

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
 Data File : BM018674.D
 Acq On : 28 Jan 2019 21:09
 Operator : JU/SJ
 Sample : K1011-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

Manual Integrations
 APPROVED

mohammad
 1/29/2019 10:06:50 AM

Quant Time: Jan 29 02:44:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	215195	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	858194	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	477896	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1077547	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1154403	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1176026	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1486379	127.54	ng	-0.01
7) Phenol-d6	6.90	99	1724580	116.51	ng	0.00
23) Nitrobenzene-d5	8.89	82	1302655	87.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	894879	147.06	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	3249006	88.71	ng	-0.01
79) Terphenyl-d14	19.76	244	4995517	91.22	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	160656	33.823	ng	# 60
3) Pyridine	3.67	79	404209	34.132	ng	97
4) n-Nitrosodimethylamine	3.58	42	221556	45.243	ng	# 95
6) Aniline	7.07	93	179647	10.880	ng	100
8) 2-Chlorophenol	7.29	128	622941	45.767	ng	95
9) Benzaldehyde	6.88	77	115755	11.168	ng	99
10) Phenol	6.93	94	582773	38.744	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	517878	43.818	ng	95
12) 1,3-Dichlorobenzene	7.61	146	657690	40.574	ng	98
13) 1,4-Dichlorobenzene	7.76	146	673556	40.997	ng	98
14) 1,2-Dichlorobenzene	8.07	146	649873	41.716	ng	99
15) Benzyl Alcohol	7.97	79	502371	46.990	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	662616	43.870	ng	96
17) 2-Methylphenol	8.17	107	476653	46.684	ng	99
18) Hexachloroethane	8.79	117	244113	41.672	ng	96
19) n-Nitroso-di-n-propylamine	8.53	70	422648	43.875	ng	95
20) 3+4-Methylphenols	8.50	107	633337	44.934	ng	98
22) Acetophenone	8.55	105	865042	40.747	ng	98
24) Nitrobenzene	8.93	77	632512	43.424	ng	98
25) Isophorone	9.45	82	1146355	51.137	ng	98
26) 2-Nitrophenol	9.64	139	337925	47.979	ng	96
27) 2,4-Dimethylphenol	9.69	122	545730	51.694	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	709233	45.798	ng	100
29) 2,4-Dichlorophenol	10.17	162	602115	47.898	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	660135	42.308	ng	99
31) Naphthalene	10.56	128	1914760	46.328	ng	100
32) Benzoic acid	9.83	122	266040m	38.861	ng	
33) 4-Chloroaniline	10.69	127	49370	3.033	ng	# 94
34) Hexachlorobutadiene	10.83	225	397209	40.296	ng	99
35) Caprolactam	11.50	113	127664m	29.870	ng	
36) 4-Chloro-3-methylphenol	11.81	107	615547	46.674	ng	97
37) 2-Methylnaphthalene	12.18	142	1422244	48.704	ng	100
38) 1-Methylnaphthalene	12.40	142	1360602	48.155	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	742392	44.423	ng	99

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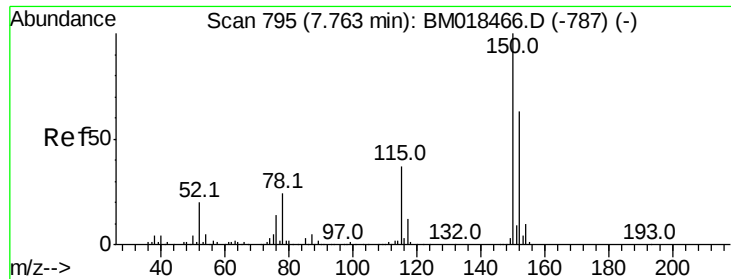
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	724470	78.988	nq	100
43) 2,4,6-Trichlorophenol	12.80	196	489648	48.249	nq	99
44) 2,4,5-Trichlorophenol	12.87	196	523634	49.061	nq	98
46) 1,1'-Biphenyl	13.20	154	1798700	43.106	nq	99
47) 2-Chloronaphthalene	13.25	162	1408798	43.538	nq	100
48) 2-Nitroaniline	13.47	65	375507	47.169	nq	90
49) Acenaphthylene	14.10	152	2278840	48.326	nq	100
50) Dimethylphthalate	13.84	163	1783966	45.453	nq	99
51) 2,6-Dinitrotoluene	13.96	165	392001	47.151	nq	94
52) Acenaphthene	14.44	154	1321324	45.795	nq	98
53) 3-Nitroaniline	14.30	138	60539	7.223	nq	94
54) 2,4-Dinitrophenol	14.50	184	312394	70.365	nq	91
55) Dibenzofuran	14.77	168	2130944	44.699	nq	99
56) 4-Nitrophenol	14.61	139	612018	84.523	nq	95
57) 2,4-Dinitrotoluene	14.76	165	551754	46.906	nq	99
58) Fluorene	15.43	166	1731574	48.759	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	480613	50.802	nq	97
60) Diethylphthalate	15.20	149	1813170	45.762	nq	99
61) 4-Chlorophenyl-phenylether	15.42	204	884451	43.212	nq	99
62) 4-Nitroaniline	15.47	138	327834	35.859	nq	97
63) Azobenzene	15.72	77	1480404	45.827	nq	97
65) 4,6-Dinitro-2-methylphenol	15.52	198	246579	37.261	nq	89
66) n-Nitrosodiphenylamine	15.64	169	1511750	45.228	nq	99
67) 4-Bromophenyl-phenylether	16.32	248	536792	44.516	nq	96
68) Hexachlorobenzene	16.42	284	602624	44.641	nq	100
69) Atrazine	16.60	200	557996	46.178	nq	99
70) Pentachlorophenol	16.77	266	751060	84.953	nq	99
71) Phenanthrene	17.17	178	2750225	47.985	nq	100
72) Anthracene	17.26	178	2796657	50.743	nq	100
73) Carbazole	17.54	167	2546172	44.967	nq	99
74) Di-n-butylphthalate	18.09	149	3102257	50.017	nq	100
75) Fluoranthene	19.19	202	3254256	49.248	nq	98
77) Benzidine	19.39	184	613281	21.516	nq	100
78) Pyrene	19.56	202	3351302	48.976	nq	100
80) Butylbenzylphthalate	20.46	149	1449835	49.654	nq	97
81) Benzo(a)anthracene	21.30	228	3352409	49.295	nq	100
82) 3,3'-Dichlorobenzidine	21.24	252	325817	12.669	nq	99
83) Chrysene	21.36	228	3162200	48.152	nq	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	2071148	49.122	nq	99
85) Di-n-octyl phthalate	22.12	149	3656242	51.559	nq	95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3768716	49.767	nq	97
88) Benzo(b)fluoranthene	22.90	252	3373208	50.523	nq	98
89) Benzo(k)fluoranthene	22.95	252	3192734	47.451	nq	98
90) Benzo(a)pyrene	23.49	252	3203475	50.118	nq	97
91) Dibenzo(a,h)anthracene	25.90	278	3197872	49.376	nq	99
92) Benzo(g,h,i)perylene	26.60	276	3119149	49.491	nq	97

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



#1

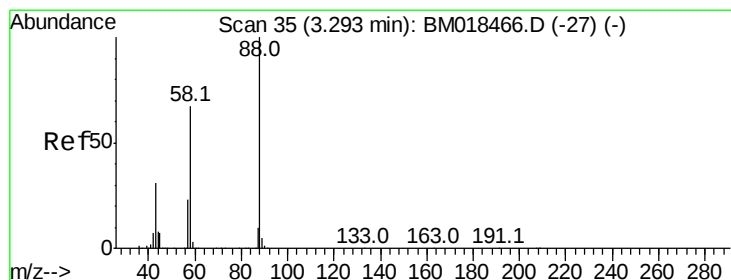
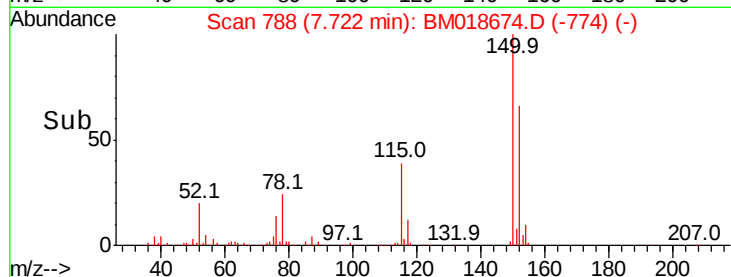
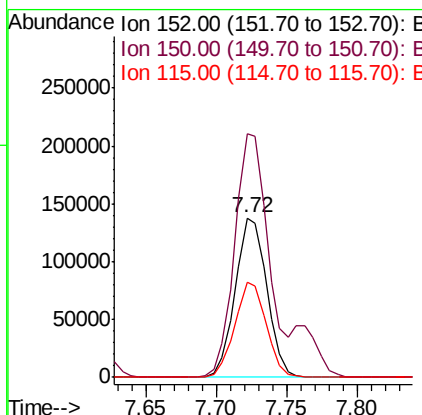
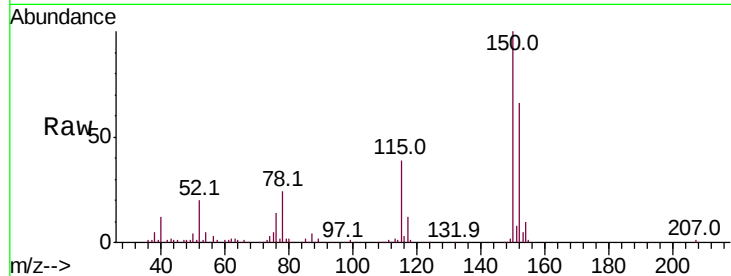
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.9	190.3
115	59.3	45.5	68.3

Manual Integrations
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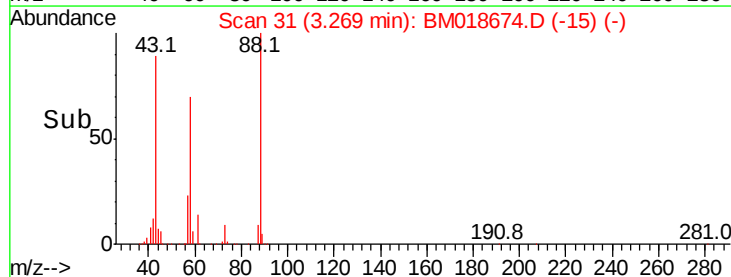
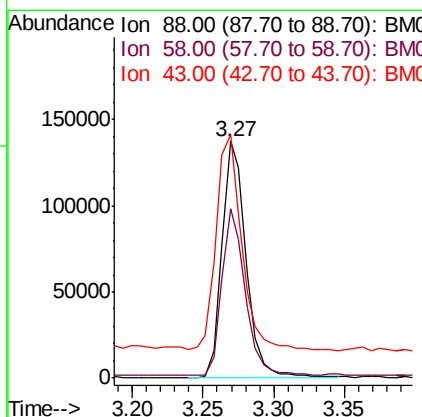
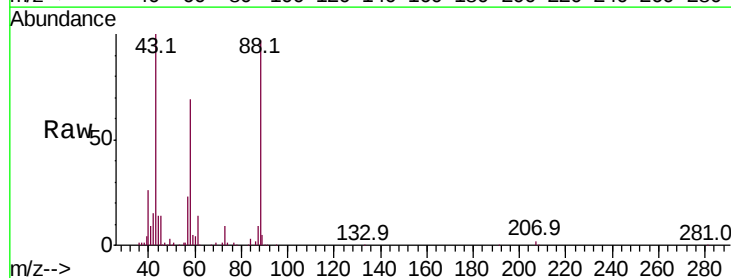
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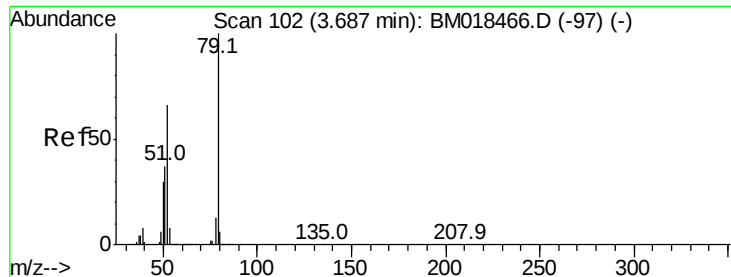


#2

1,4-Dioxane
Concen: 33.823 ng
RT: 3.27 min Scan# 31
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	58.4	87.6
43	99.7	26.2	39.4





#3

Pvridine

Concen: 34.132 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

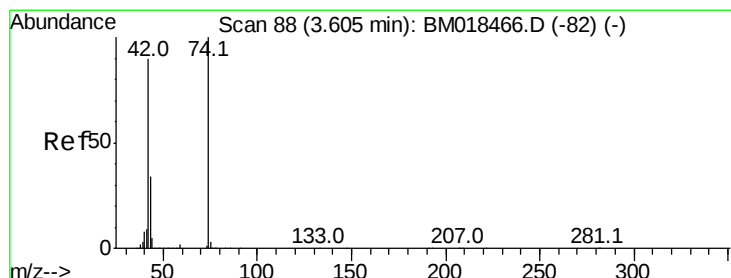
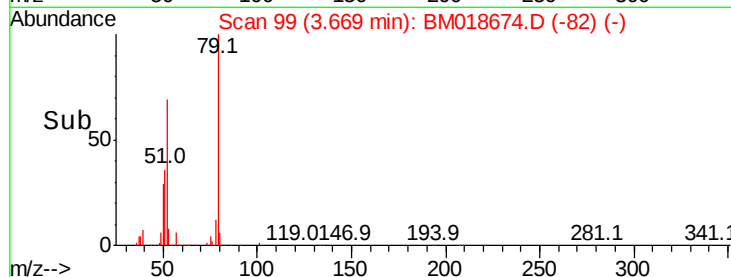
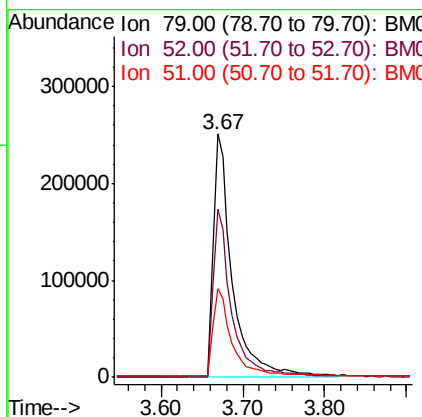
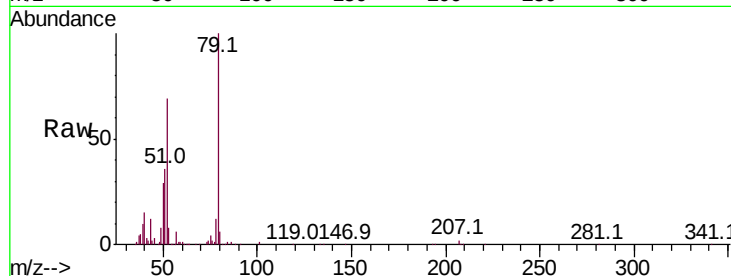
ClientSampleId :

OR-01-012519-AMSD

Tot Ion:	79	Resp:	404209
Ion Ratio	Lower	Upper	
79	100		
52	69.0	56.4	84.6
51	36.2	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 45.243 ng

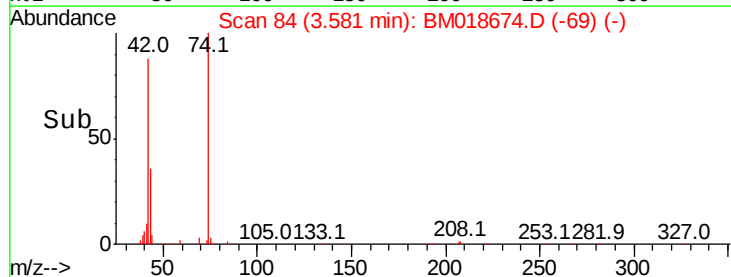
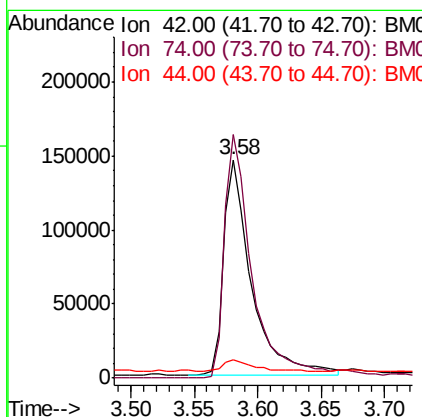
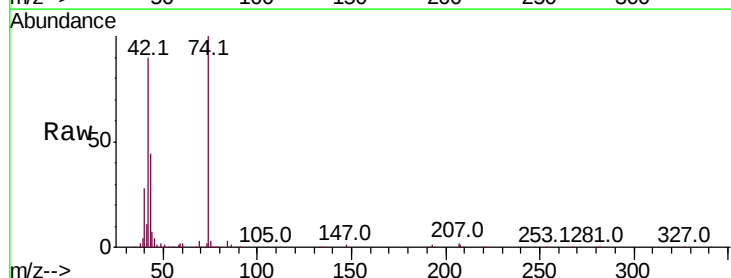
RT: 3.58 min Scan# 84

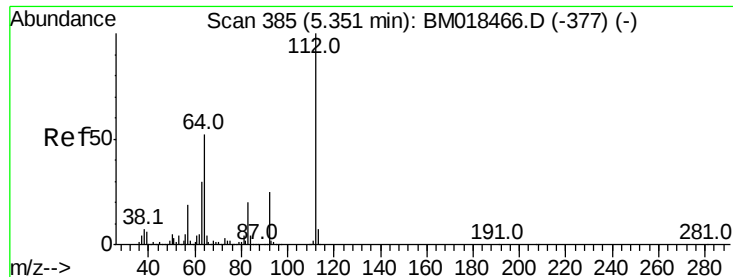
Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Tgt Ion:	42	Resp:	221556
Ion Ratio	Lower	Upper	
42	100		
74	111.6	88.6	132.8
44	8.3	16.9	25.3





#5

2-Fluorophenol

Concen: 127.540 ng

RT: 5.32 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

Tot Ion: 112 Resp: 1486379

Ion Ratio Lower Upper

112 100

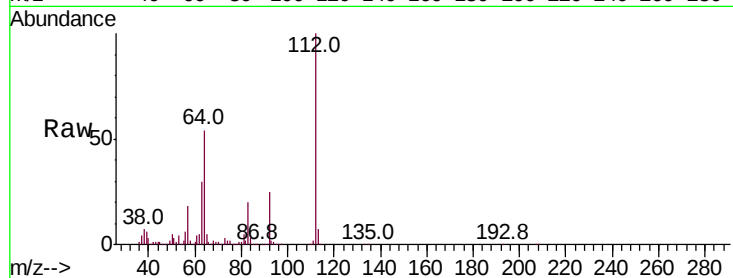
64 54.4 46.5 69.7

63 29.8 25.2 37.8

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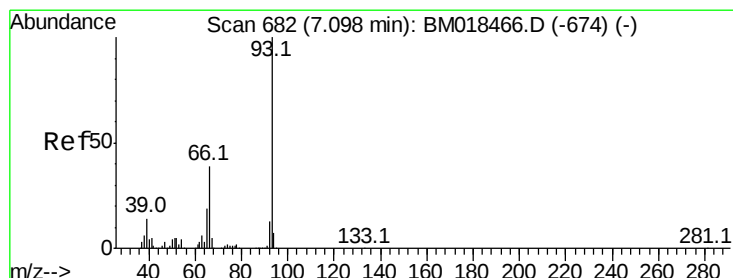
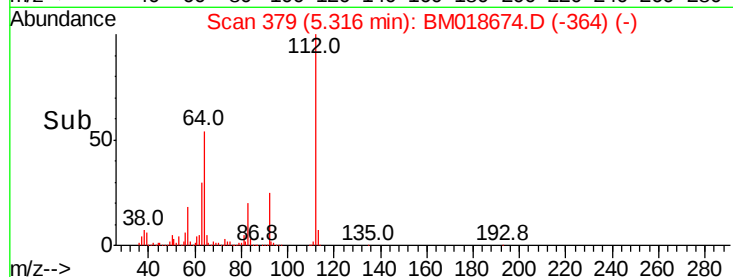
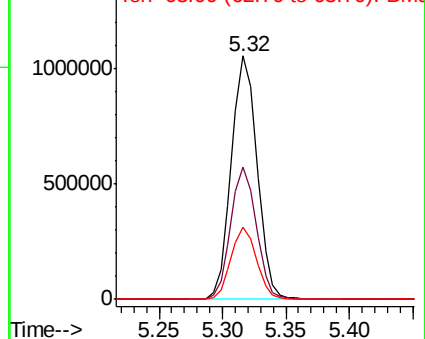
1/29/2019 10:06:50 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 10.880 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

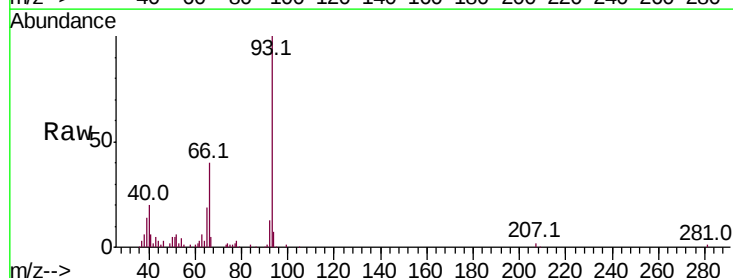
Tgt Ion: 93 Resp: 179647

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

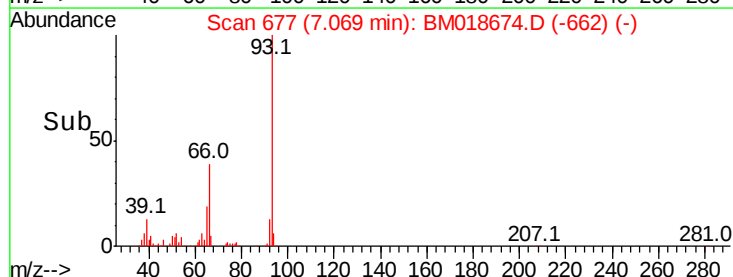
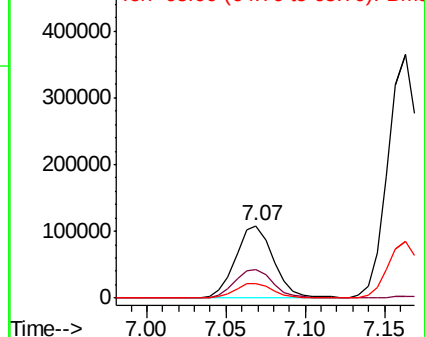
65 19.5 15.9 23.9

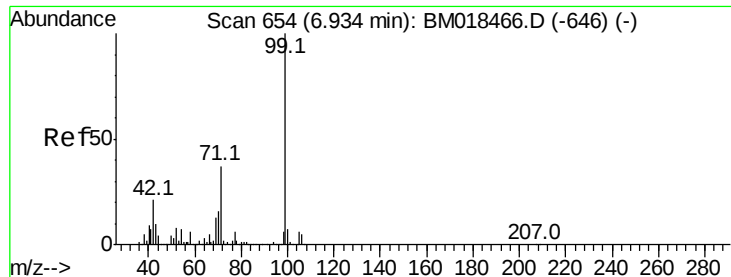


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 116.508 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

Tot Ion: 99 Resp: 1724580

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

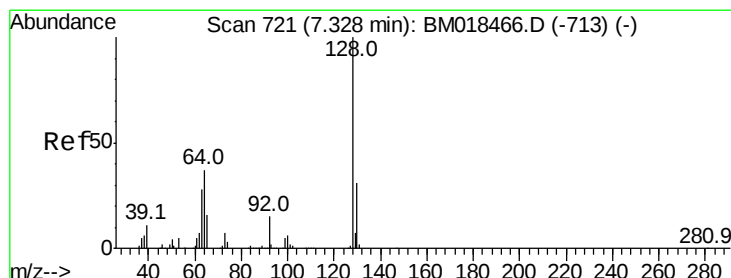
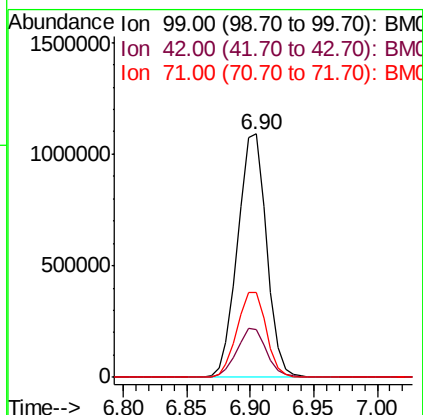
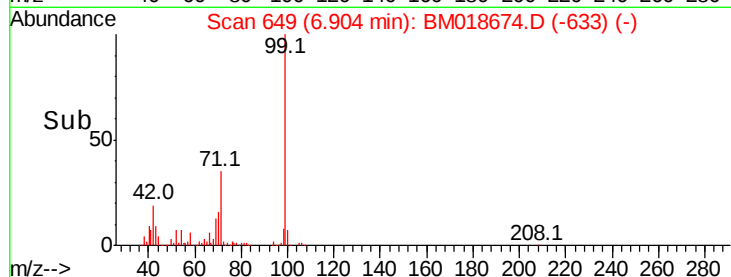
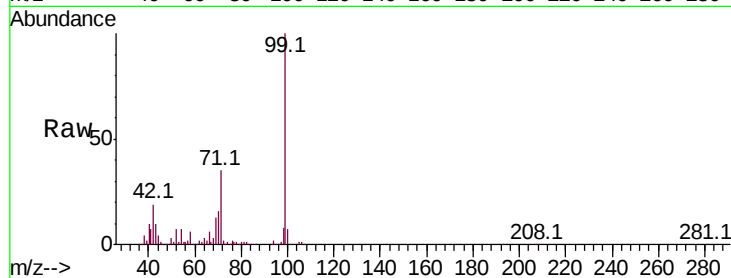
71 35.1 28.0 42.0

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#8

2-Chlorophenol

Concen: 45.767 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

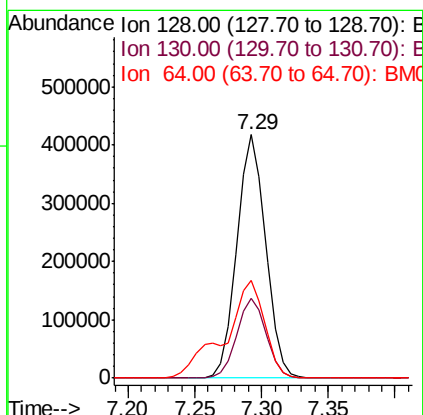
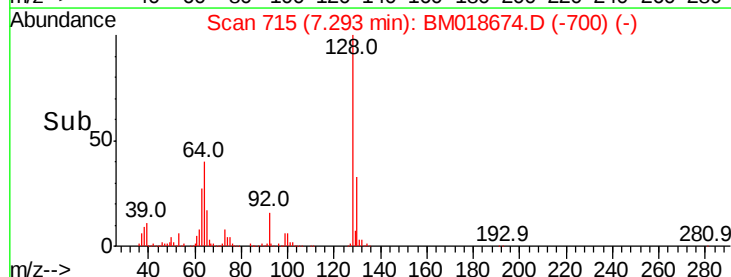
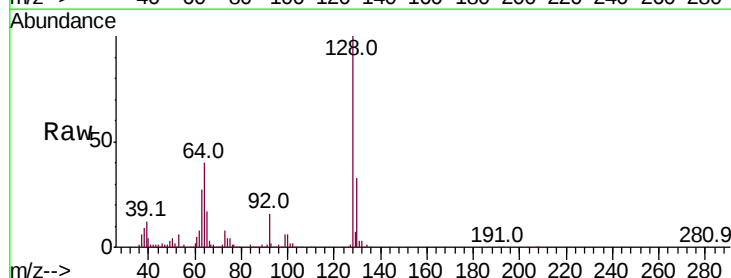
Tgt Ion: 128 Resp: 622941

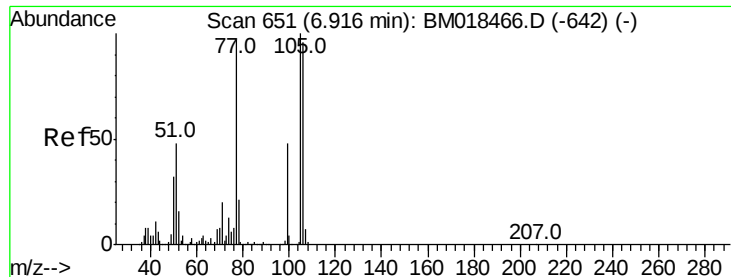
Ion Ratio Lower Upper

128 100

130 32.5 13.6 53.6

64 39.9 24.8 64.8





#9

Benzaldehyde

Concen: 11.168 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

Tot Ion: 77 Resp: 115755

Ion Ratio Lower Upper

77 100

105 98.3 79.7 119.7

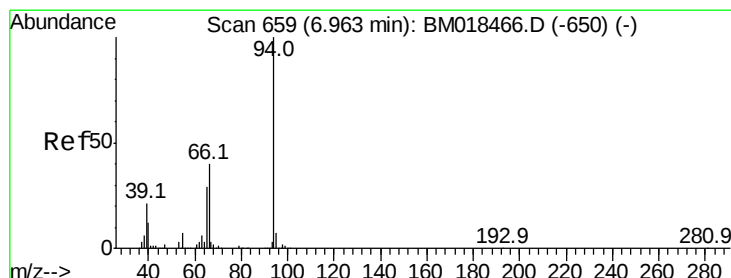
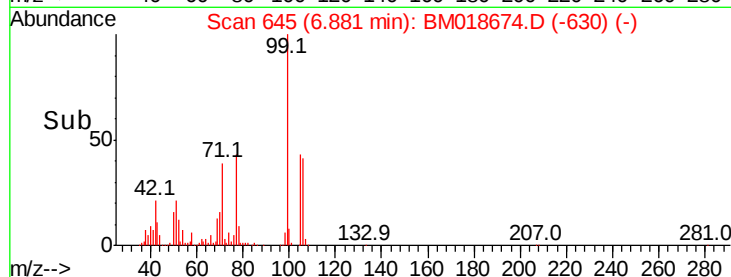
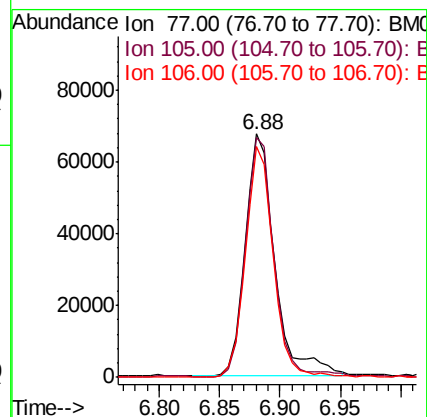
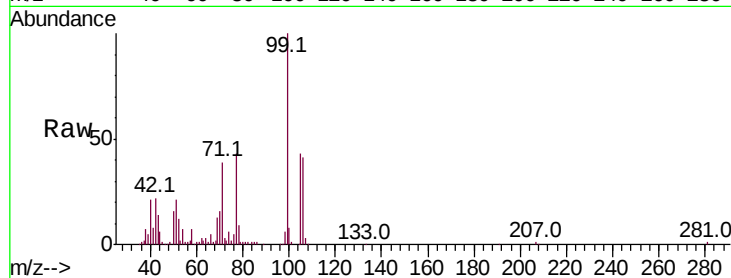
106 94.9 75.2 115.2

