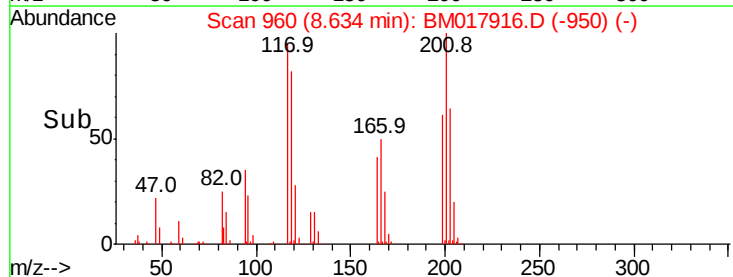
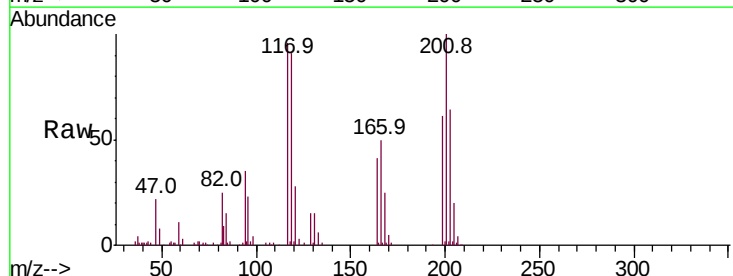
Manual Integrations
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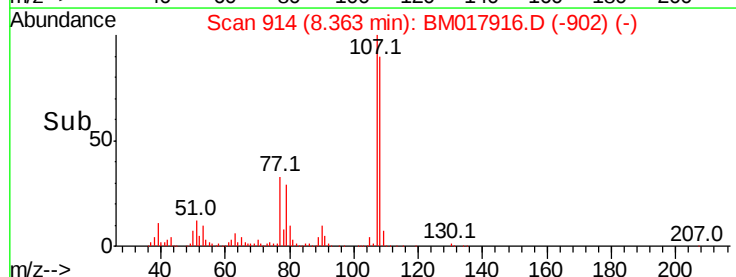
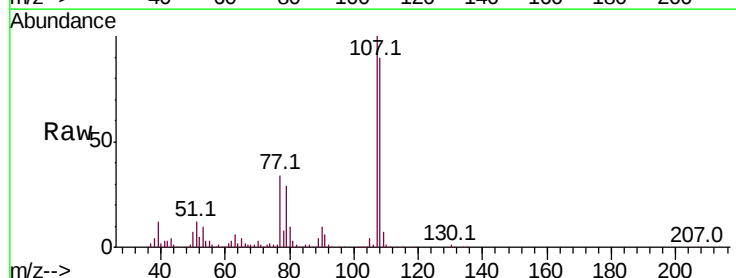
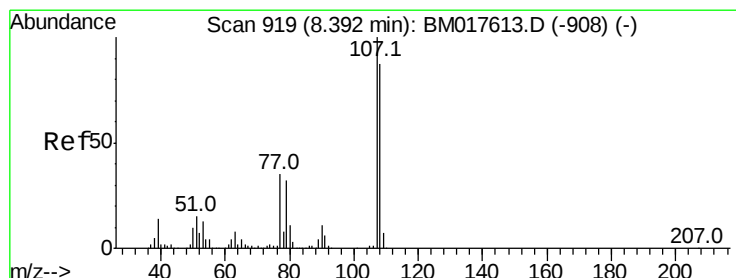
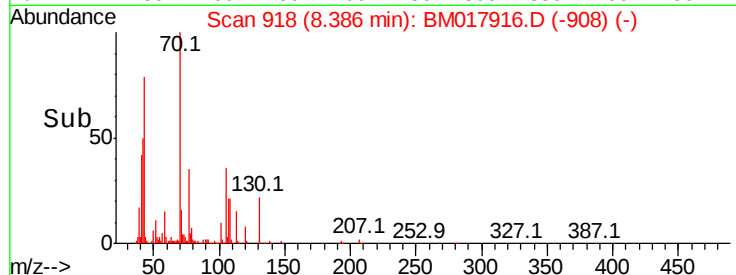
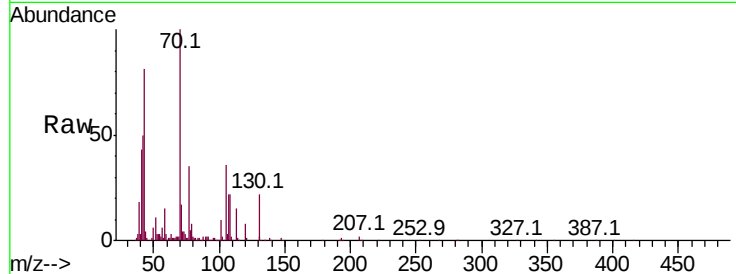
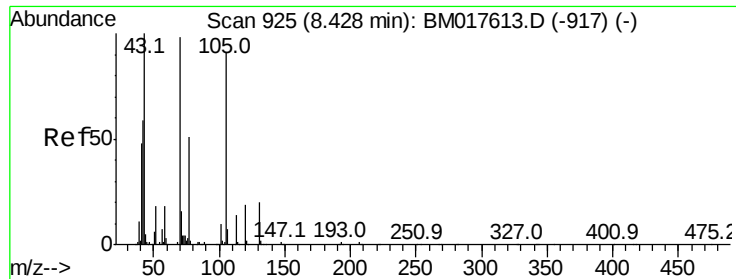
mohammad
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#18
Hexachloroethane
Concen: 17.417 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

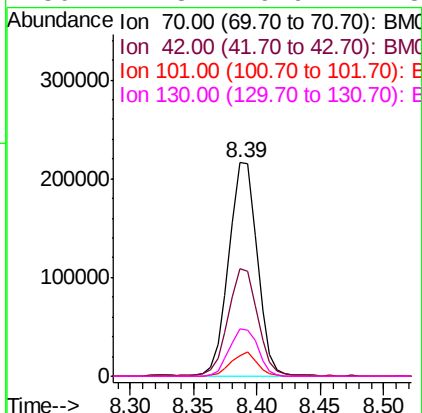
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	75.8	113.8	
201	103.9	83.0	124.4	





#19
n-Nitroso-di-n-propylamine
Concen: 21.571 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.4	48.6	73.0
101	9.6	7.9	11.9
130	22.3	16.6	24.8



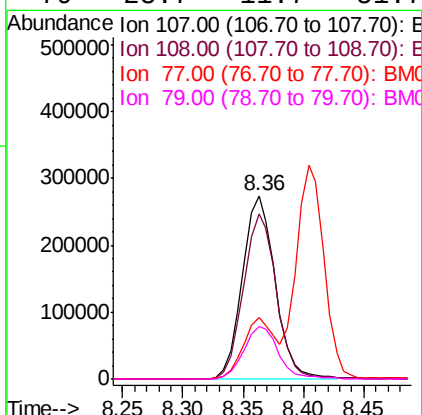
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

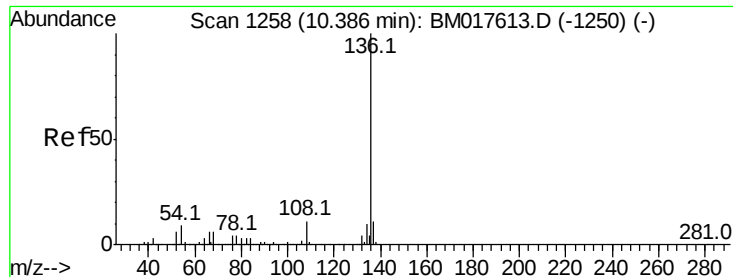
Manual Integrations
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12/5/2018 4:50:15 PM

#20
3+4-Methylphenols
Concen: 24.420 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	67.0	107.0
77	33.6	15.6	55.6
79	28.7	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: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

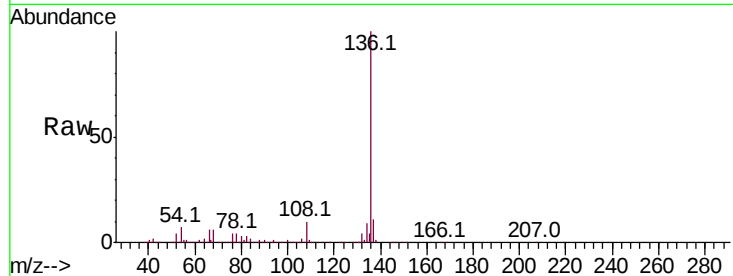
ClientSampleId :

AU-06-112918MS

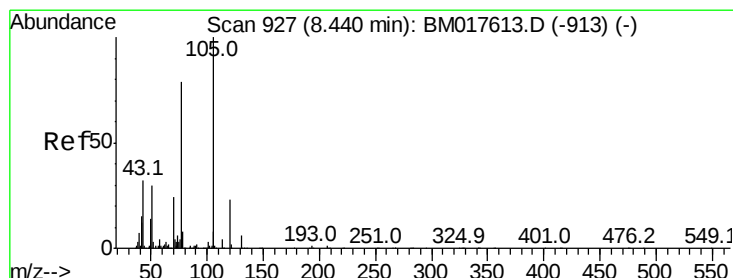
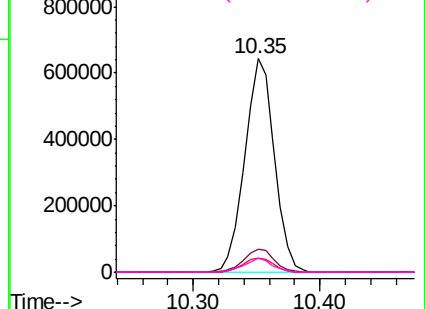
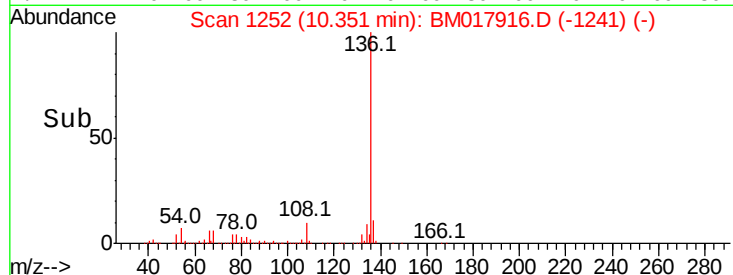
Tot Ion	Ratio	Resp	Lower	Upper
136	100	1041761		
137	10.9	8.6	12.8	
54	6.8	7.0	10.6	
68	6.5	4.9	7.3	

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Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 26.547 ng

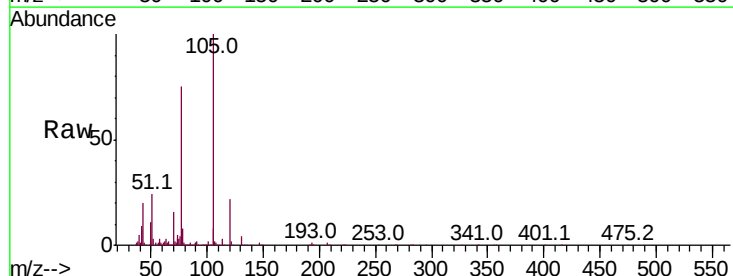
RT: 8.40 min Scan# 921

Delta R.T. -0.04 min

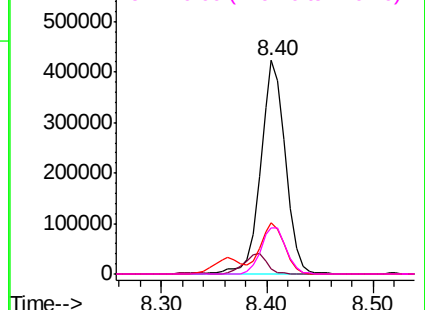
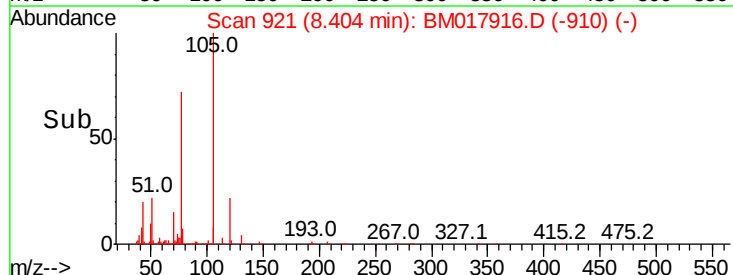
Lab File: BM017916.D

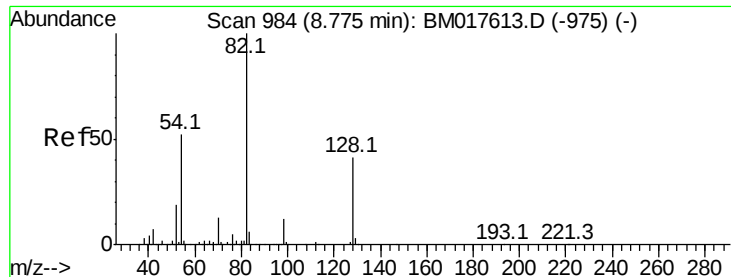
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	690231		
71	2.4	3.1	4.7	
51	23.7	23.8	35.8	
120	21.5	18.0	27.0	



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





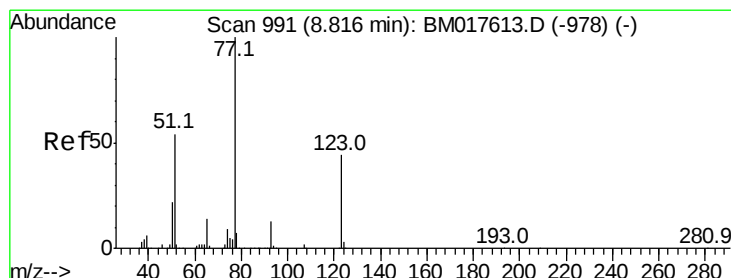
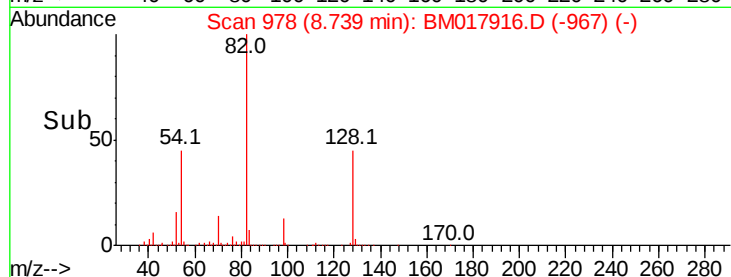
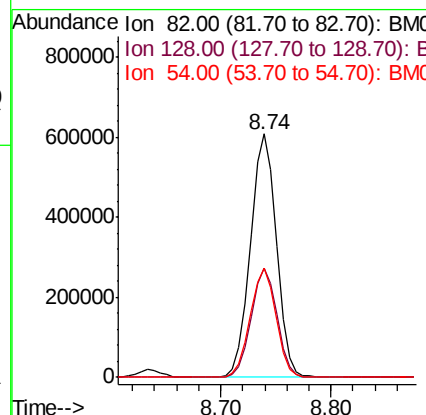
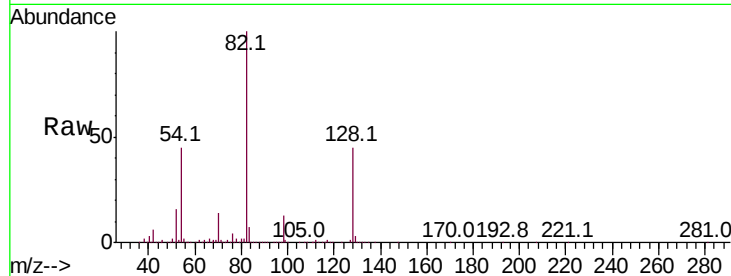
#23
Nitrobenzene-d5
Concen: 49.758 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	33.0	49.4
54	45.0	41.4	62.2

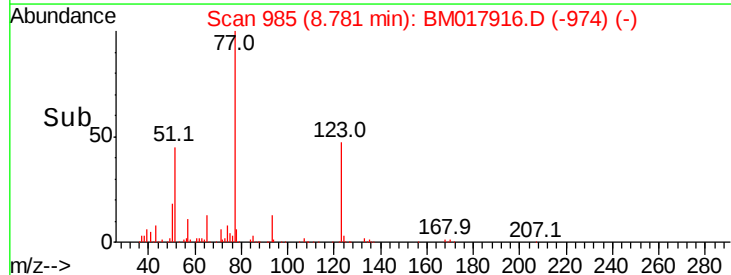
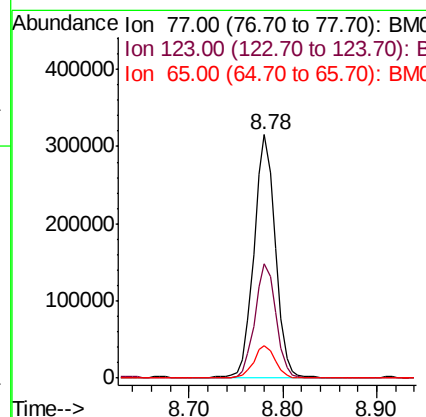
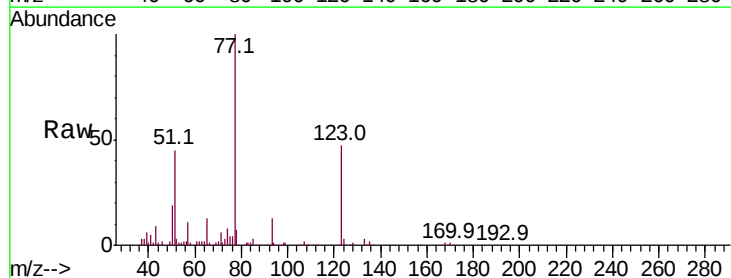
Manual Integrations
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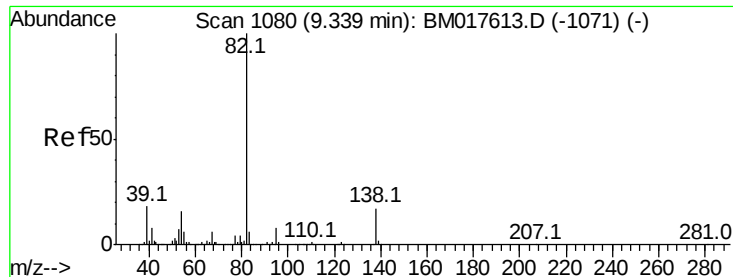
mohammad
12/5/2018 4:50:15 PM



#24
Nitrobenzene
Concen: 24.199 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	35.1	52.7
65	13.4	11.0	16.6





#25

Isophorone

Concen: 28.575 ng

RT: 9.30 min Scan# 1073

Delta R.T. -0.04 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

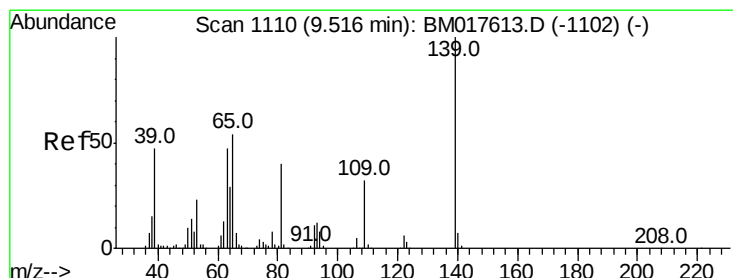
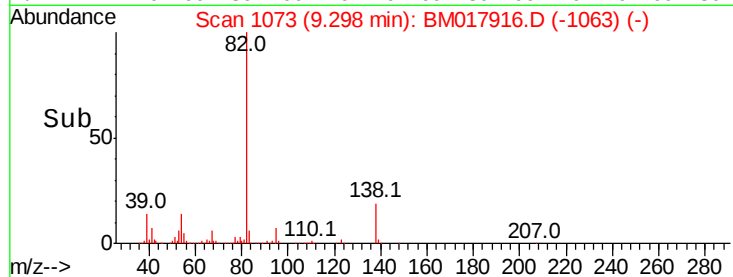
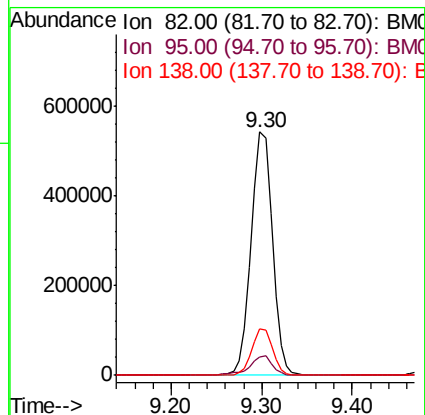
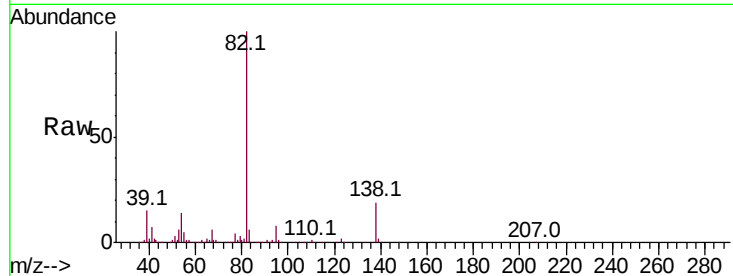
ClientSampleId :

AU-06-112918MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.5	6.1	9.1	
138	18.9	13.9	20.9	

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.441 ng

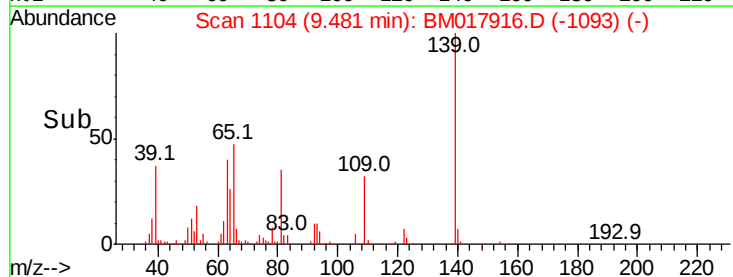
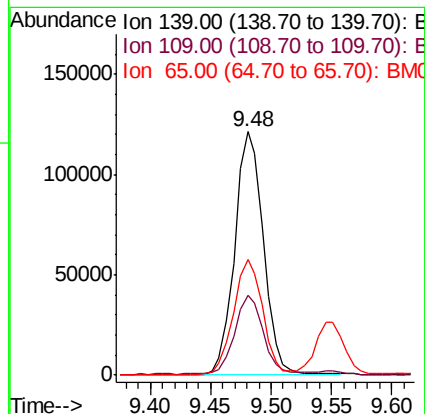
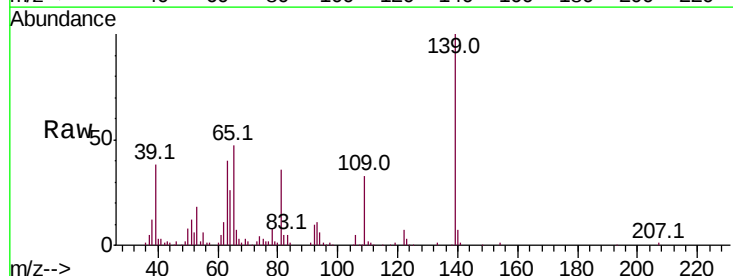
RT: 9.48 min Scan# 1104

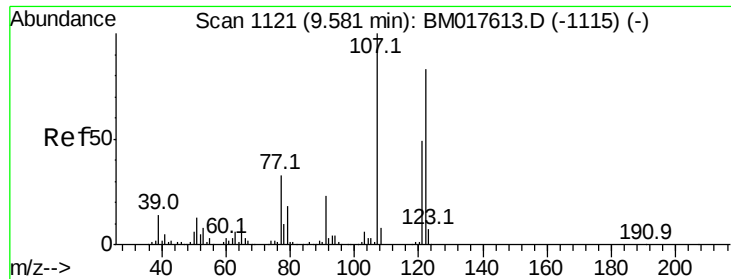
Delta R.T. -0.04 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.7	25.9	38.9	
65	47.2	43.0	64.4	