Manual Integrations

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#10

Phenol

Concen: 38.744 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

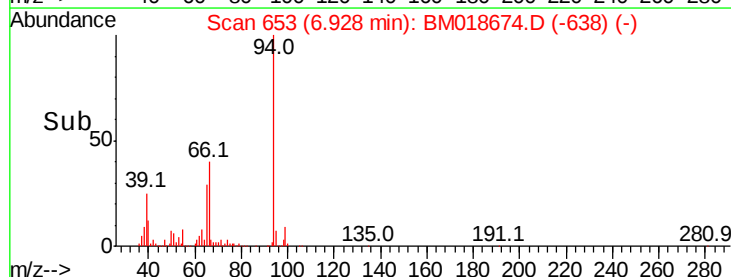
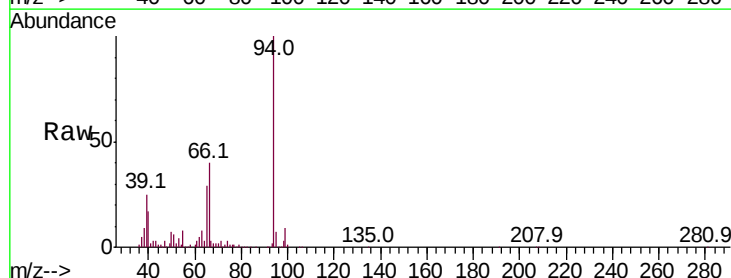
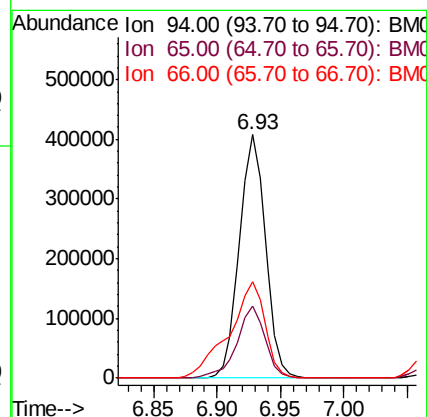
Tgt Ion: 94 Resp: 582773

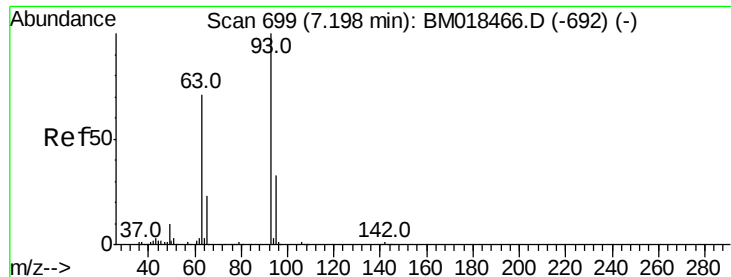
Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

66 39.8 19.1 59.1





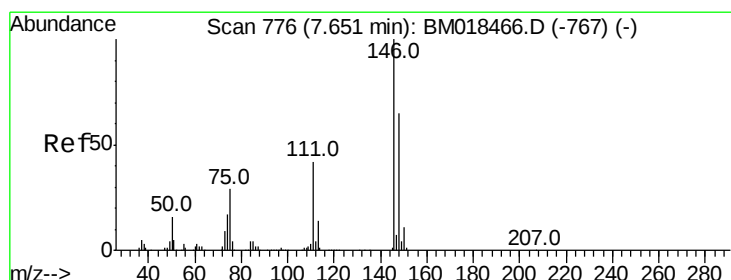
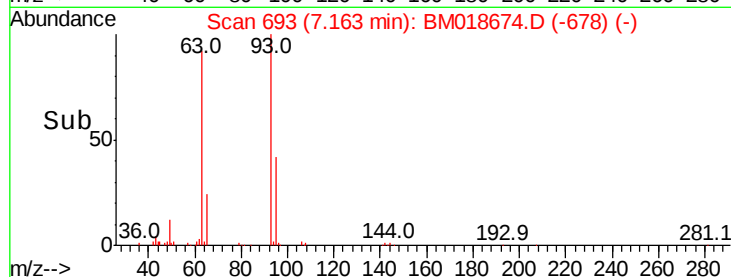
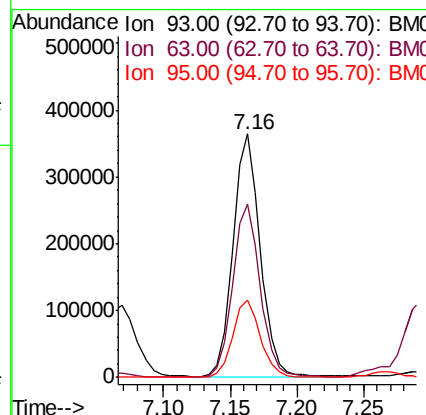
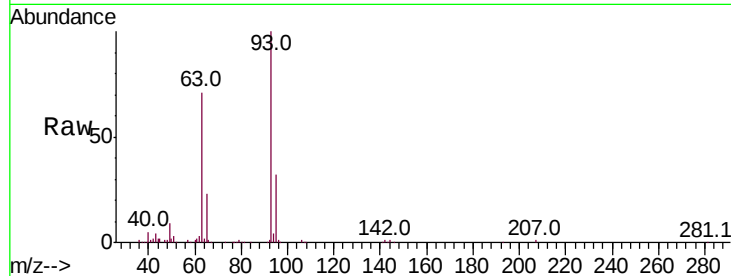
#11
bis(2-Chloroethyl)ether
Concen: 43.818 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.1	56.4	96.4
95	31.9	12.7	52.7

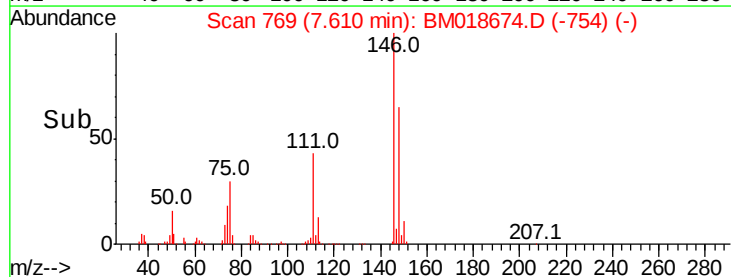
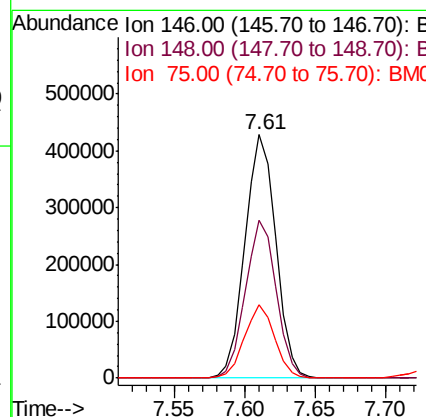
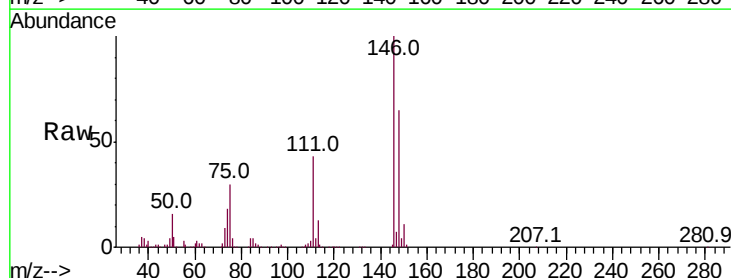
Manual Integrations
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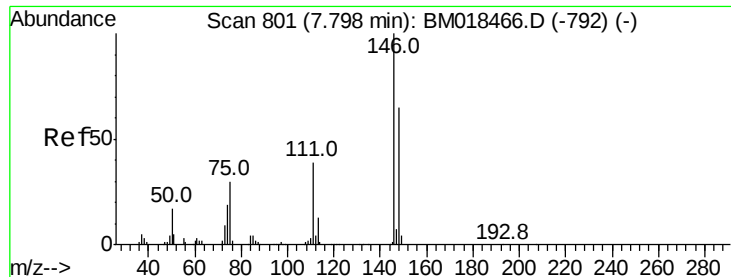
mohammad
1/29/2019 10:06:50 AM



#12
1,3-Dichlorobenzene
Concen: 40.574 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.5	75.7
75	30.0	23.0	34.6





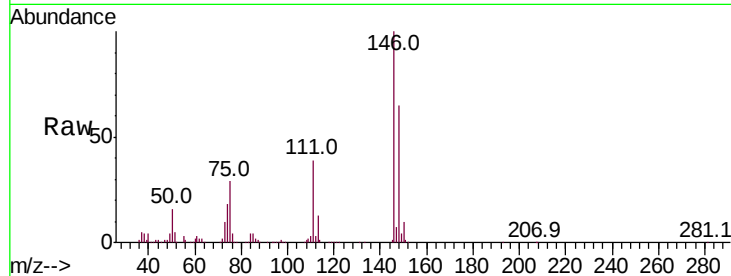
#13
1,4-Dichlorobenzene
Concen: 40.997 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	39.4	32.2	48.2

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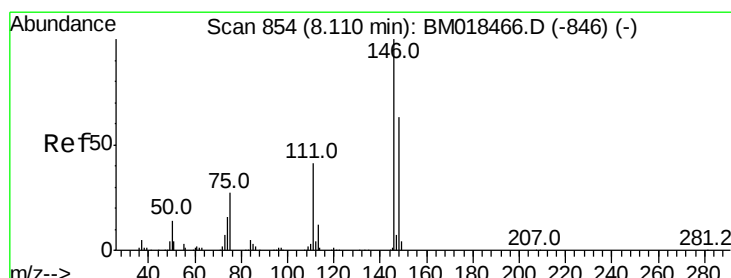
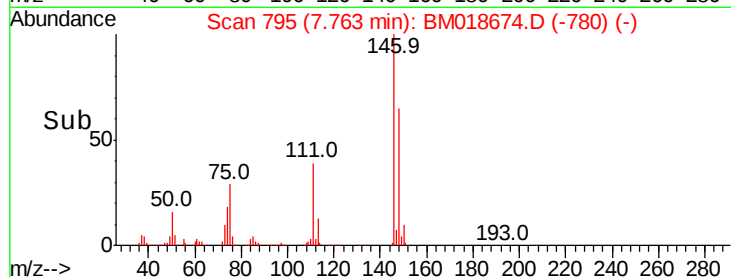
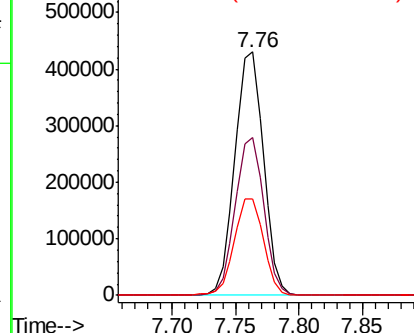


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 41.716 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

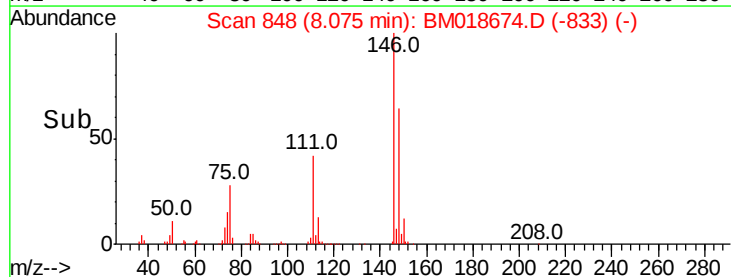
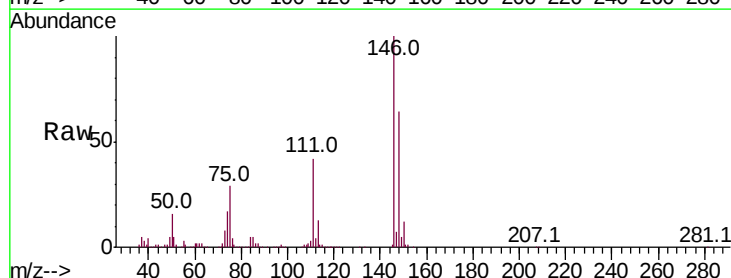
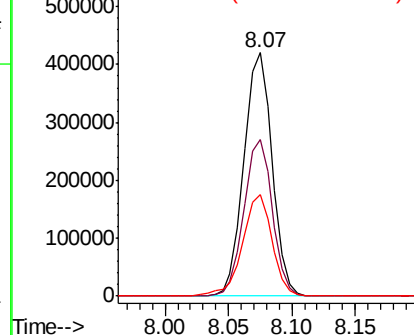
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	41.8	33.8	50.6

Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.990 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

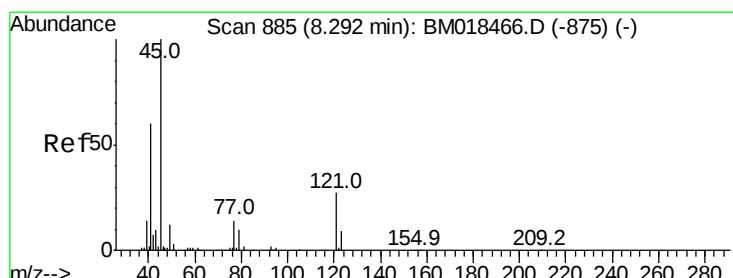
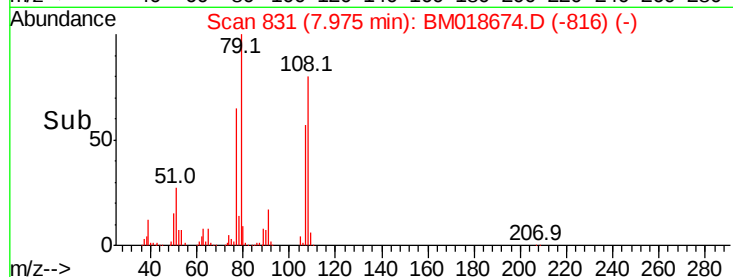
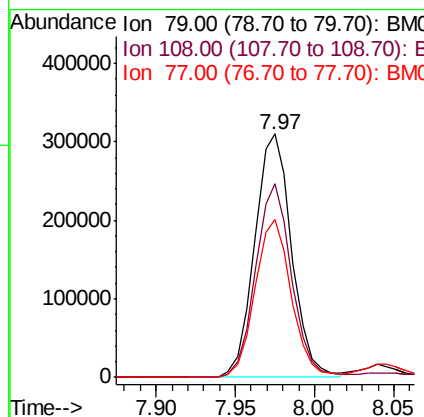
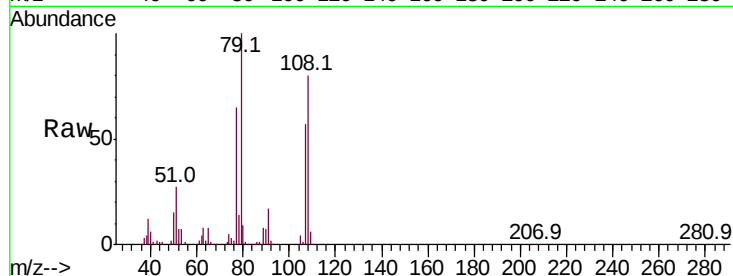
ClientSampleId :

OR-01-012519-AMSD

Tot Ion:	79	Resp:	502371
Ion Ratio	Lower	Upper	
79	100		
108	79.6	60.4	90.6
77	64.9	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.870 ng

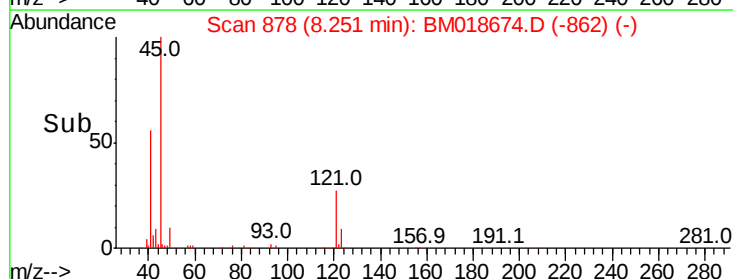
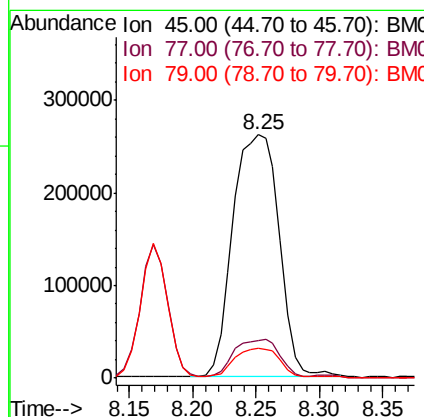
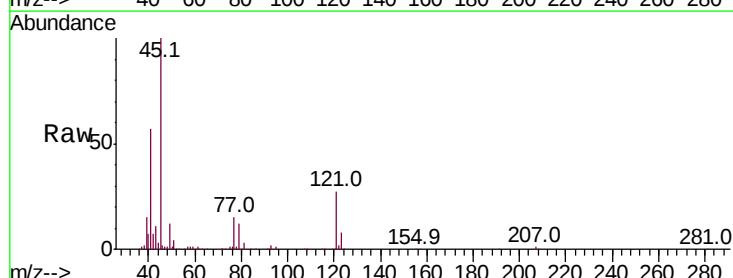
RT: 8.25 min Scan# 878

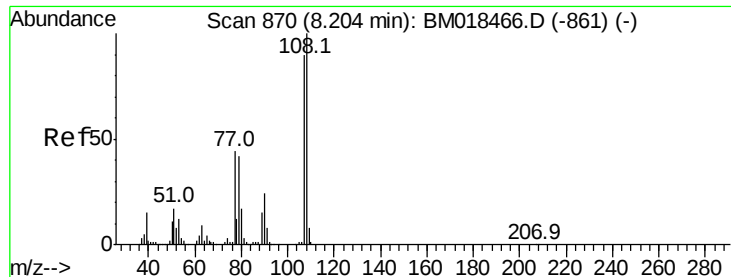
Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Tgt Ion:	45	Resp:	662616
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	33.4
79	12.3	0.0	31.1





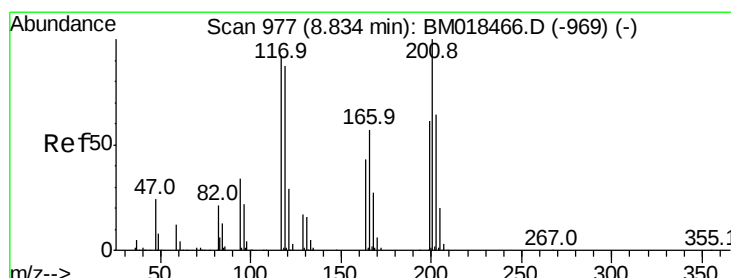
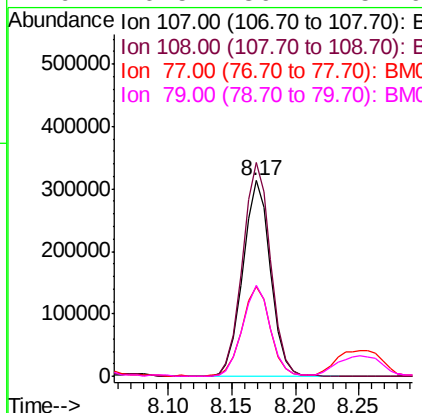
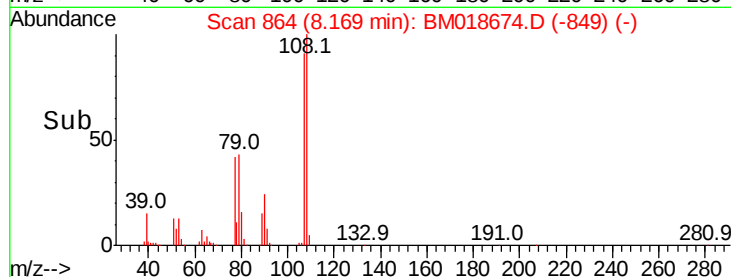
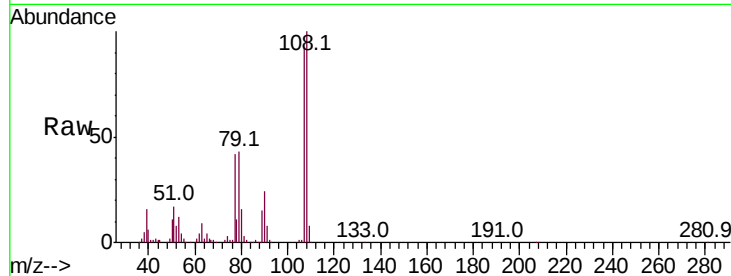
#17
2-Methylphenol
Concen: 46.684 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	87.5	131.3	
77	45.9	37.3	55.9	
79	46.5	36.4	54.6	

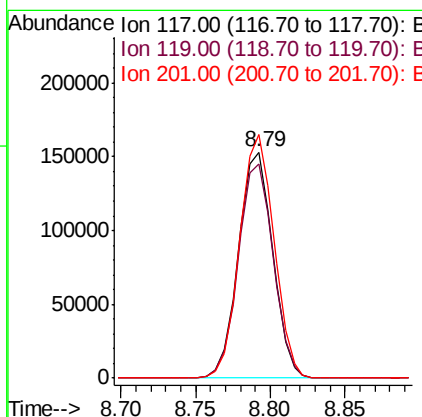
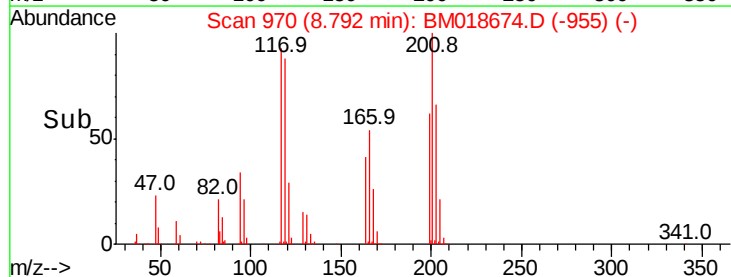
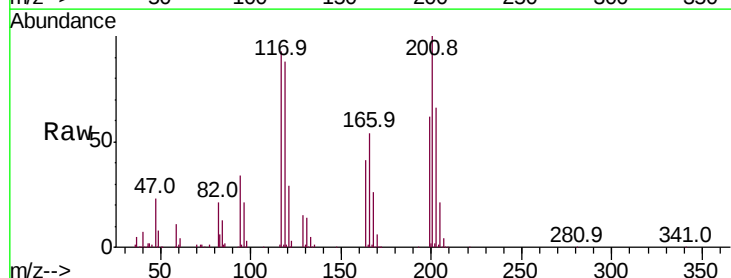
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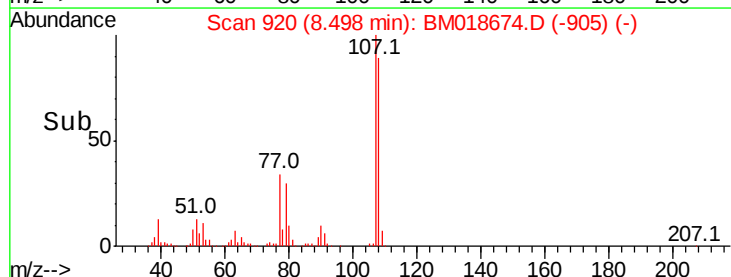
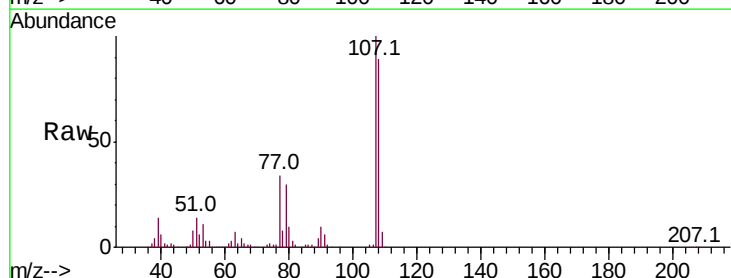
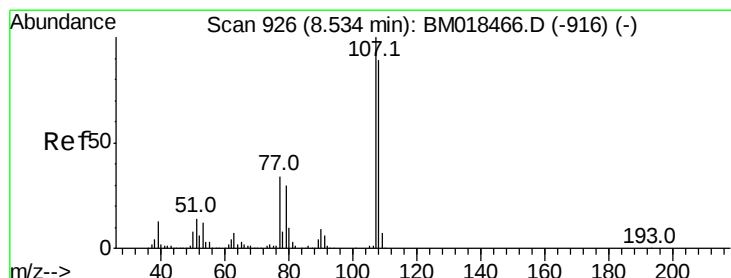
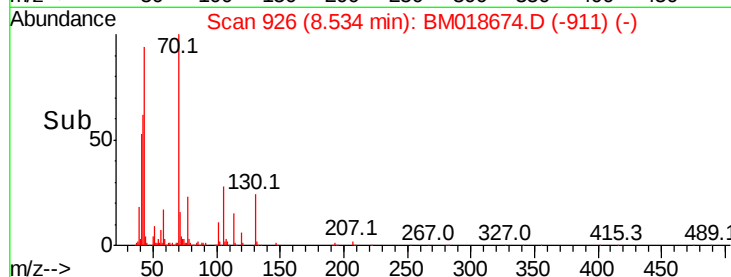
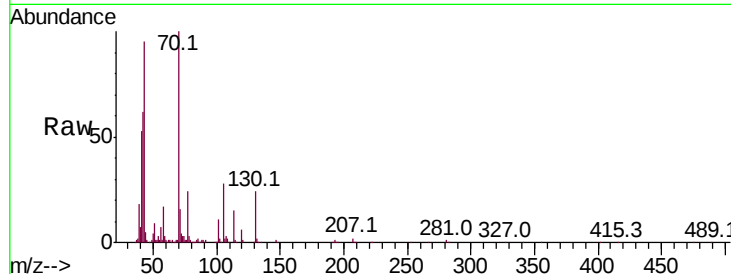
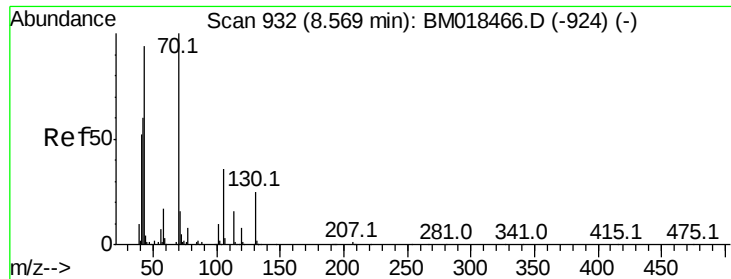
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#18
Hexachloroethane
Concen: 41.672 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

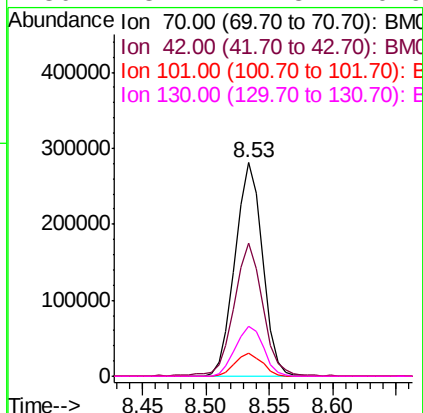
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	78.3	117.5	
201	107.9	81.4	122.0	





#19
n-Nitroso-di-n-propylamine
Concen: 43.875 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.1	54.0	81.0	
101	10.8	8.1	12.1	
130	23.7	17.8	26.6	



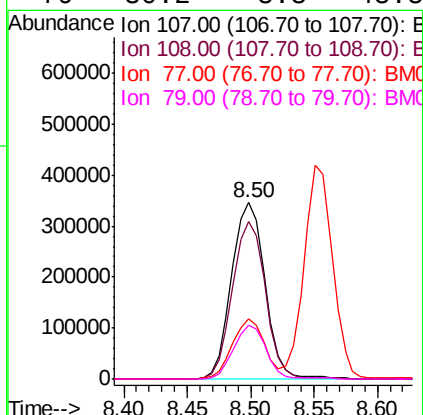
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

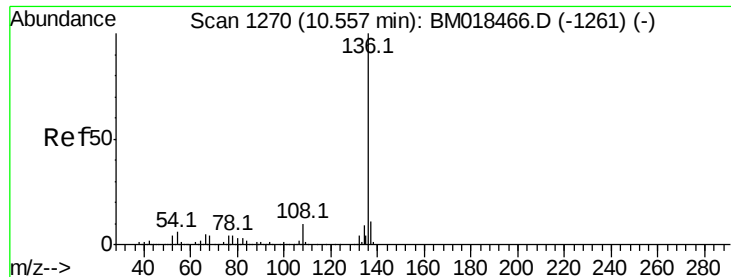
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#20
3+4-Methylphenols
Concen: 44.934 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	66.8	106.8	
77	34.0	13.3	53.3	
79	30.2	8.8	48.8	