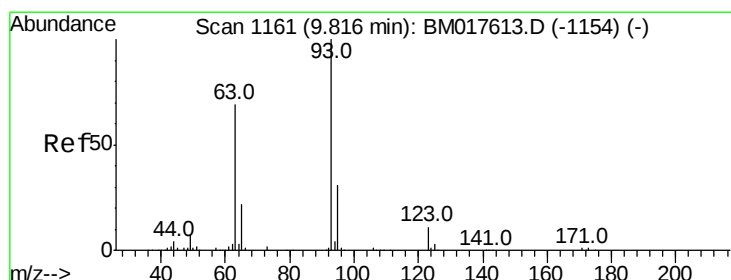
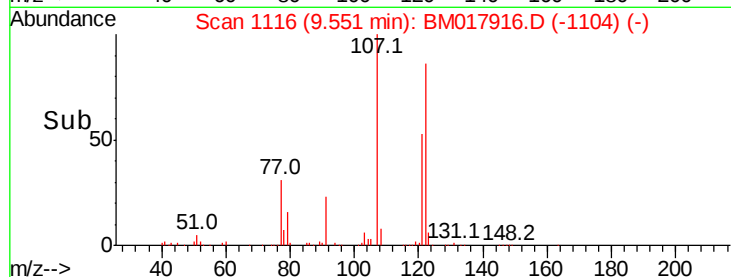
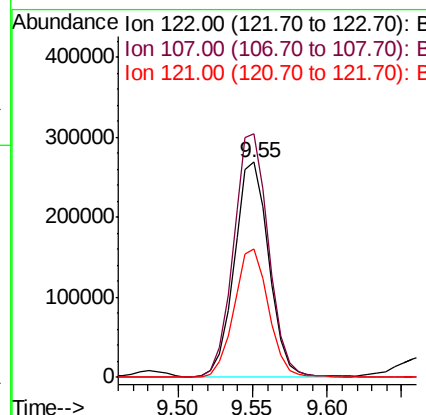
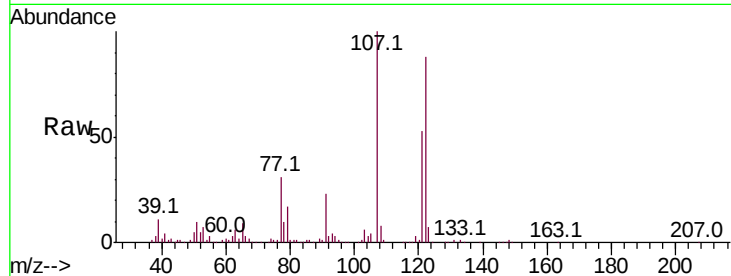
#27
2,4-Dimethylphenol
Concen: 31.862 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	113.2	95.8	143.8	
121	59.6	47.2	70.8	

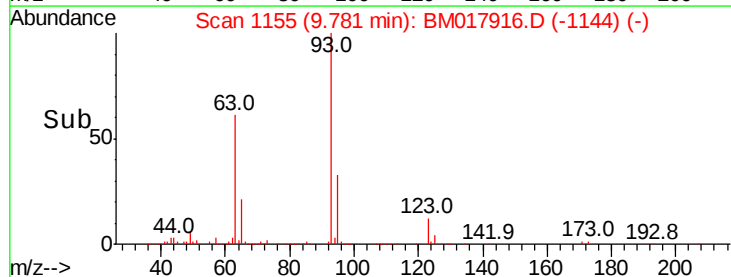
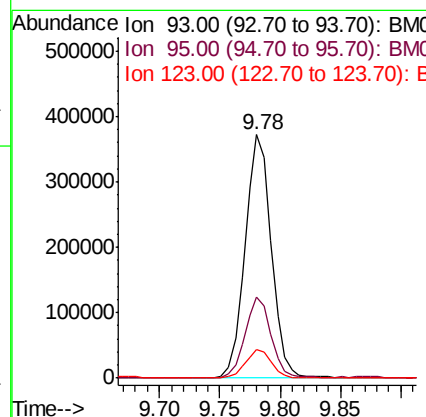
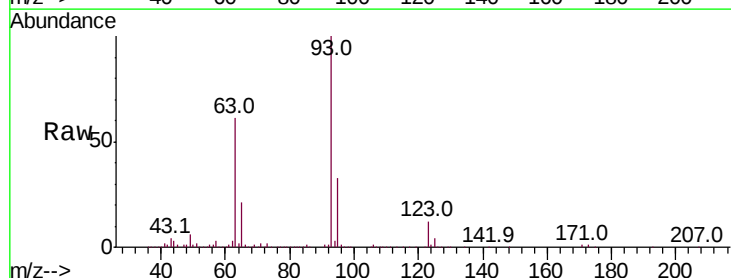
Manual Integrations
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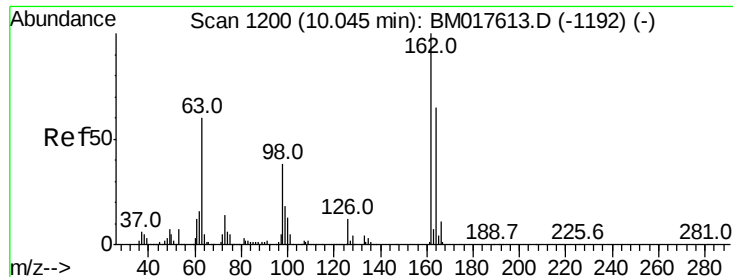
mohammad
12/5/2018 4:50:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 26.752 ng
RT: 9.78 min Scan# 1155
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.3	24.9	37.3	
123	11.8	8.7	13.1	





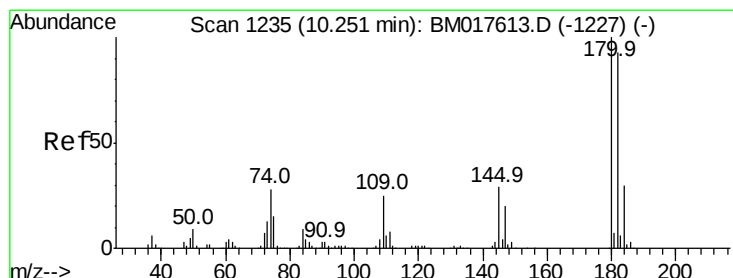
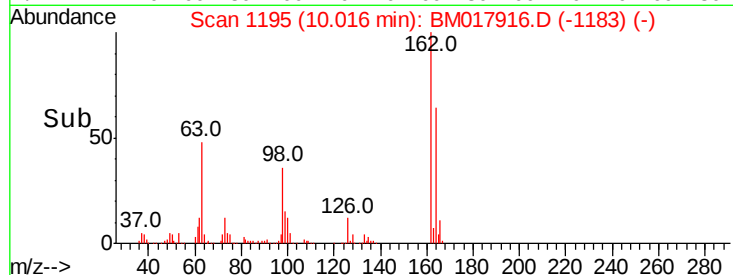
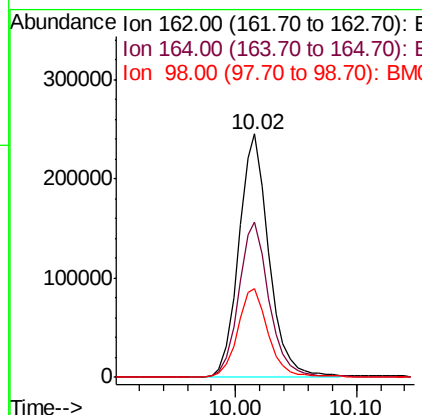
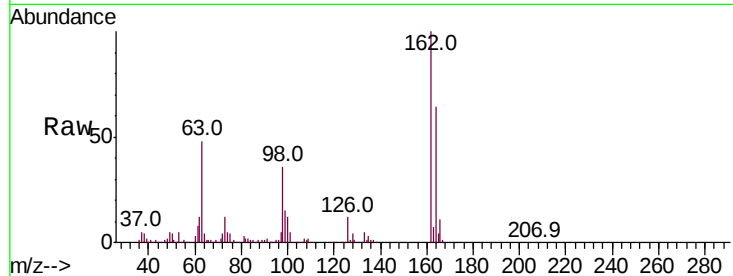
#29
2,4-Dichlorophenol
Concen: 27.017 ng
RT: 10.02 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	426247		
164	63.9	45.0	85.0	
98	36.2	17.5	57.5	

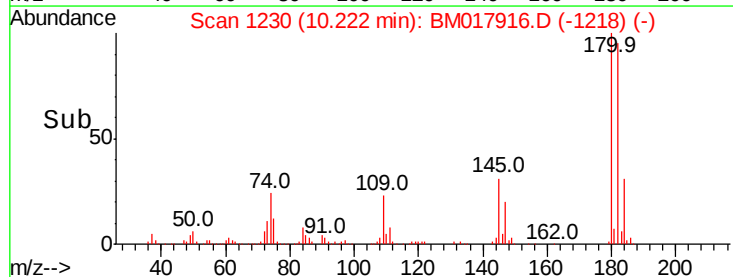
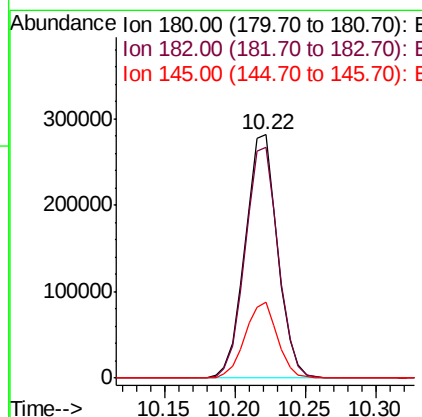
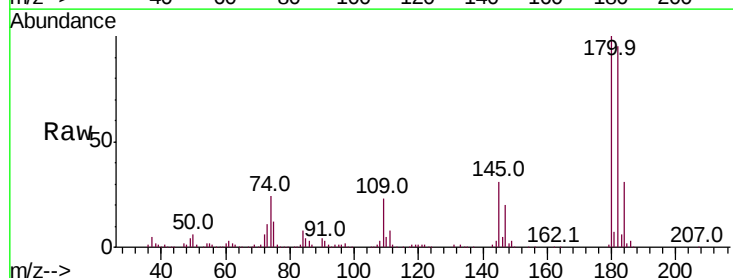
Manual Integrations
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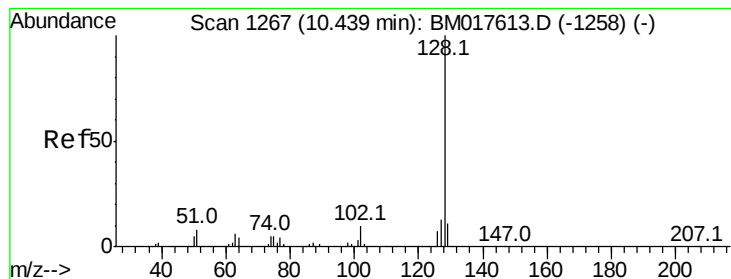
mohammad
12/5/2018 4:50:15 PM



#30
1,2,4-Trichlorobenzene
Concen: 24.818 ng
RT: 10.22 min Scan# 1230
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	455404		
182	94.7	74.4	111.6	
145	31.1	23.5	35.3	





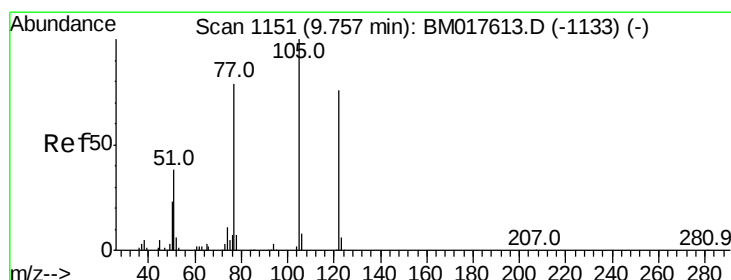
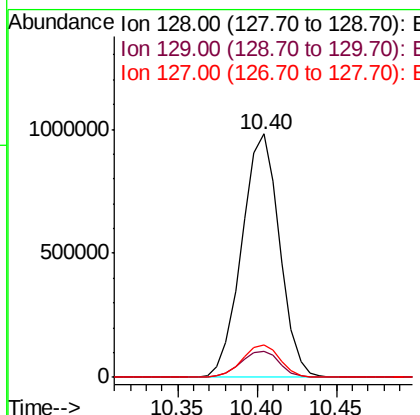
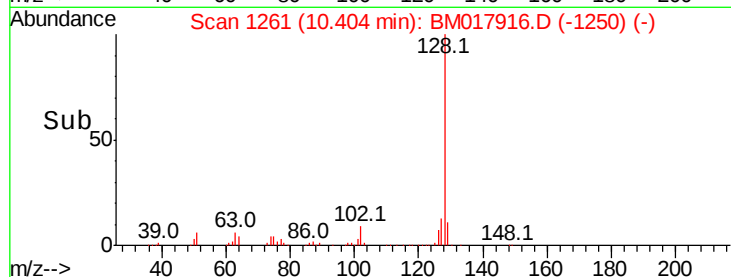
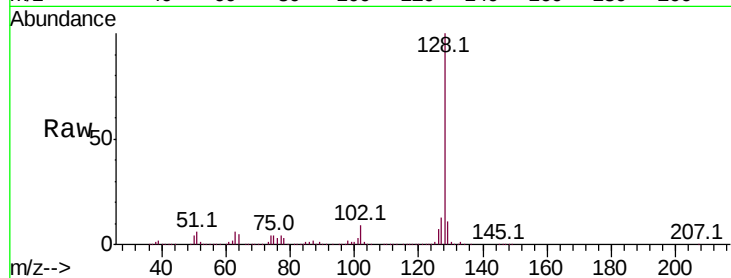
#31
Naphthalene
Concen: 31.667 ng
RT: 10.40 min Scan# 1261
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.2	10.3	15.5

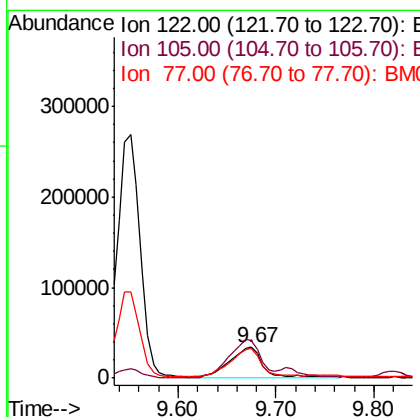
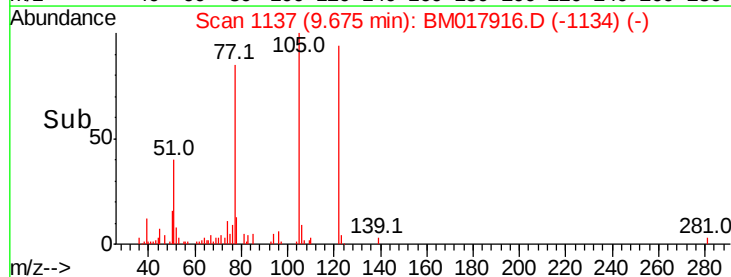
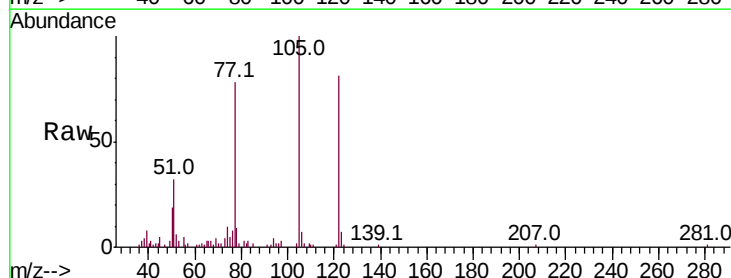
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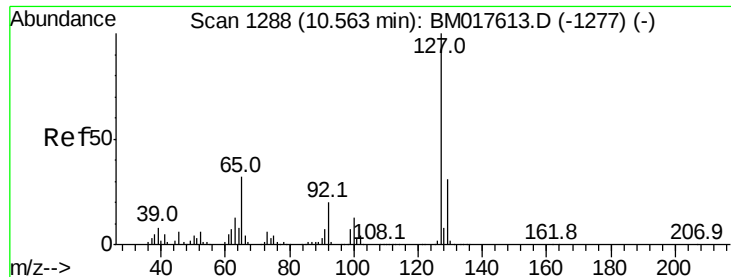
mohammad
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#32
Benzoic acid
Concen: 6.274 ng m
RT: 9.67 min Scan# 1137
Delta R.T. -0.08 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.4	109.1	149.1
77	96.1	82.1	122.1





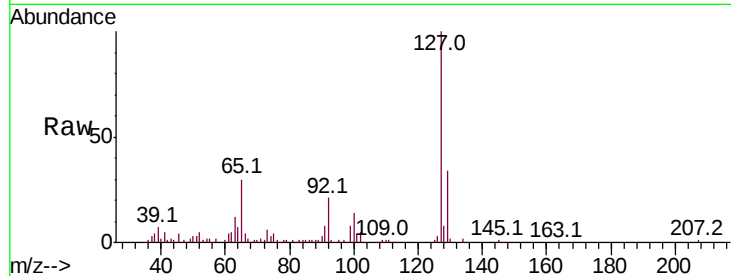
#33
4-Chloroaniline
Concen: 8.854 ng
RT: 10.53 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.8	25.0	37.4	
65	30.2	25.8	38.8	
92	21.5	15.8	23.6	

Manual Integrations
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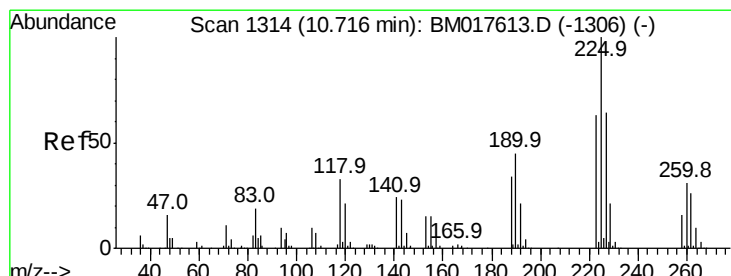
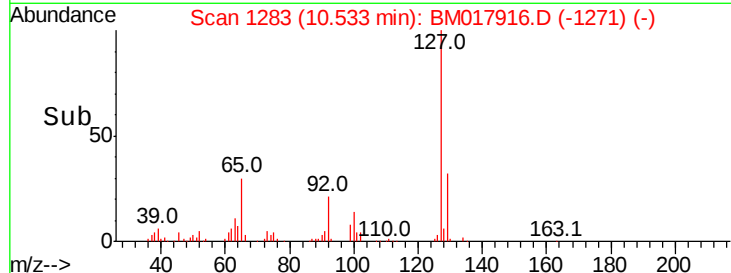
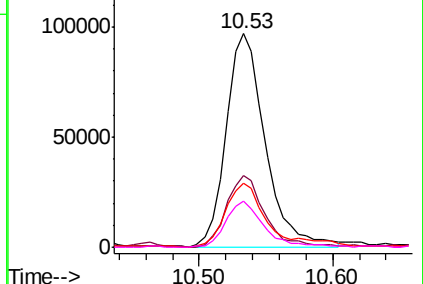
Abundance

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: 24.430 ng
RT: 10.67 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

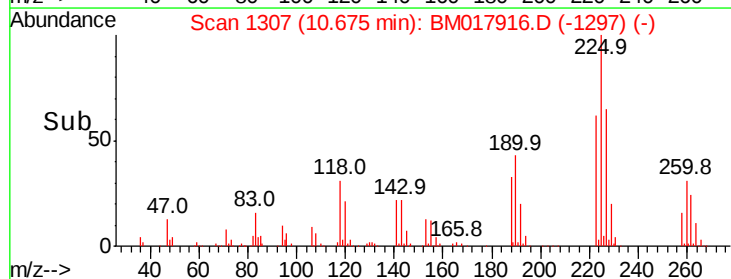
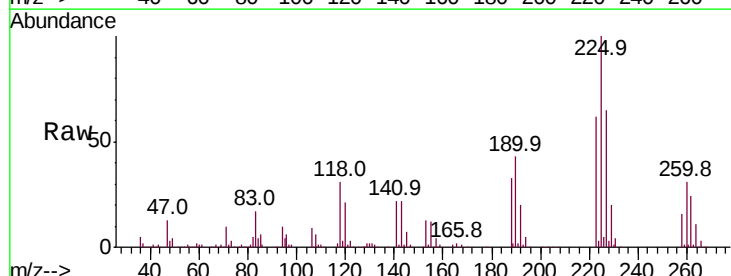
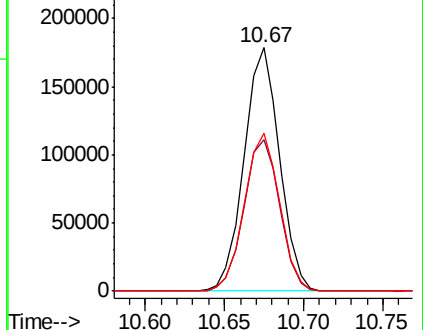
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.7	76.1	
227	64.8	51.0	76.4	

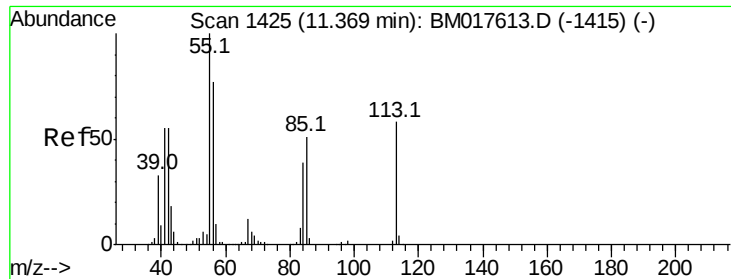
Abundance

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: 22.329 ng

RT: 11.33 min Scan# 1419

Delta R.T. -0.04 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

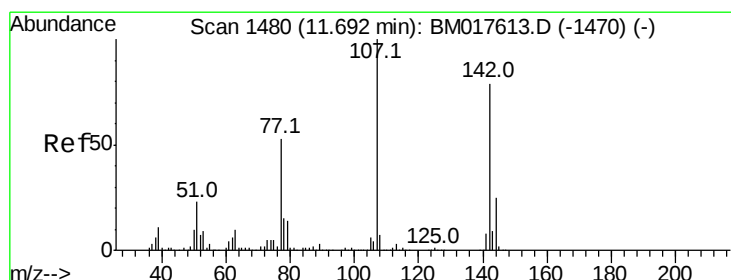
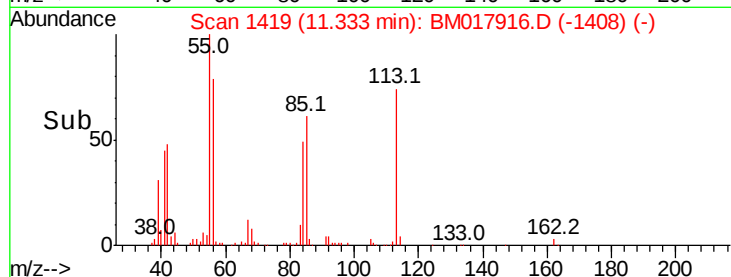
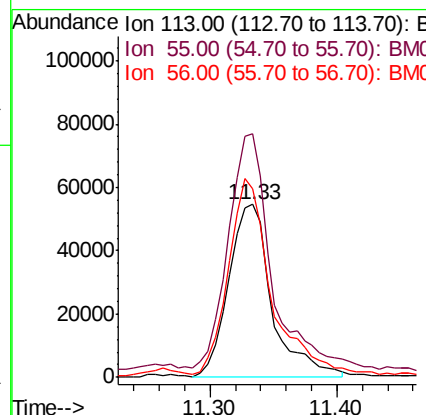
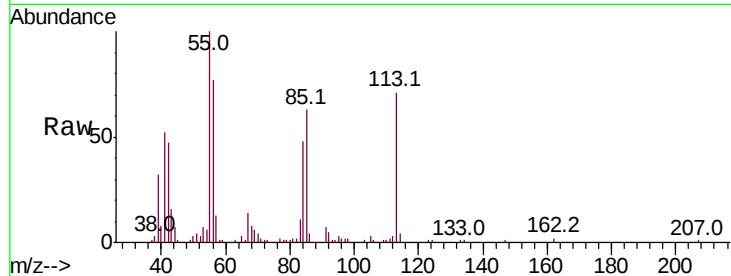
ClientSampleId :

AU-06-112918MS

Tot Ion:	113	Resp:	129732
Ion Ratio	Lower	Upper	
113	100		
55	140.7	153.1	193.1#
56	109.0	112.7	152.7#

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#36

4-Chloro-3-methylphenol

Concen: 24.286 ng

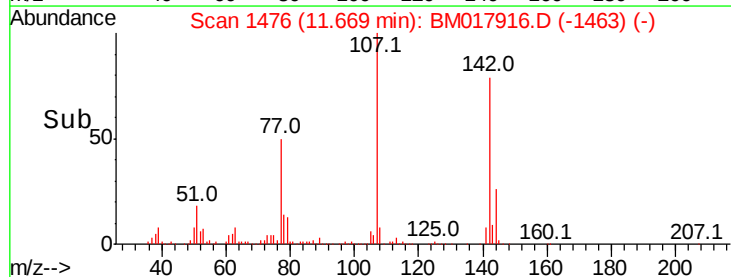
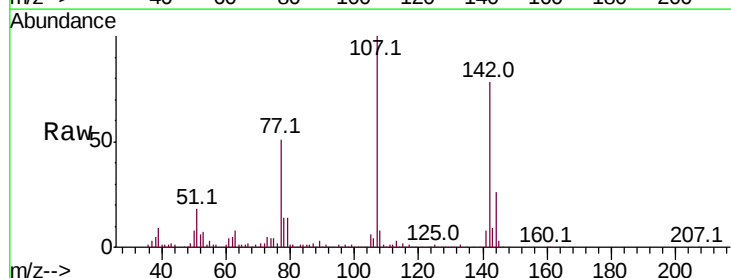
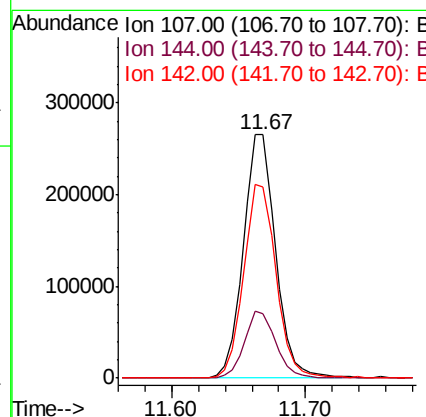
RT: 11.67 min Scan# 1476

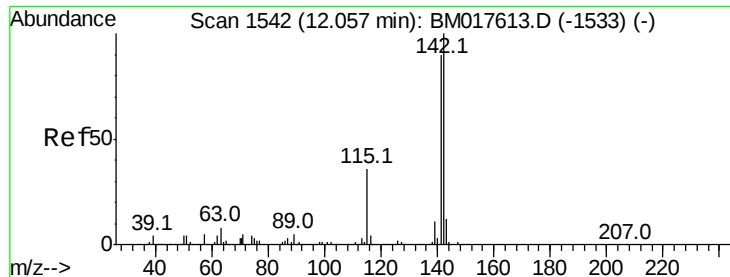
Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tgt Ion:	107	Resp:	442386
Ion Ratio	Lower	Upper	
107	100		
144	26.3	19.9	29.9
142	78.5	63.0	94.4





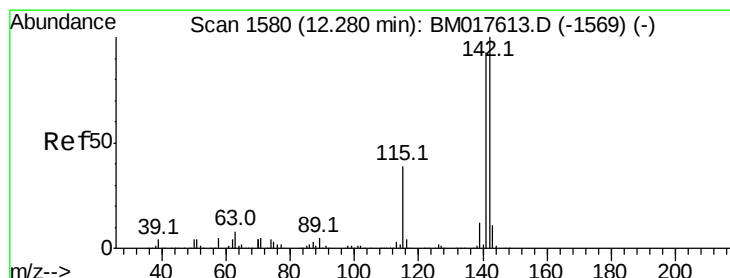
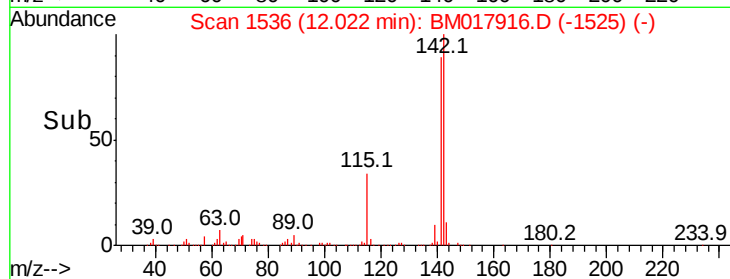
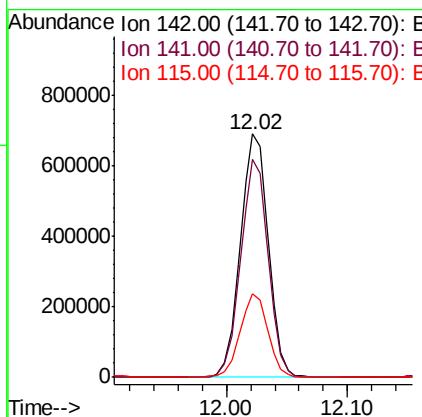
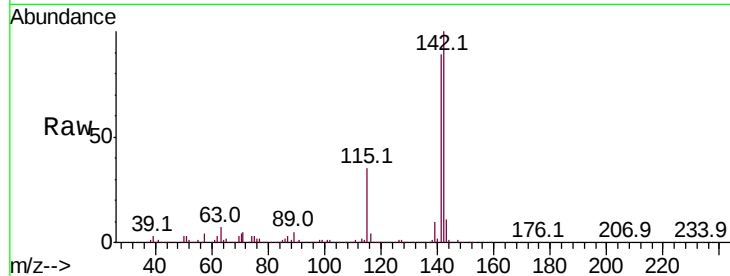
#37
 2-Methylnaphthalene
 Concen: 30.733 ng
 RT: 12.02 min Scan# 1536
 Delta R.T. -0.04 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.2	108.4
115	34.6	28.5	42.7

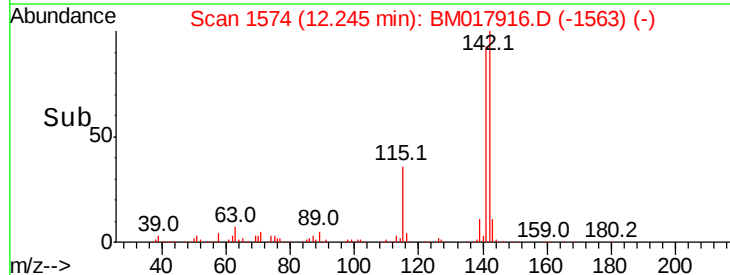
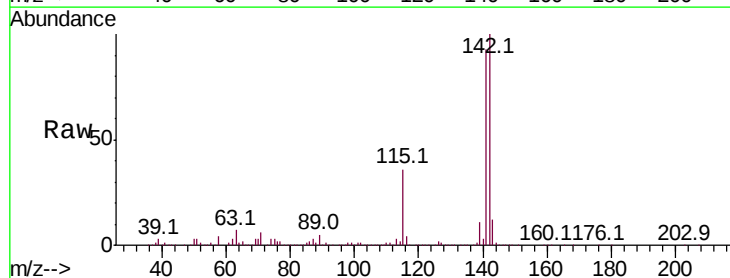
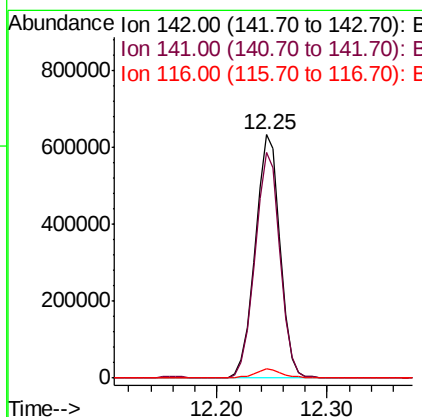
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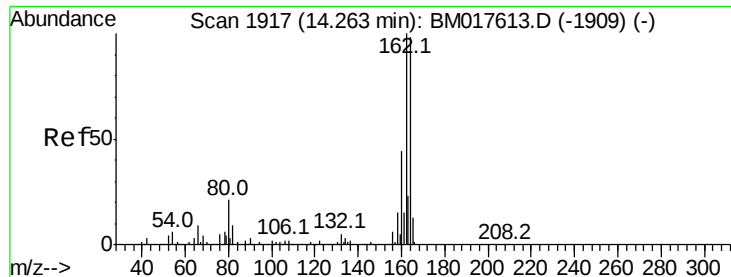
mohammad
 12/5/2018 4:50:15 PM



#38
 1-Methylnaphthalene
 Concen: 28.021 ng
 RT: 12.25 min Scan# 1574
 Delta R.T. -0.04 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	3.6	3.1	4.7





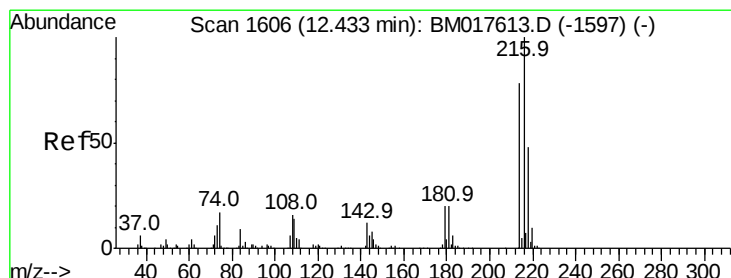
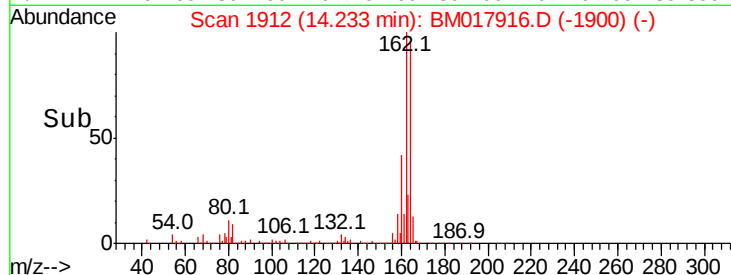
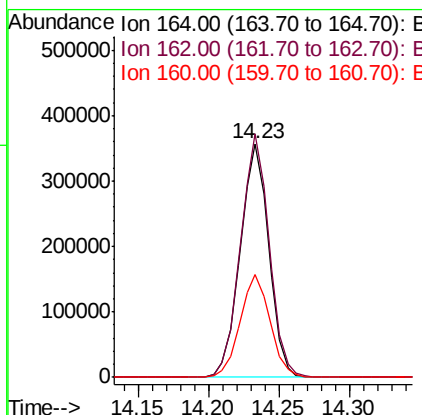
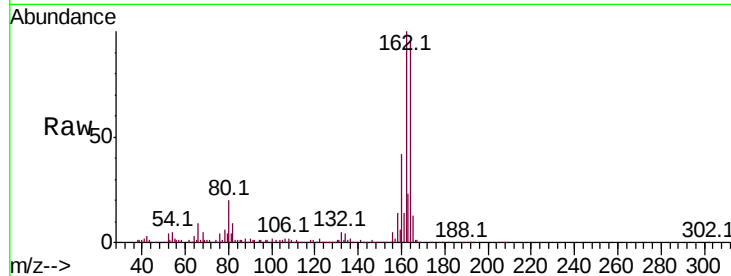
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.4	122.0
160	44.1	35.6	53.4

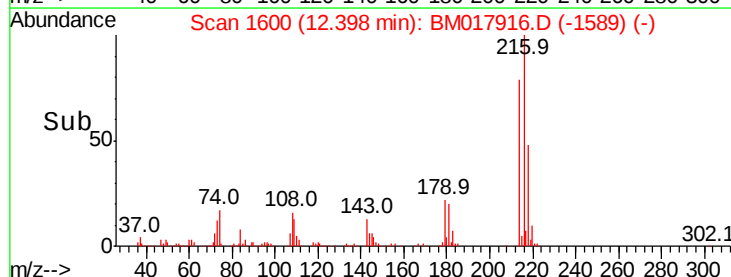
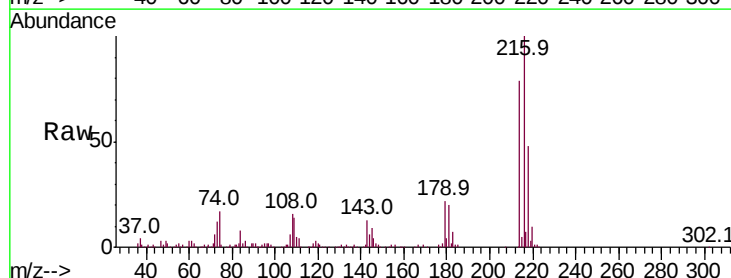
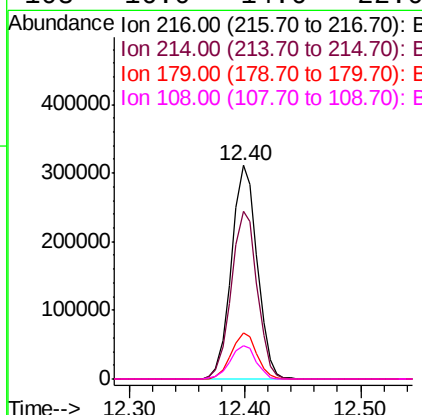
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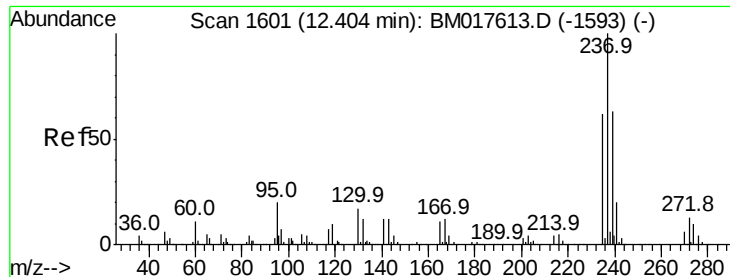
mohammad
12/5/2018 4:50:15 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 26.908 ng
RT: 12.40 min Scan# 1600
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.5	93.7
179	21.4	16.8	25.2
108	16.0	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 1.434 ng

RT: 12.37 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

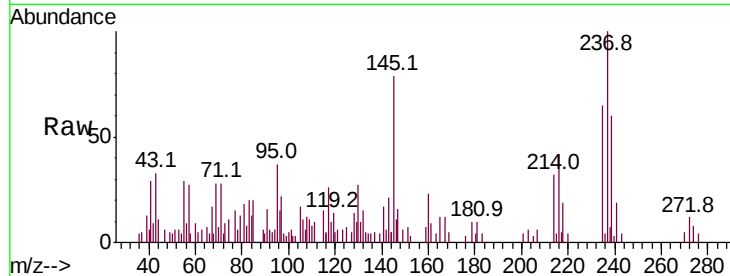
ClientSampleId :

AU-06-112918MS

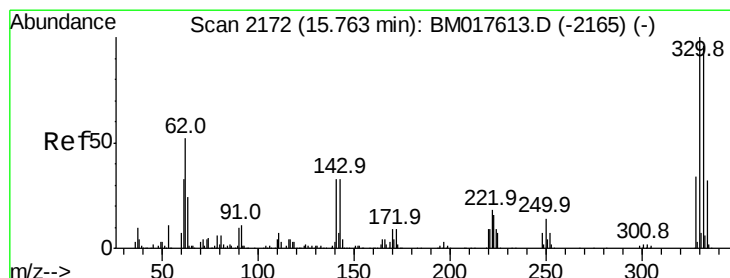
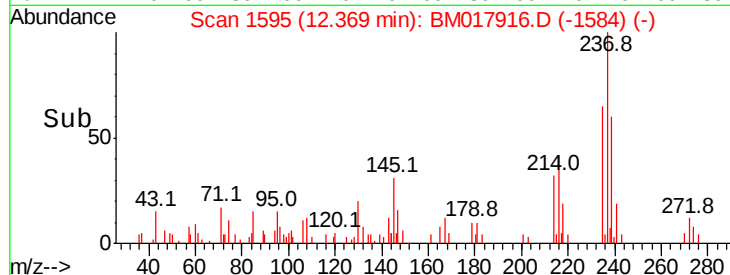
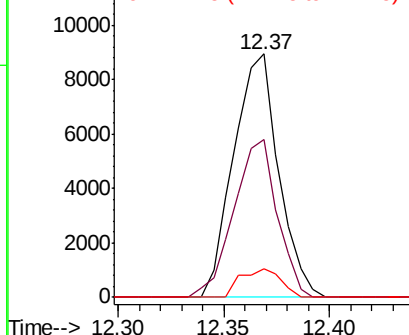
Tot Ion:	237	Resp:	13225
Ion Ratio	Lower	Upper	
237	100		
235	64.6	42.2	82.2
272	11.8	0.0	32.6

Manual Integrations
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12/5/2018 4:50:15 PM



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



#42

2,4,6-Tribromophenol

Concen: 71.266 ng

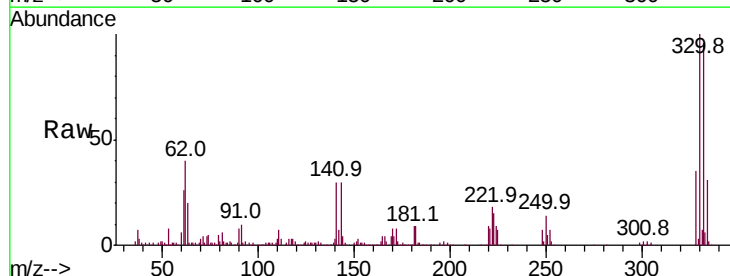
RT: 15.74 min Scan# 2168

Delta R.T. -0.02 min

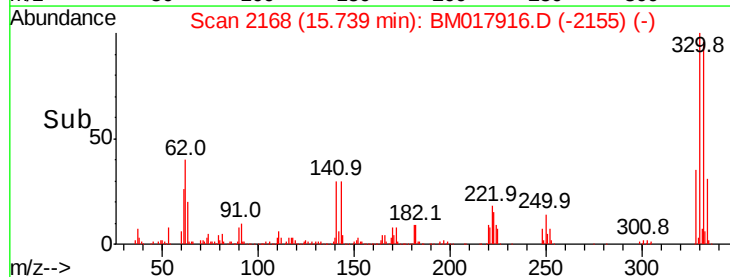
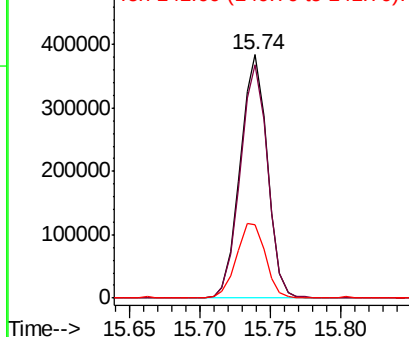
Lab File: BM017916.D

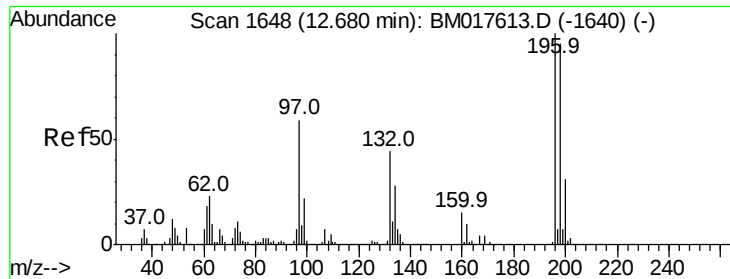
Acq: 04 Dec 2018 23:23

Tgt Ion:	330	Resp:	518168
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.9	116.9
141	32.4	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





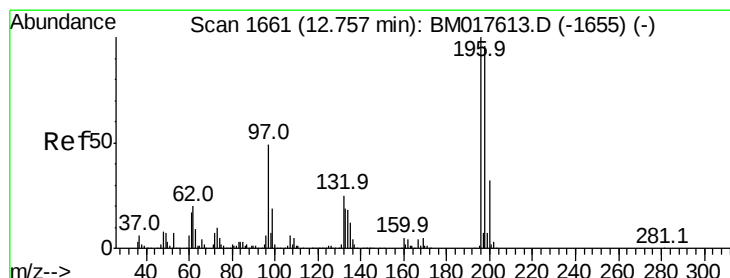
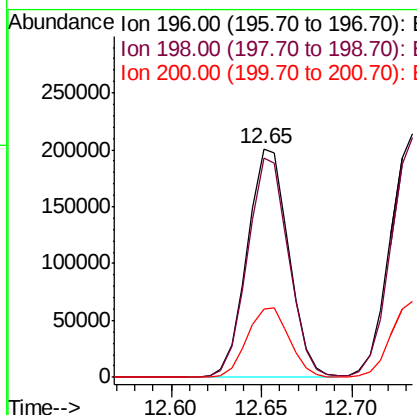
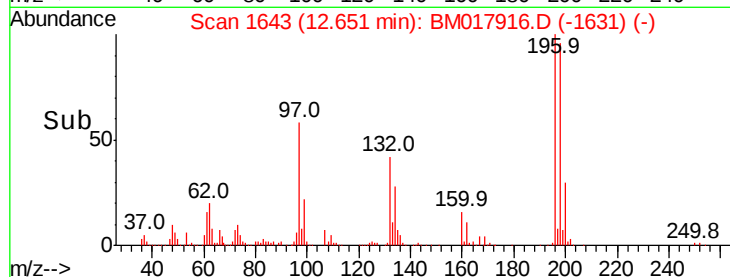
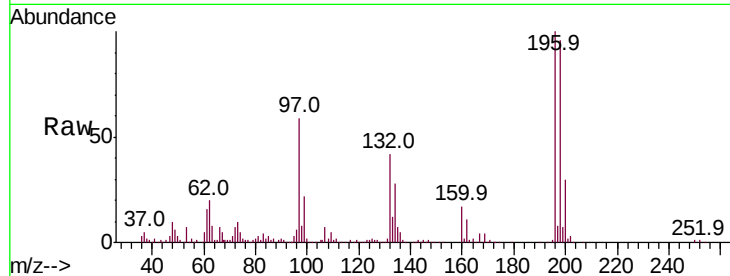
#43
 2,4,6-Trichlorophenol
 Concen: 28.667 ng
 RT: 12.65 min Scan# 1643
 Delta R.T. -0.03 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	320406		
198	95.9	75.6	113.4	
200	30.0	24.8	37.2	

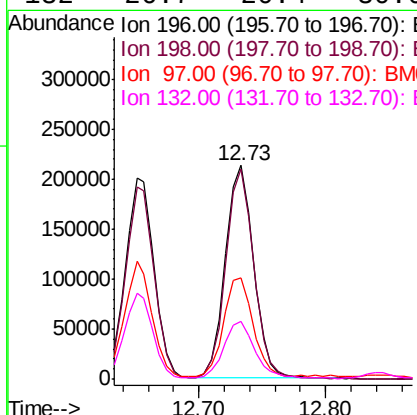
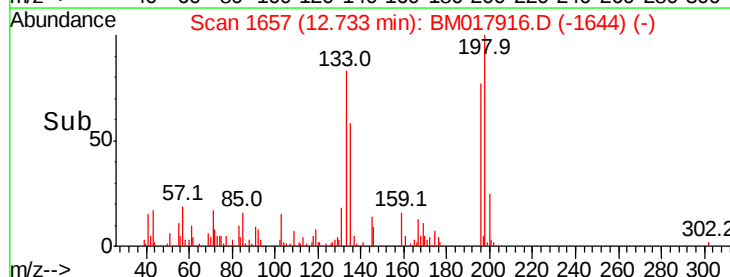
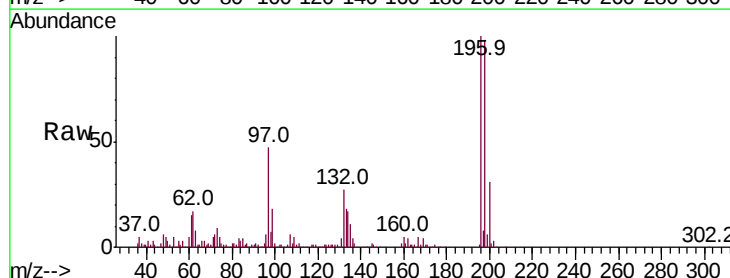
Manual Integrations
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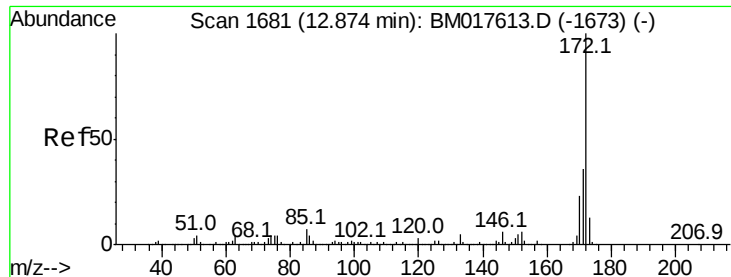
mohammad
 12/5/2018 4:50:15 PM



#44
 2,4,5-Trichlorophenol
 Concen: 27.946 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	329801		
198	98.3	76.8	115.2	
97	47.4	39.0	58.6	
132	26.7	20.4	30.6	





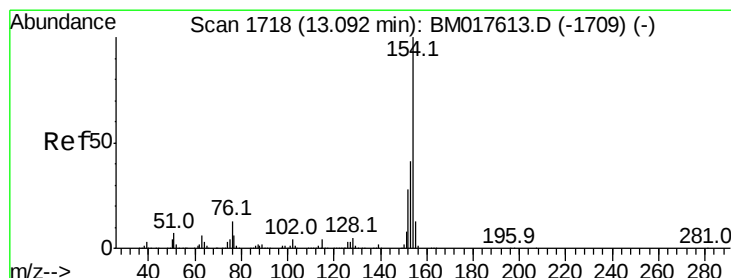
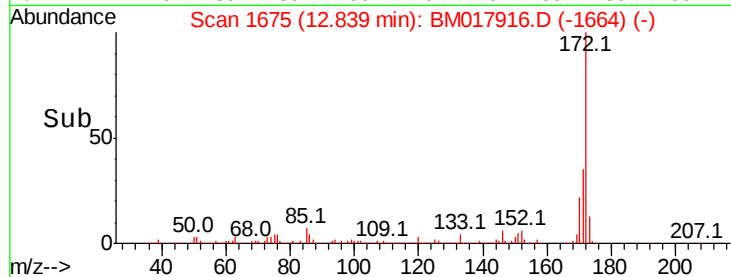
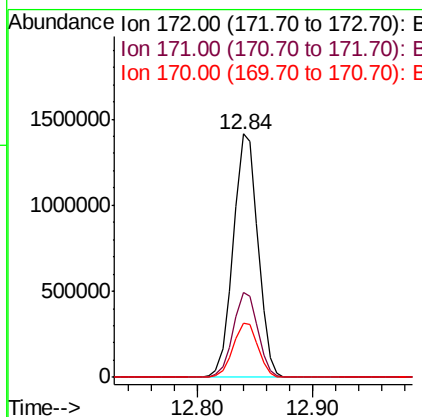
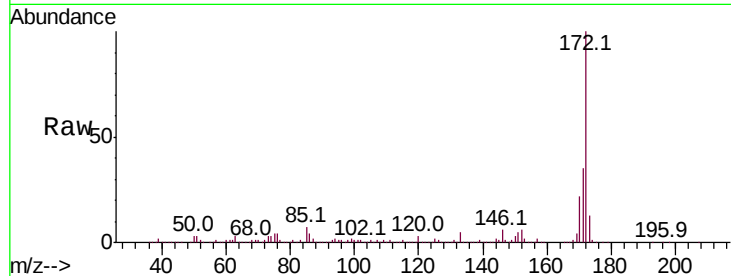
#45
2-Fluorobiphenyl
Concen: 53.709 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	22.3	18.3	27.5