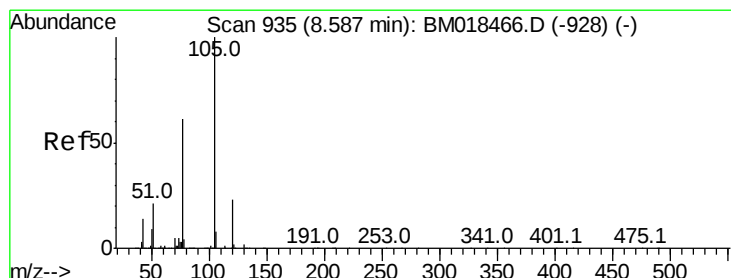
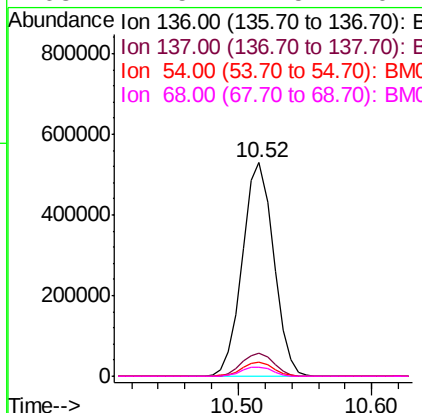
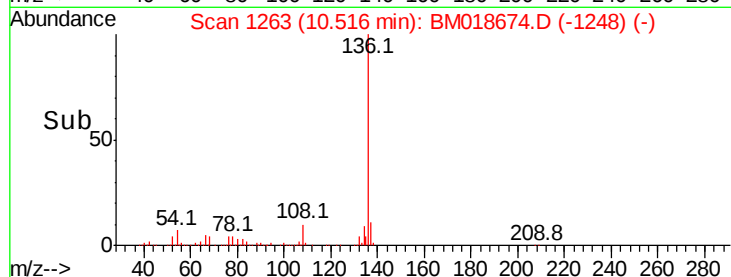
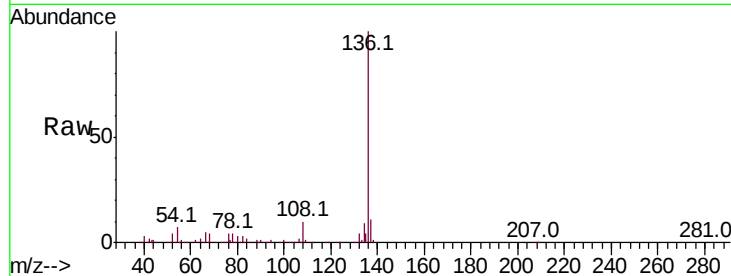
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	858194		
137	10.5		8.5	12.7
54	6.6		6.0	9.0
68	4.5		4.5	6.7#

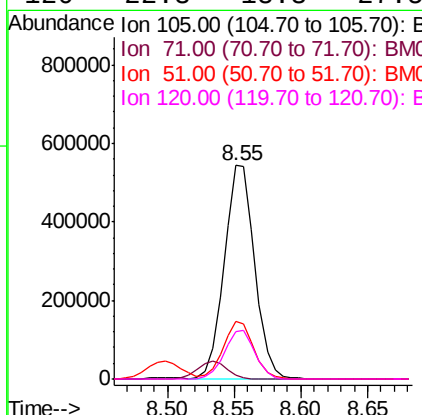
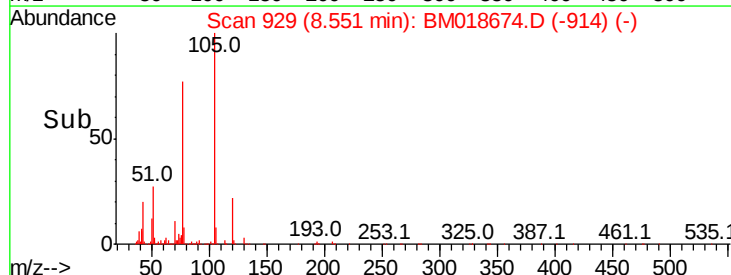
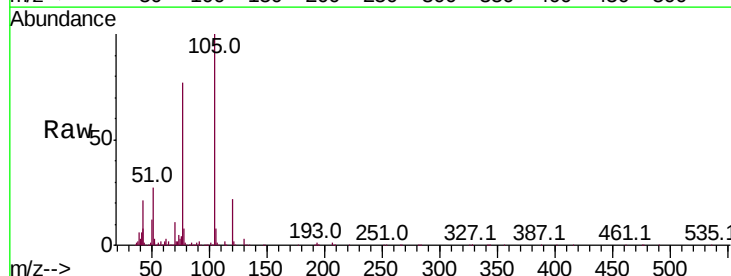
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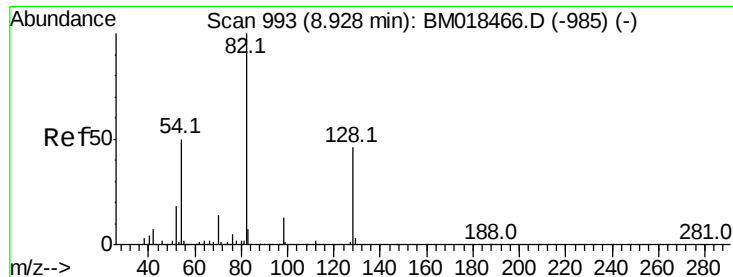
mohammad
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#22
Acetophenone
Concen: 40.747 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	865042		
71	1.8		1.7	2.5
51	26.9		22.6	34.0
120	22.3		18.3	27.5





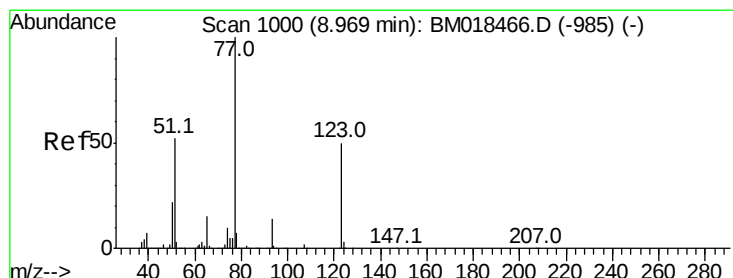
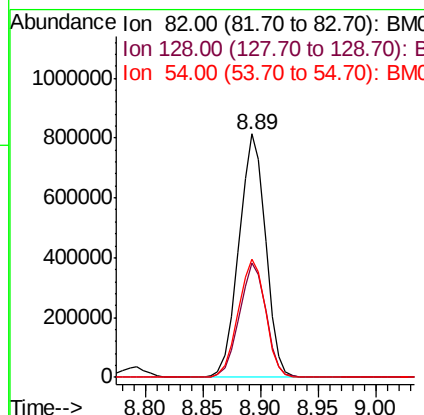
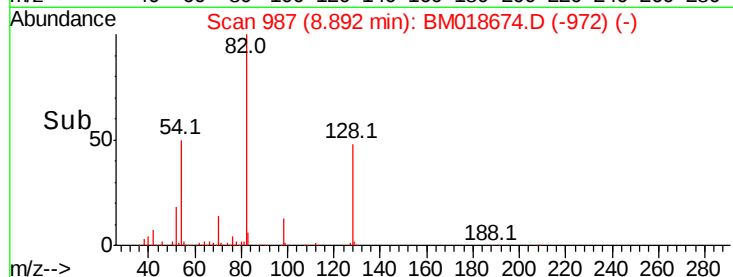
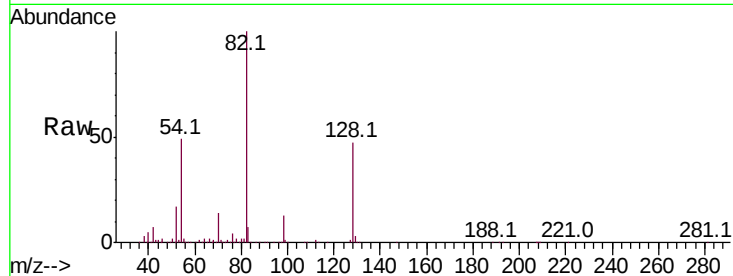
#23
Nitrobenzene-d5
Concen: 87.994 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	48.8	41.7	62.5

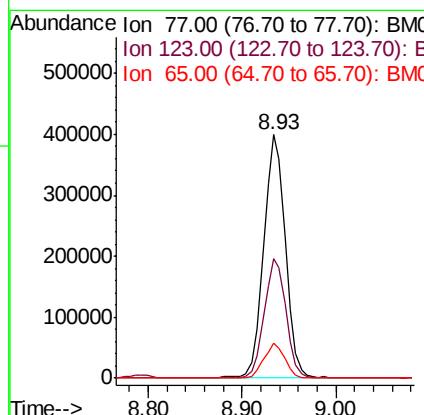
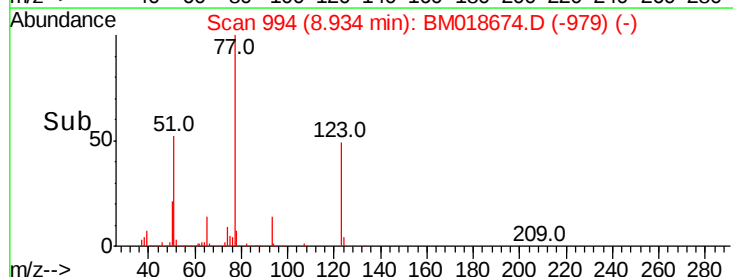
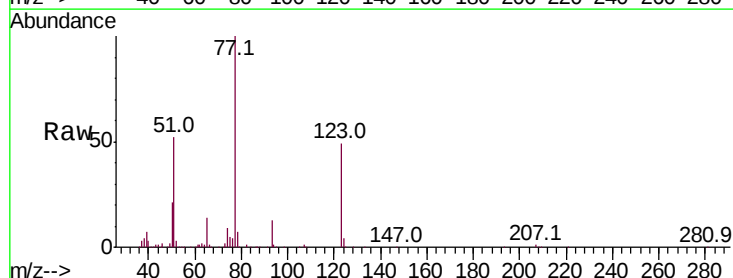
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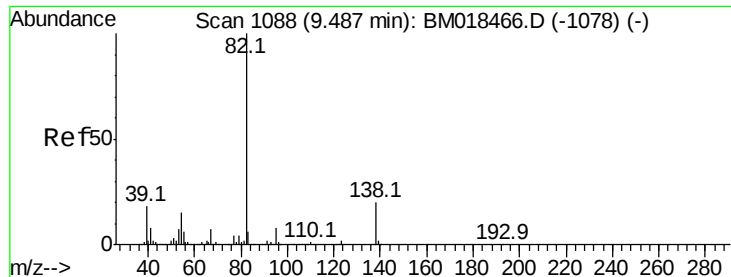
mohammad
1/29/2019 10:06:50 AM



#24
Nitrobenzene
Concen: 43.424 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.7	56.5
65	14.2	11.0	16.6





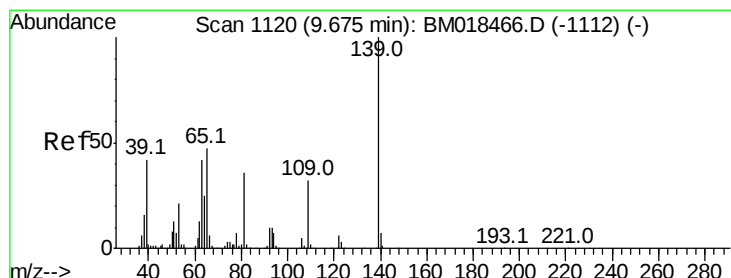
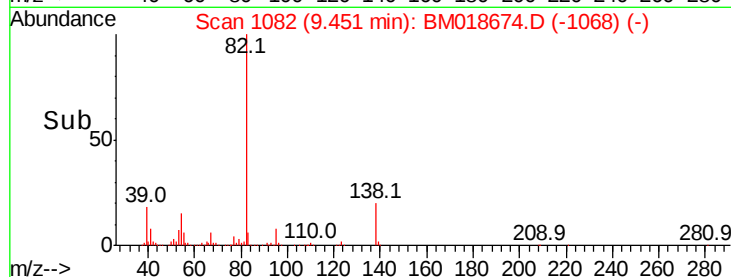
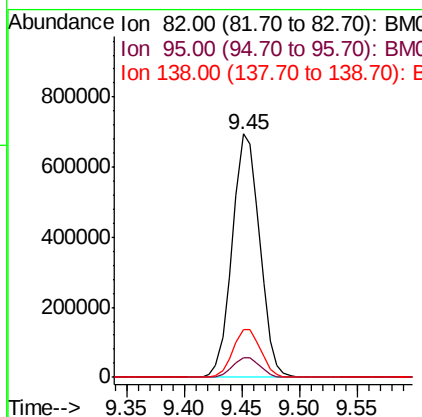
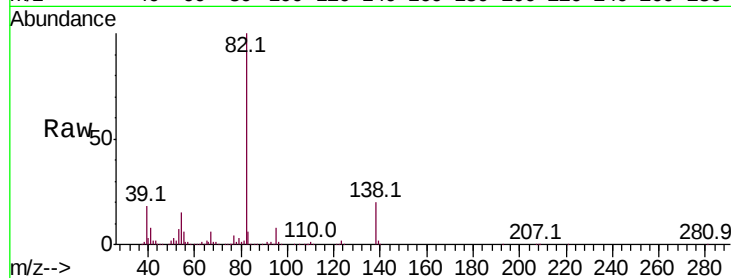
#25
Isophorone
Concen: 51.137 ng
RT: 9.45 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.1	9.1
138	19.8	15.1	22.7

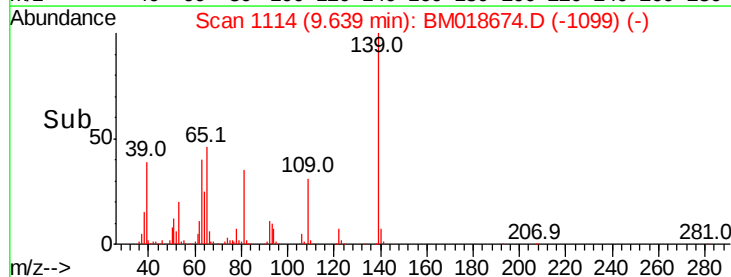
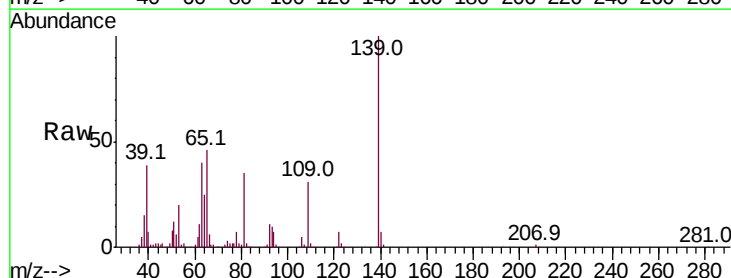
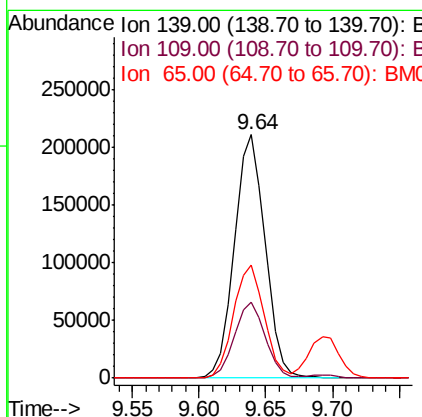
Manual Integrations
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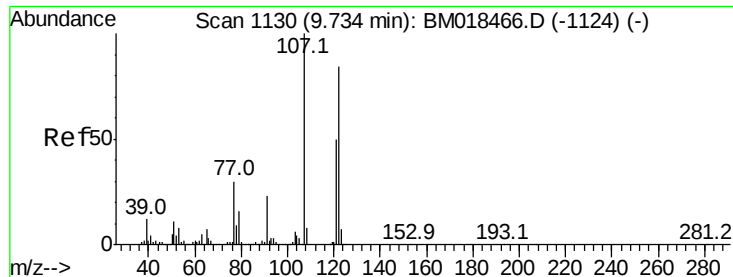
mohammad
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#26
2-Nitrophenol
Concen: 47.979 ng
RT: 9.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.1	23.4	35.2
65	46.2	39.4	59.2





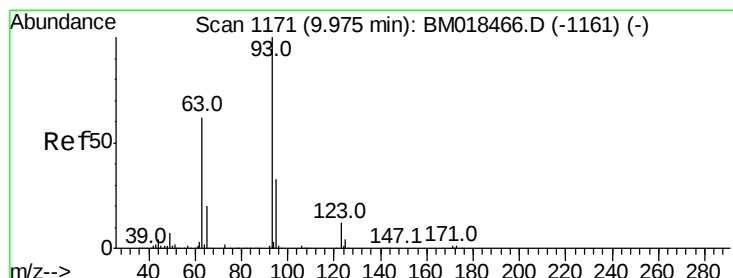
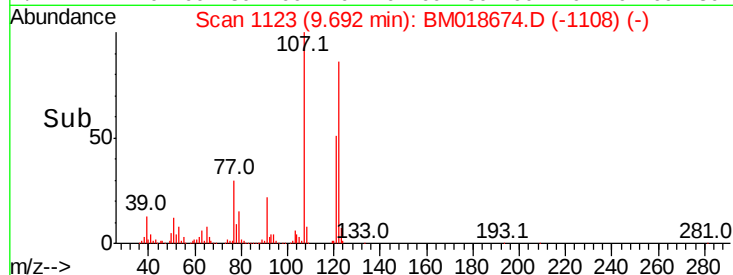
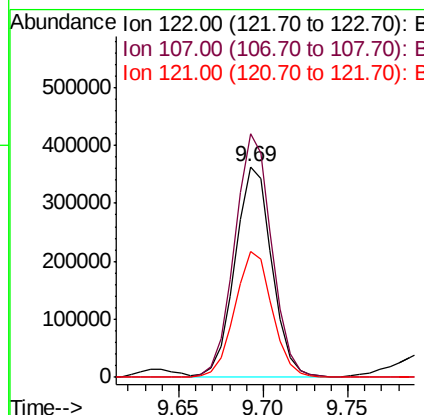
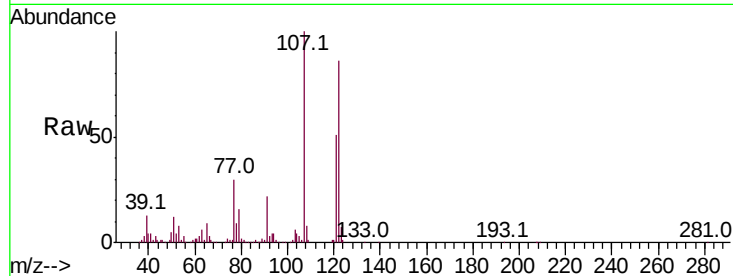
#27
2,4-Dimethylphenol
Concen: 51.694 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.9	137.9
121	59.6	47.5	71.3

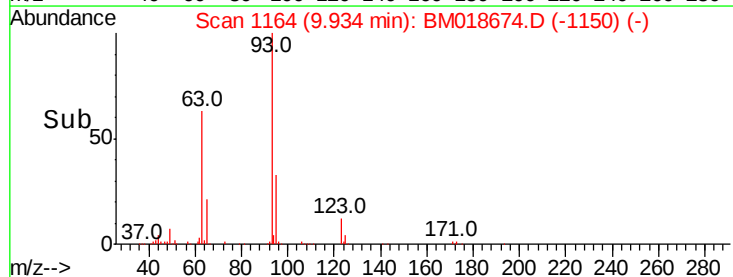
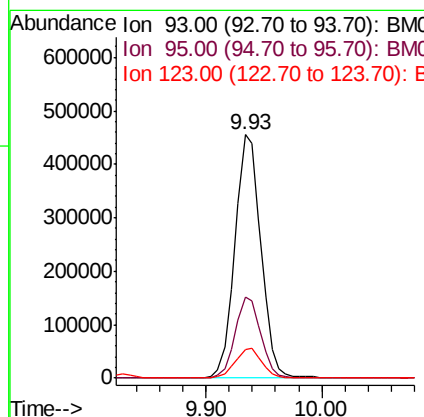
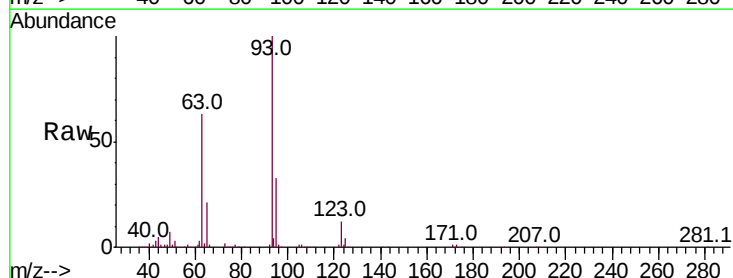
Manual Integrations
APPROVED

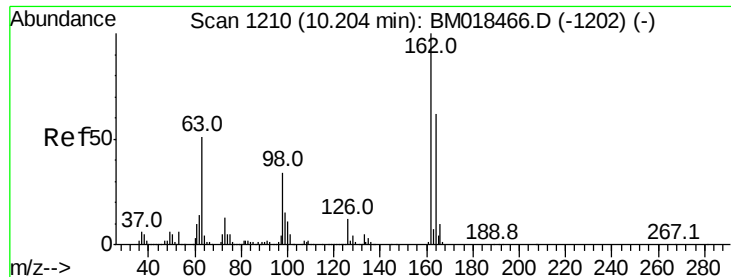
mohammad
1/29/2019 10:06:50 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.798 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	11.8	9.9	14.9





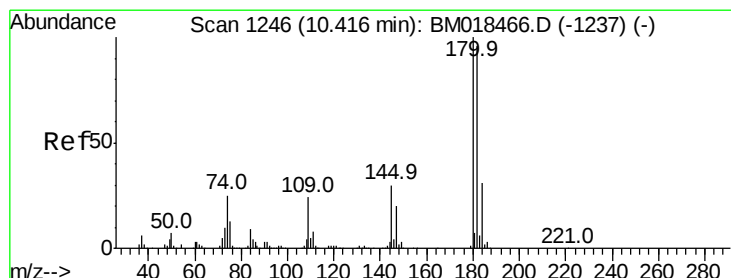
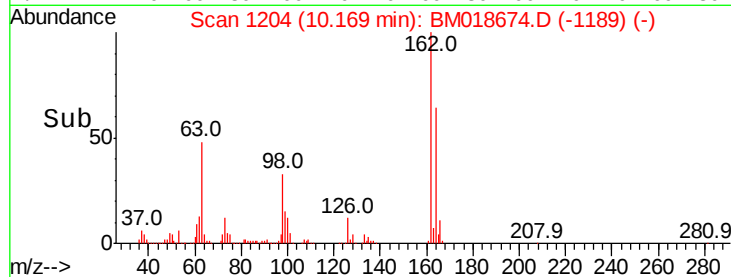
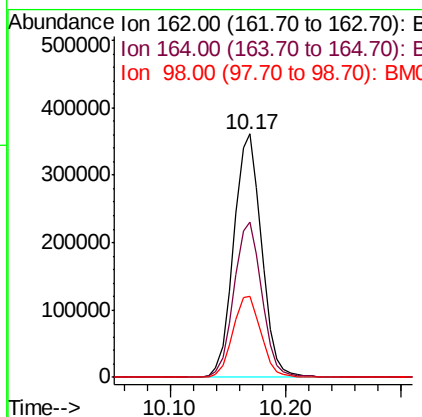
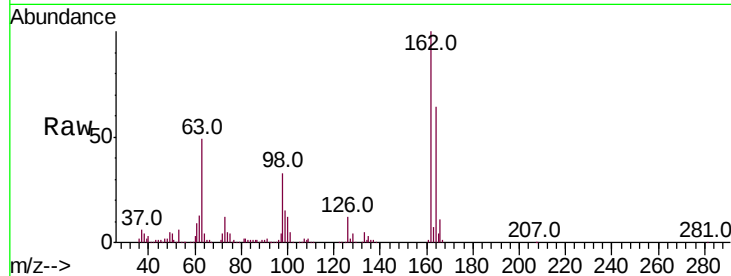
#29
 2,4-Dichlorophenol
 Concen: 47.898 ng
 RT: 10.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	602115		
164	63.6	45.6	85.6	
98	33.3	14.7	54.7	

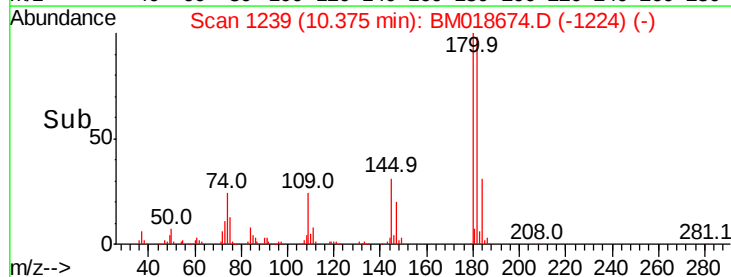
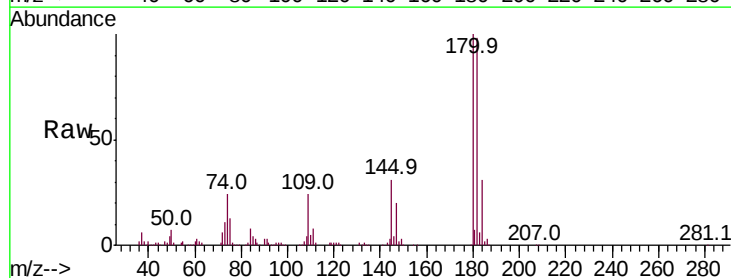
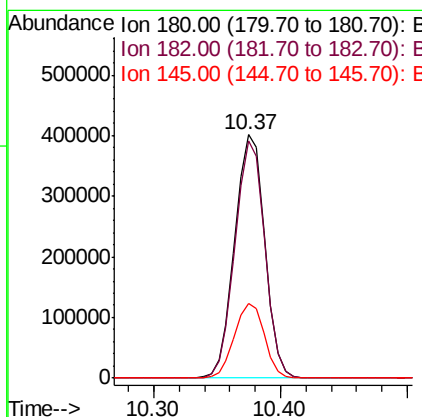
Manual Integrations
 APPROVED

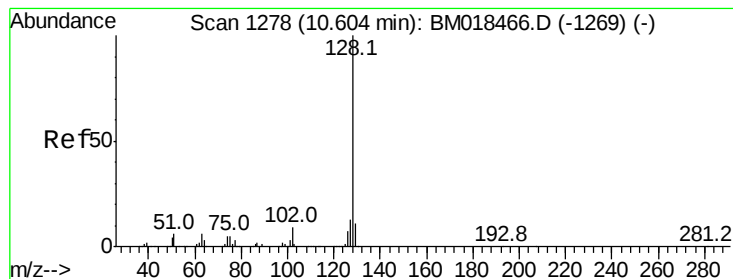
mohammad
 1/29/2019 10:06:50 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.308 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	660135		
182	97.6	77.4	116.2	
145	30.8	24.6	37.0	





#31

Naphthalene

Concen: 46.328 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

Tot Ion:128 Resp: 1914760

Ion Ratio Lower Upper

128 100

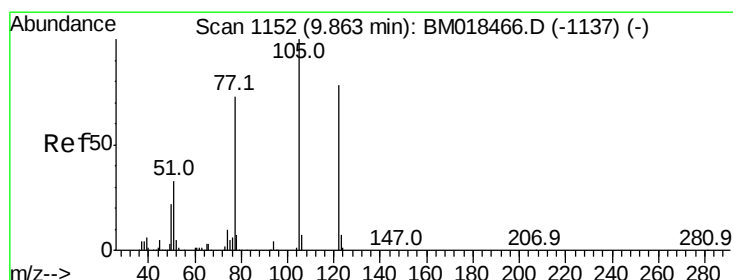
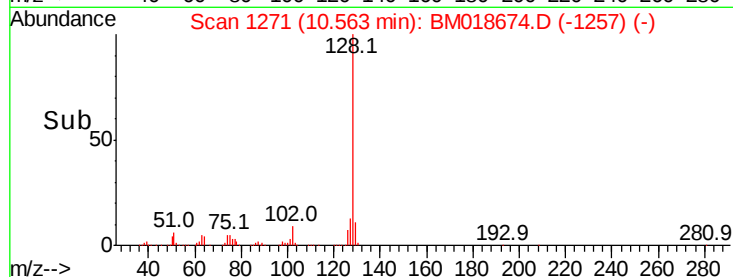
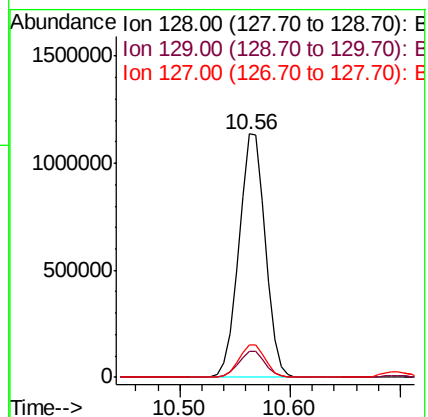
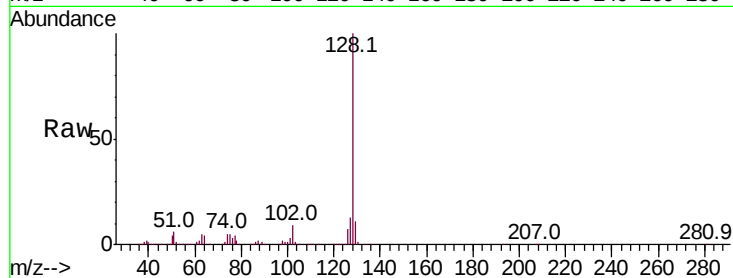
129 10.9 8.7 13.1