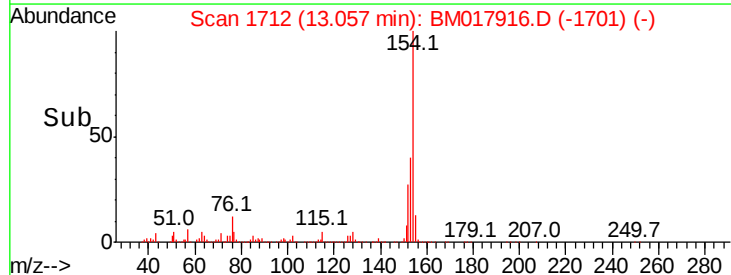
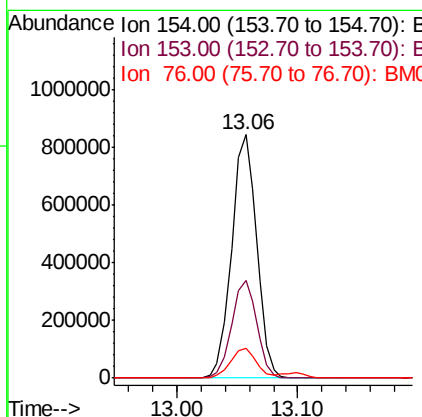
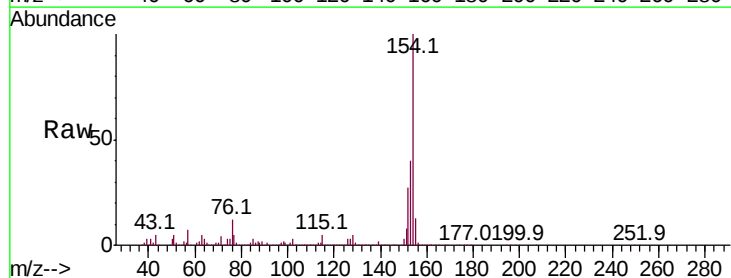
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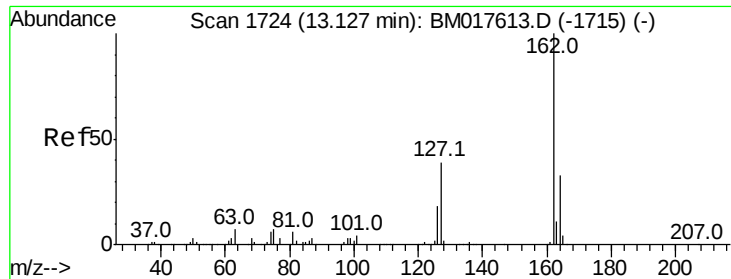
mohammad
12/5/2018 4:50:15 PM



#46
1,1'-Biphenyl
Concen: 26.853 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	12.5	0.0	32.8





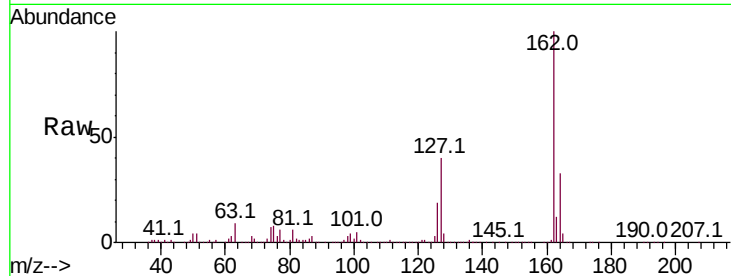
#47
2-Chloronaphthalene
Concen: 26.527 ng
RT: 13.10 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

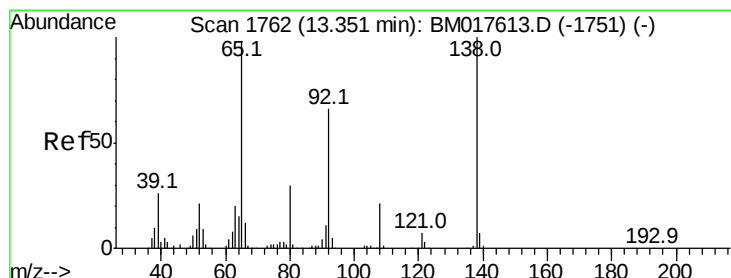
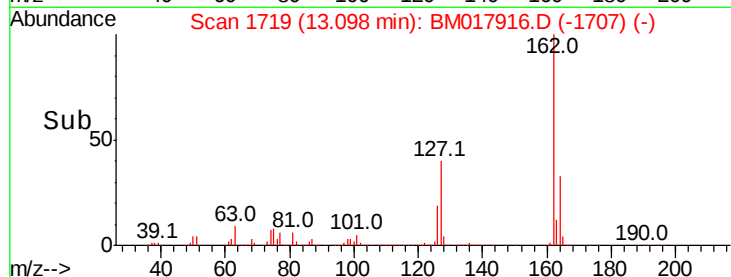
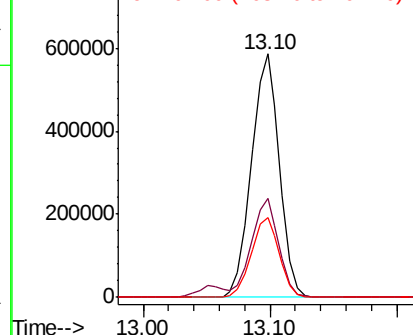
Tot Ion	Ratio	Resp	Lower	Upper
162	100	894346		
127	40.4		32.6	48.8
164	32.6		26.5	39.7

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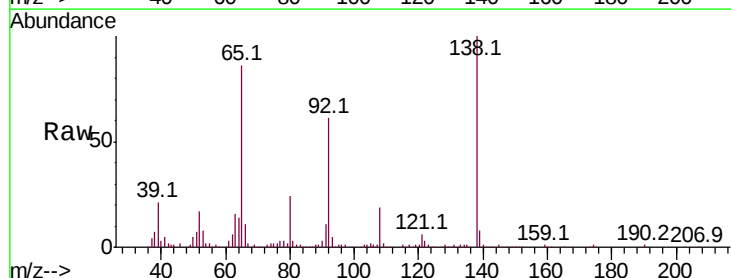


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

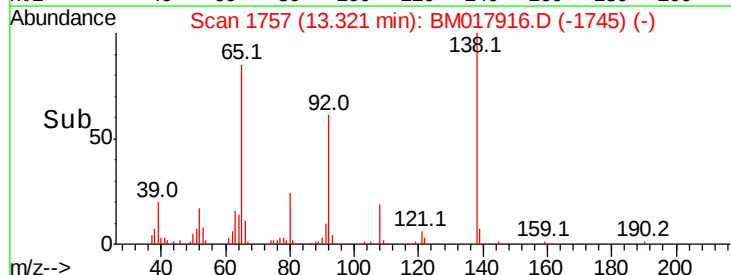
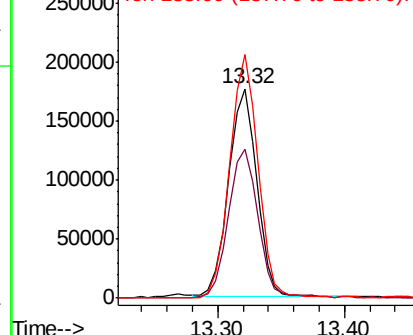


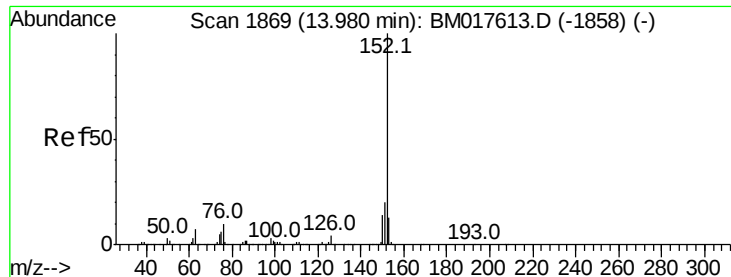
#48
2-Nitroaniline
Concen: 26.018 ng
RT: 13.32 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	271273		
92	70.9		53.7	80.5
138	116.4		81.5	122.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 28.504 ng

RT: 13.95 min Scan# 1864

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

Tot Ion:152 Resp: 1443834

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

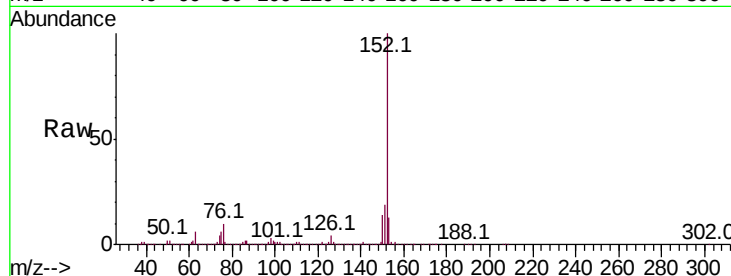
153 13.3 10.5 15.7

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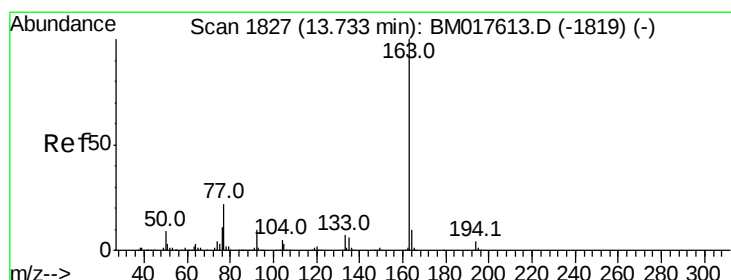
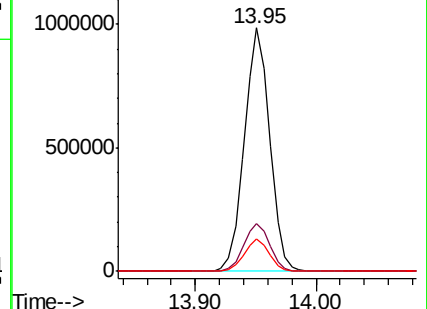
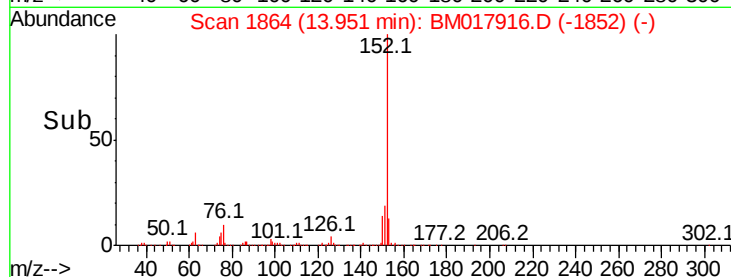
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 30.811 ng

RT: 13.70 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

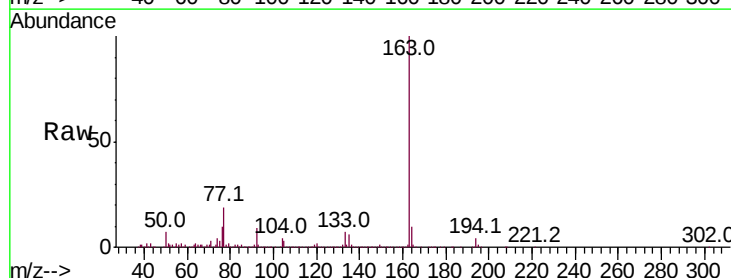
Tgt Ion:163 Resp: 1267628

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

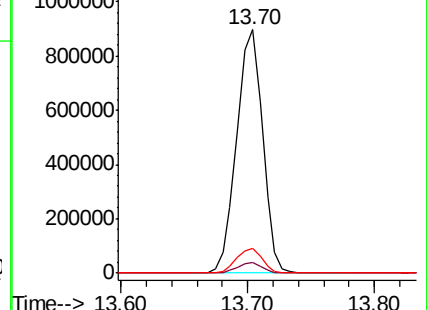
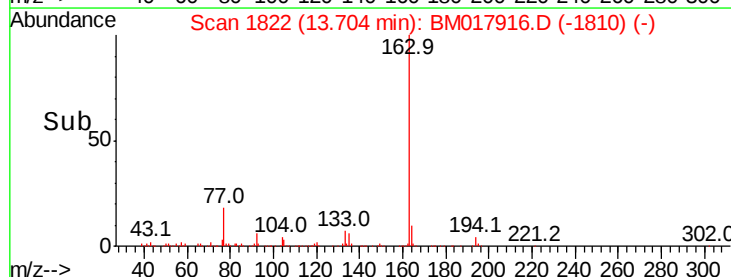
164 10.0 8.2 12.4

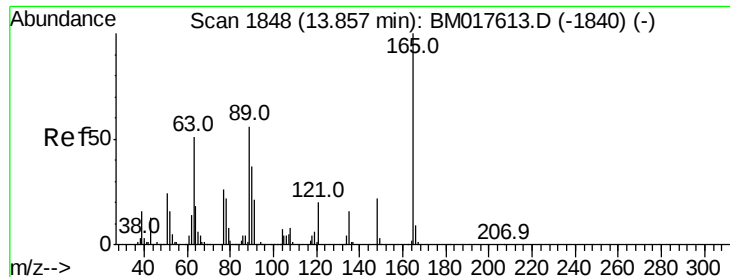


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 23.555 ng

RT: 13.83 min Scan# 1843

Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

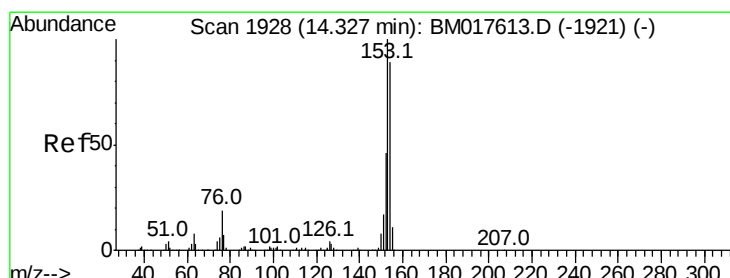
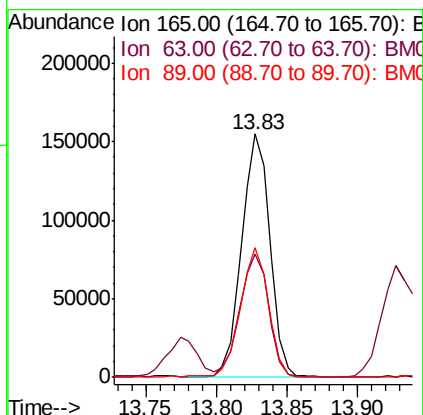
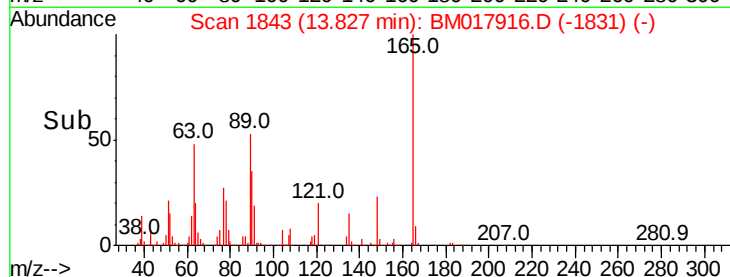
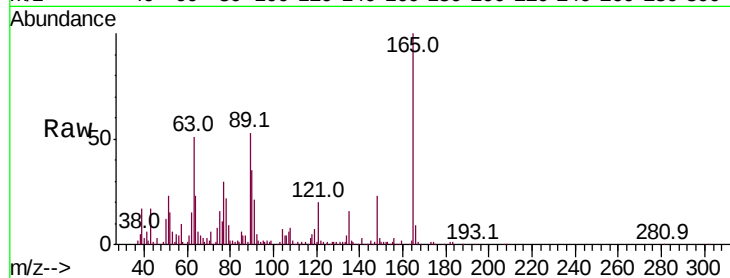
ClientSampleId :

AU-06-112918MS

Tot Ion:	165	Resp:	215791
Ion Ratio	Lower	Upper	
165	100		
63	50.8	47.3	70.9
89	53.2	44.8	67.2

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#52

Acenaphthene

Concen: 32.079 ng

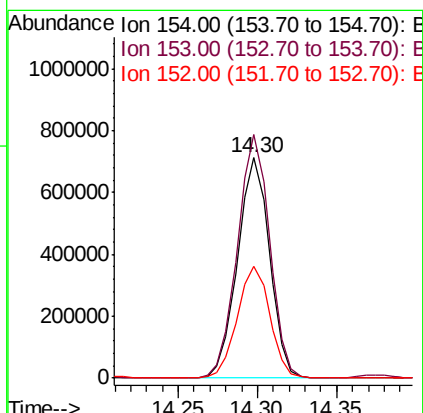
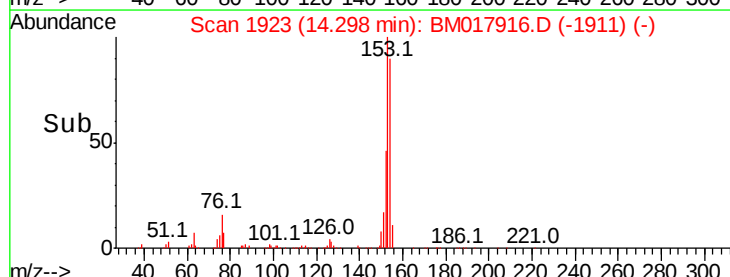
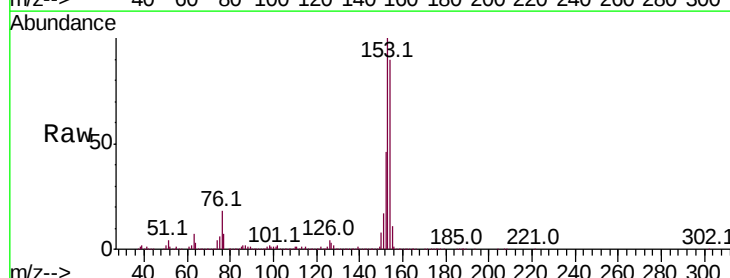
RT: 14.30 min Scan# 1923

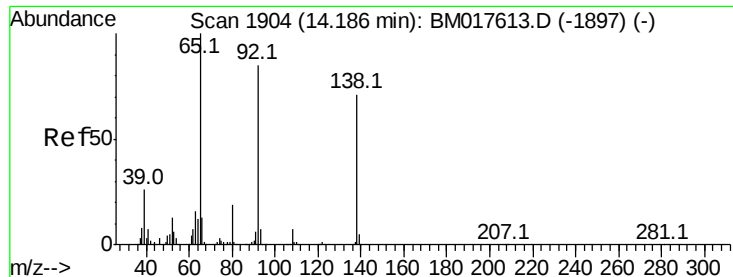
Delta R.T. -0.03 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tgt Ion:	154	Resp:	997210
Ion Ratio	Lower	Upper	
154	100		
153	110.6	90.2	135.4
152	51.0	41.6	62.4





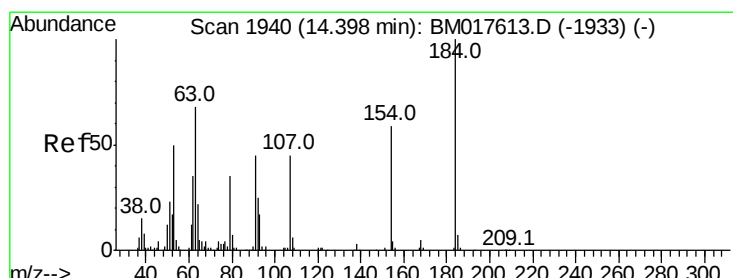
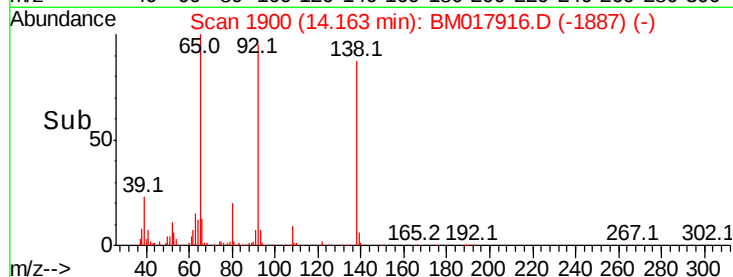
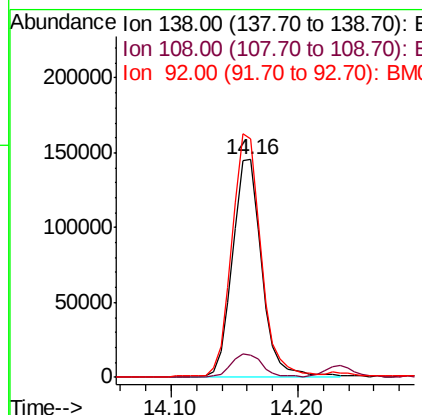
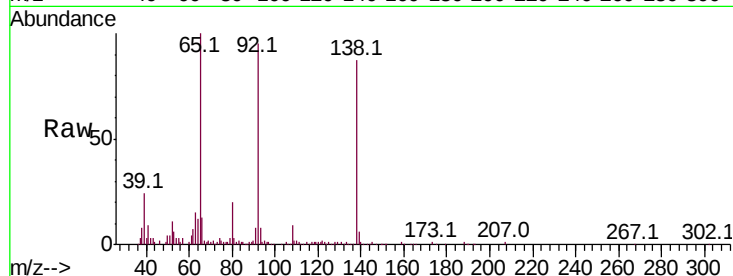
#53
3-Nitroaniline
Concen: 23.329 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.2	12.2
92	109.3	95.4	143.2

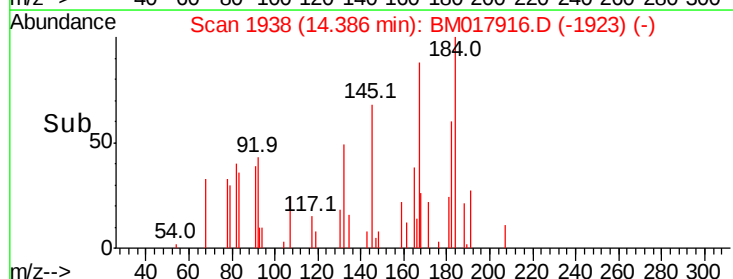
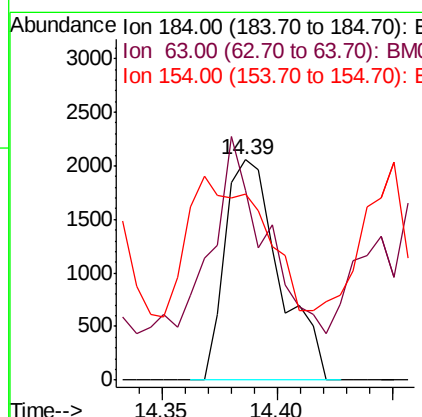
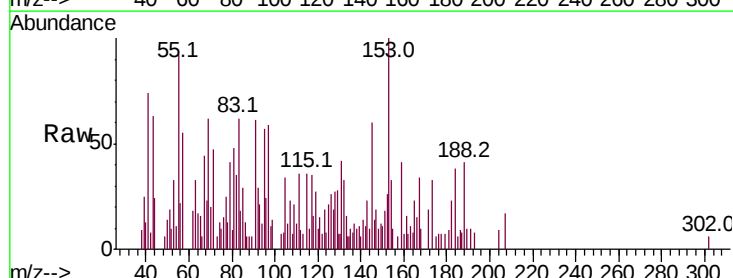
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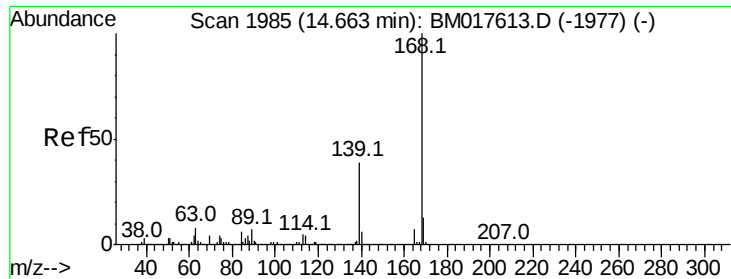
mohammad
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#54
2,4-Dinitrophenol
Concen: 7.671 ng
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	86.1	55.1	82.7#
154	84.6	51.3	76.9#





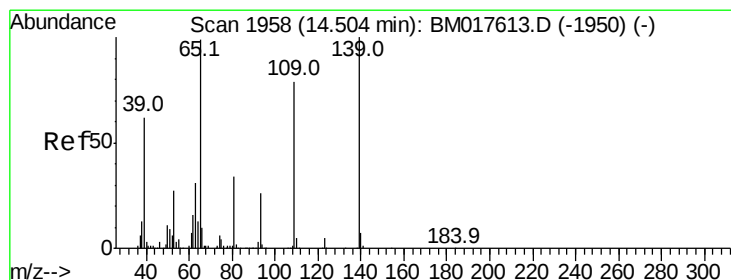
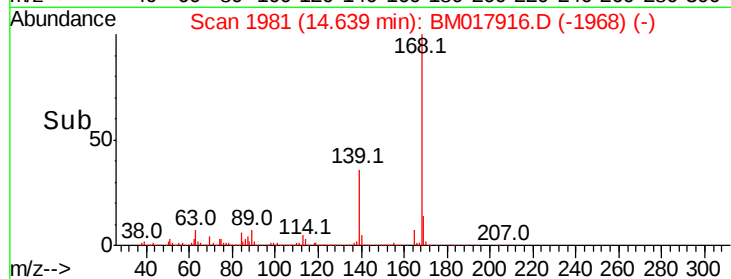
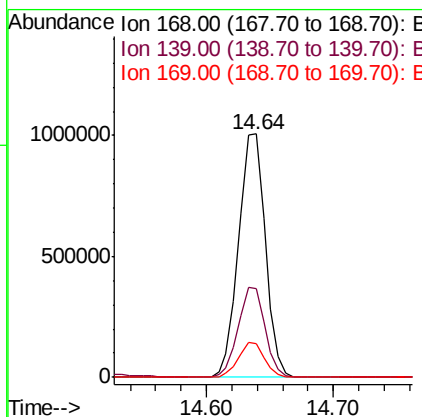
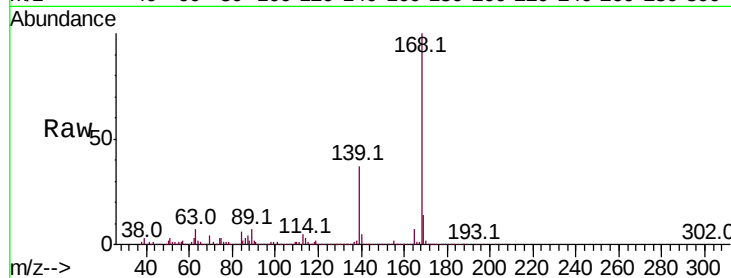
#55
Dibenzofuran
Concen: 28.990 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	31.0	46.6
169	13.6	10.6	16.0

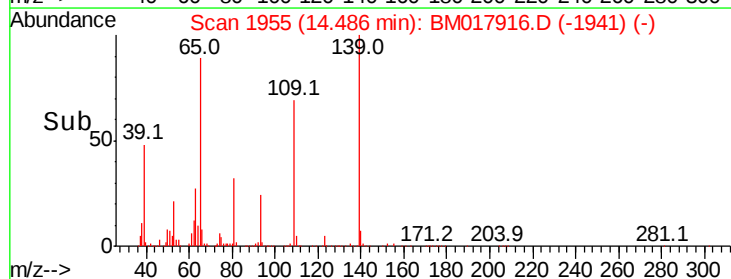
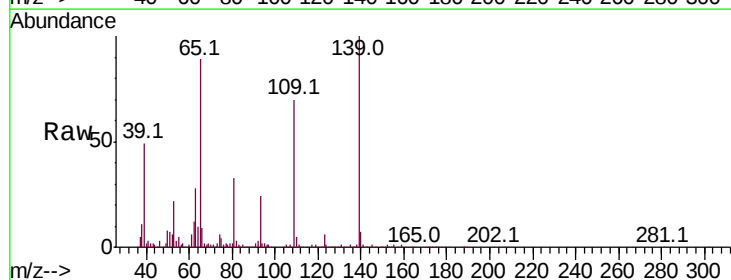
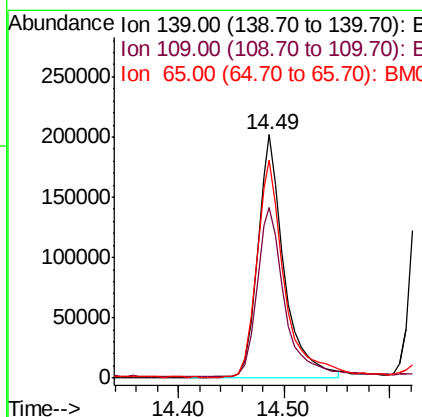
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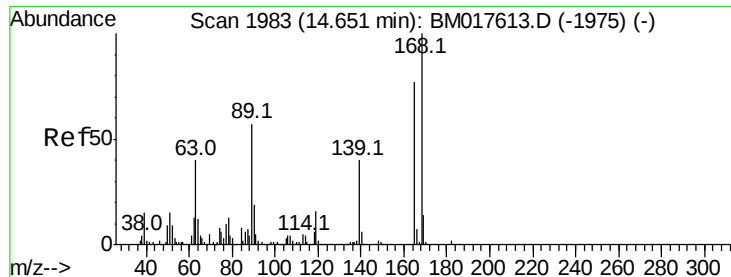
mohammad
12/5/2018 4:50:15 PM



#56
4-Nitrophenol
Concen: 44.300 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.3	58.6	98.6
65	89.5	79.5	119.5





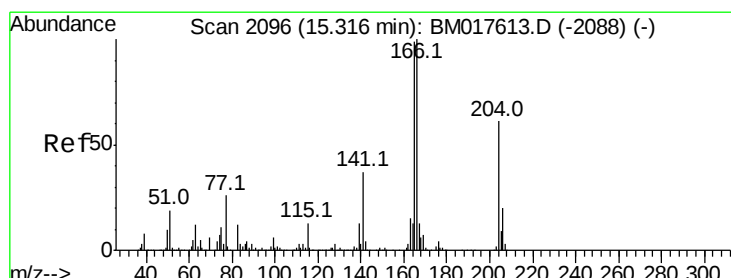
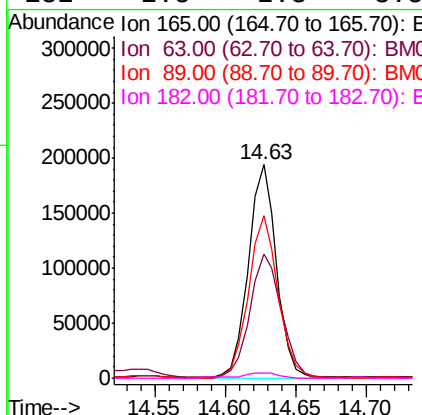
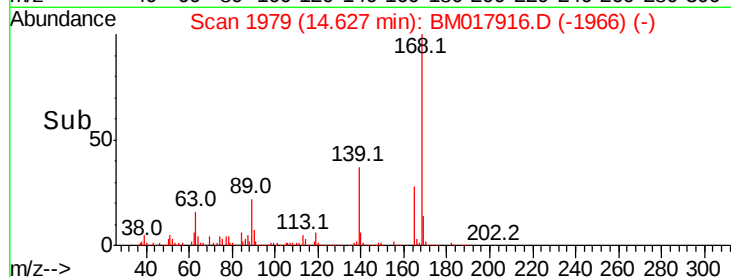
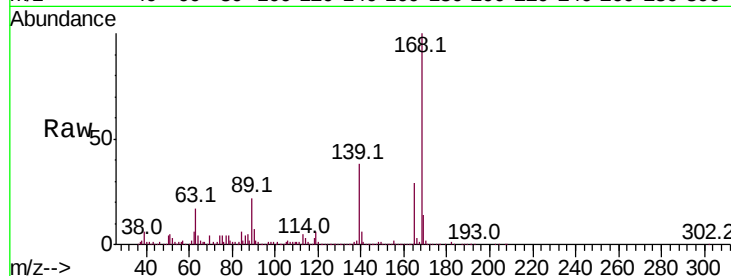
#57
 2,4-Dinitrotoluene
 Concen: 21.856 ng
 RT: 14.63 min Scan# 1979
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	269911		
63	58.0		41.8	62.8
89	76.3		59.5	89.3
182	2.5		2.3	3.5

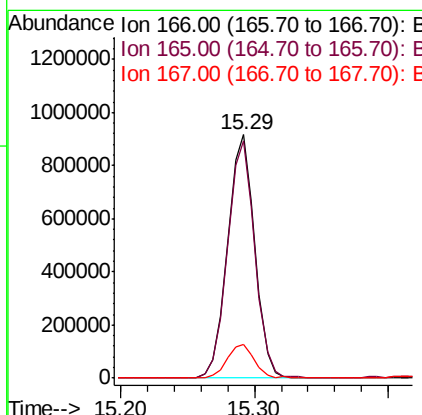
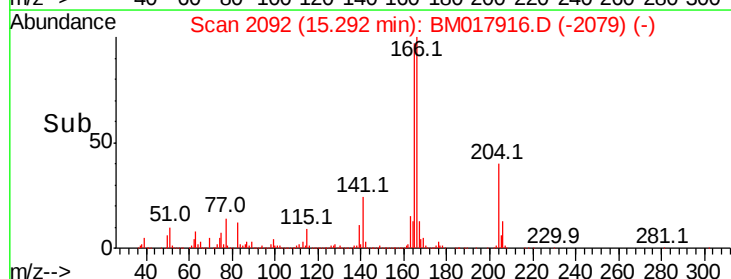
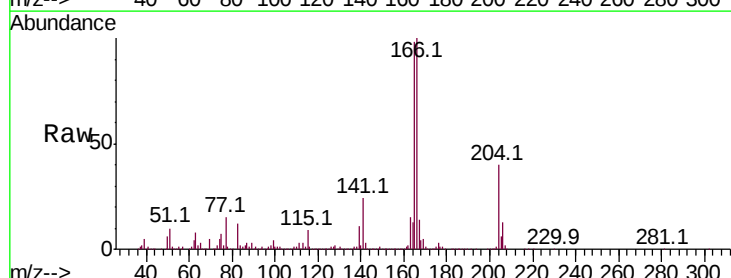
Manual Integrations
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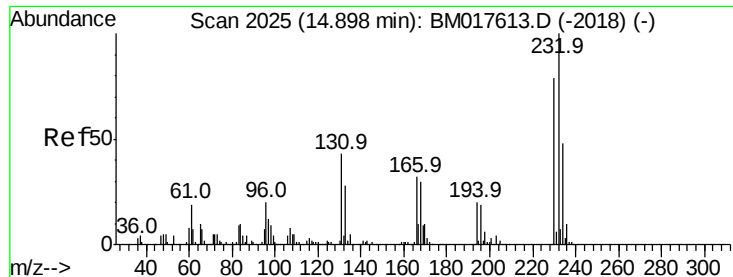
mohammad
 12/5/2018 4:50:15 PM



#58
 Fluorene
 Concen: 33.413 ng
 RT: 15.29 min Scan# 2092
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1299467		
165	97.6		79.0	118.6
167	13.7		10.8	16.2





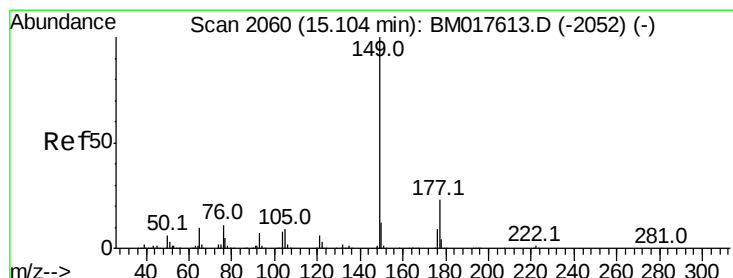
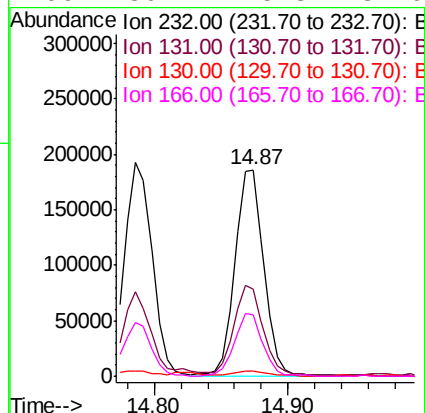
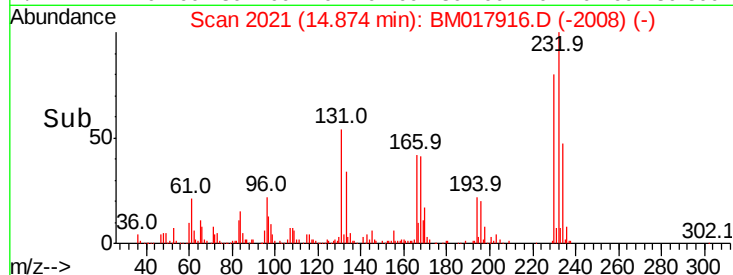
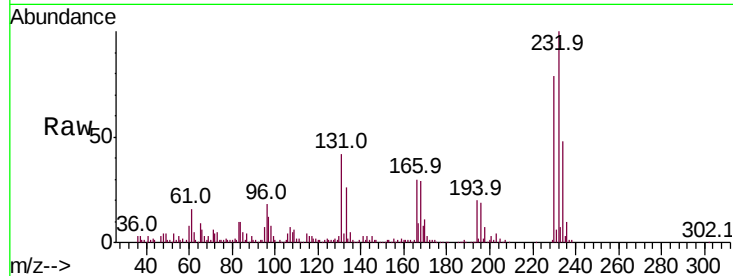
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 25.616 ng
 RT: 14.87 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	43.7	34.8	52.2
130	2.7	1.9	2.9
166	30.2	25.3	37.9

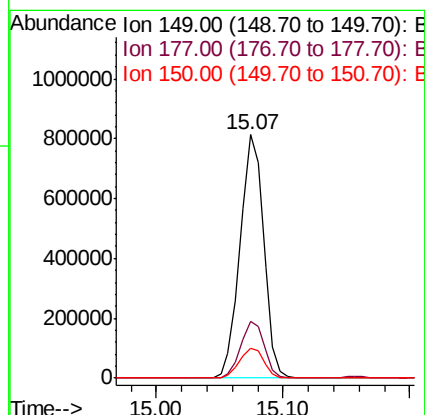
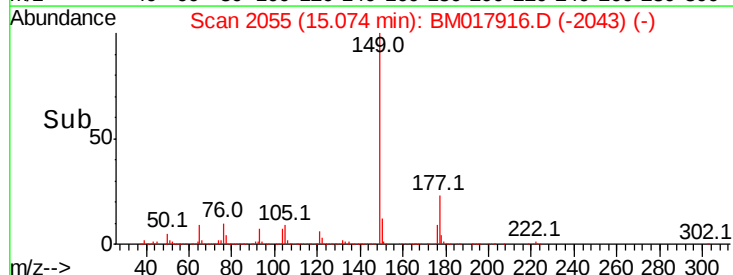
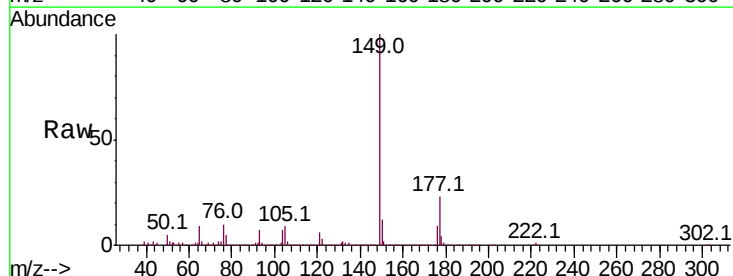
Manual Integrations
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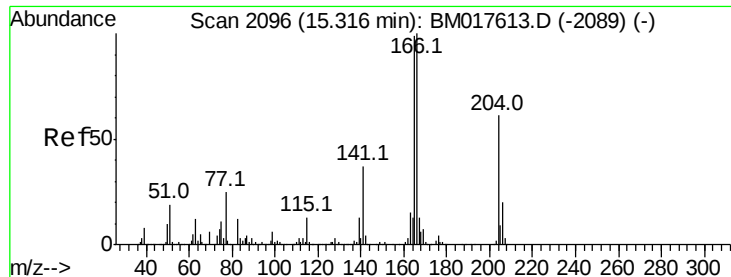
mohammad
 12/5/2018 4:50:15 PM



#60
 Diethylphthalate
 Concen: 23.415 ng
 RT: 15.07 min Scan# 2055
 Delta R.T. -0.03 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.2	18.1	27.1
150	12.2	9.9	14.9





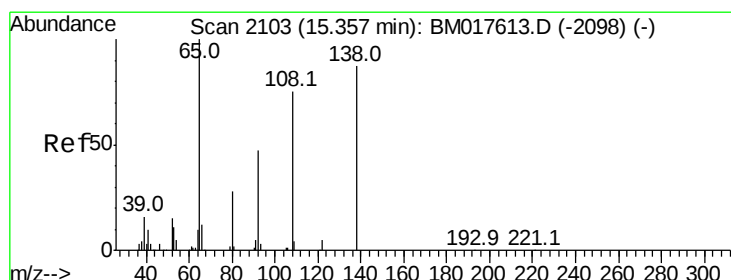
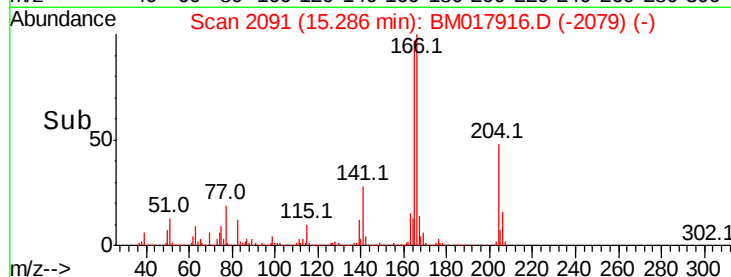
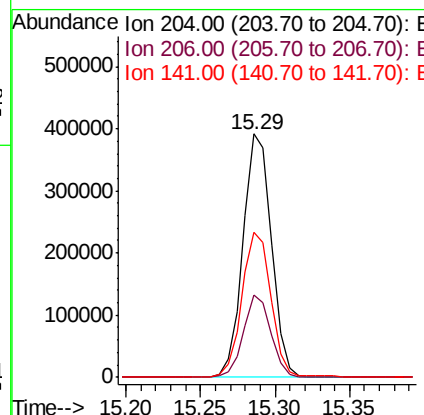
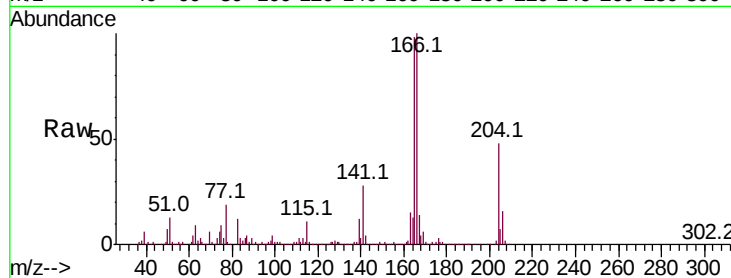
#61
4-Chlorophenyl-phenylether
Concen: 23.402 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.6	25.9	38.9	
141	59.3	47.9	71.9	

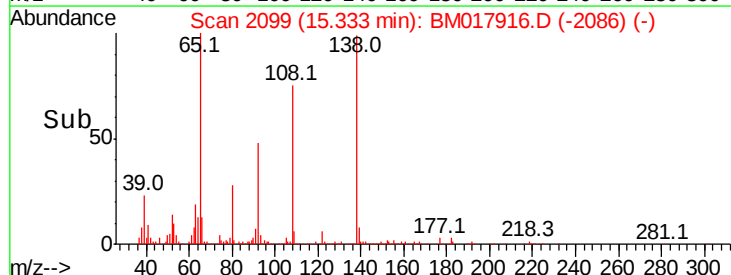
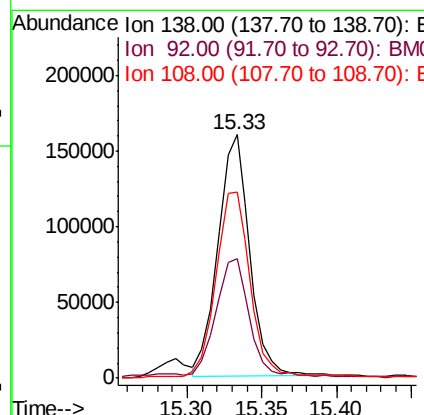
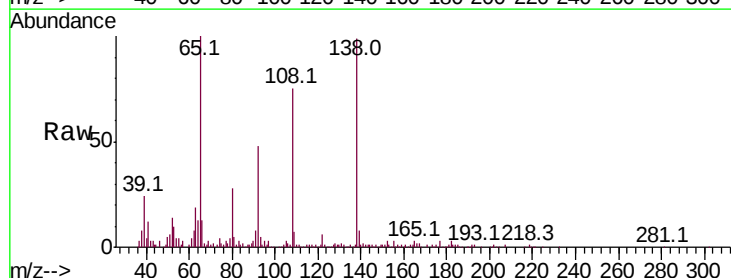
Manual Integrations
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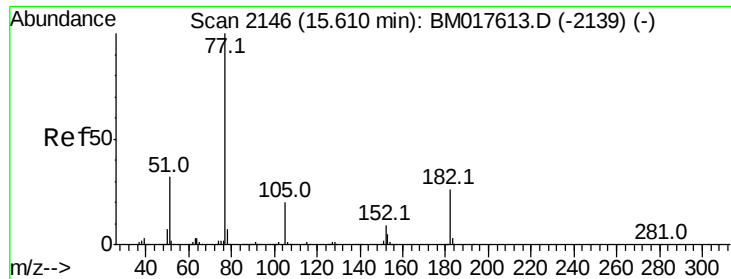
mohammad
12/5/2018 4:50:15 PM



#62
4-Nitroaniline
Concen: 25.412 ng
RT: 15.33 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.0	33.4	73.4	
108	76.2	64.3	104.3	





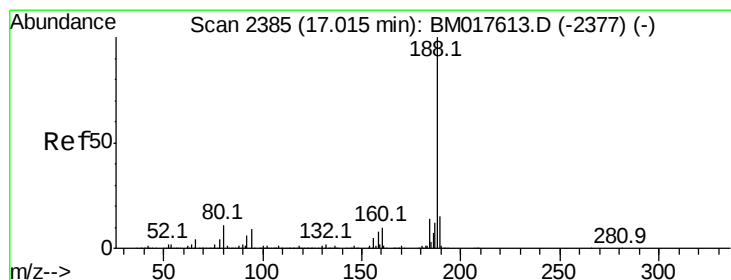
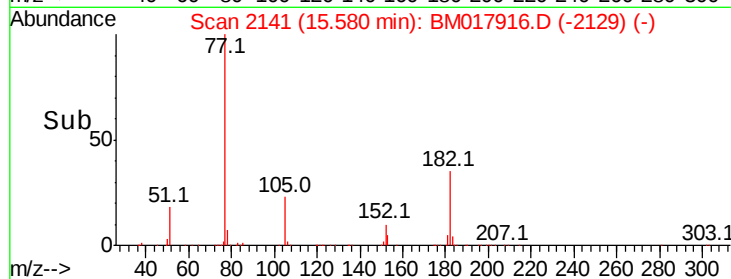
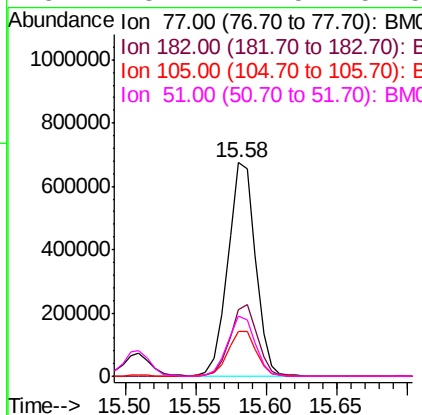
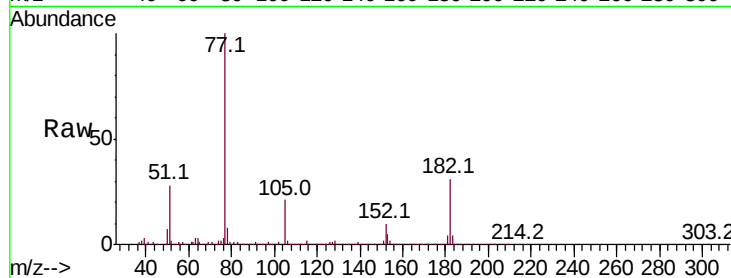
#63
Azobenzene
Concen: 22.181 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.0	5.8	45.8
105	21.0	0.0	40.0
51	28.1	12.5	52.5