127 13.4 10.8 16.2

Manual Integrations
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#32

Benzoic acid

Concen: 38.861 ng m

RT: 9.83 min Scan# 1146

Delta R.T. -0.04 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

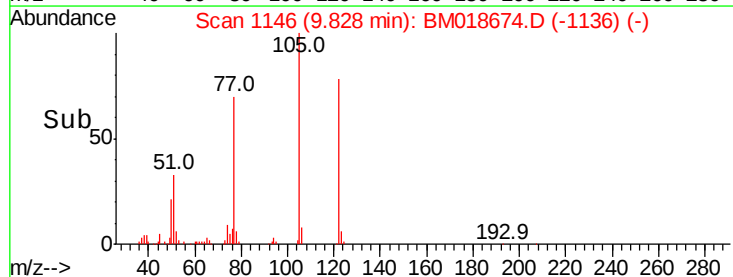
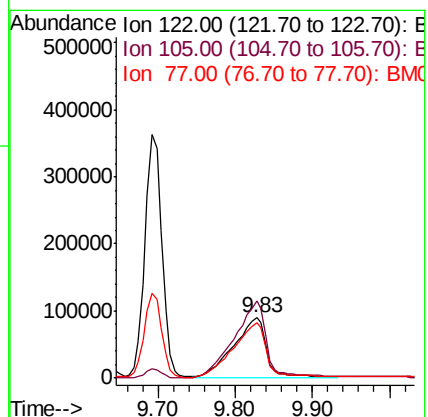
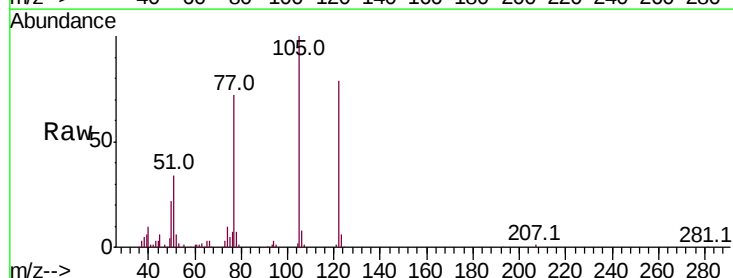
Tgt Ion:122 Resp: 266040

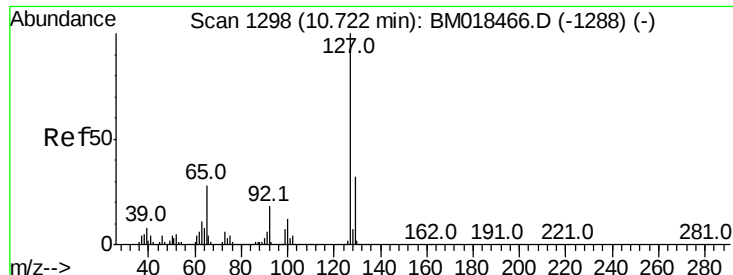
Ion Ratio Lower Upper

122 100

105 127.1 100.4 140.4

77 91.4 71.7 111.7





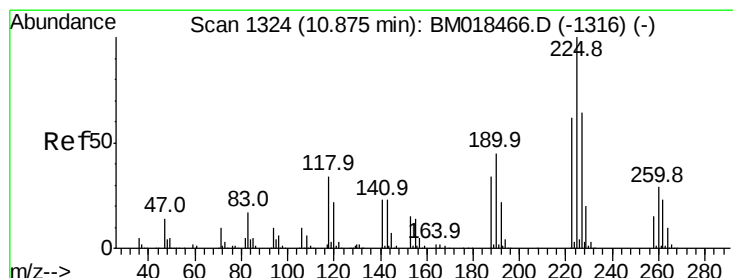
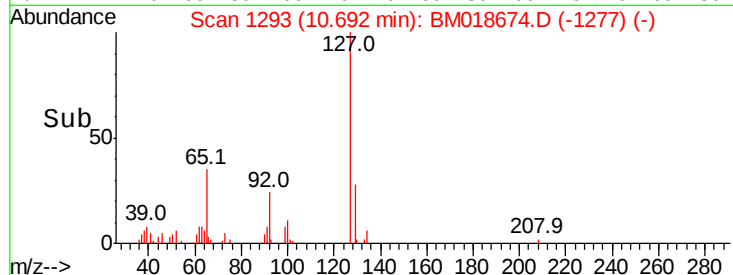
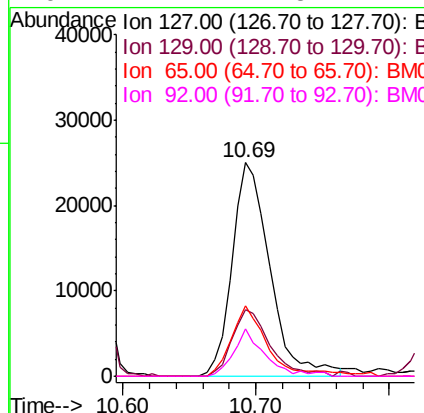
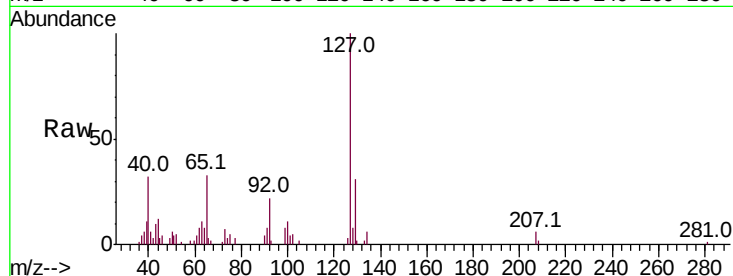
#33
4-Chloroaniline
Concen: 3.033 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.0	25.9	38.9	
65	32.9	23.4	35.2	
92	22.4	14.5	21.7	

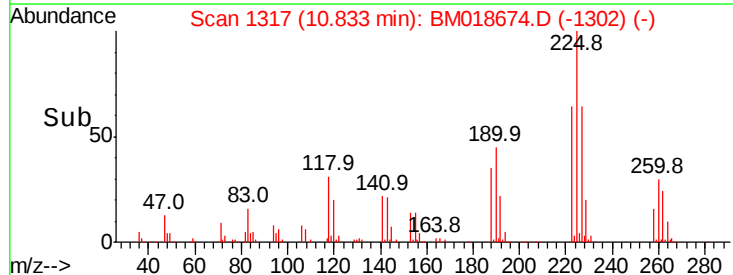
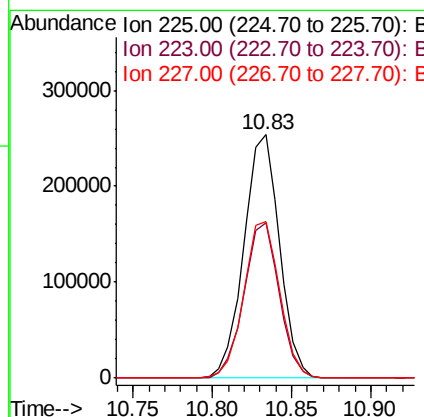
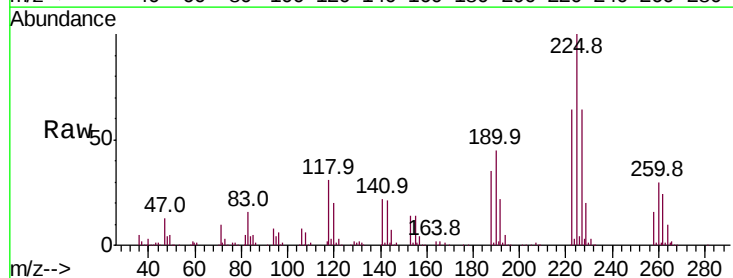
Manual Integrations
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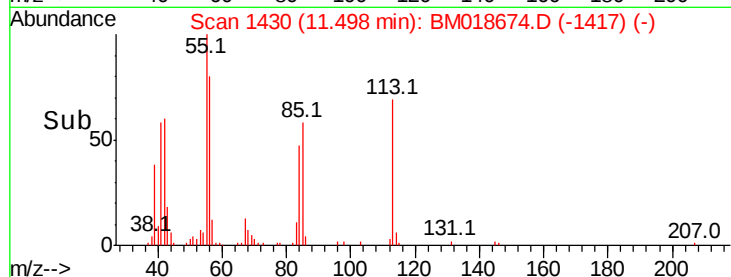
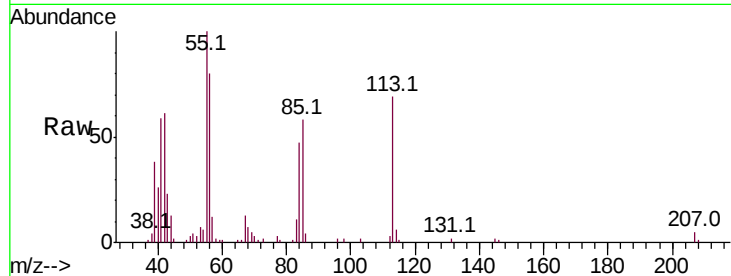
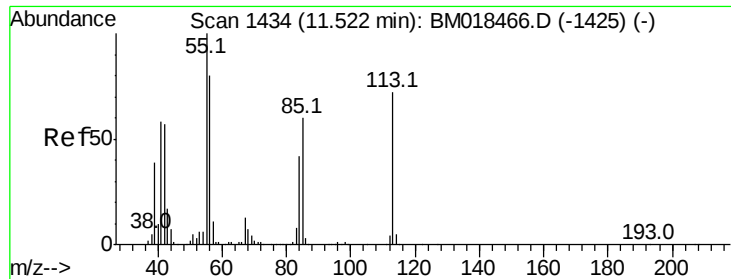
mohammad
1/29/2019 10:06:50 AM



#34
Hexachlorobutadiene
Concen: 40.296 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.8	76.2	
227	64.1	50.4	75.6	





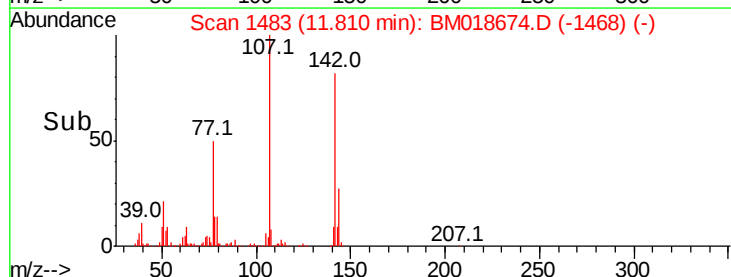
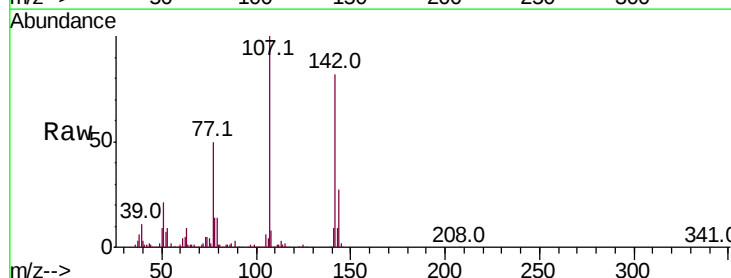
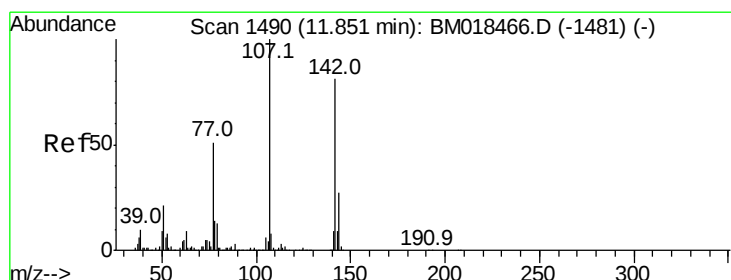
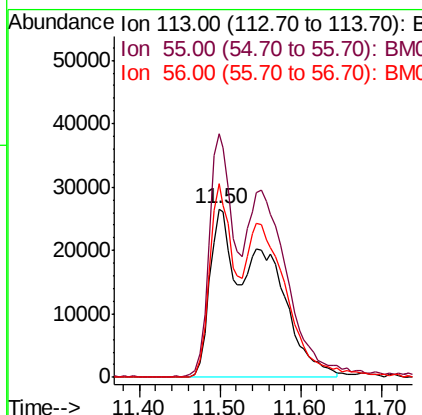
#35
Caprolactam
Concen: 29.870 ng/ml
RT: 11.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.3	139.3	179.3
56	115.2	101.4	141.4

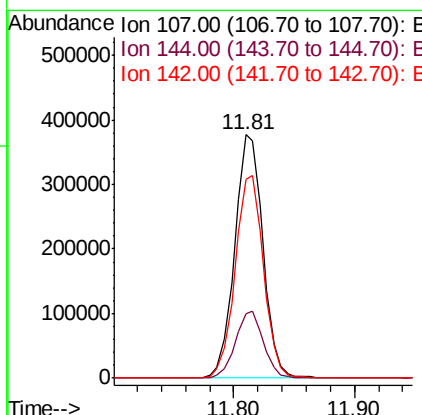
Manual Integrations
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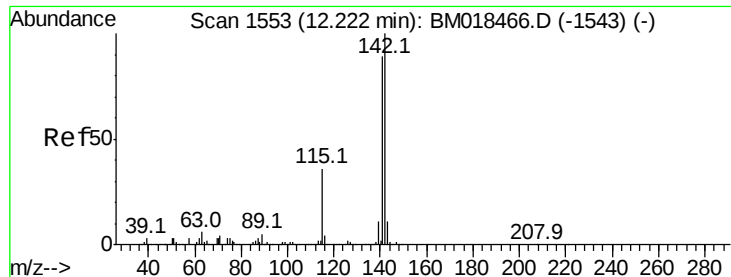
mohammad
1/29/2019 10:06:50 AM



#36
4-Chloro-3-methylphenol
Concen: 46.674 ng/ml
RT: 11.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.9	32.9
142	81.7	67.9	101.9





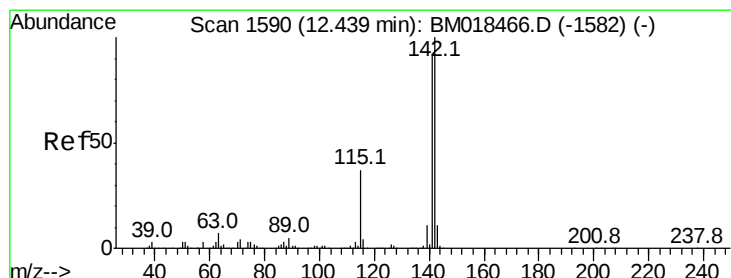
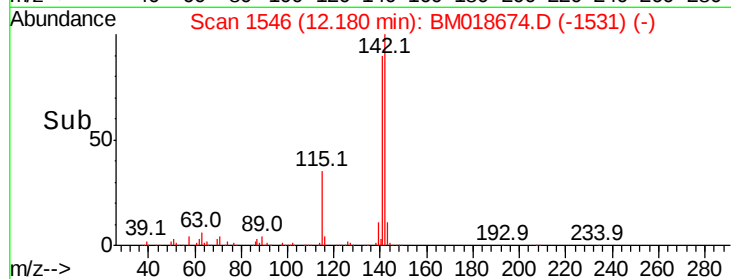
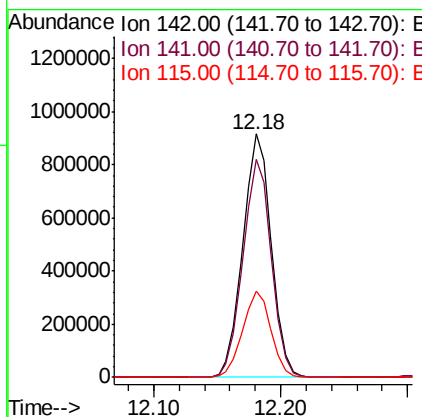
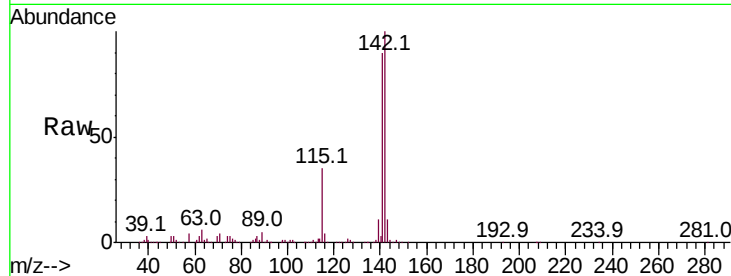
#37
2-Methylnaphthalene
Concen: 48.704 ng
RT: 12.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	35.4	28.0	42.0

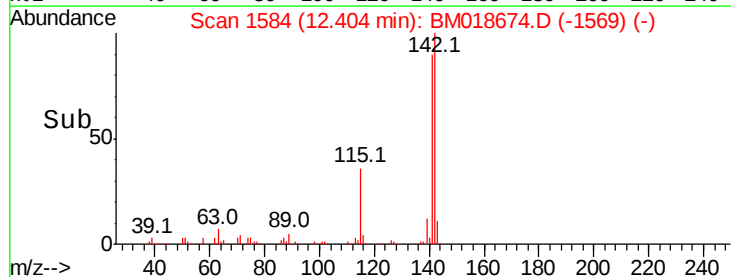
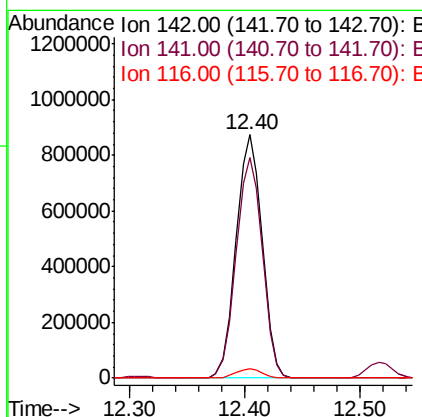
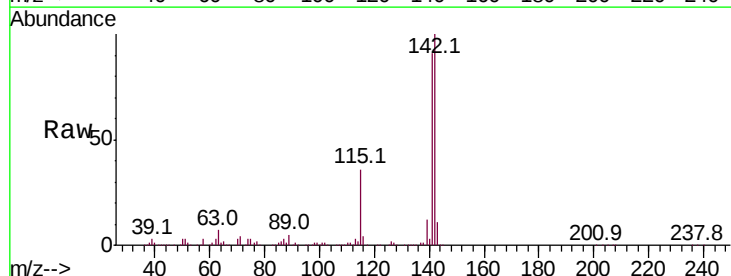
Manual Integrations
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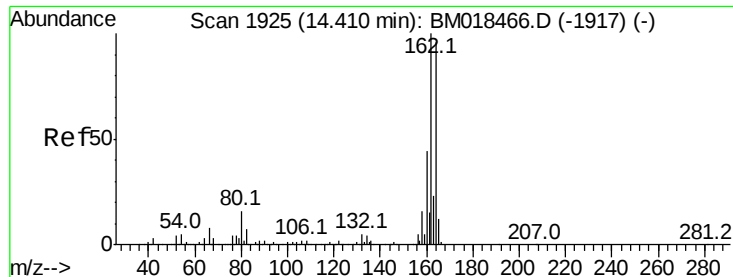
mohammad
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#38
1-Methylnaphthalene
Concen: 48.155 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	75.6	113.4
116	3.9	3.0	4.6





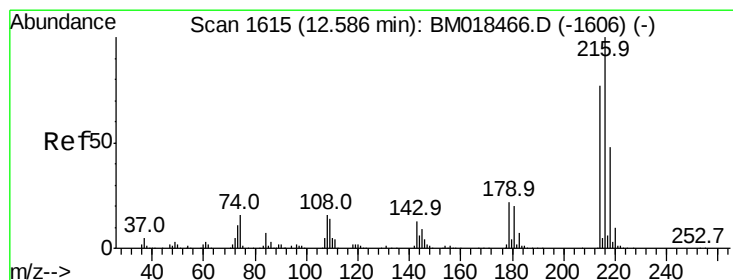
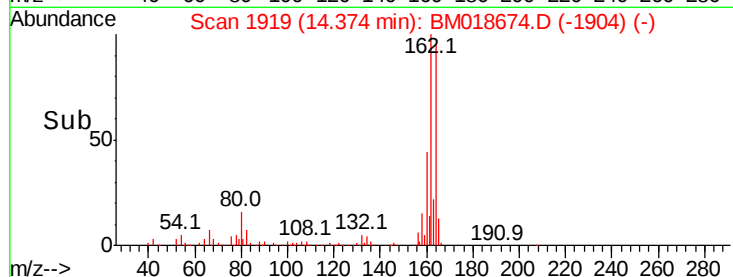
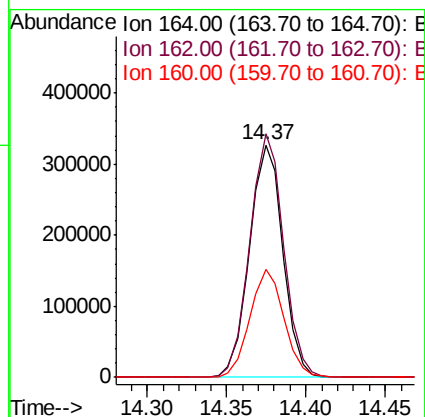
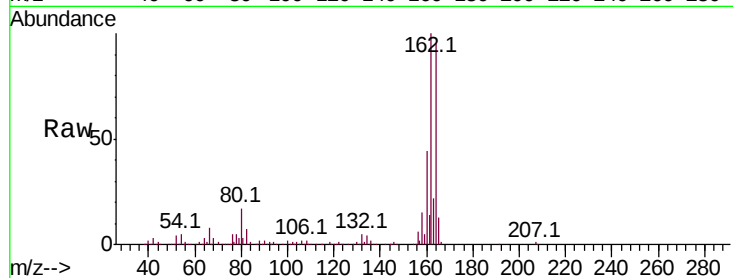
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	46.3	37.1	55.7

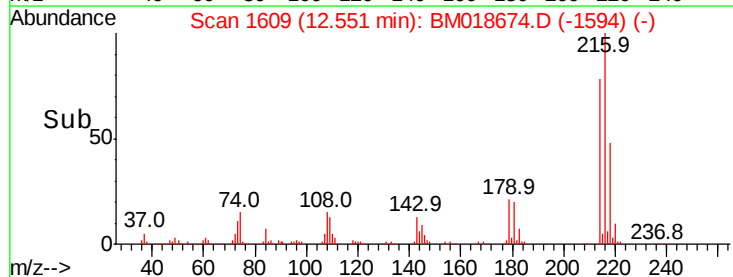
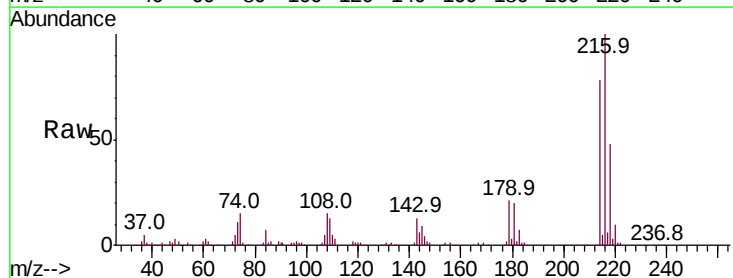
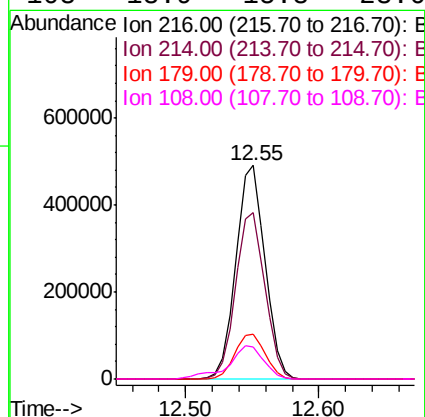
Manual Integrations
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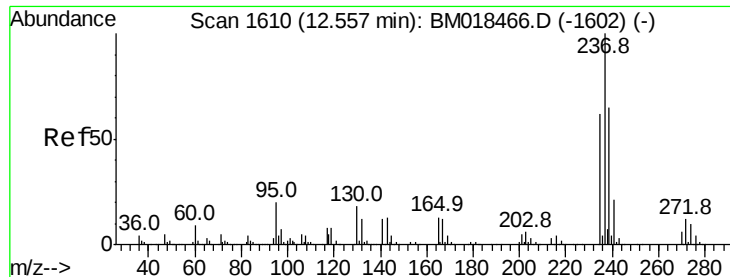
mohammad
1/29/2019 10:06:50 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.423 ng
RT: 12.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.0
179	21.7	17.9	26.9
108	18.9	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 78.988 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

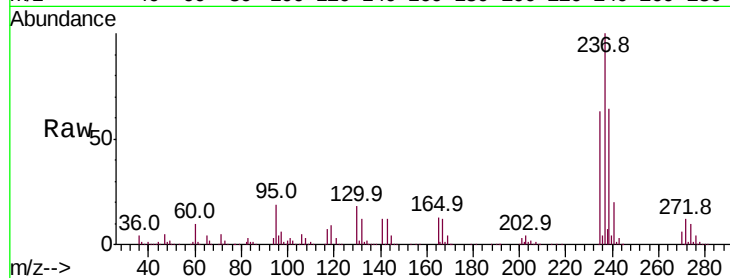
ClientSampleId :

OR-01-012519-AMSD

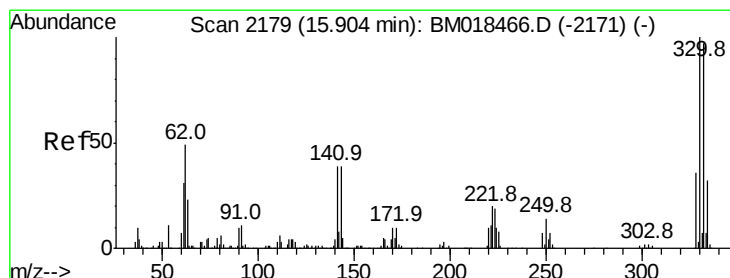
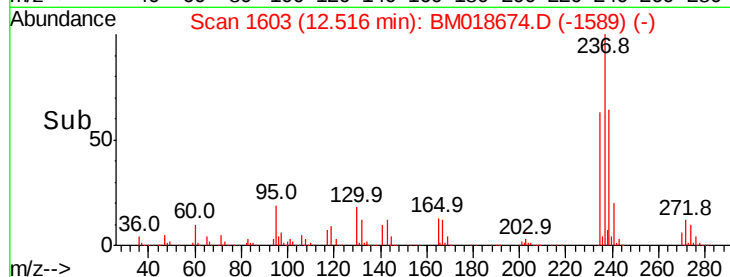
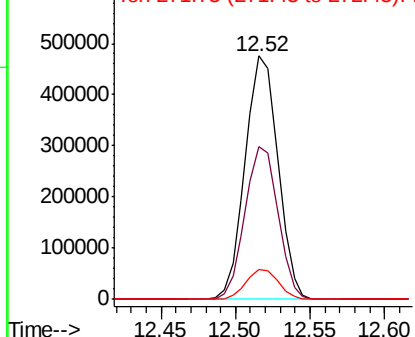
Tot Ion:	237	Resp:	724470
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.8	82.8
272	12.1	0.0	31.9

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



#42

2,4,6-Tribromophenol

Concen: 147.064 ng

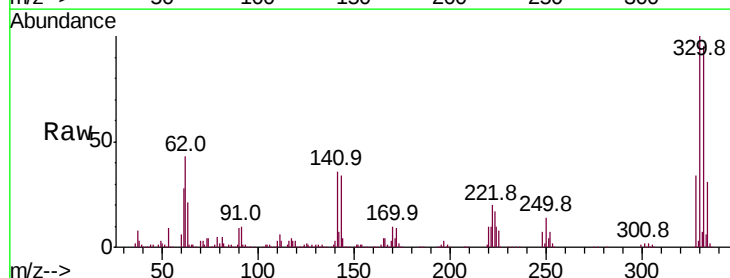
RT: 15.87 min Scan# 2174

Delta R.T. -0.01 min

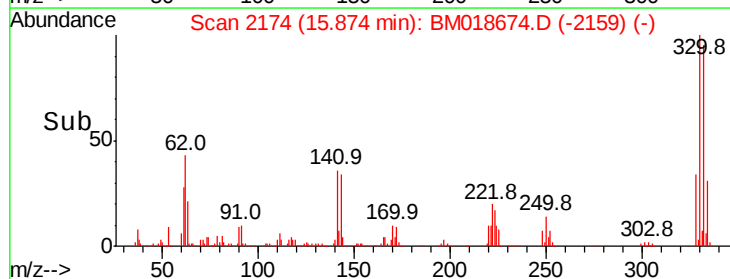
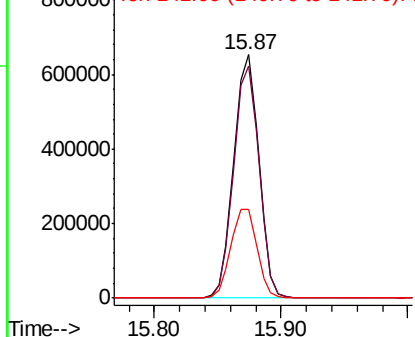
Lab File: BM018674.D

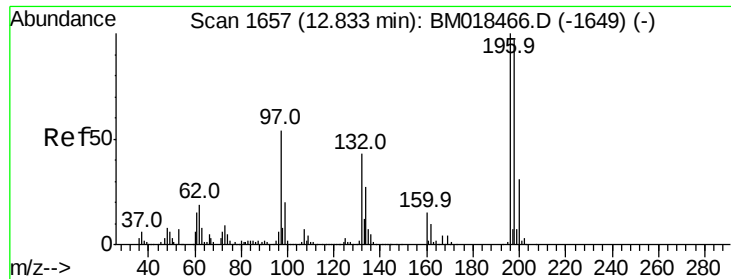
Acq: 28 Jan 2019 21:09

Tgt Ion:	330	Resp:	894879
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.6	116.4
141	38.0	31.7	47.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





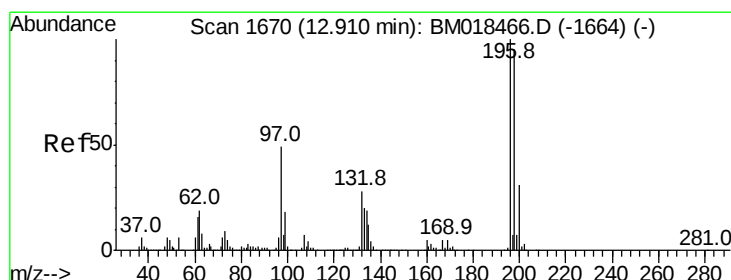
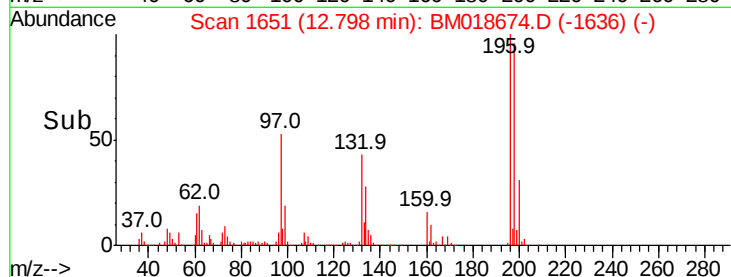
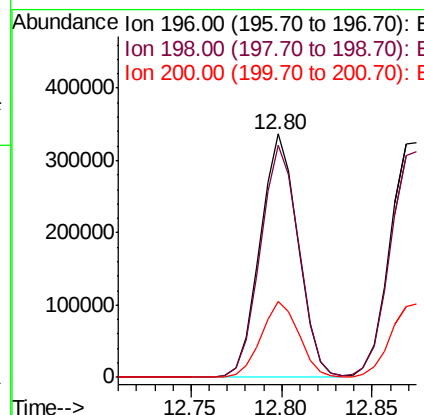
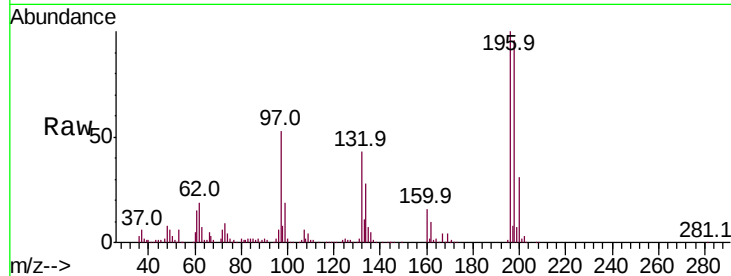
#43
 2,4,6-Trichlorophenol
 Concen: 48.249 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	489648		
198	95.6	76.6	115.0	
200	31.3	24.2	36.4	

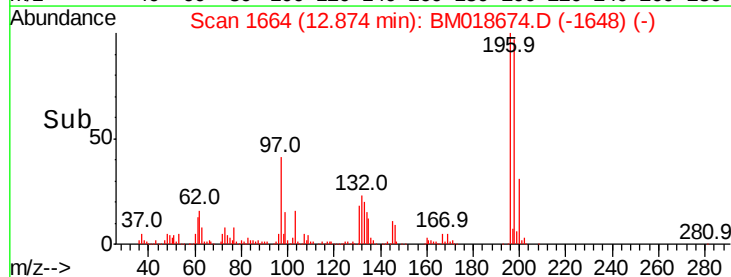
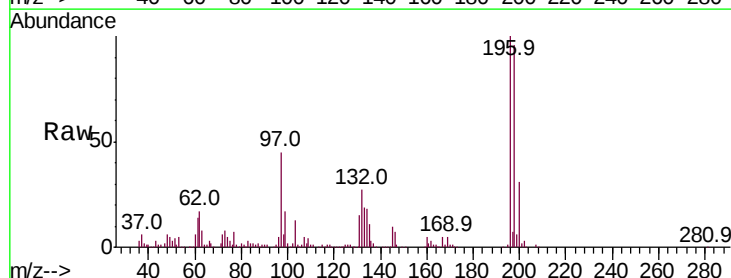
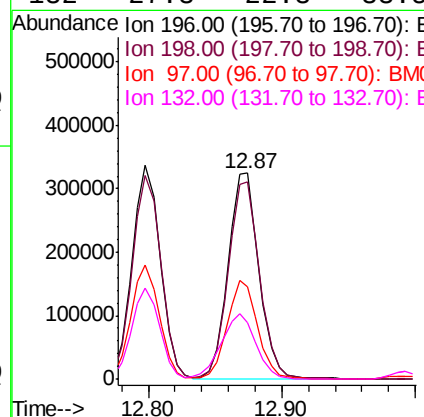
Manual Integrations
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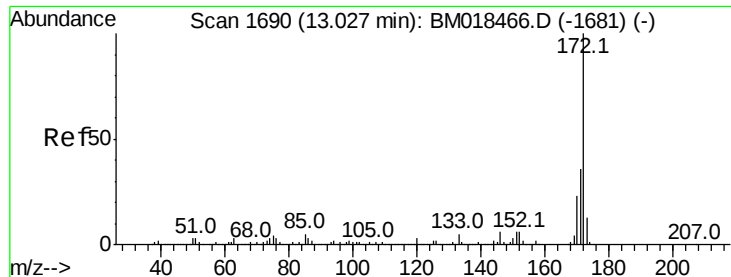
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.061 ng
 RT: 12.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	523634		
198	96.0	76.7	115.1	
97	45.0	39.2	58.8	
132	27.3	22.3	33.5	





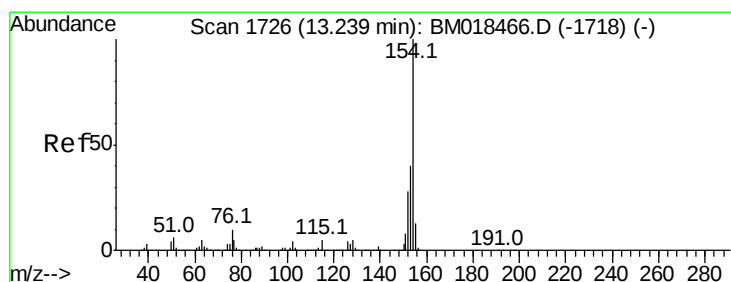
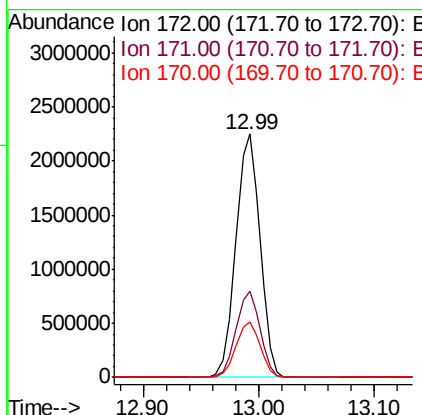
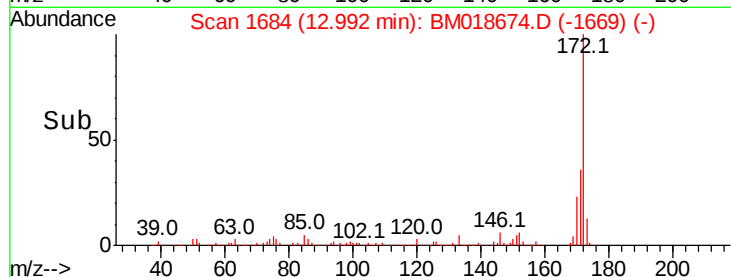
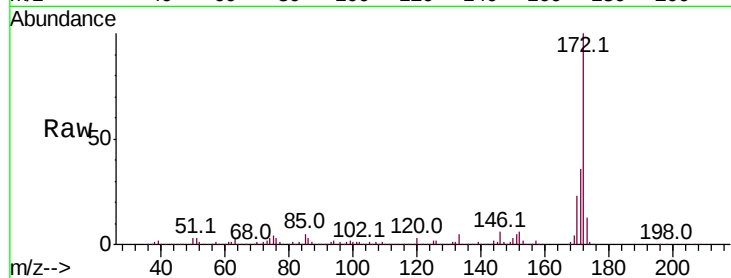
#45
2-Fluorobiphenyl
Concen: 88.712 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	22.9	18.9	28.3

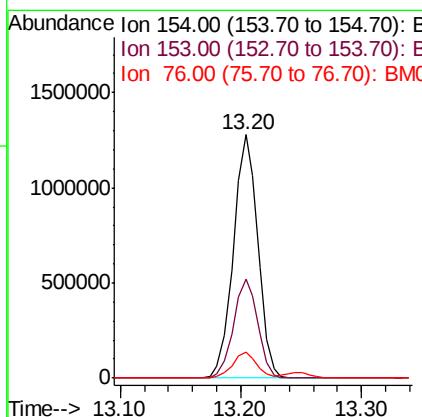
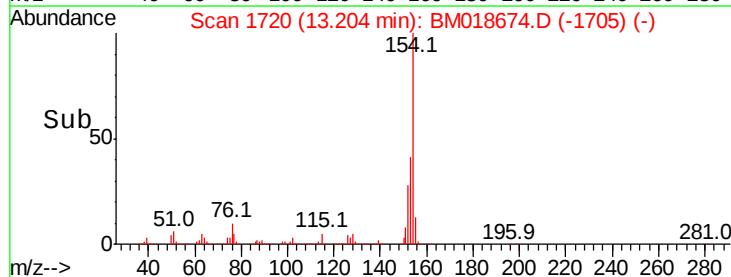
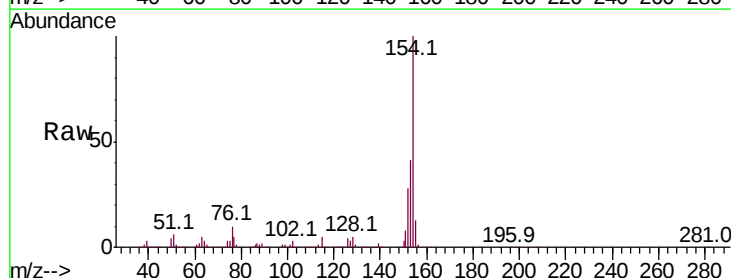
Manual Integrations
APPROVED

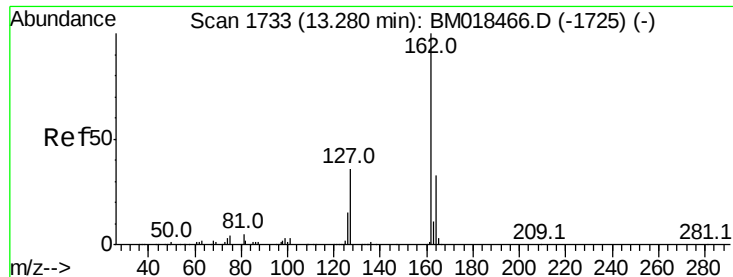
mohammad
1/29/2019 10:06:50 AM



#46
1,1'-Biphenyl
Concen: 43.106 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	10.5	0.0	31.9





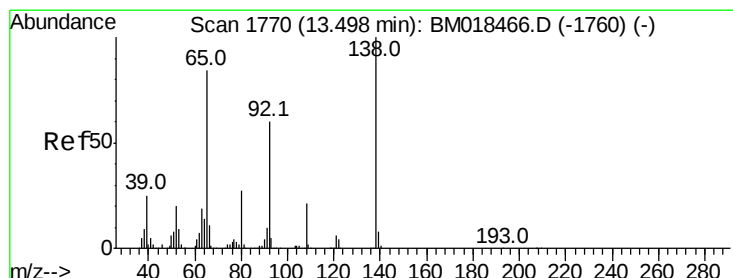
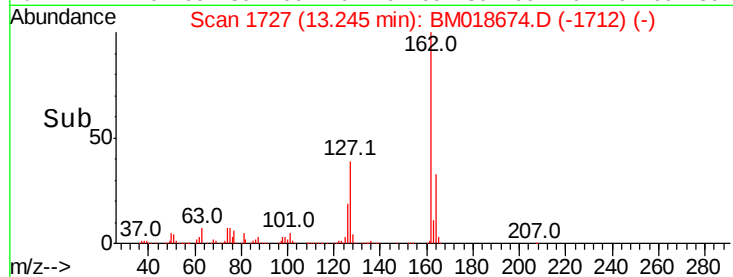
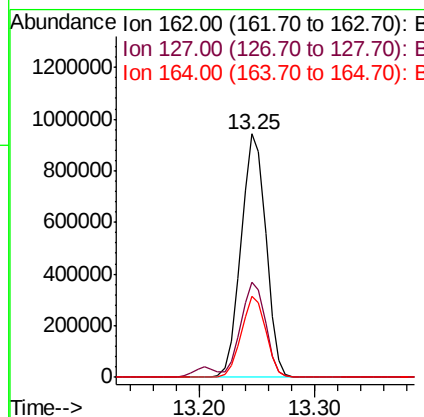
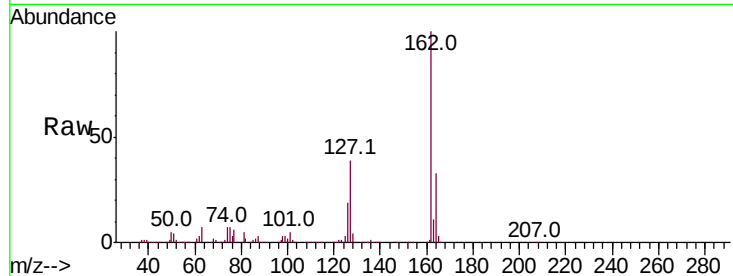
#47
2-Chloronaphthalene
Concen: 43.538 ng
RT: 13.25 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.4	47.0
164	33.2	26.2	39.4

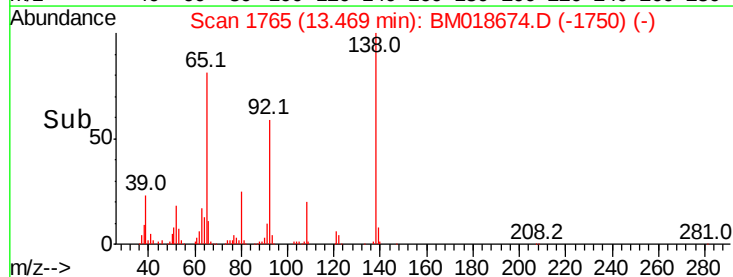
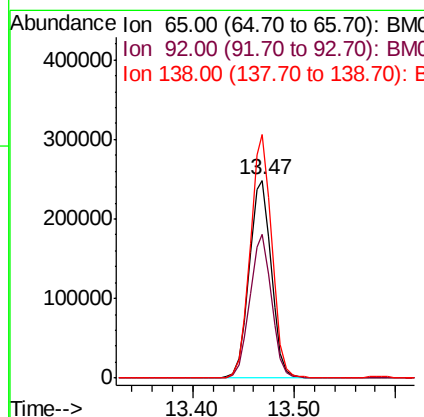
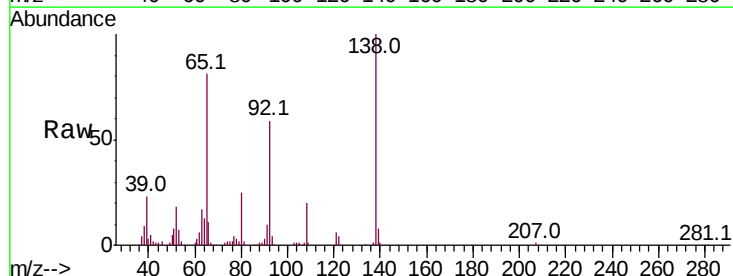
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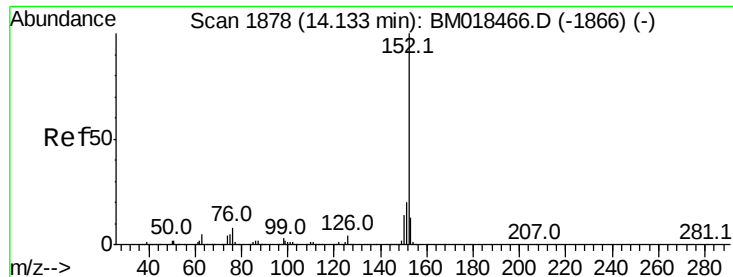
mohammad
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#48
2-Nitroaniline
Concen: 47.169 ng
RT: 13.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	53.4	80.2
138	122.9	88.9	133.3





#49

Acenaphthylene

Concen: 48.326 ng

RT: 14.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

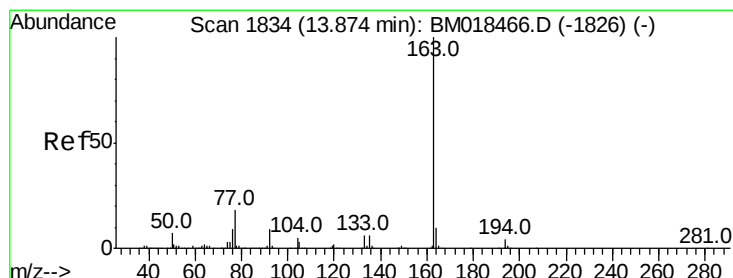
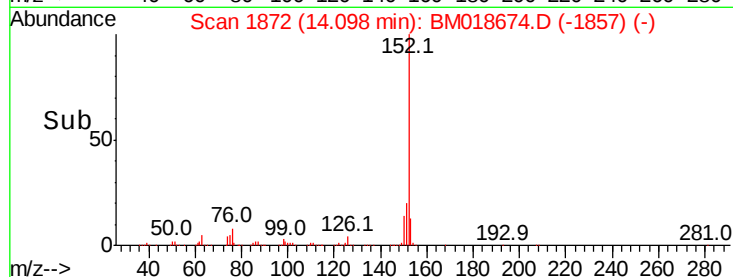
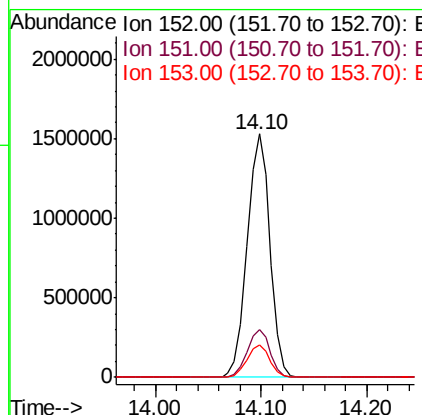
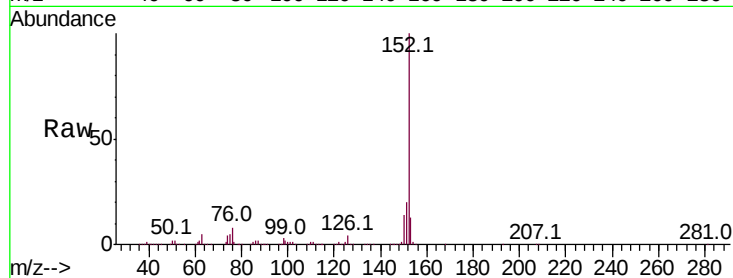
ClientSampleId :

OR-01-012519-AMSD

Tot Ion:	152	Resp:	2278840
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.1	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.453 ng

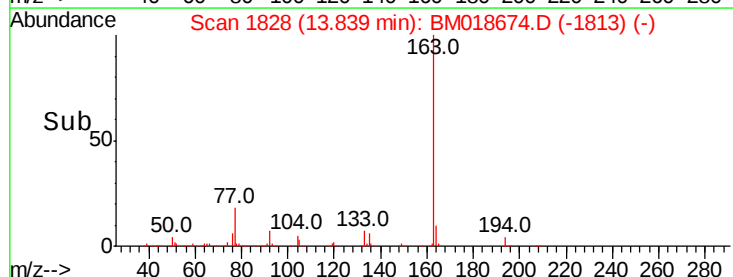
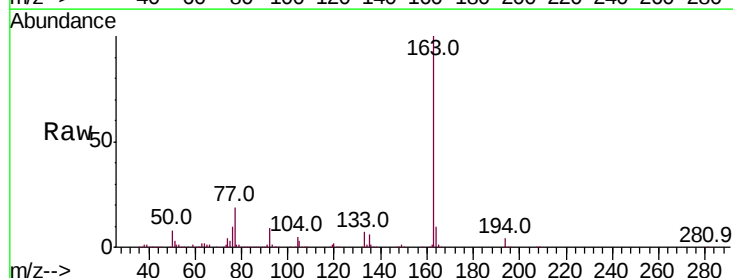
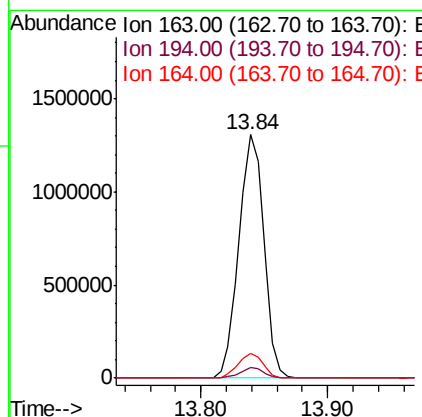
RT: 13.84 min Scan# 1828

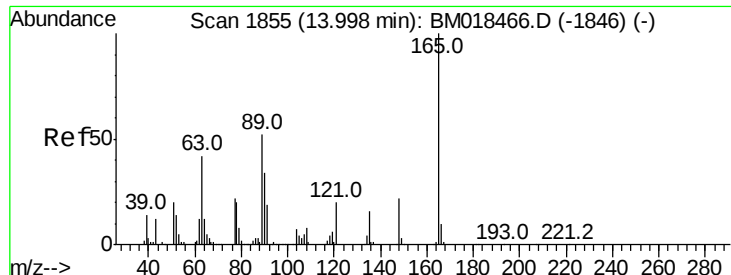
Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Tgt Ion:	163	Resp:	1783966
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.0	7.8	11.8





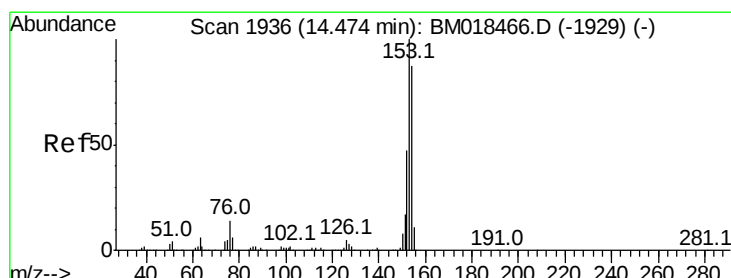
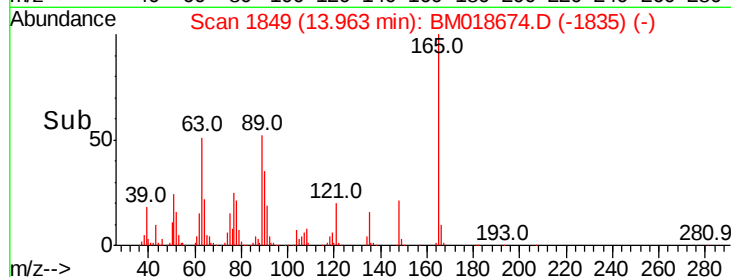
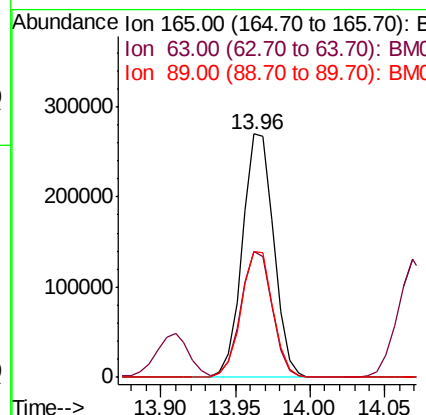
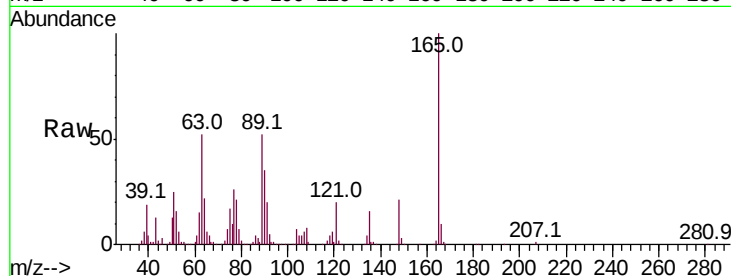
#51
2,6-Dinitrotoluene
Concen: 47.151 ng
RT: 13.96 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	392001		
63	51.6	45.6	68.4	
89	51.7	44.6	66.8	

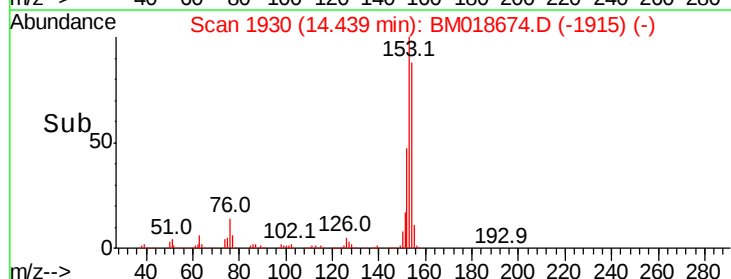
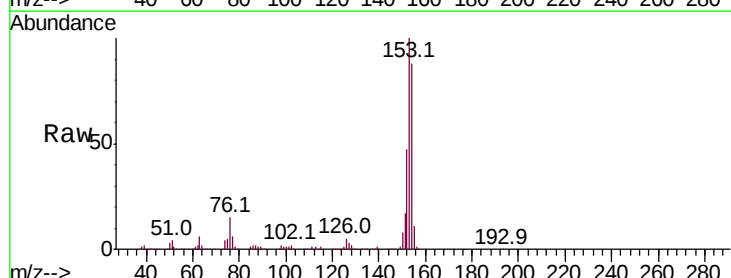
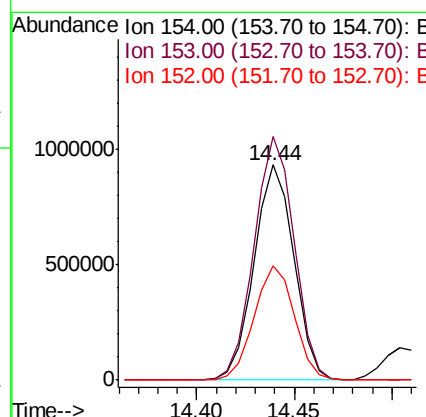
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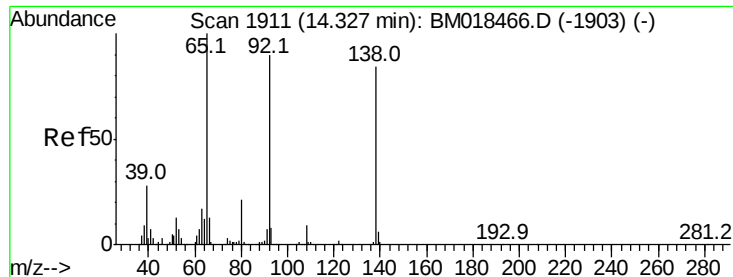
mohammad
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#52
Acenaphthene
Concen: 45.795 ng
RT: 14.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1321324		
153	113.1	92.3	138.5	
152	53.1	43.8	65.6	





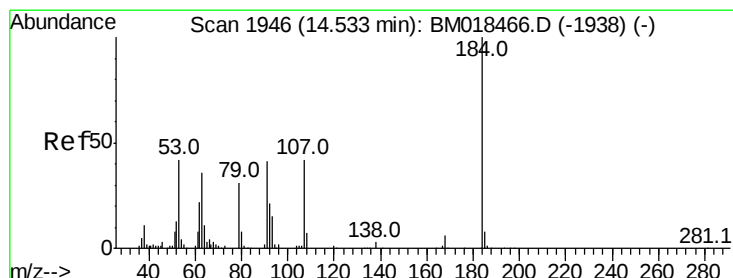
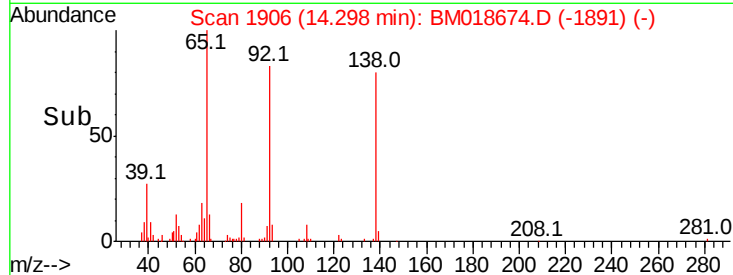
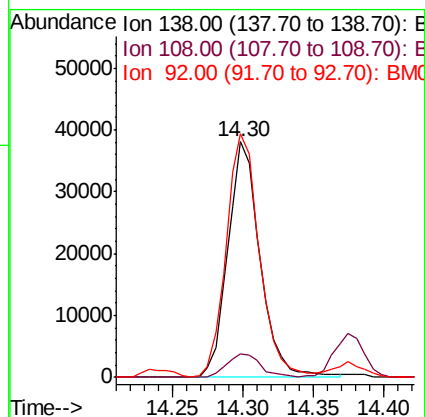
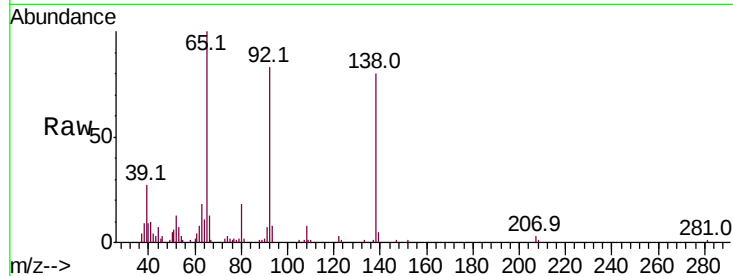
#53
3-Nitroaniline
Concen: 7.223 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	103.4	88.2	132.2