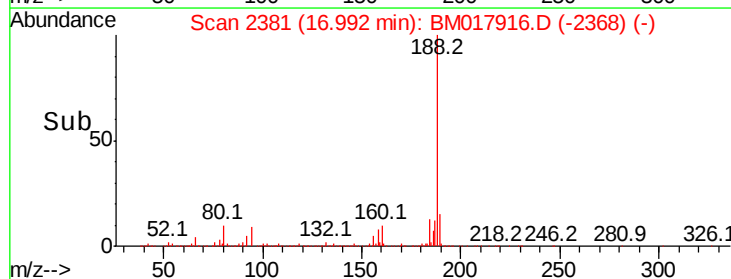
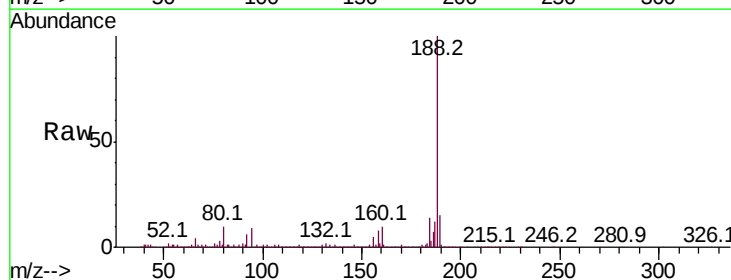
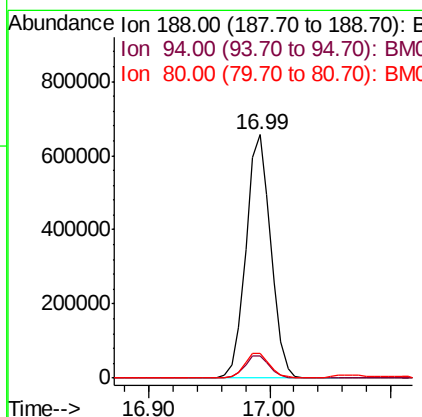
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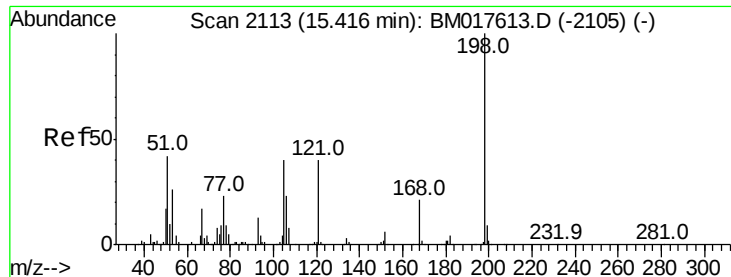
mohammad
12/5/2018 4:50:15 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	10.0	8.6	13.0





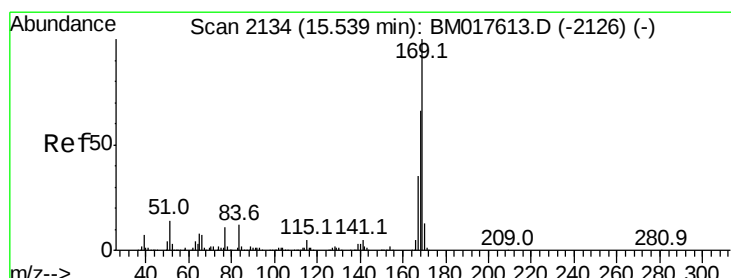
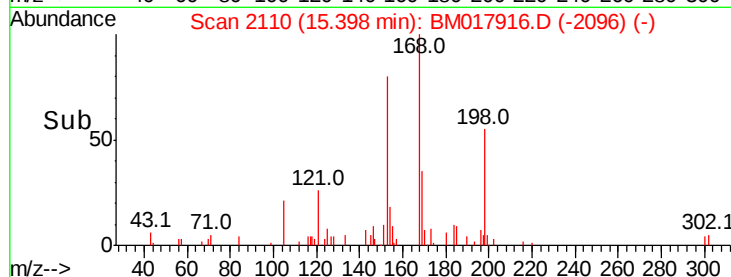
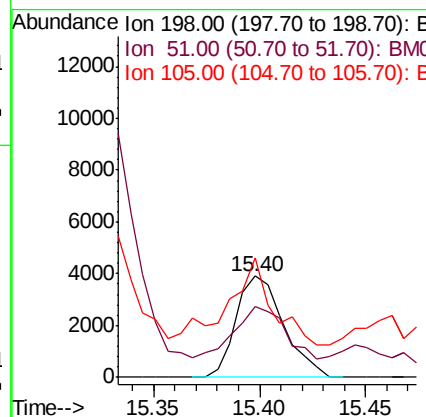
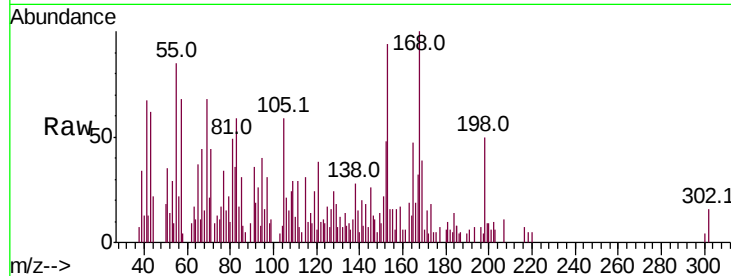
#65
4,6-Dinitro-2-methylphenol
Concen: 0.937 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	6098		
51	69.2	25.9	65.9#	
105	117.4	20.6	60.6#	

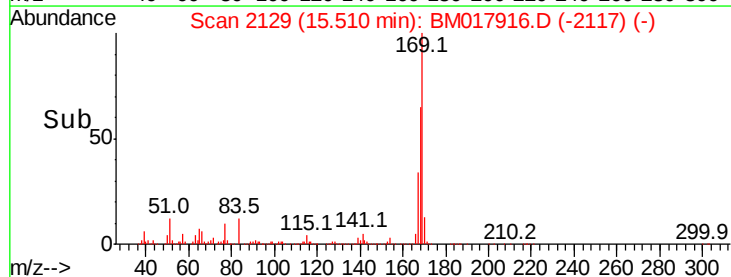
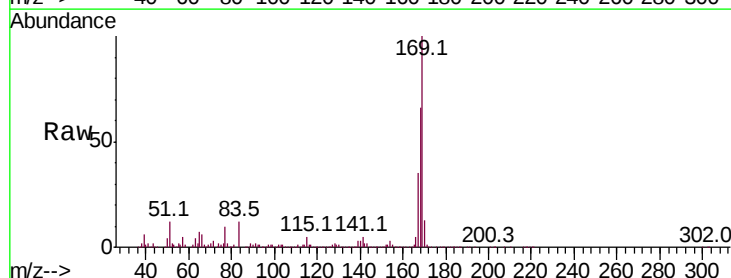
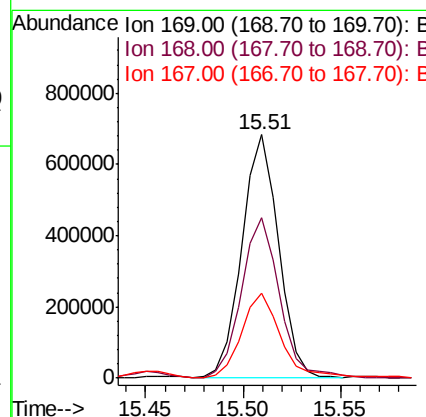
Manual Integrations
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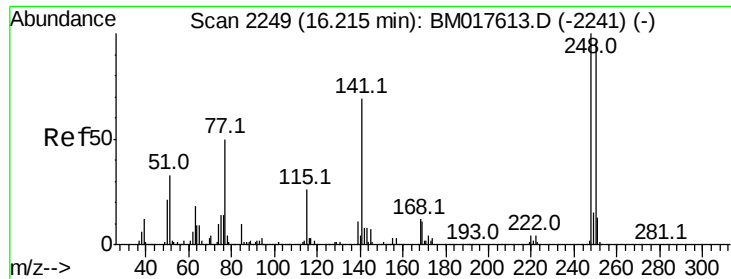
mohammad
12/5/2018 4:50:15 PM



#66
n-Nitrosodiphenylamine
Concen: 29.174 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	881098		
168	66.0	53.0	79.6	
167	34.7	28.0	42.0	





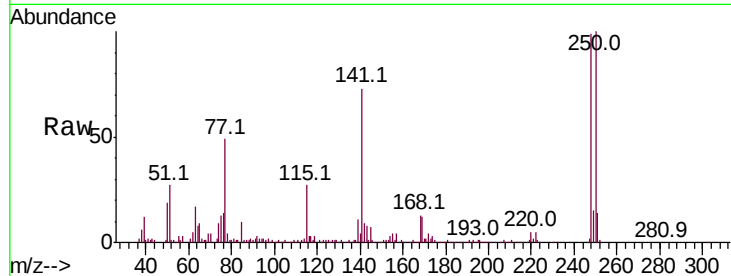
#67
4-Bromophenyl-phenylether
Concen: 26.904 ng
RT: 16.19 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.0	76.5	114.7
141	73.5	54.9	82.3

Manual Integrations
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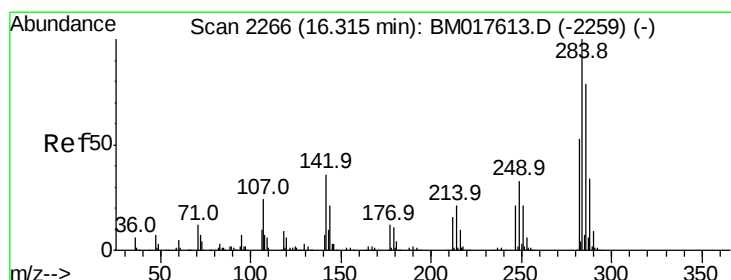
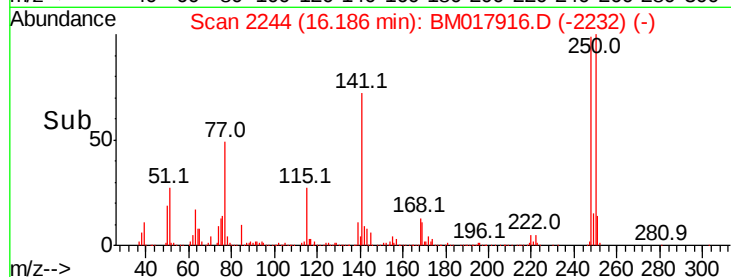
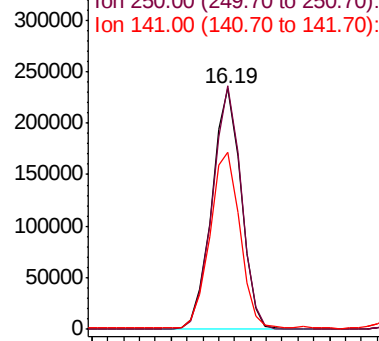


Abundance

Ion 248.00 (247.70 to 248.70): E

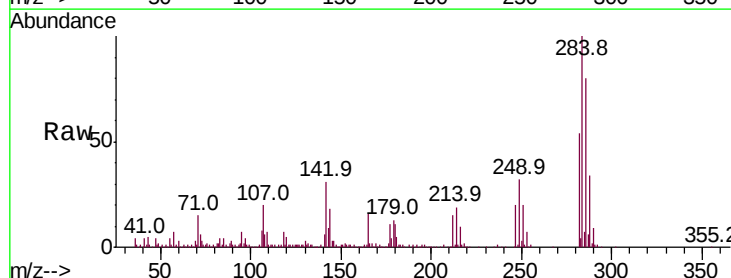
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 25.398 ng
RT: 16.30 min Scan# 2263
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	28.4	42.6
249	31.5	26.4	39.6

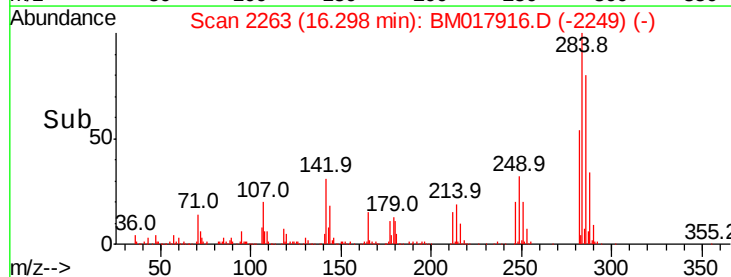
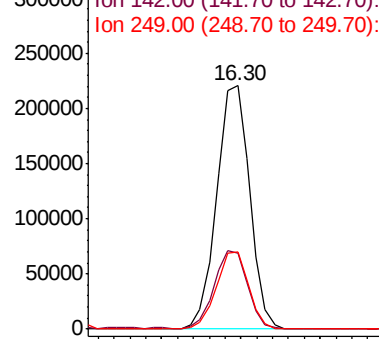


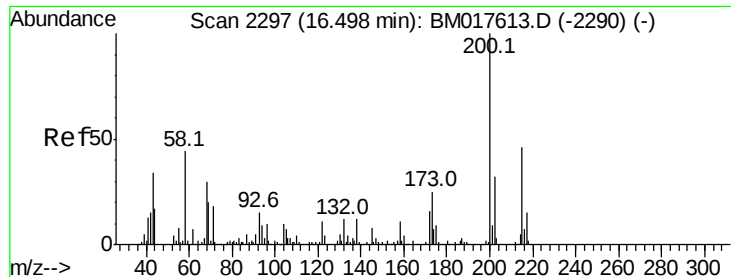
Abundance

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





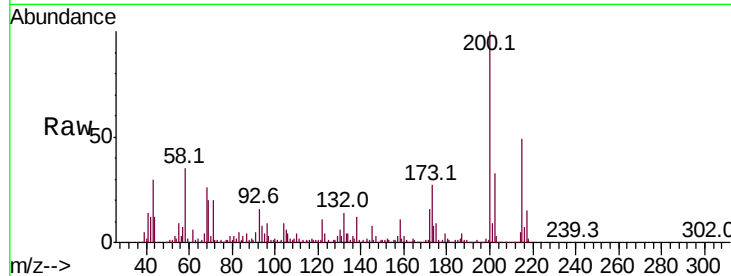
#69
Atrazine
Concen: 27.195 ng
RT: 16.47 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	5.1	45.1
215	48.8	25.8	65.8

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12/5/2018 4:50:15 PM

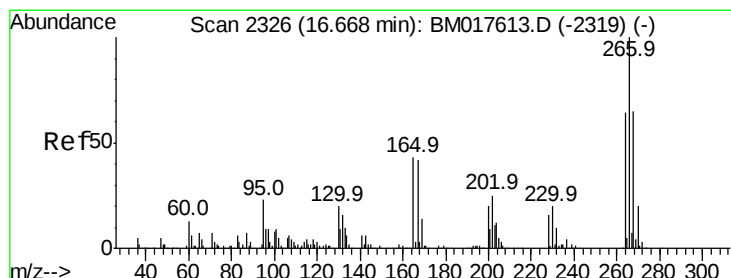
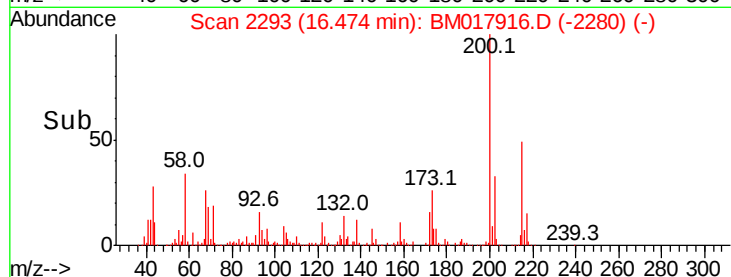
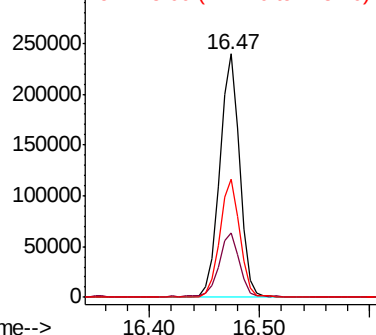


Abundance

Ion 200.00 (199.70 to 200.70): E

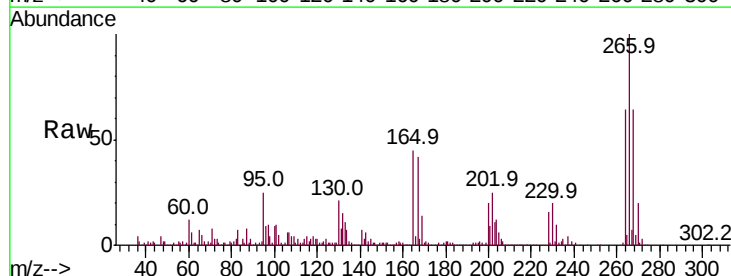
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 40.741 ng
RT: 16.64 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	51.7	77.5
264	64.2	51.3	76.9

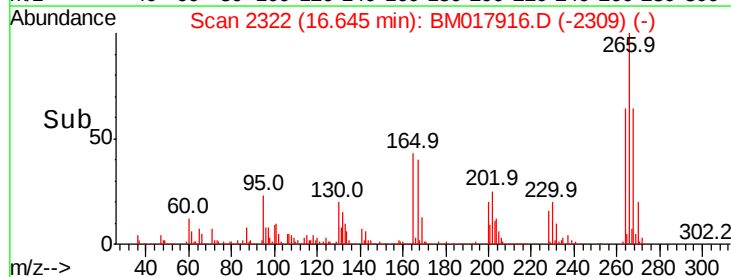
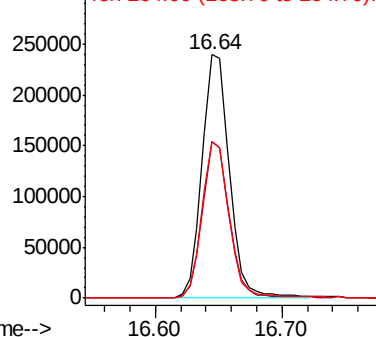


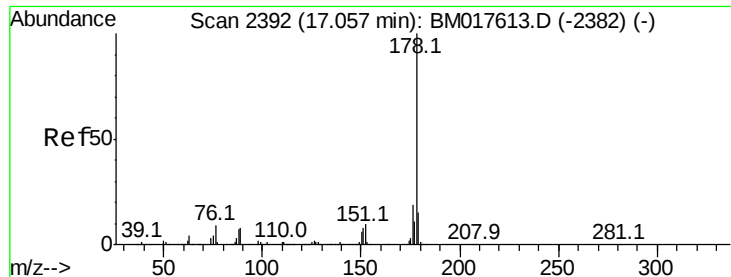
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





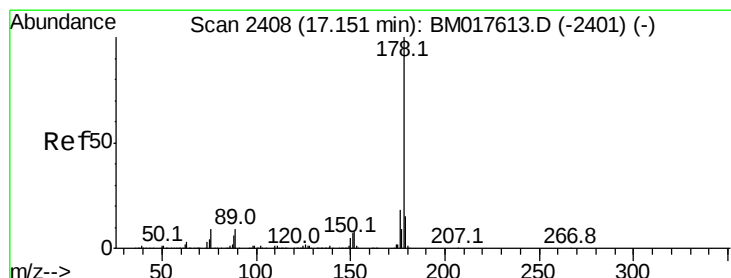
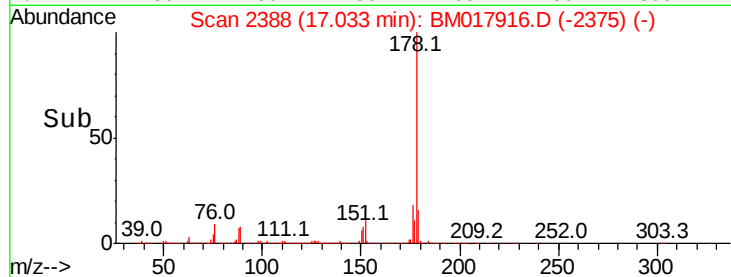
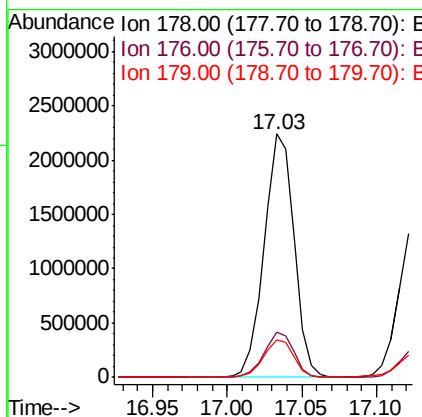
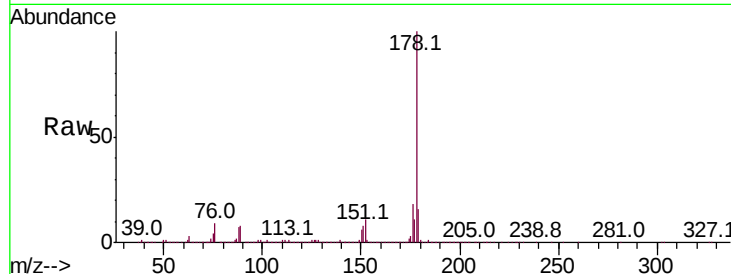
#71
Phenanthrene
Concen: 60.772 ng
RT: 17.03 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion:178 Resp: 3097662
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.6 12.4 18.6

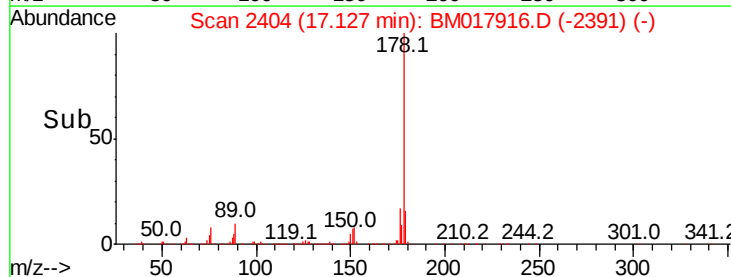
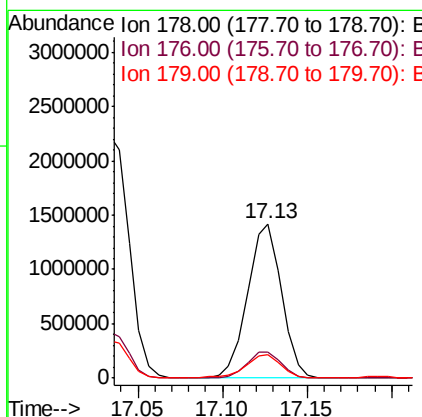
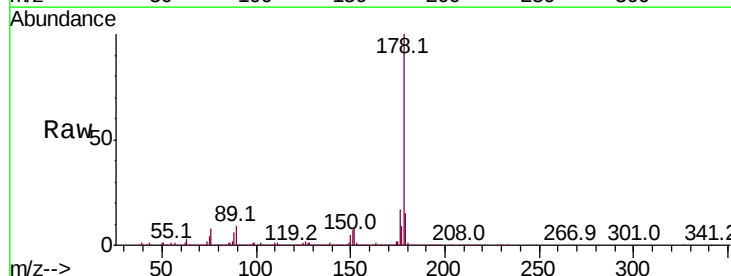
Manual Integrations
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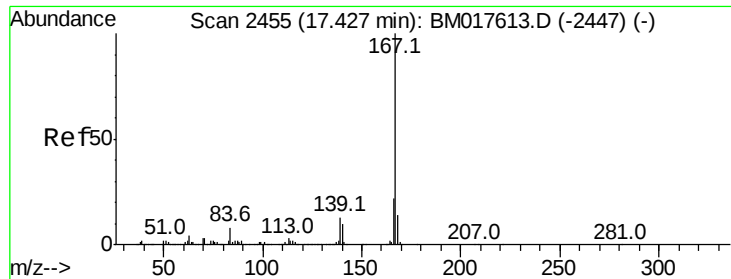
mohammad
12/5/2018 4:50:15 PM



#72
Anthracene
Concen: 39.725 ng
RT: 17.13 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion:178 Resp: 1970344
Ion Ratio Lower Upper
178 100
176 17.0 14.5 21.7
179 15.2 12.3 18.5





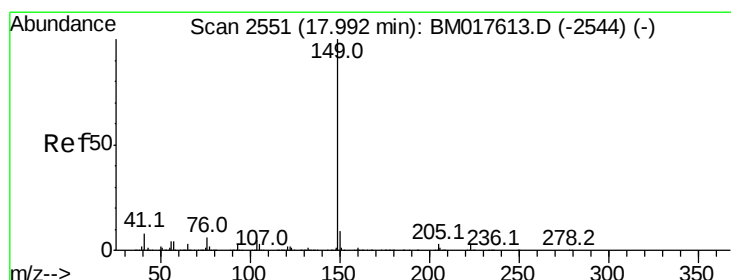
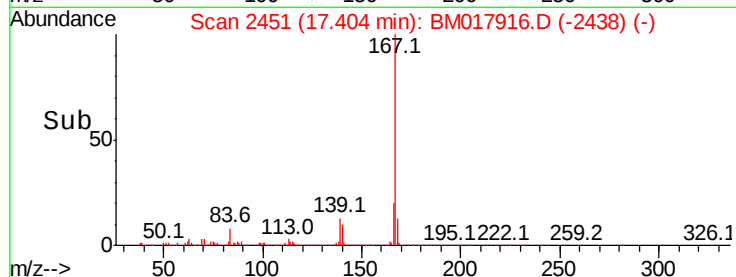
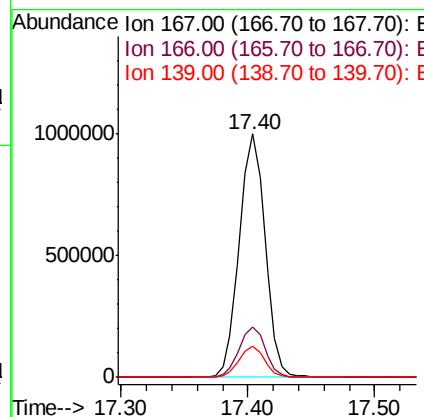
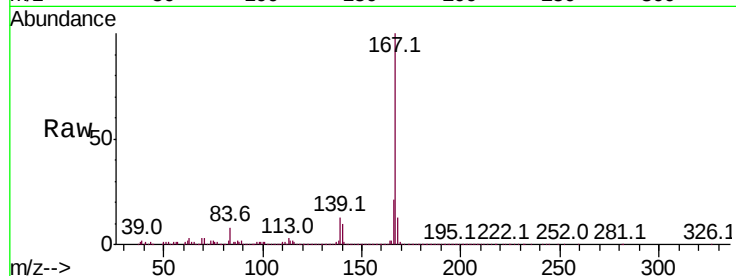
#73
 Carbazole
 Concen: 28.104 ng
 RT: 17.40 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.2	25.8
139	12.7	10.2	15.4

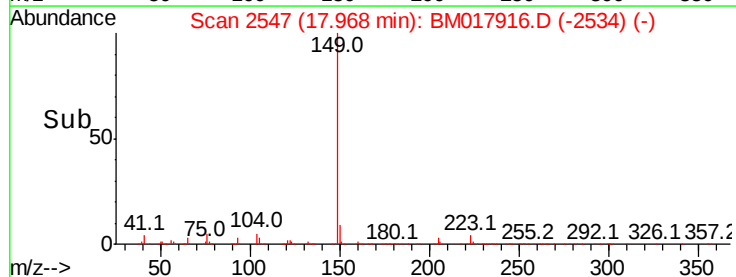
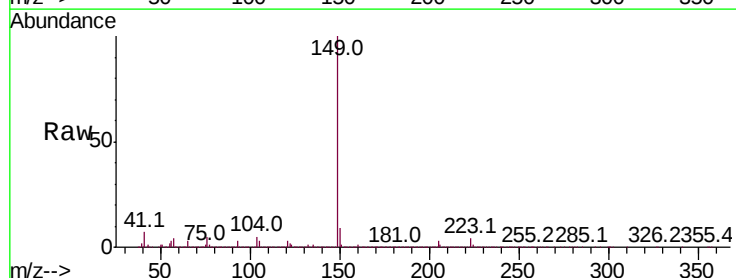
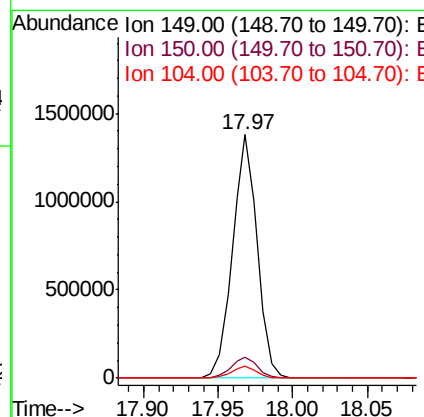
Manual Integrations
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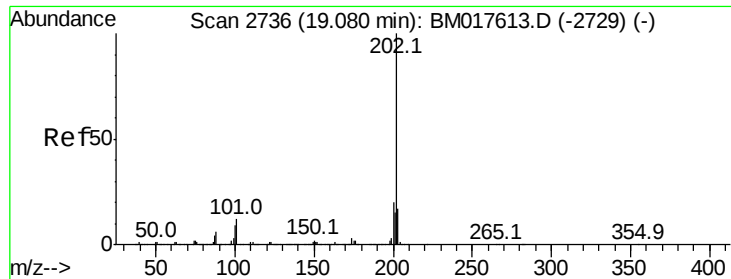
mohammad
 12/5/2018 4:50:15 PM



#74
 Di-n-butylphthalate
 Concen: 28.532 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.2
104	4.8	4.3	6.5





#75

Fluoranthene

Concen: 52.130 ng

RT: 19.06 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

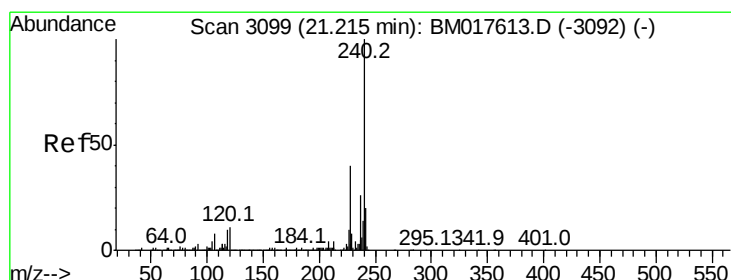
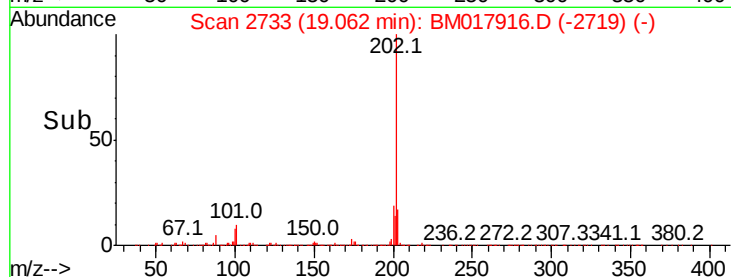
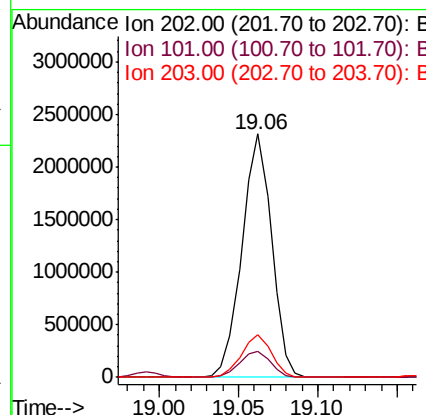
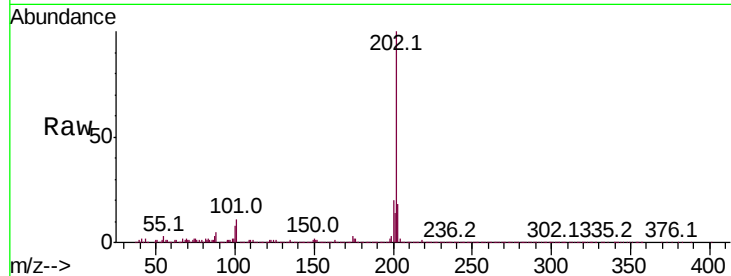
ClientSampleId :

AU-06-112918MS

Tot Ion:	202	Resp:	3006464
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.5
203	17.6	0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

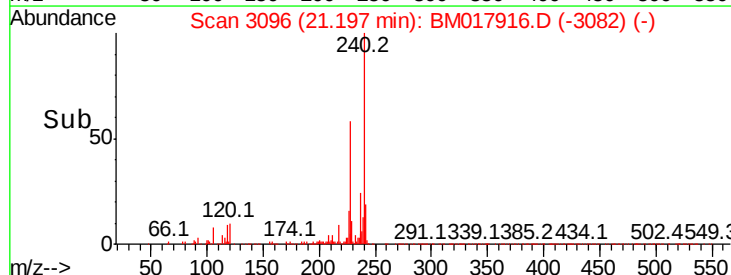
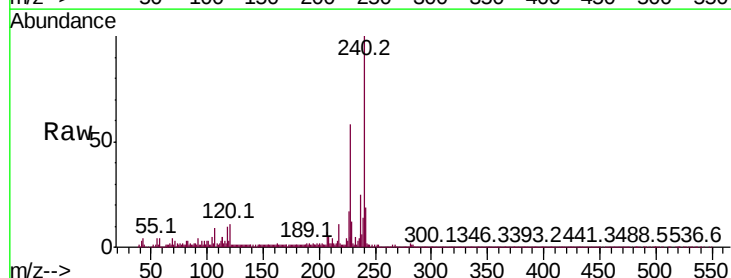
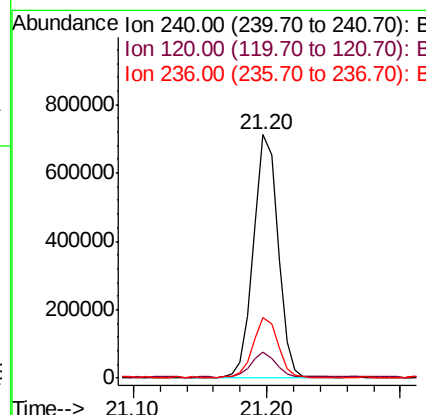
RT: 21.20 min Scan# 3096

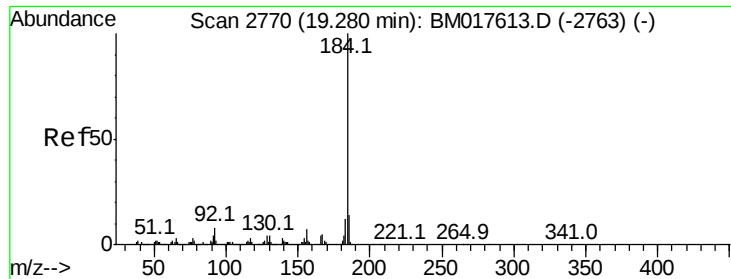
Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tgt Ion:	240	Resp:	890788
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.5	12.7
236	24.8	20.4	30.6





#77

Benzidine

Concen: 31.184 ng

RT: 19.27 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

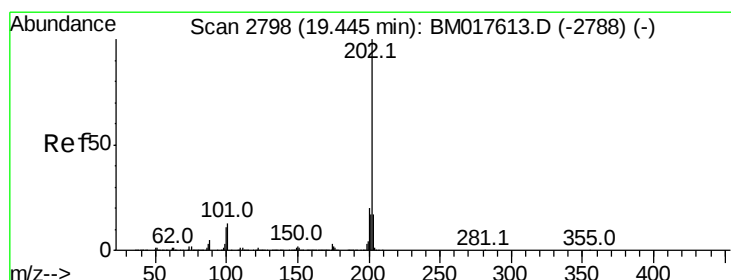
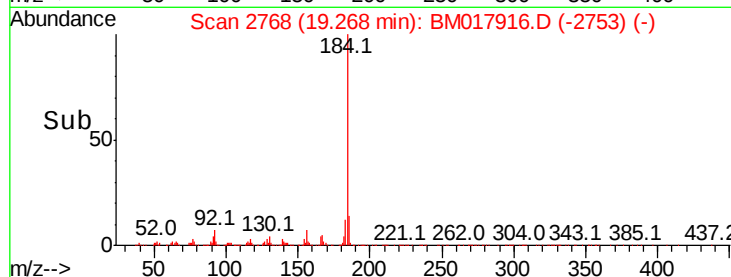
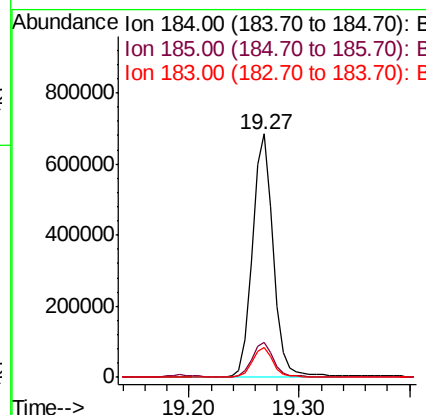
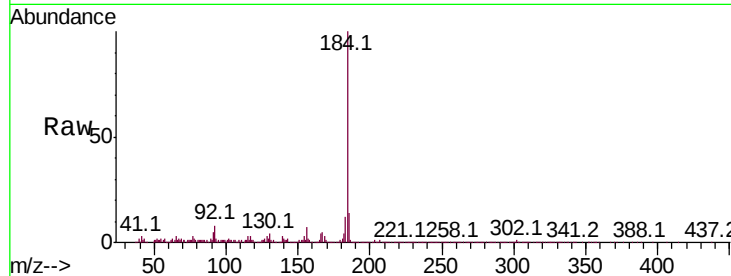
ClientSampleId :

AU-06-112918MS

Tot Ion:	184	Resp:	904566
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.2	16.8
183	12.2	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 50.043 ng

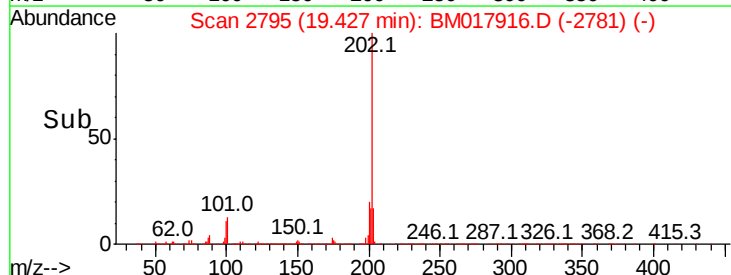
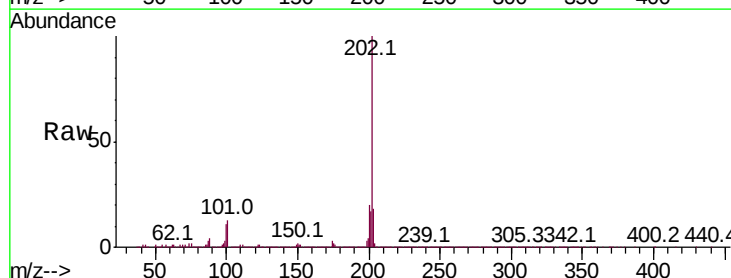
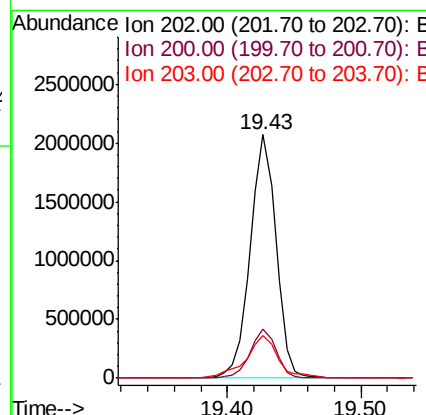
RT: 19.43 min Scan# 2795

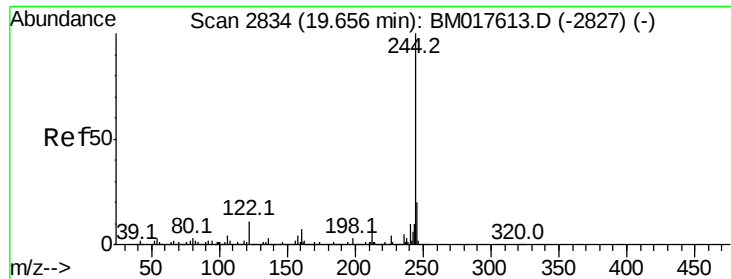
Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tgt Ion:	202	Resp:	2750487
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.4	24.6
203	17.7	13.8	20.8





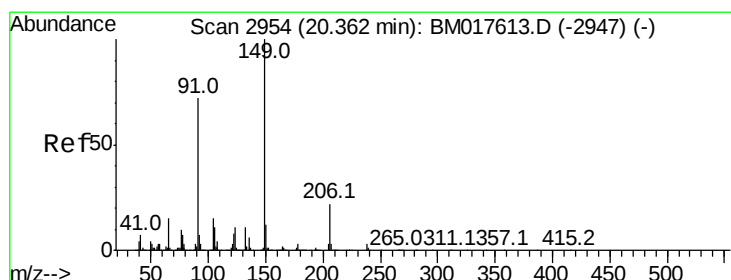
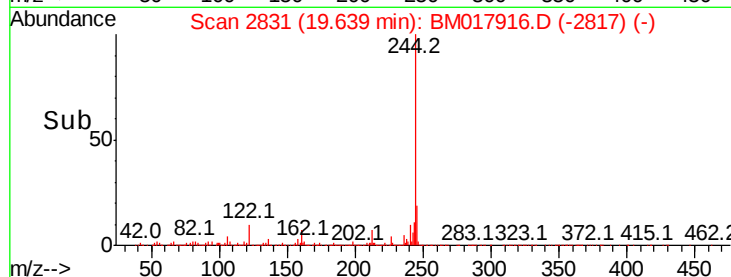
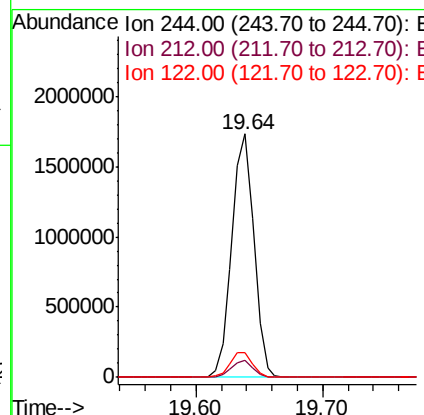
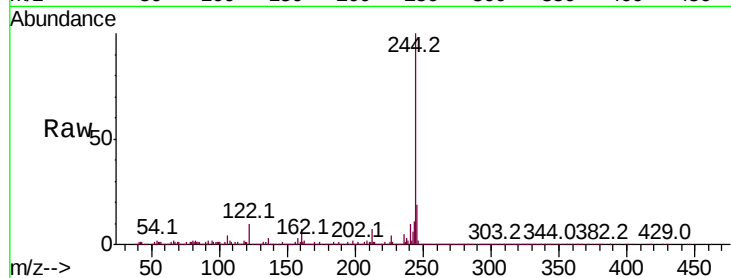
#79
Terphenyl-d14
Concen: 53.121 ng
RT: 19.64 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	10.1	9.0	13.6

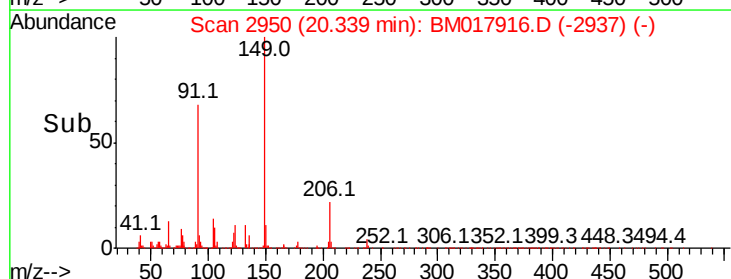
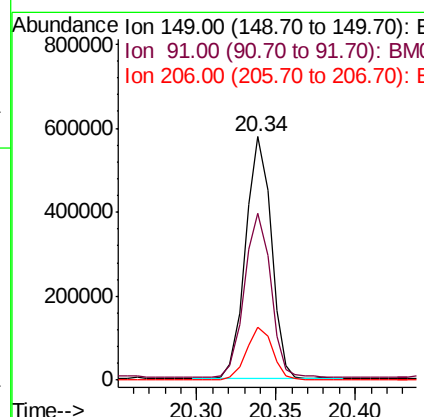
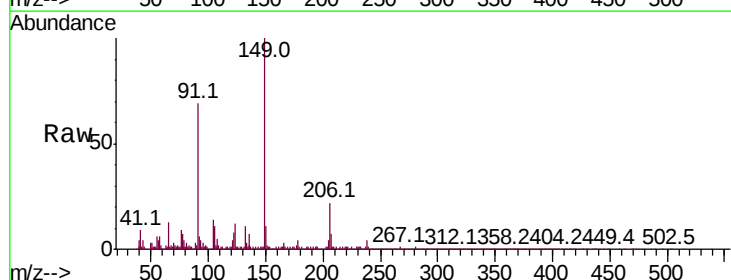
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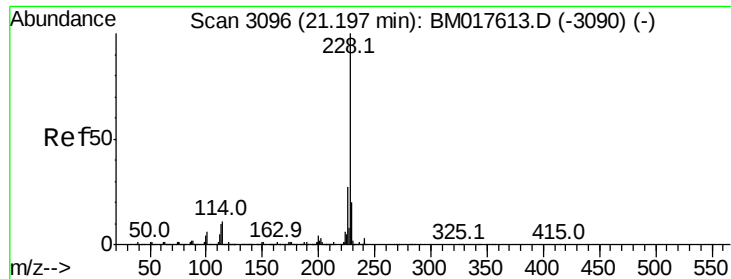
mohammad
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#80
Butylbenzylphthalate
Concen: 29.076 ng
RT: 20.34 min Scan# 2950
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	57.6	86.4
206	21.7	17.4	26.0





#81

Benzo(a)anthracene

Concen: 40.081 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MS

Tot Ion:228 Resp: 2056948

Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

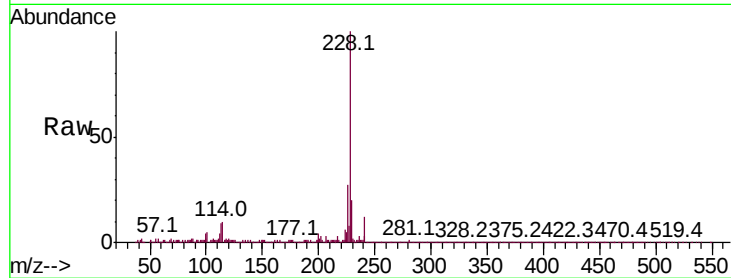
229 20.4 16.0 24.0

Manual Integrations

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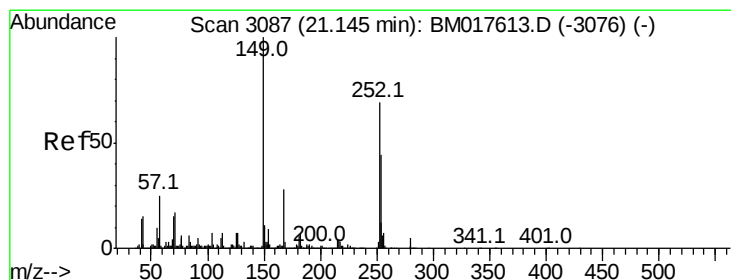
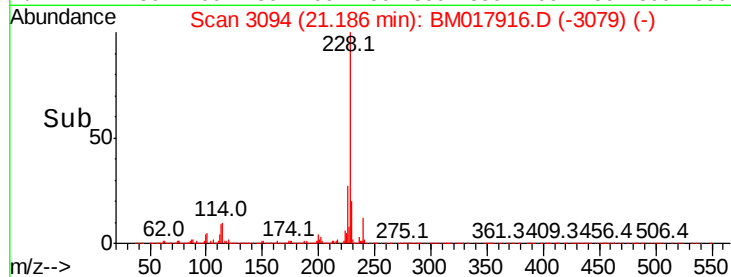
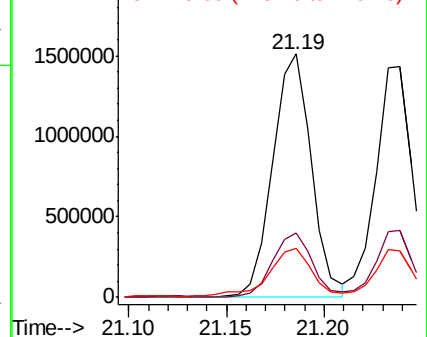


Abundance

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: 18.793 ng

RT: 21.12 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

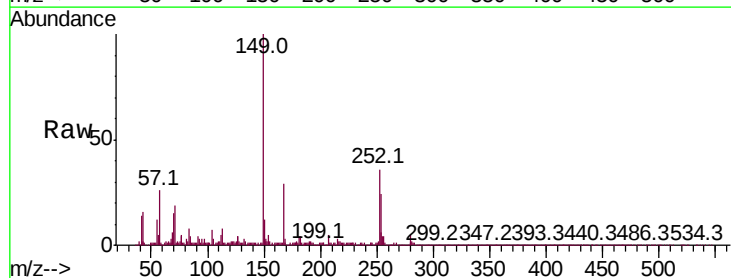
Tgt Ion:252 Resp: 372233

Ion Ratio Lower Upper

252 100

254 67.0 51.4 77.2

126 11.5 8.0 12.0

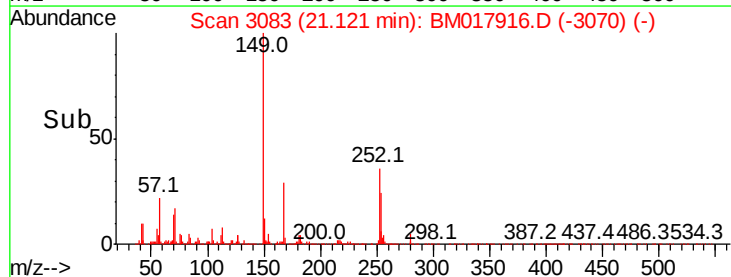
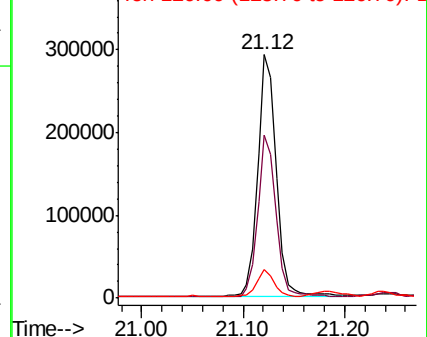