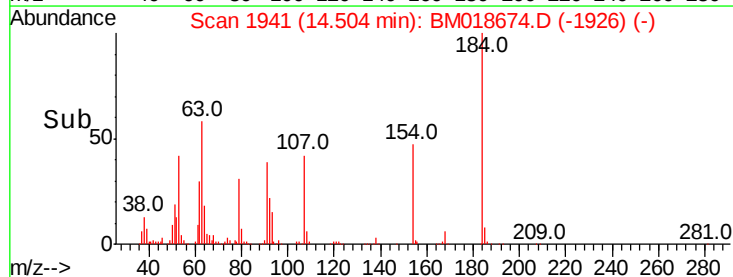
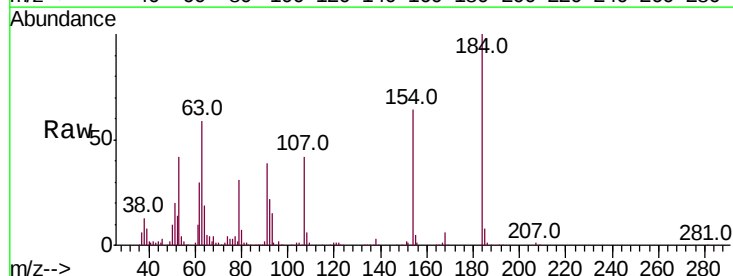
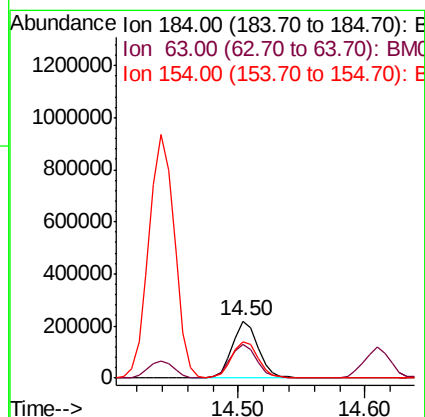
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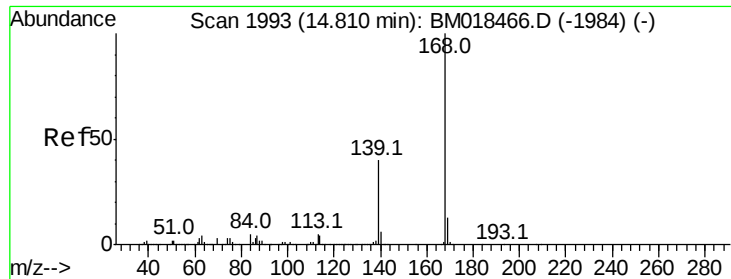
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#54
2,4-Dinitrophenol
Concen: 70.365 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.3	55.9	83.9
154	63.7	54.2	81.4





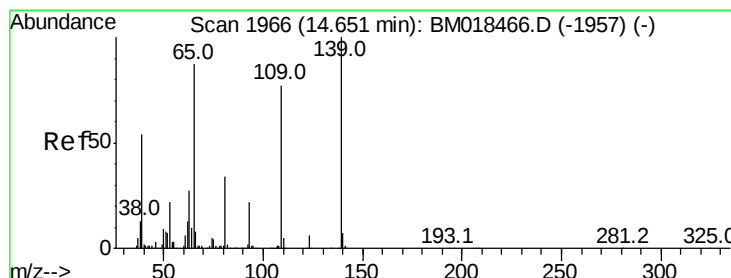
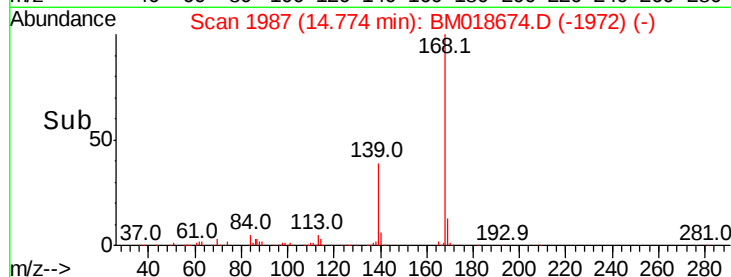
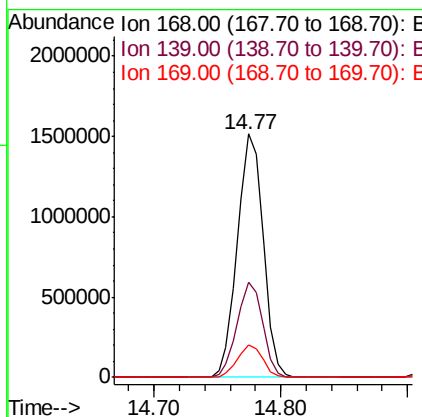
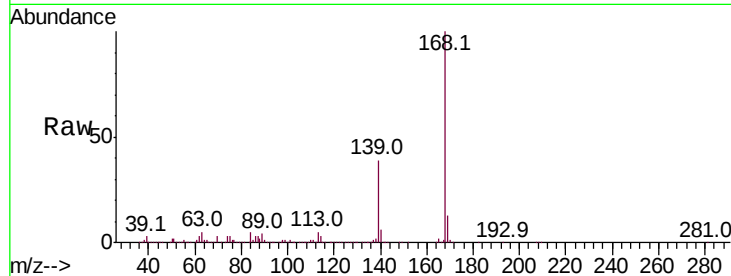
#55
Dibenzofuran
Concen: 44.699 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.3	45.5
169	13.4	10.6	16.0

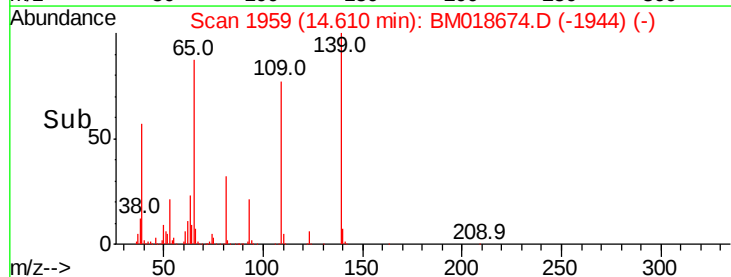
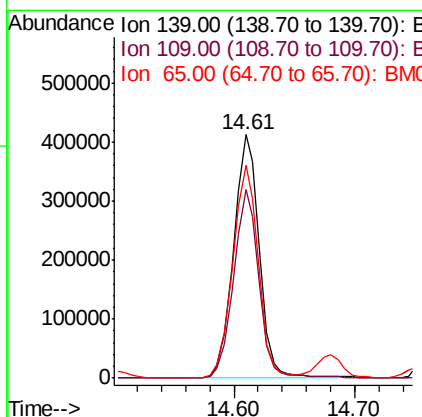
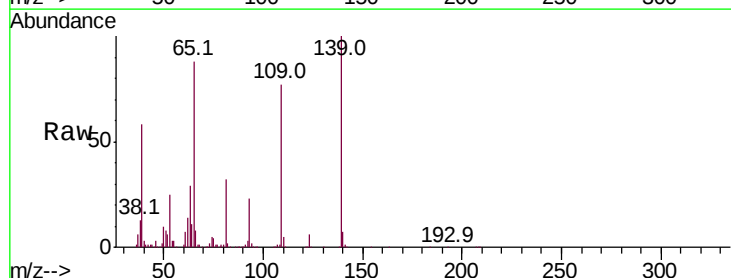
Manual Integrations
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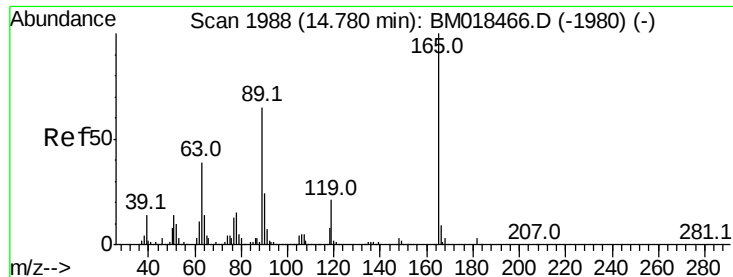
mohammad
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#56
4-Nitrophenol
Concen: 84.523 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.2	51.7	91.7
65	87.6	71.4	111.4





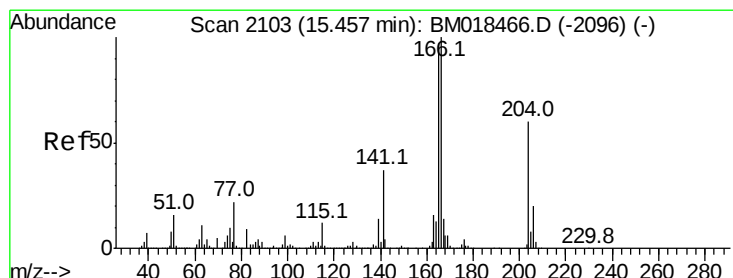
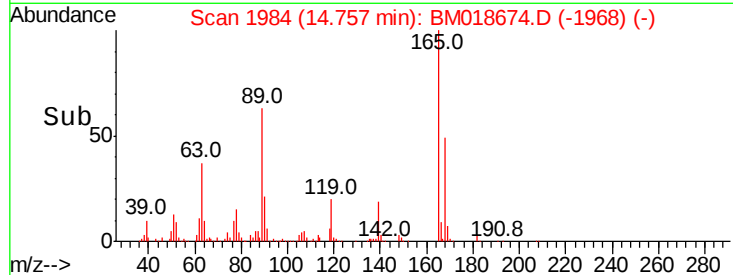
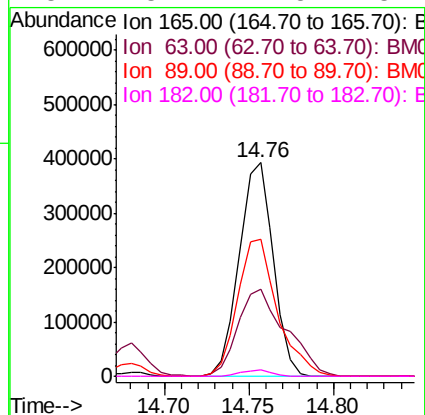
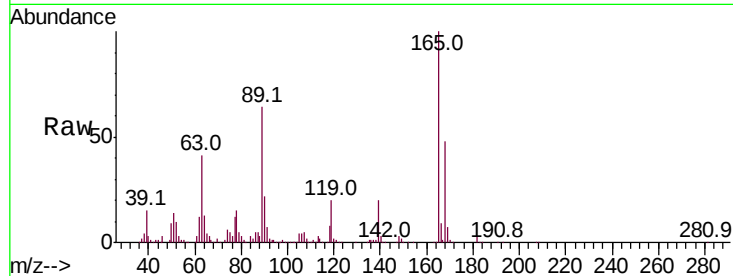
#57
2,4-Dinitrotoluene
Concen: 46.906 ng
RT: 14.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.5	32.2	48.2	
89	64.0	52.1	78.1	
182	3.1	2.5	3.7	

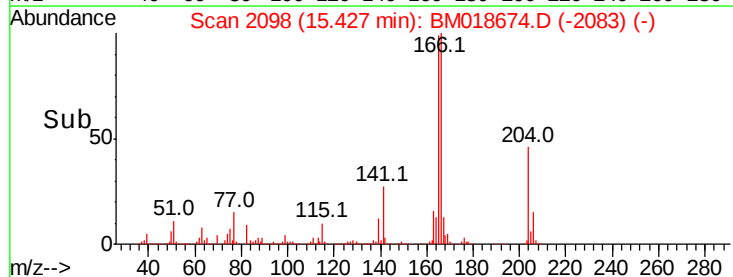
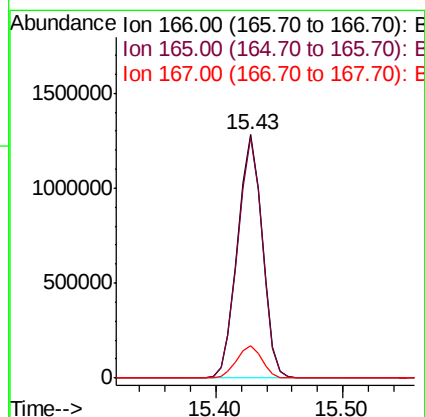
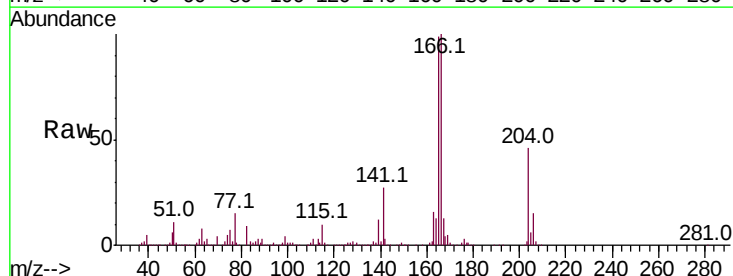
Manual Integrations
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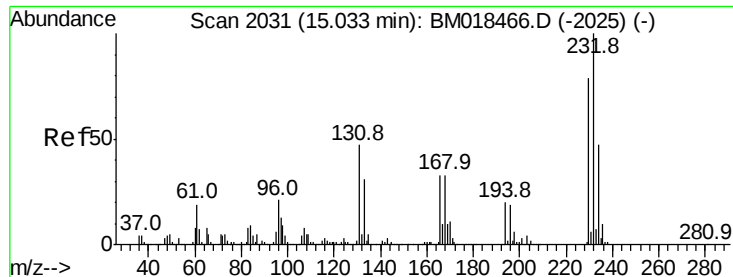
mohammad
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#58
Fluorene
Concen: 48.759 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.0	78.3	117.5	
167	13.2	10.9	16.3	





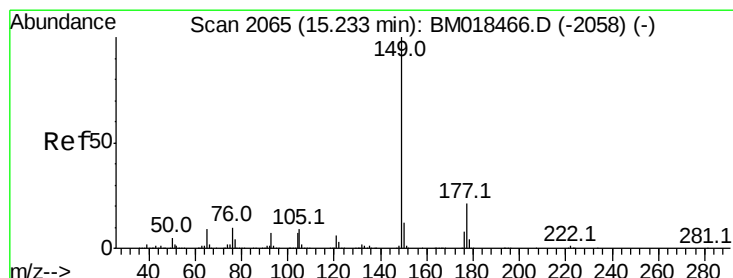
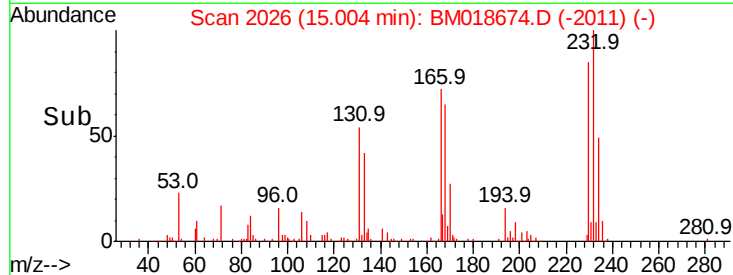
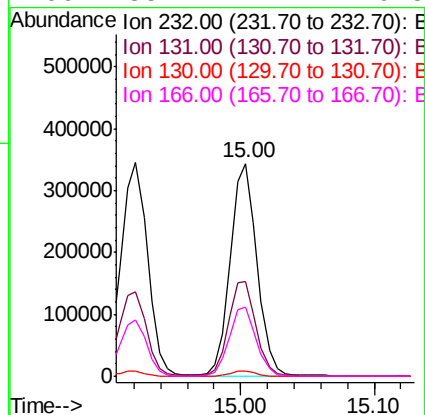
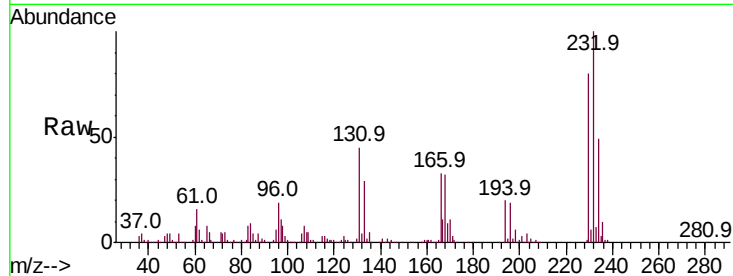
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.802 ng
RT: 15.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	480613		
131	45.6	38.6	57.8	
130	2.5	2.2	3.4	
166	33.1	27.2	40.8	

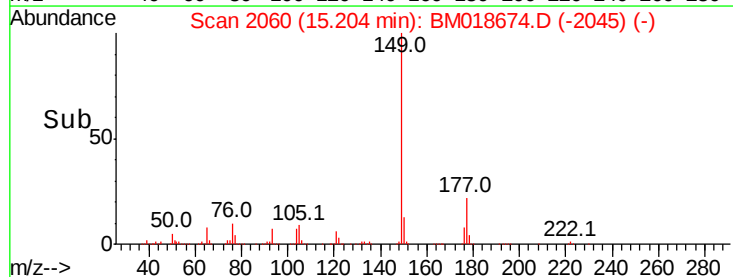
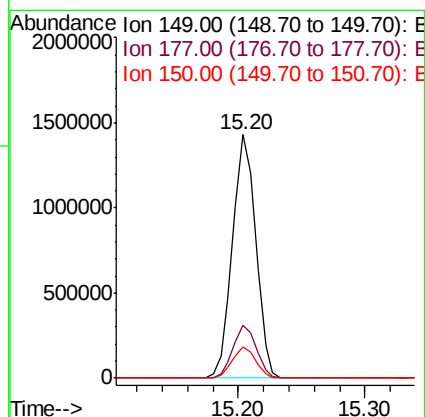
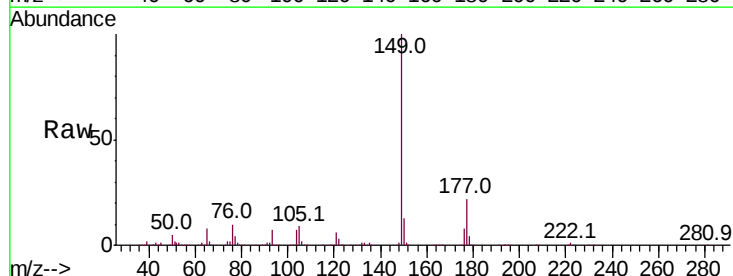
Manual Integrations
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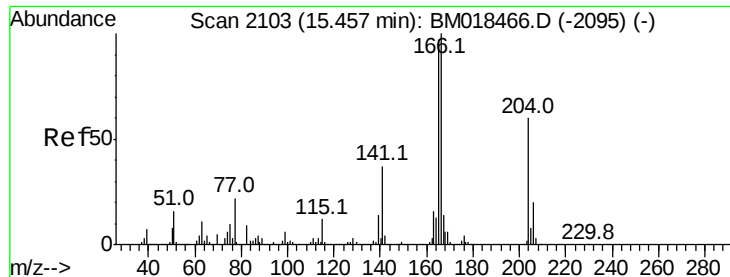
mohammad
1/29/2019 10:06:50 AM



#60
Diethylphthalate
Concen: 45.762 ng
RT: 15.20 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1813170		
177	21.8	17.1	25.7	
150	12.6	9.8	14.6	





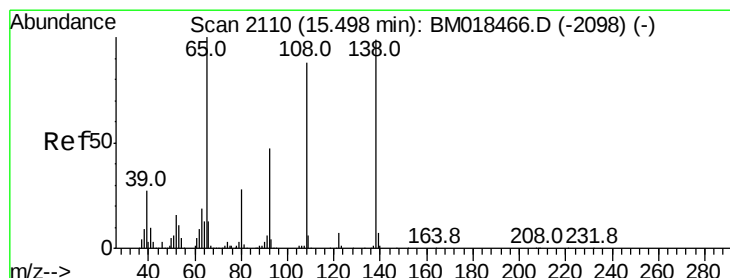
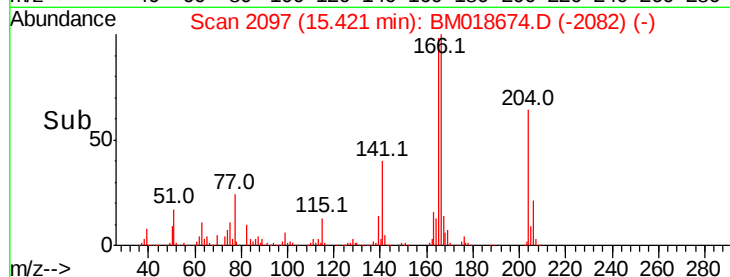
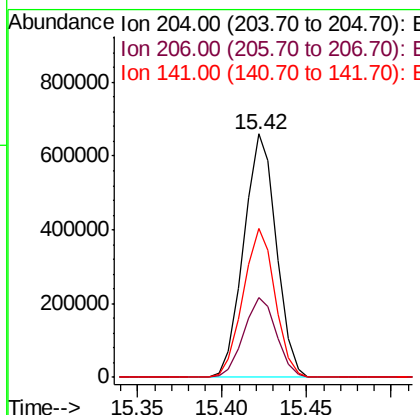
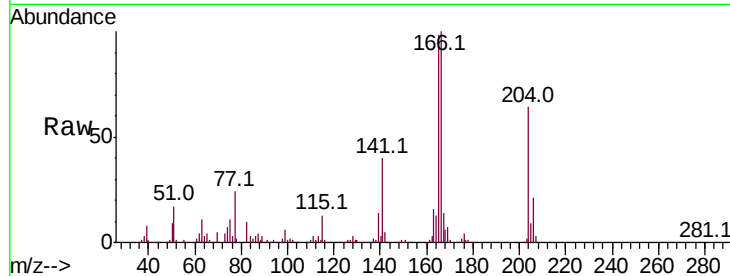
#61
4-Chlorophenyl-phenylether
Concen: 43.212 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.6
141	61.3	49.5	74.3

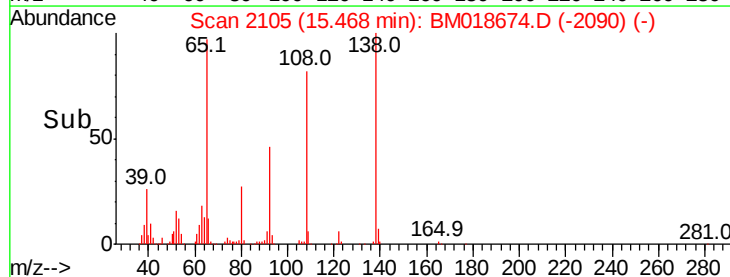
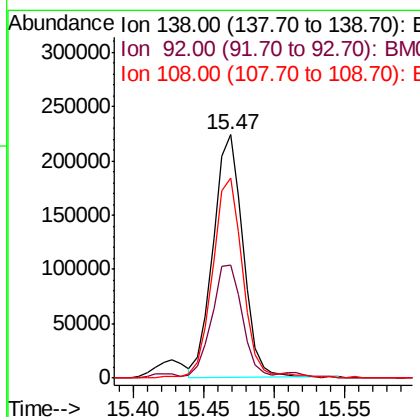
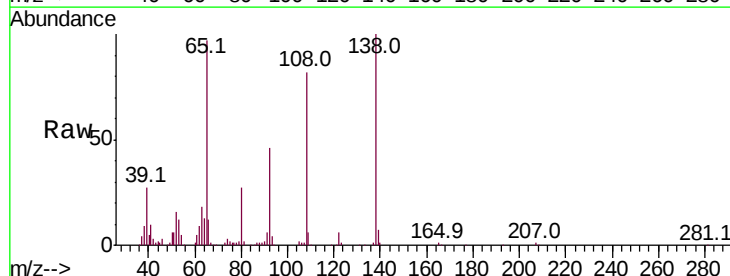
Manual Integrations
APPROVED

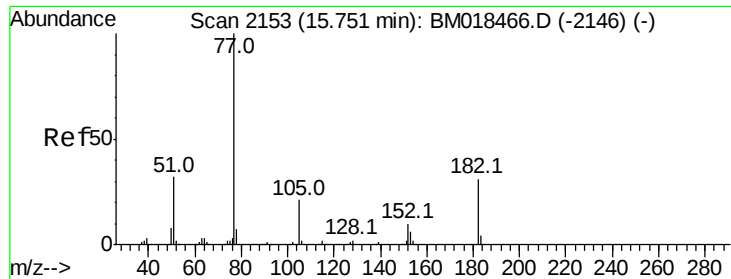
mohammad
1/29/2019 10:06:50 AM



#62
4-Nitroaniline
Concen: 35.859 ng
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	29.0	69.0
108	82.0	63.9	103.9





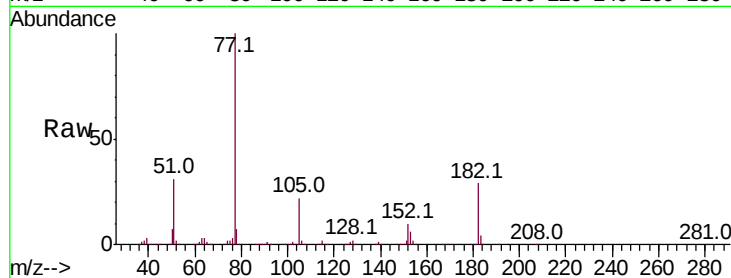
#63
Azobenzene
Concen: 45.827 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.4	7.4	47.4
105	21.7	0.0	39.6
51	31.2	12.0	52.0

Manual Integrations
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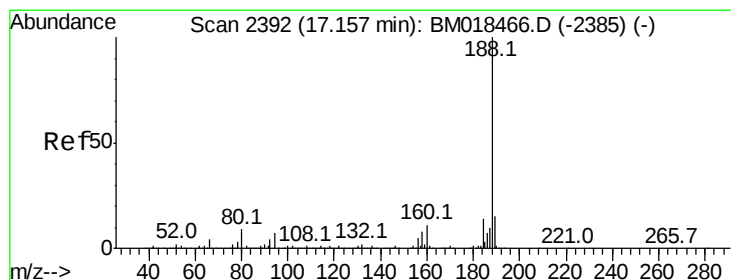
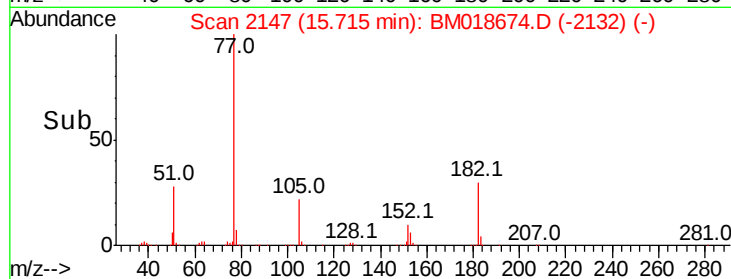
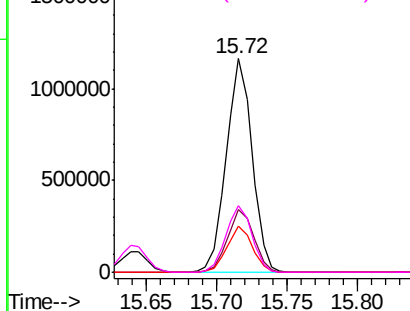
Abundance

Ion 77.00 (76.70 to 77.70): BM018674.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018674.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018674.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018674.D (-2146) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

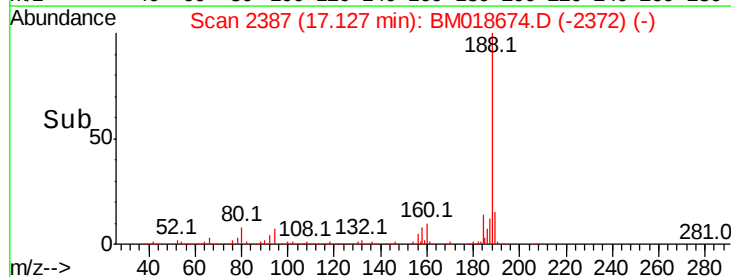
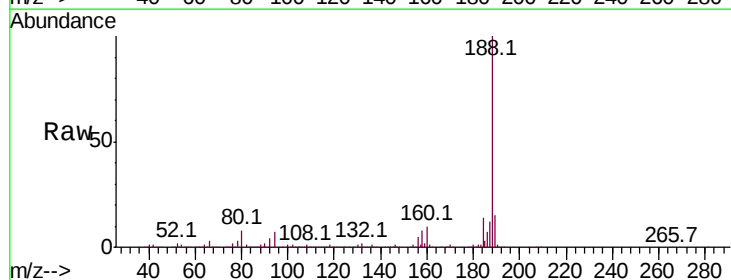
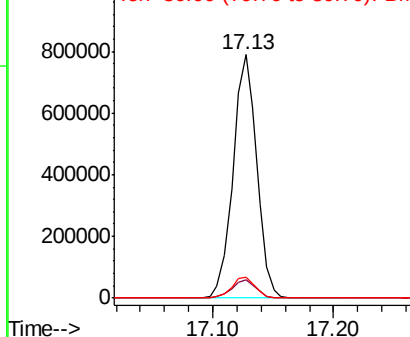
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.4	7.6	11.4

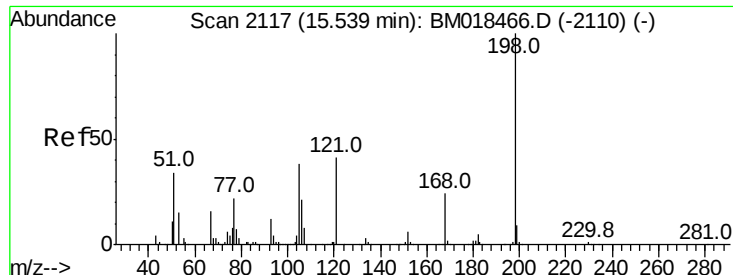
Abundance

Ion 188.00 (187.70 to 188.70): BM018674.D (-2372) (-)

Ion 94.00 (93.70 to 94.70): BM018674.D (-2372) (-)

Ion 80.00 (79.70 to 80.70): BM018674.D (-2372) (-)





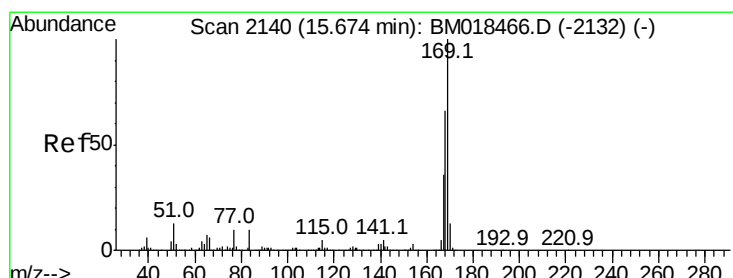
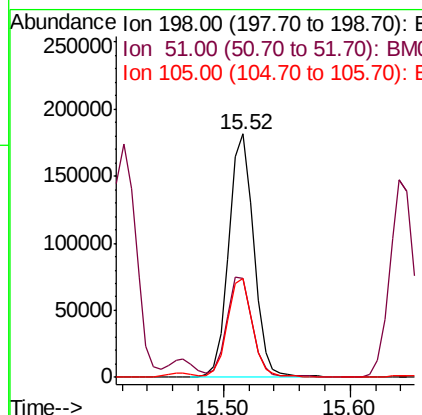
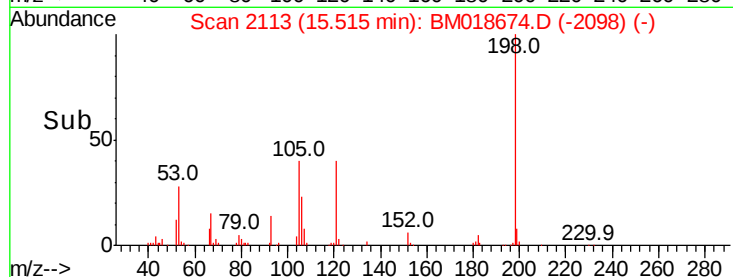
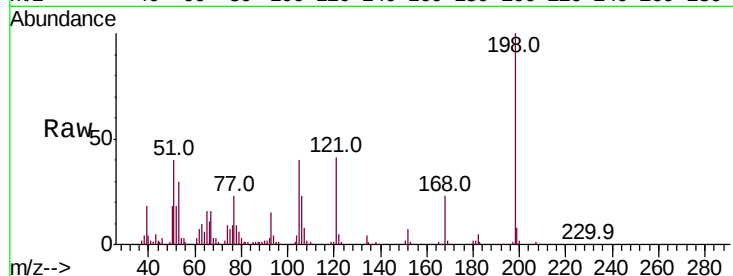
#65
4,6-Dinitro-2-methylphenol
Concen: 37.261 ng
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	246579		
51	40.4	29.6	69.6	
105	40.4	25.5	65.5	

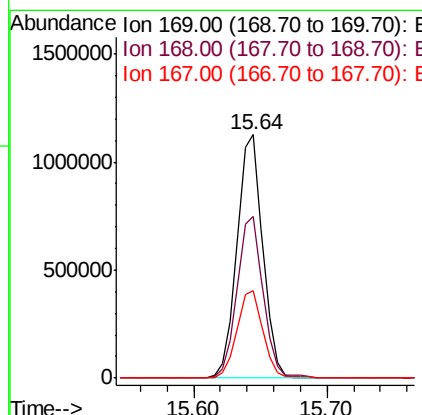
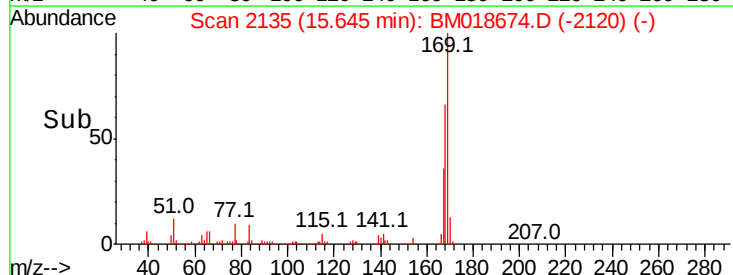
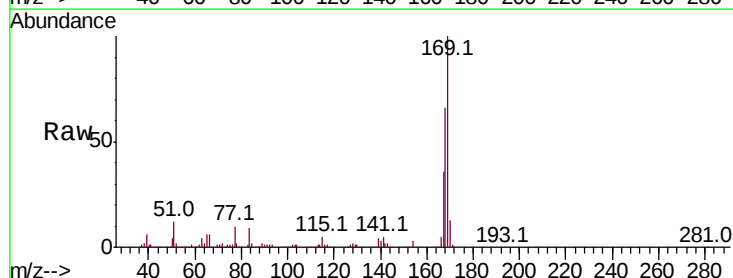
Manual Integrations
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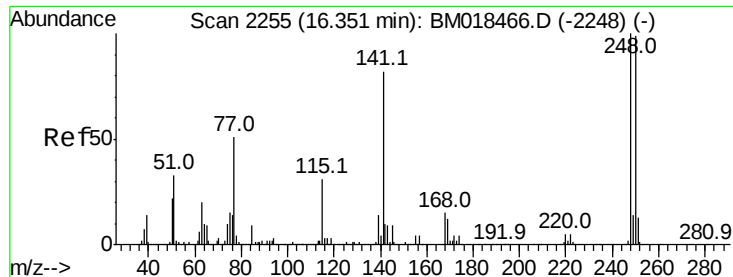
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 45.228 ng
RT: 15.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1511750		
168	66.3	54.1	81.1	
167	35.7	28.6	42.8	





#67

4-Bromophenyl-phenylether

Concen: 44.516 ng

RT: 16.32 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

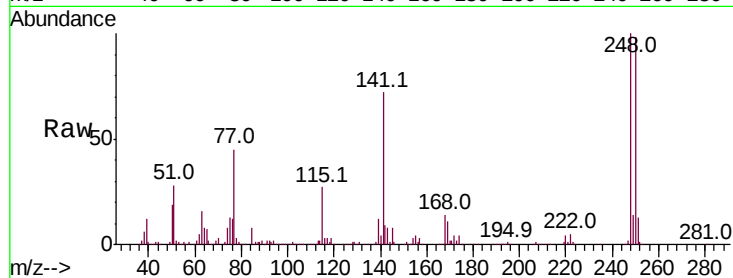
ClientSampleId :

OR-01-012519-AMSD

Tot Ion:	248	Resp:	536792
Ion Ratio	Lower	Upper	
248	100		
250	97.6	76.0	114.0
141	71.6	61.5	92.3

Manual Integrations
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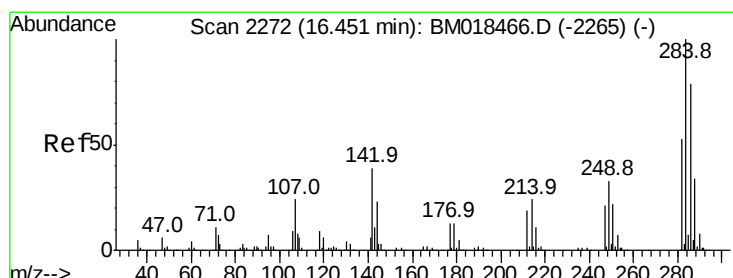
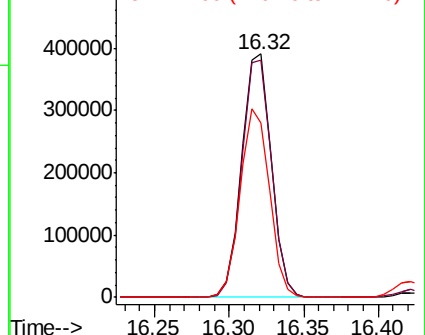
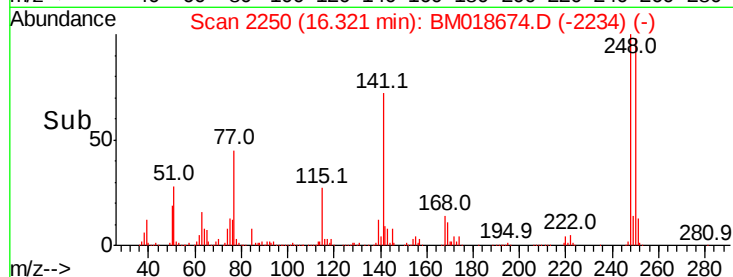


Abundance

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: 44.641 ng

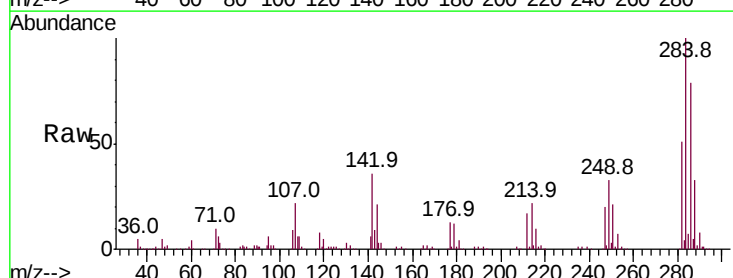
RT: 16.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Tgt Ion:	284	Resp:	602624
Ion Ratio	Lower	Upper	
284	100		
142	36.1	29.2	43.8
249	32.7	26.1	39.1

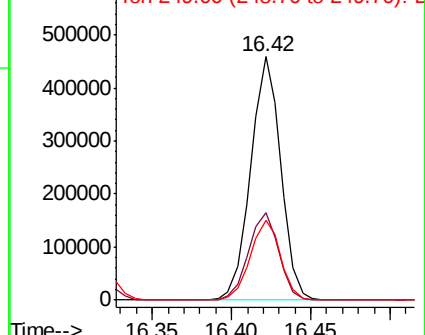
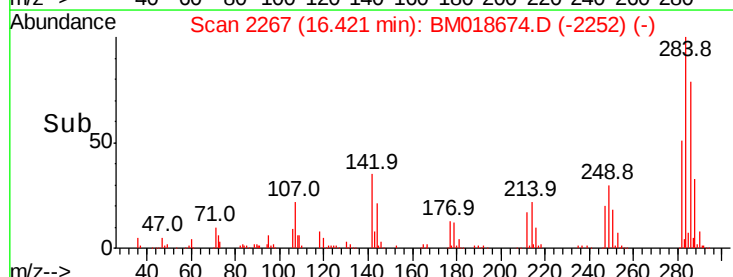


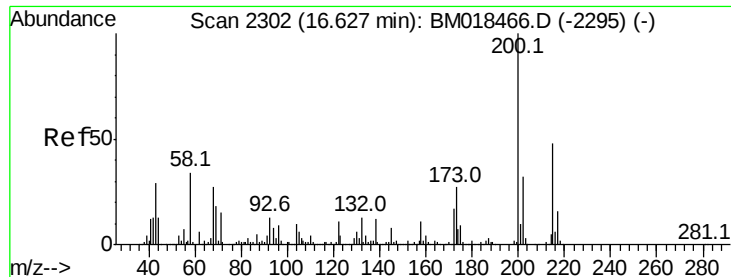
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





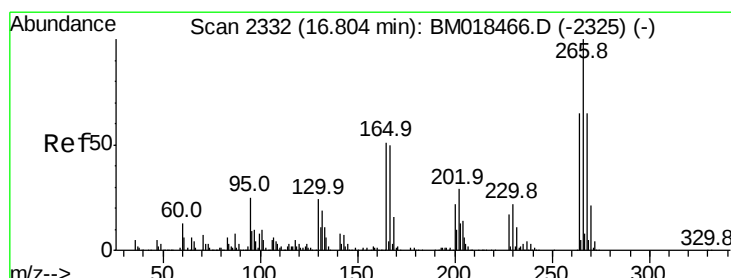
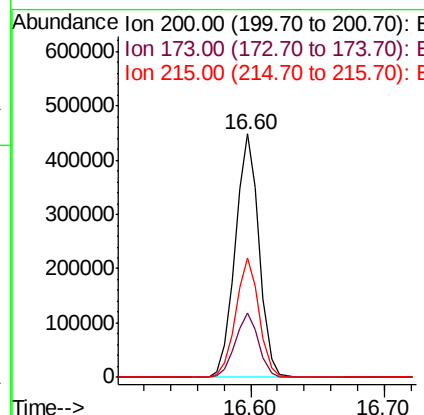
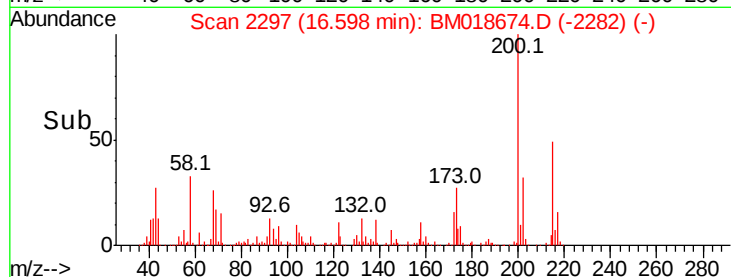
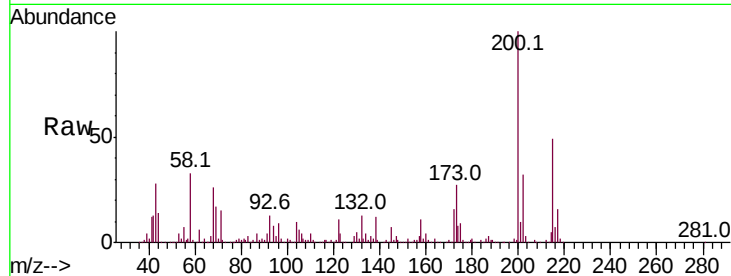
#69
Atrazine
Concen: 46.178 ng
RT: 16.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.6	7.2	47.2	
215	48.9	28.3	68.3	

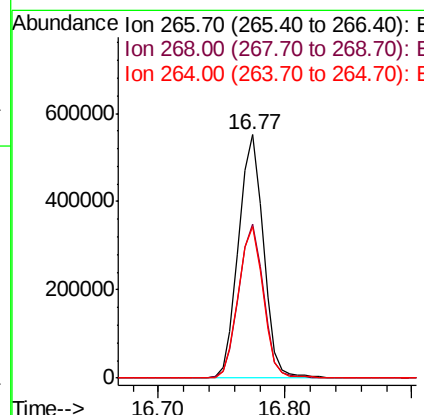
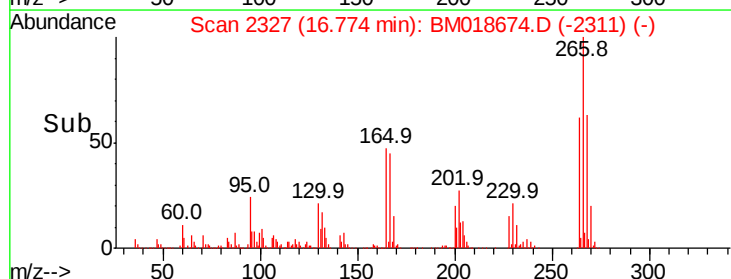
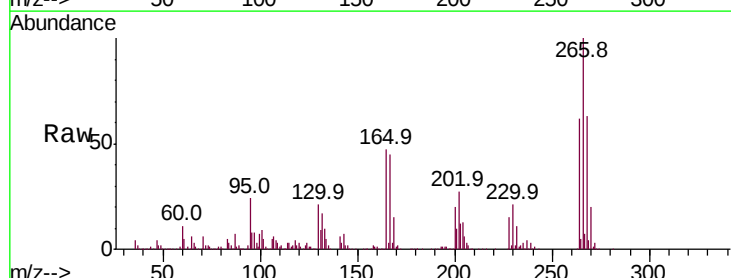
Manual Integrations
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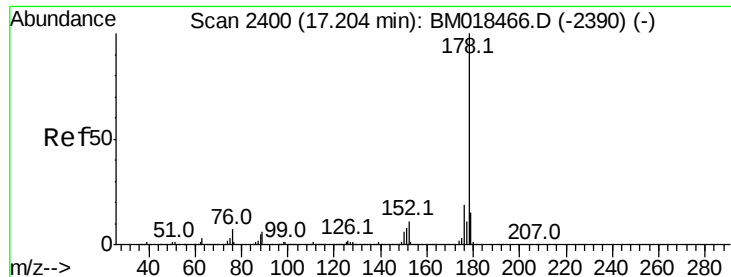
mohammad
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#70
Pentachlorophenol
Concen: 84.953 ng
RT: 16.77 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.1	49.8	74.6	
264	62.3	50.1	75.1	





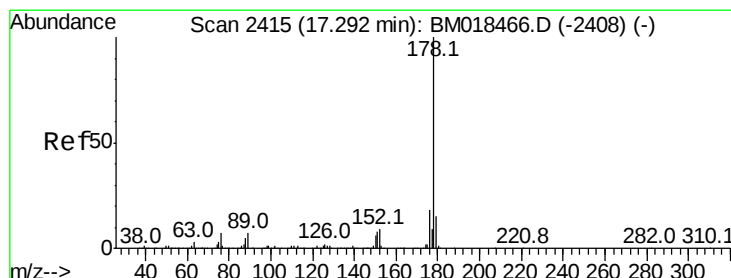
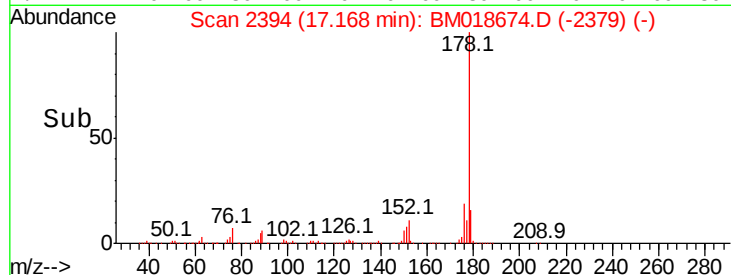
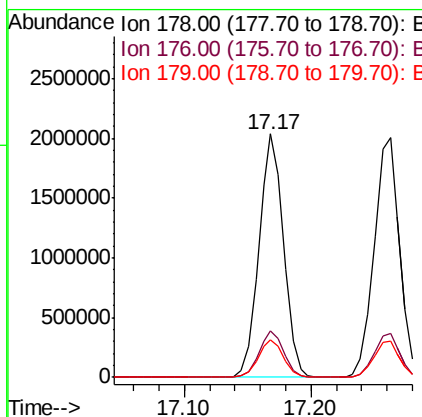
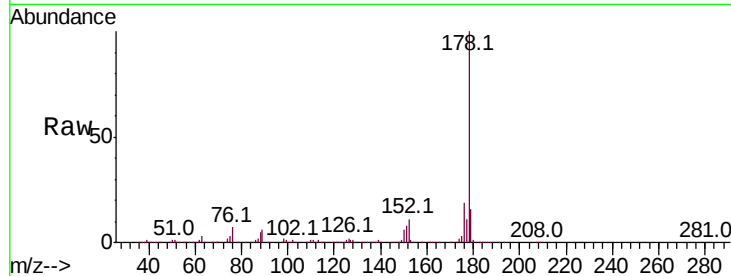
#71
Phenanthrene
Concen: 47.985 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion:178 Resp: 2750225
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.2 18.4

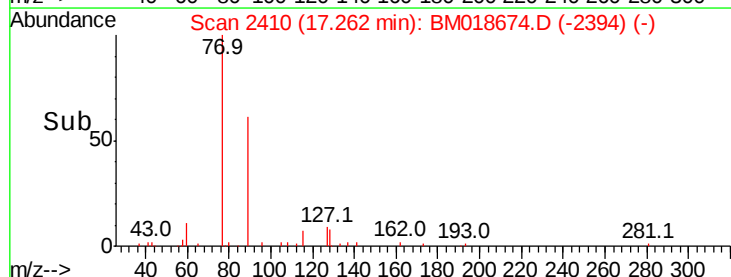
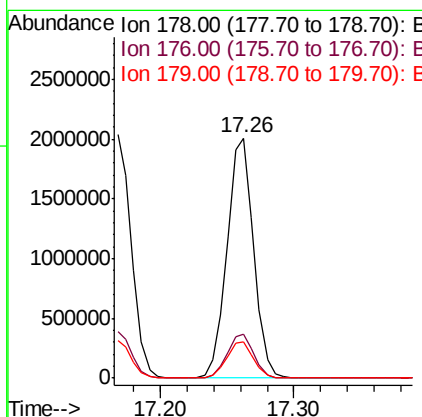
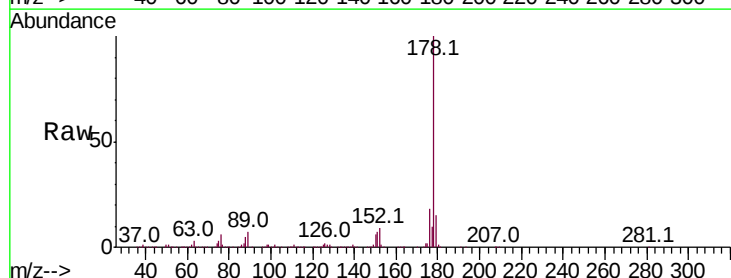
Manual Integrations
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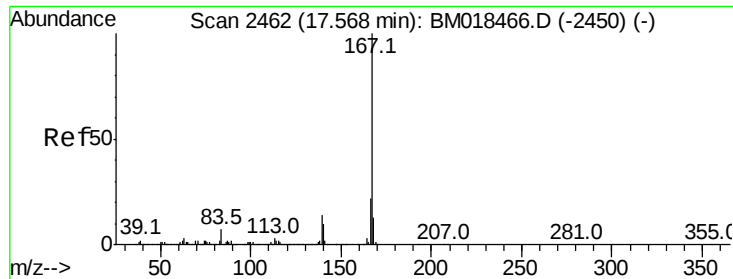
mohammad
1/29/2019 10:06:50 AM



#72
Anthracene
Concen: 50.743 ng
RT: 17.26 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion:178 Resp: 2796657
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.0 12.2 18.4





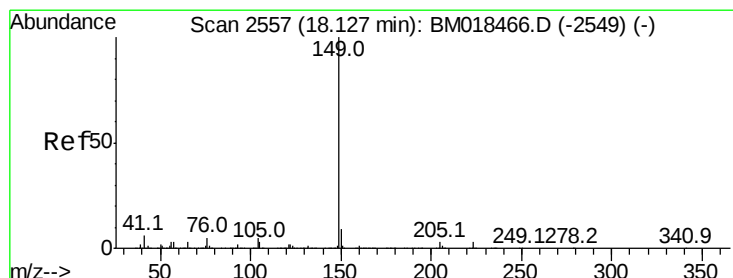
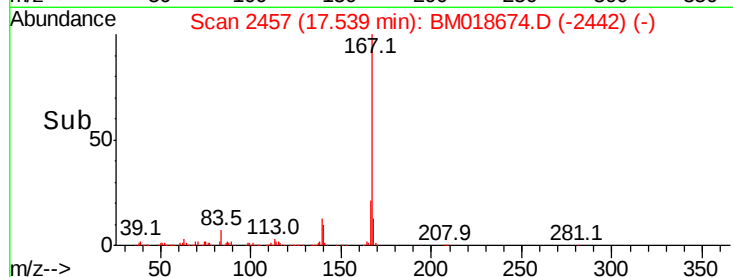
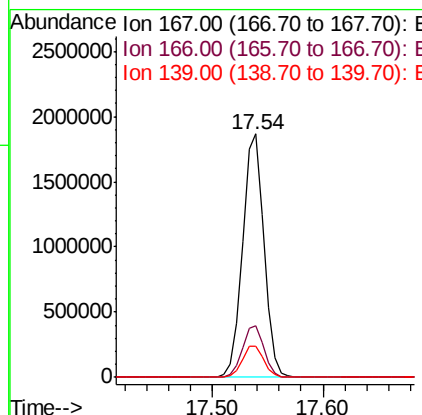
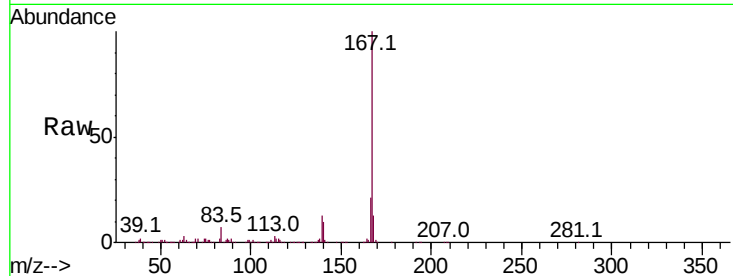
#73
 Carbazole
 Concen: 44.967 ng
 RT: 17.54 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.2
139	13.0	10.6	16.0

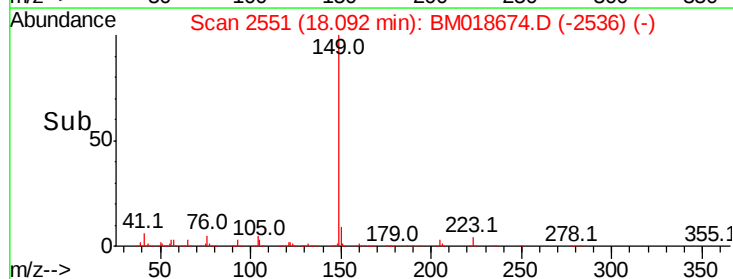
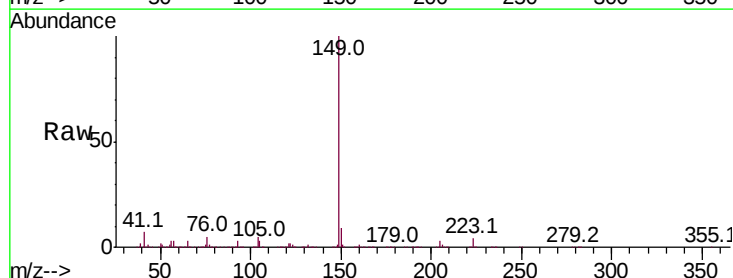
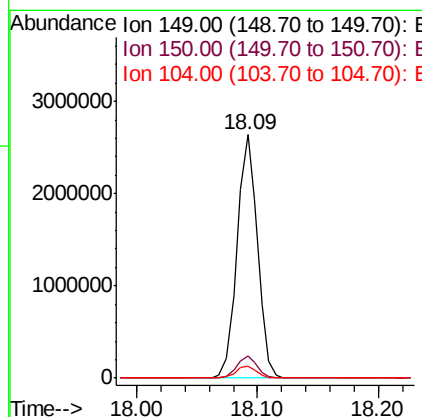
Manual Integrations
 APPROVED

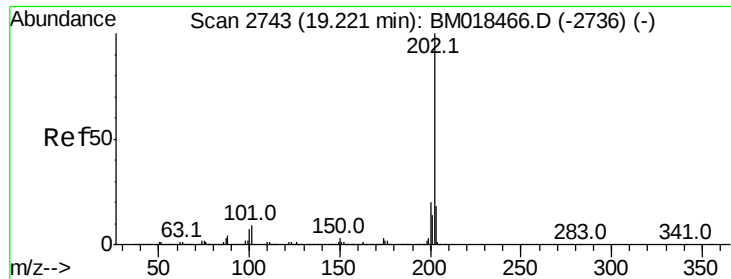
mohammad
 1/29/2019 10:06:50 AM



#74
 Di-n-butylphthalate
 Concen: 50.017 ng
 RT: 18.09 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.1	4.2	6.4





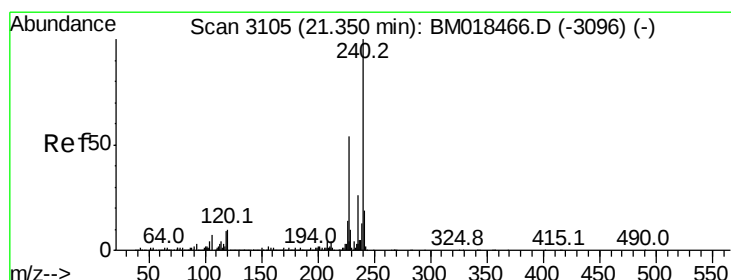
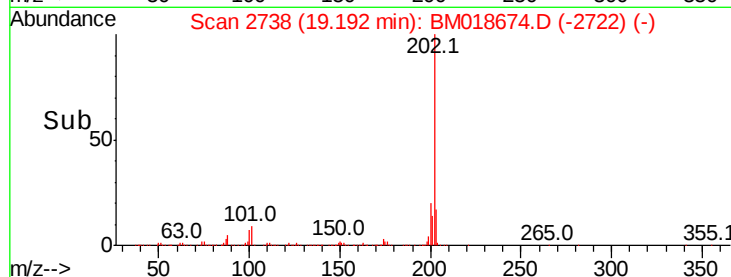
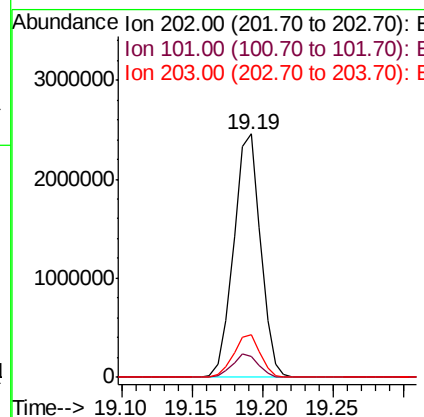
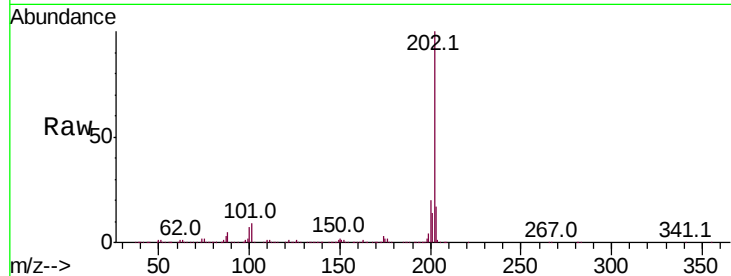
#75
Fluoranthene
Concen: 49.248 ng
RT: 19.19 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion:202 Resp: 3254256
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.9
203 17.4 0.0 37.4