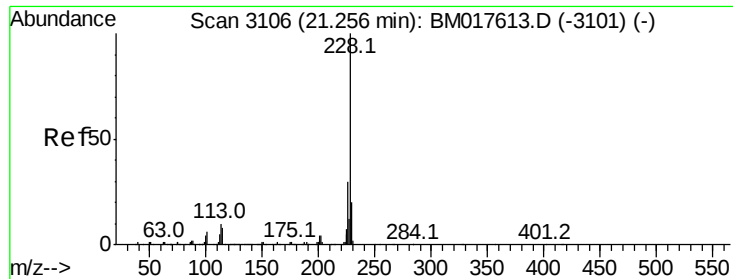
Abundance

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





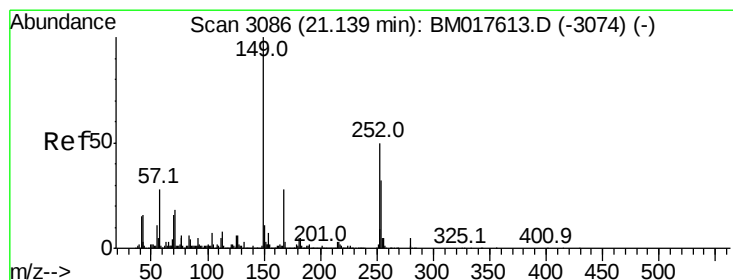
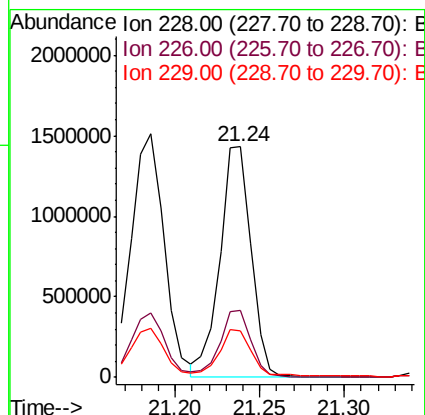
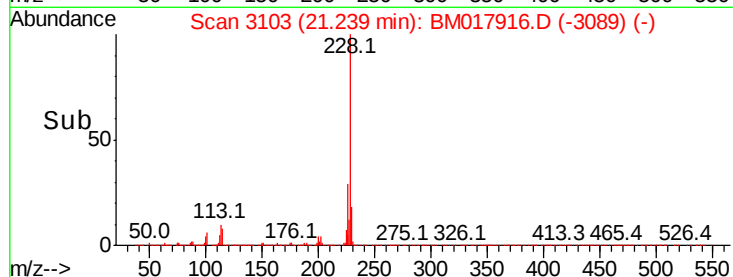
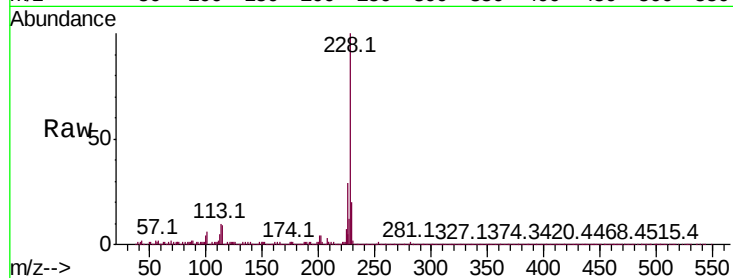
#83
 Chrvsene
 Concen: 36.866 ng
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MS

Tot Ion:228 Resp: 1837593
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.6 35.4
 229 20.4 15.8 23.6

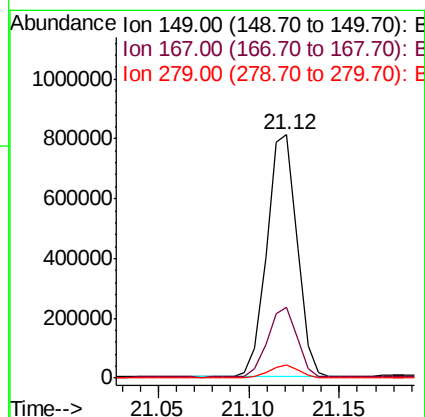
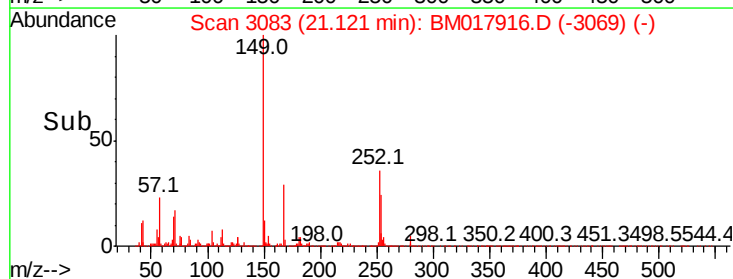
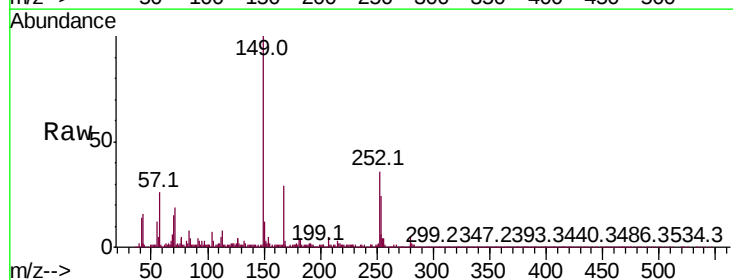
Manual Integrations
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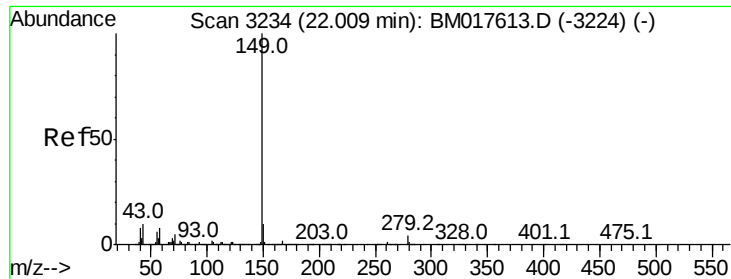
mohammad
 12/5/2018 4:50:15 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 28.373 ng
 RT: 21.12 min Scan# 3083
 Delta R.T. -0.02 min
 Lab File: BM017916.D
 Acq: 04 Dec 2018 23:23

Tgt Ion:149 Resp: 936357
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.2 33.4
 279 5.5 3.7 5.5





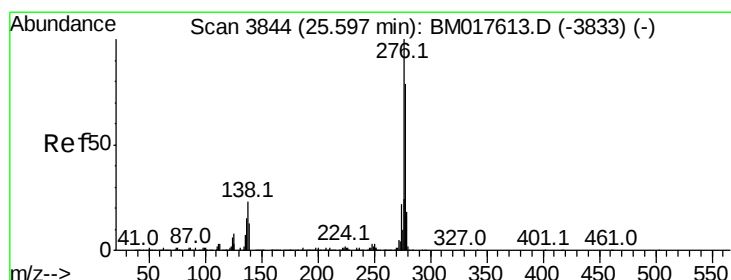
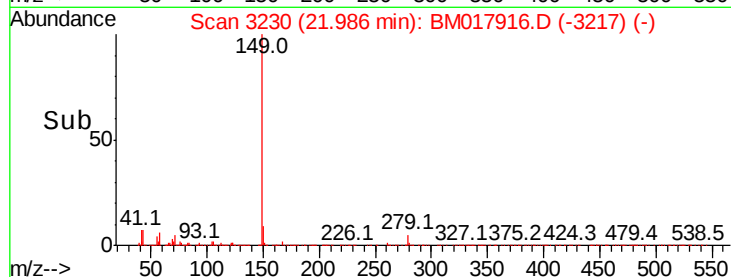
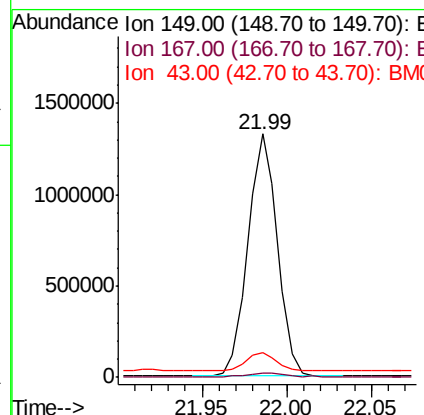
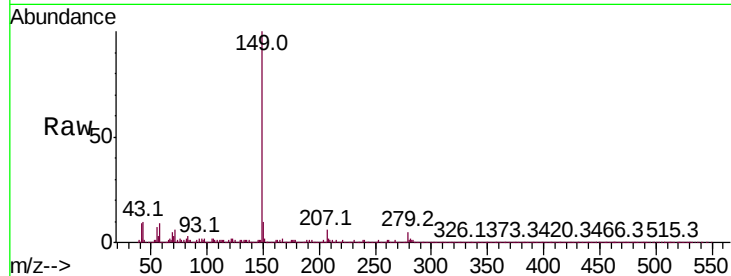
#85
Di-n-octyl phthalate
Concen: 30.310 ng
RT: 21.99 min Scan# 3230
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	7.9	8.3	12.5#

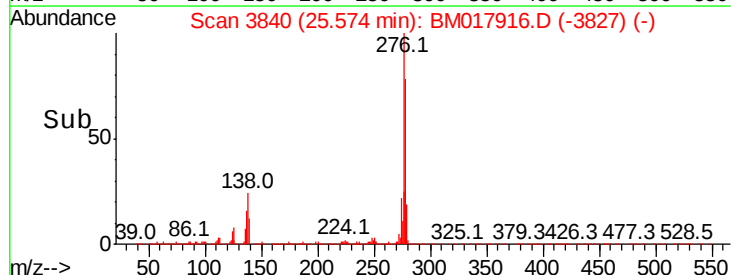
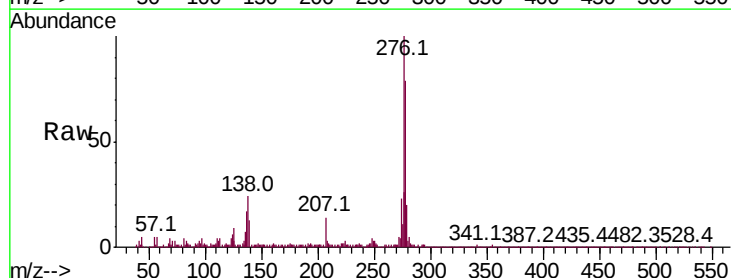
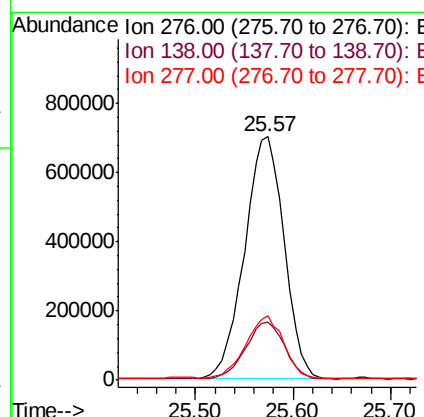
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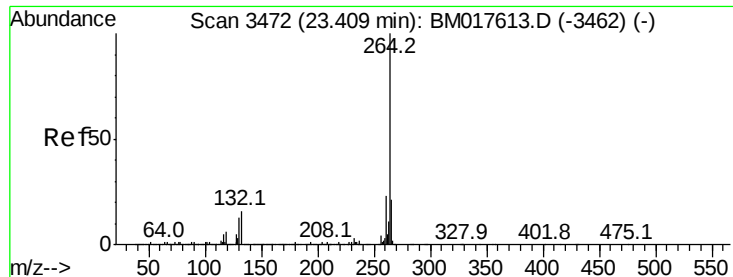
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.223 ng
RT: 25.57 min Scan# 3840
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.1	28.7
277	25.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Instrument :

BNA_M

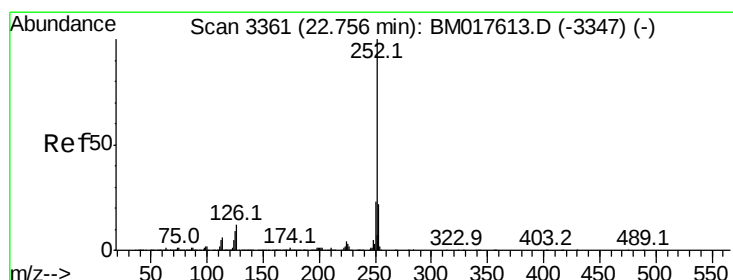
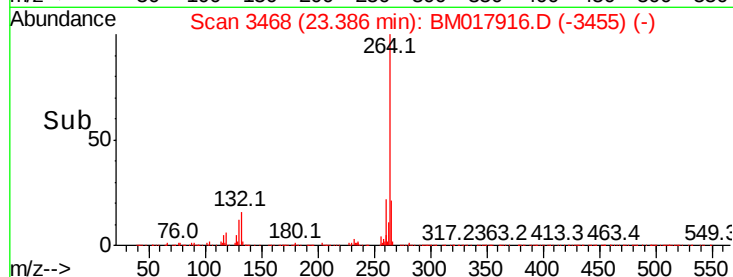
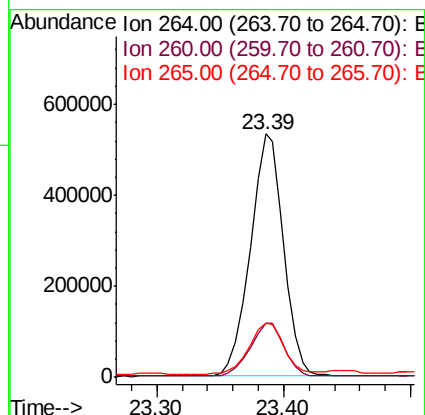
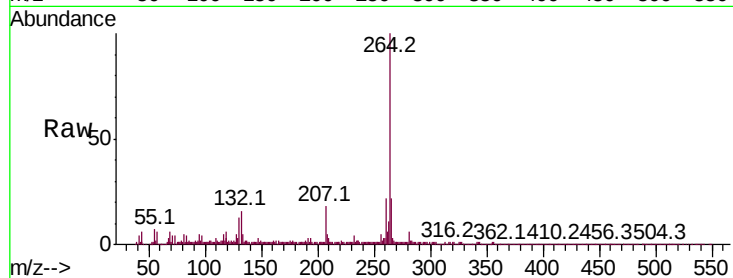
ClientSampleId :

AU-06-112918MS

Tot Ion:	264	Resp:	967356
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.2	27.2
265	22.4	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 35.363 ng

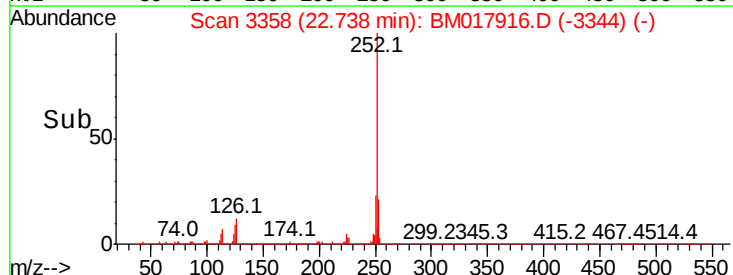
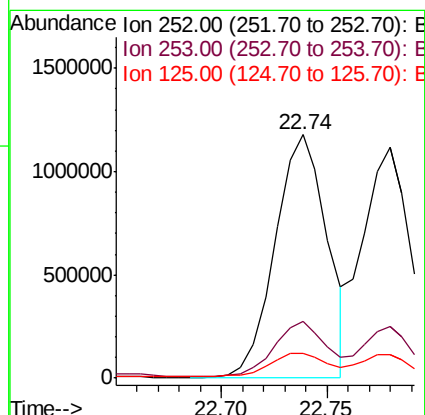
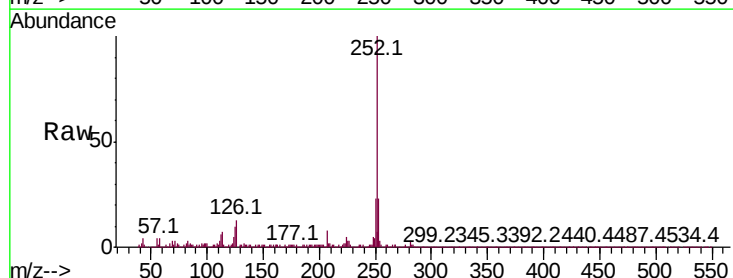
RT: 22.74 min Scan# 3358

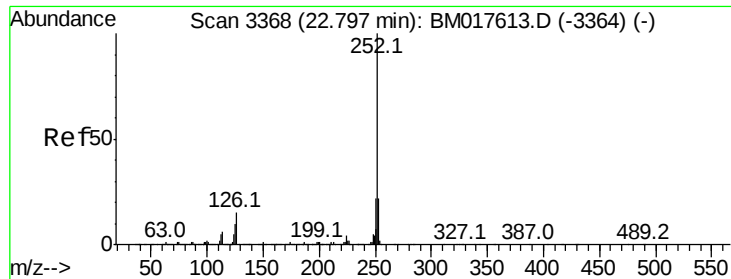
Delta R.T. -0.02 min

Lab File: BM017916.D

Acq: 04 Dec 2018 23:23

Tgt Ion:	252	Resp:	2003364
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.3	25.9
125	10.3	7.6	11.4





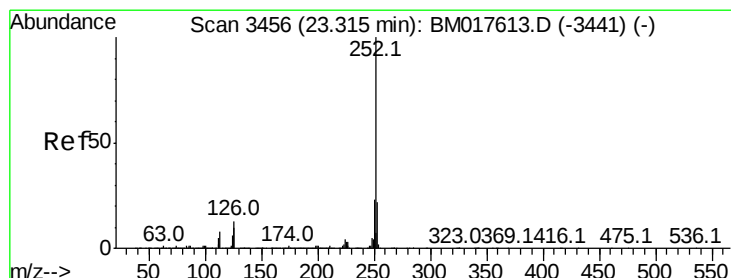
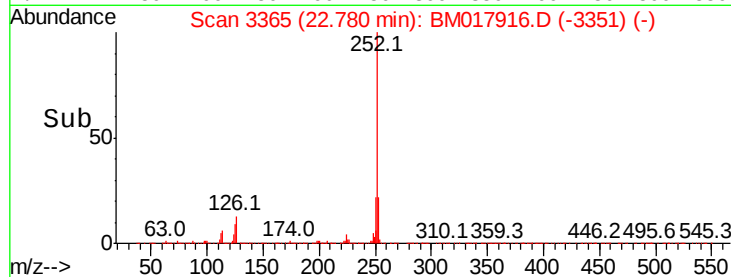
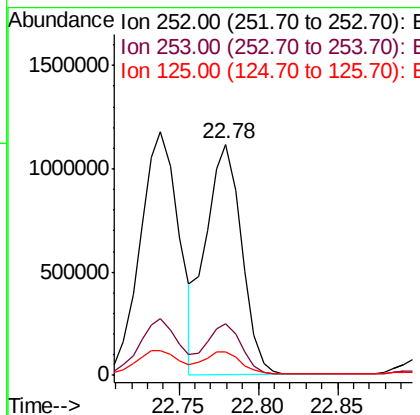
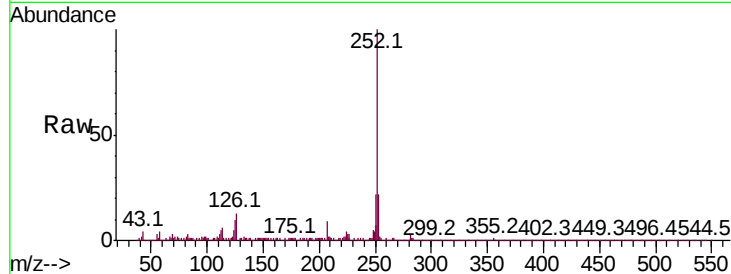
#89
Benzo(k)fluoranthene
Concen: 30.445 ng
RT: 22.78 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.0	7.9	11.9

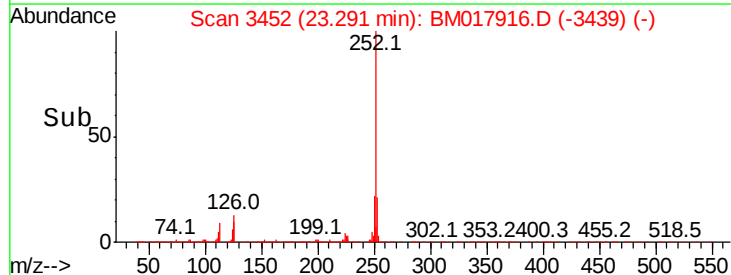
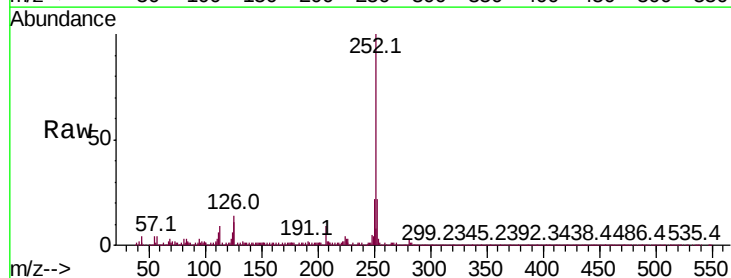
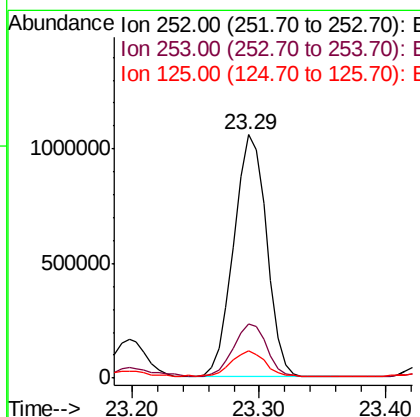
Manual Integrations
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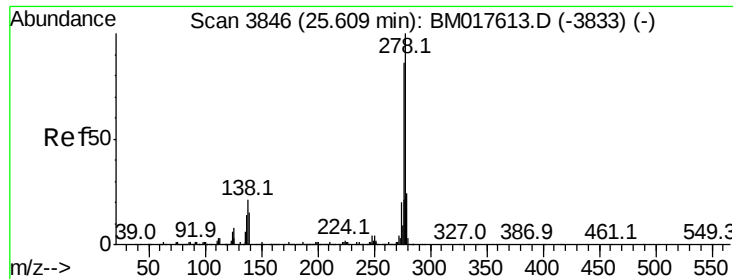
mohammad
12/5/2018 4:50:15 PM



#90
Benzo(a)pyrene
Concen: 36.781 ng
RT: 23.29 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.0	8.2	12.2





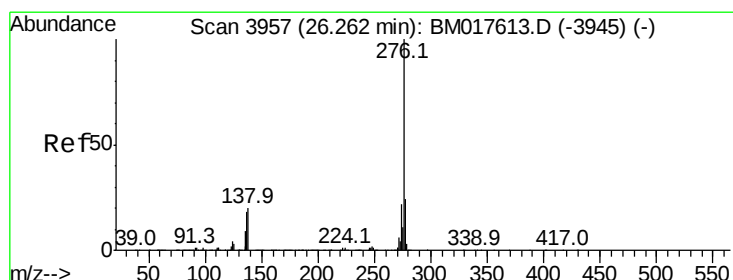
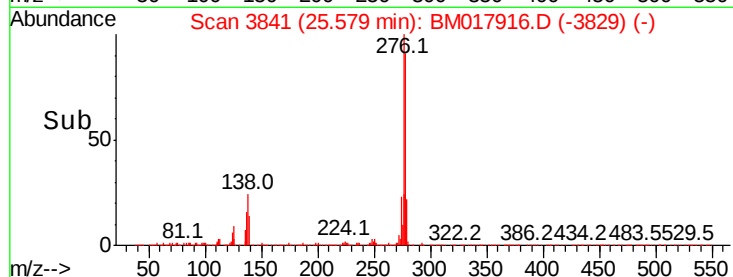
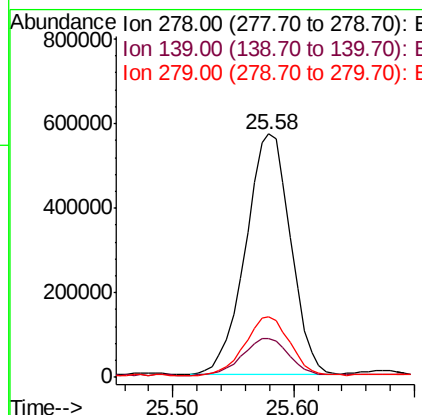
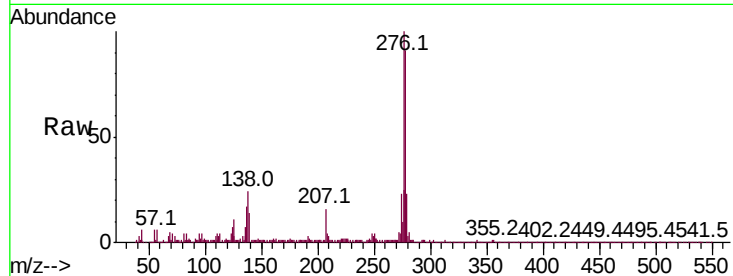
#91
Dibenzo(a,h)anthracene
Concen: 33.989 ng
RT: 25.58 min Scan# 3841
Delta R.T. -0.03 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.8	17.6
279	24.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/5/2018 4:50:15 PM



#92
Benzo(g,h,i)perylene
Concen: 41.117 ng
RT: 26.24 min Scan# 3953
Delta R.T. -0.02 min
Lab File: BM017916.D
Acq: 04 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	20.5	15.9	23.9