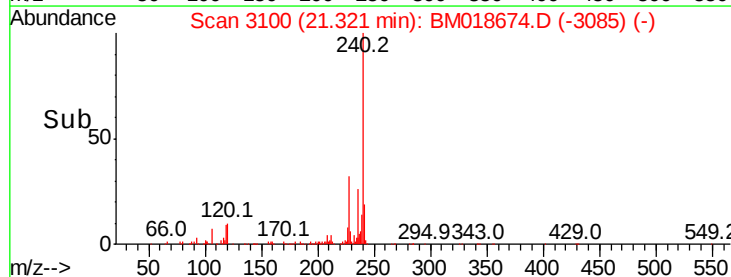
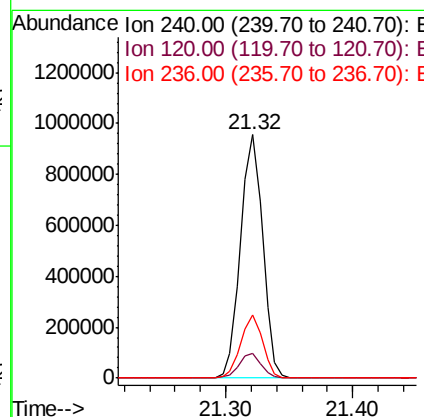
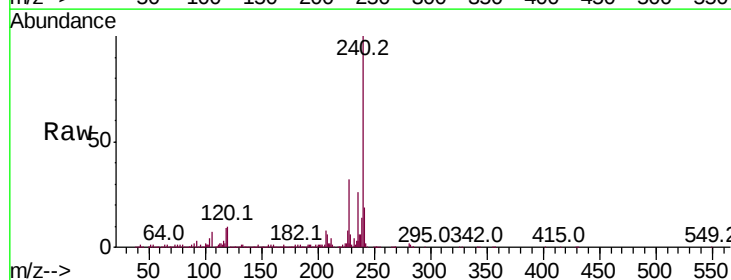
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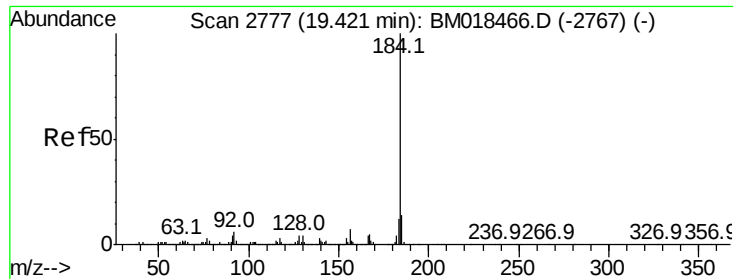
mohammad
1/29/2019 10:06:50 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion:240 Resp: 1154403
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.7 20.7 31.1





#77

Benzidine

Concen: 21.516 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

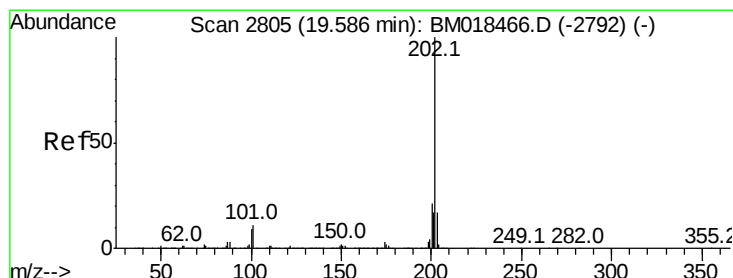
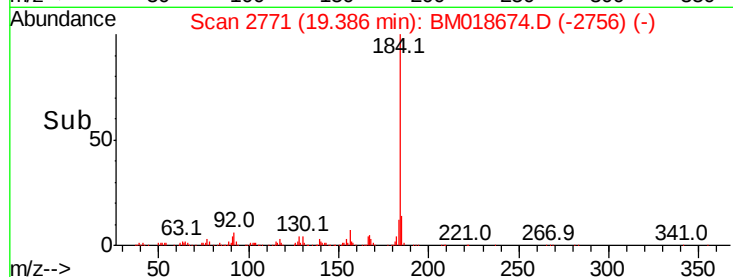
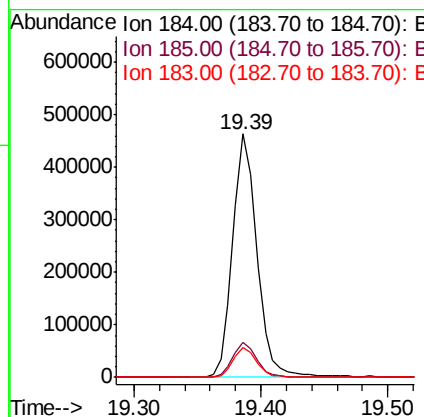
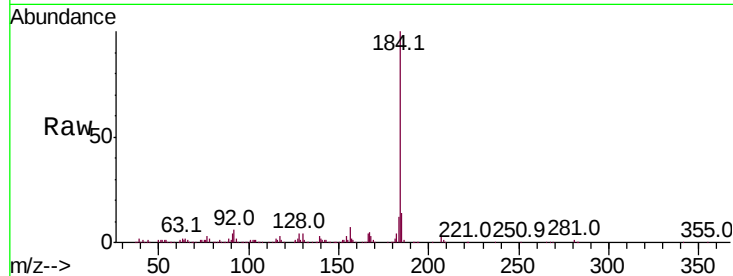
ClientSampleId :

OR-01-012519-AMSD

Tot Ion:	184	Resp:	613281
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.4	17.0
183	12.0	9.5	14.3

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#78

Pyrene

Concen: 48.976 ng

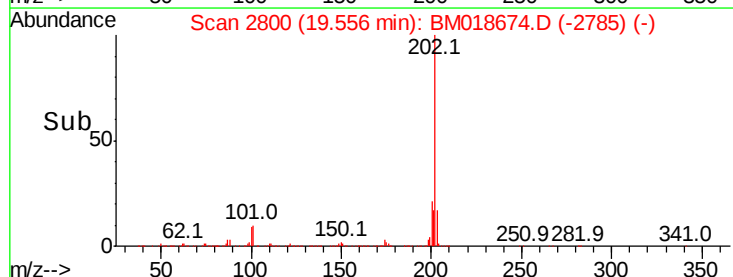
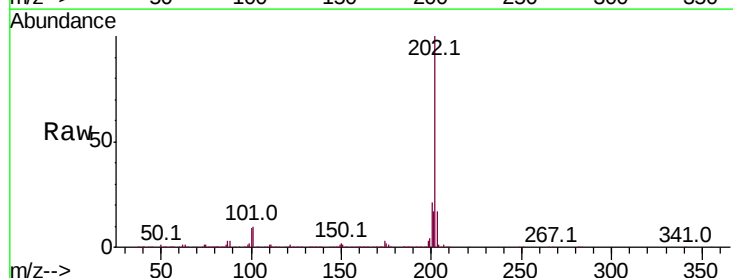
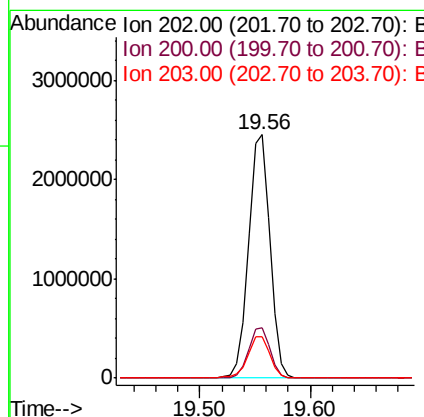
RT: 19.56 min Scan# 2800

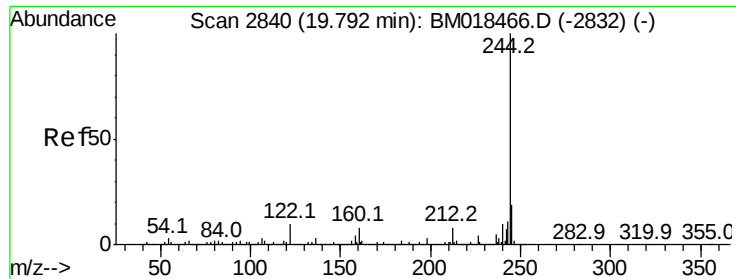
Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Tgt Ion:	202	Resp:	3351302
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	24.8
203	17.1	13.8	20.8





#79

Terphenyl-d14

Concen: 91.222 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

Tot Ion:244 Resp: 4995517

Ion Ratio Lower Upper

244 100

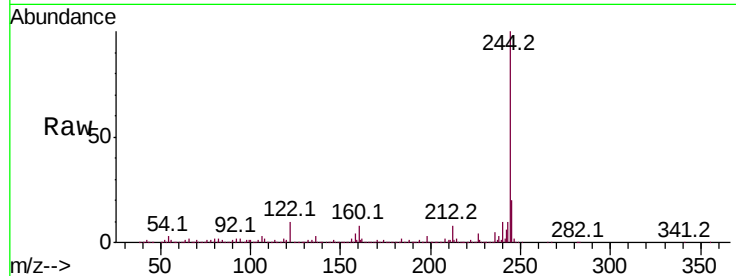
212 7.5 5.9 8.9

122 10.3 9.0 13.4

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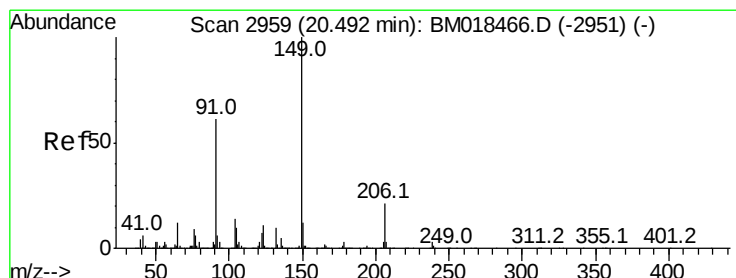
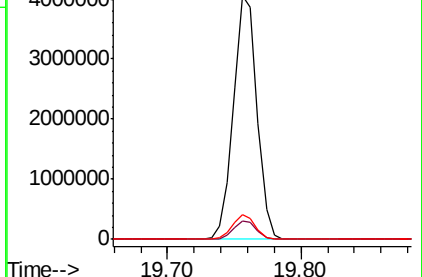
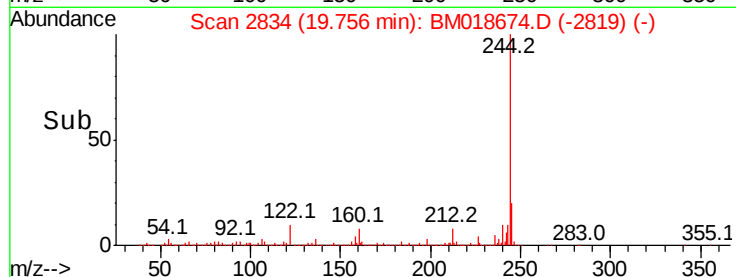
1/29/2019 10:06:50 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.654 ng

RT: 20.46 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

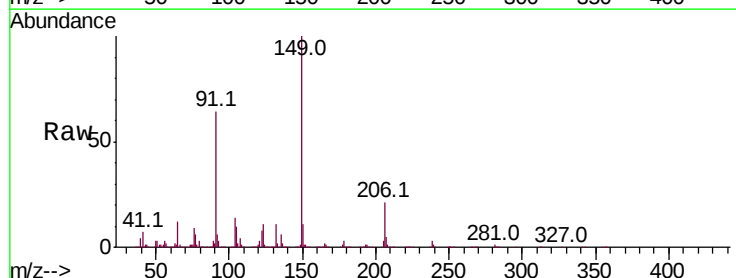
Tgt Ion:149 Resp: 1449835

Ion Ratio Lower Upper

149 100

91 63.9 53.1 79.7

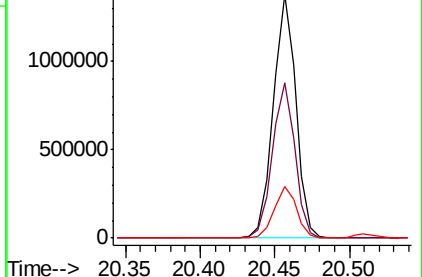
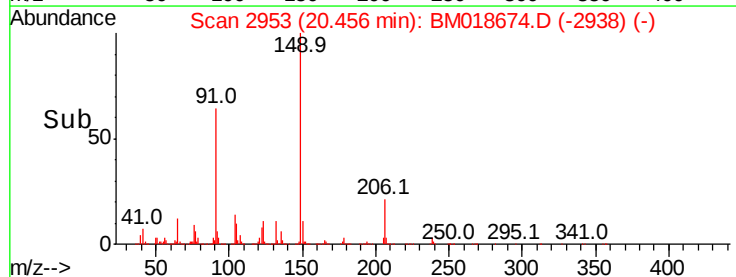
206 21.0 16.2 24.4

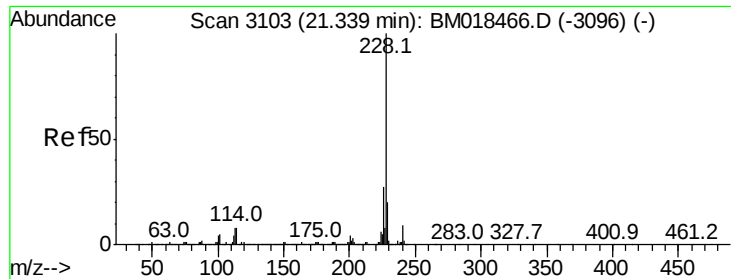


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.295 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

Tot Ion:228 Resp: 3352409

Ion Ratio Lower Upper

228 100

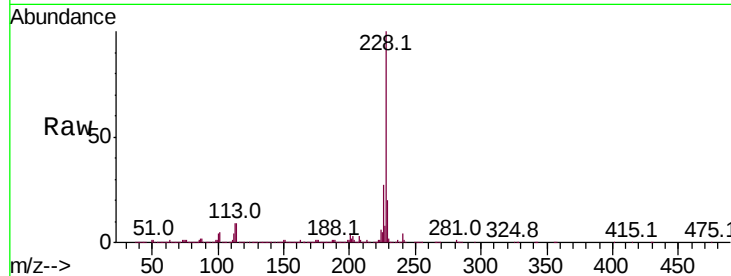
226 27.0 21.8 32.6

229 19.8 15.8 23.8

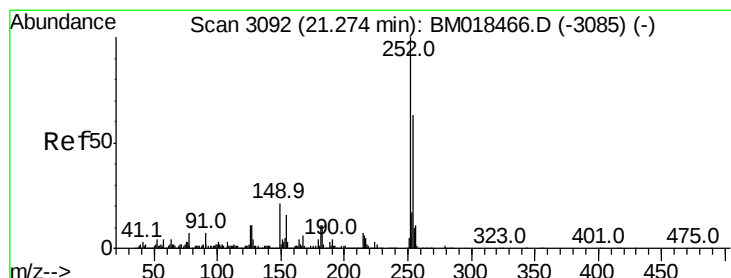
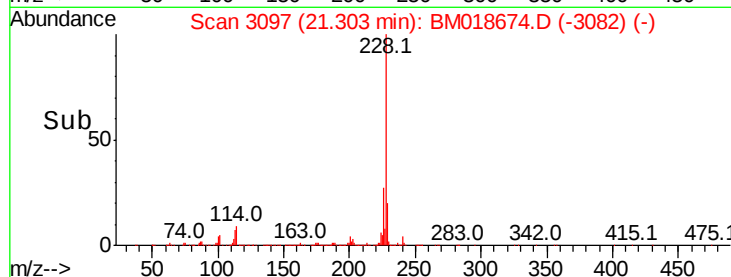
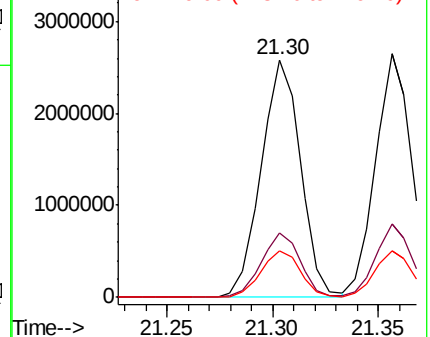
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.669 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

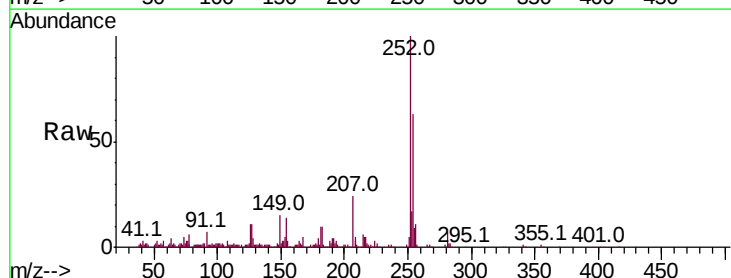
Tgt Ion:252 Resp: 325817

Ion Ratio Lower Upper

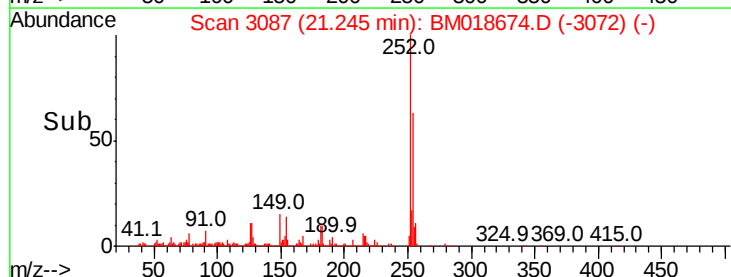
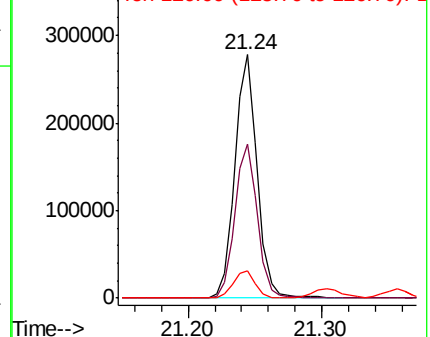
252 100

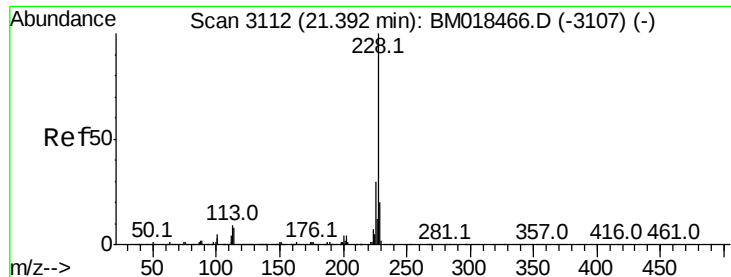
254 63.4 51.4 77.0

126 11.1 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





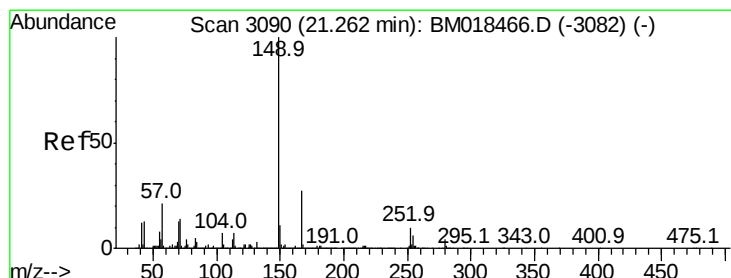
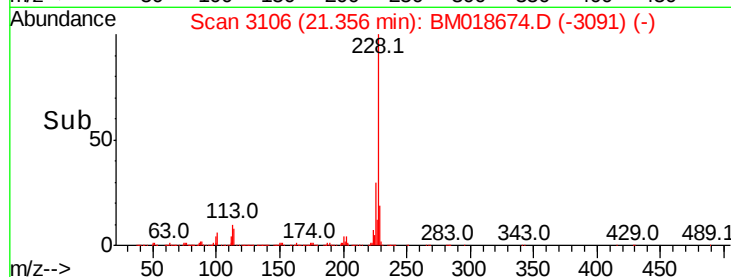
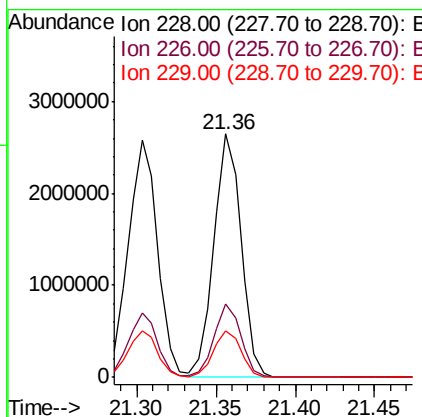
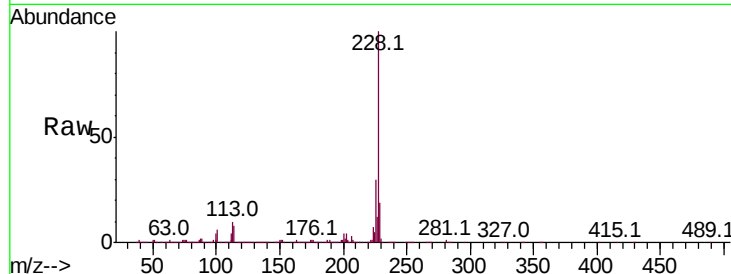
#83
Chrysene
Concen: 48.152 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.3	15.6	23.4

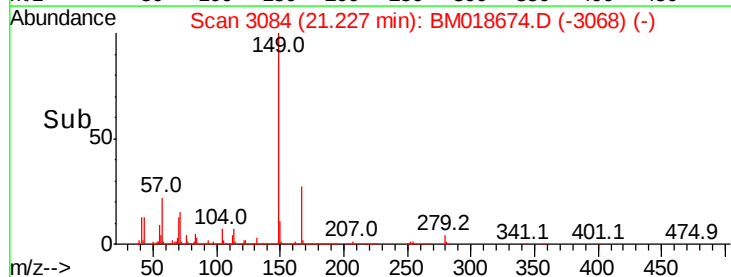
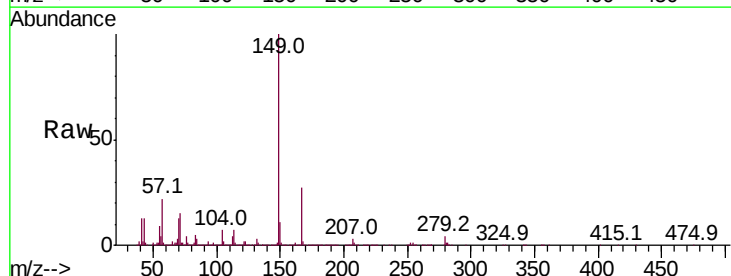
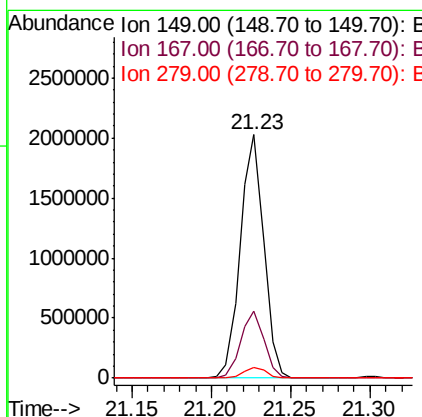
Manual Integrations
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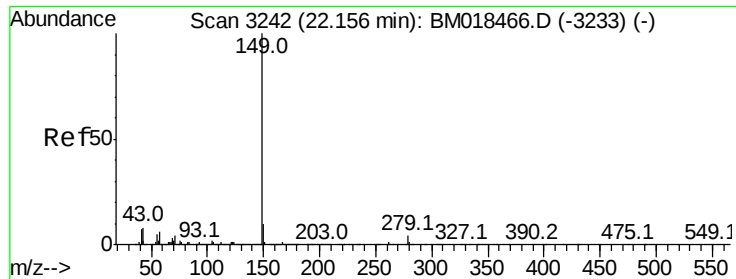
mohammad
1/29/2019 10:06:50 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.122 ng
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	4.3	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 51.559 ng

RT: 22.12 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

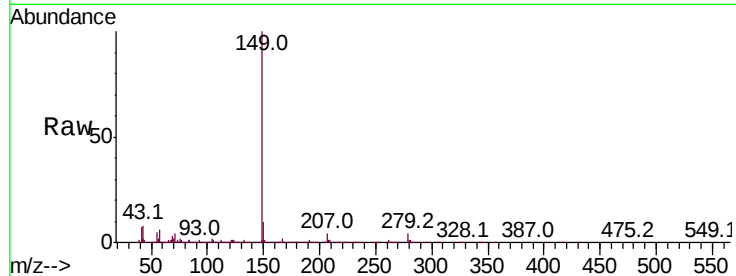
ClientSampleId :

OR-01-012519-AMSD

Tot Ion:	149	Resp:	3656242
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.6	8.6	12.8

Manual Integrations
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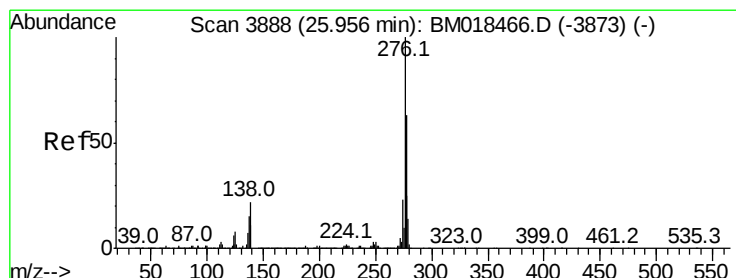
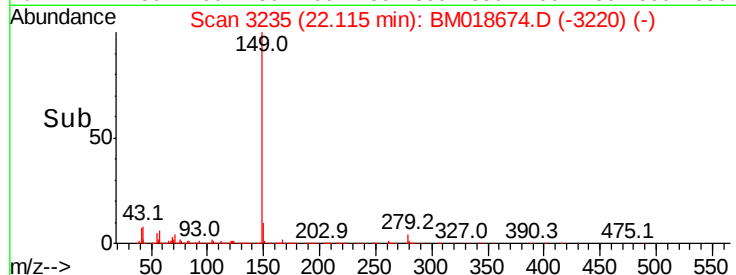
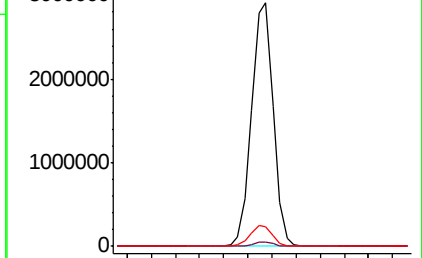
mohammad
1/29/2019 10:06:50 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.767 ng

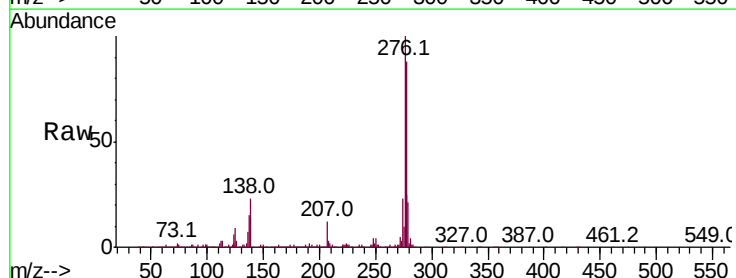
RT: 25.89 min Scan# 3877

Delta R.T. -0.02 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

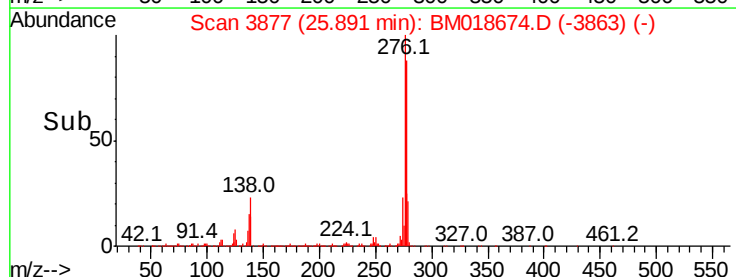
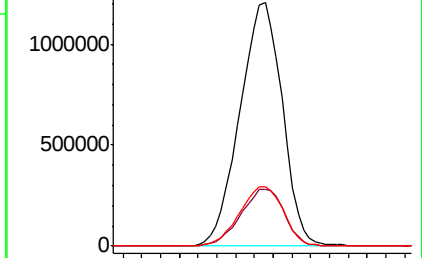
Tgt Ion:	276	Resp:	3768716
Ion Ratio	Lower	Upper	
276	100		
138	24.0	21.5	32.3
277	25.2	20.2	30.2

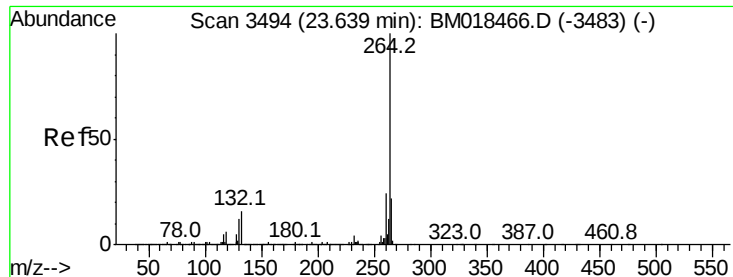


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





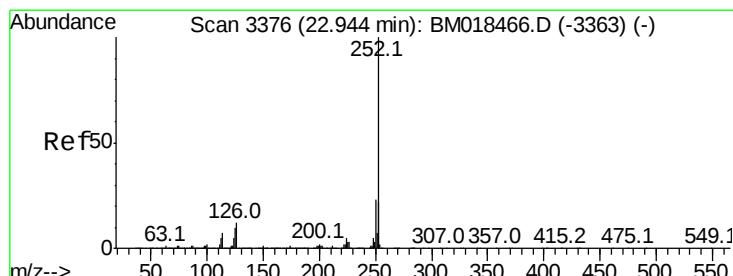
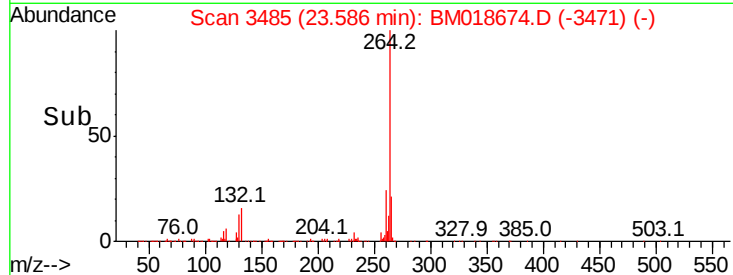
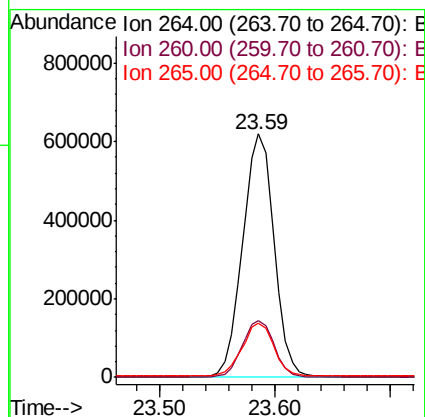
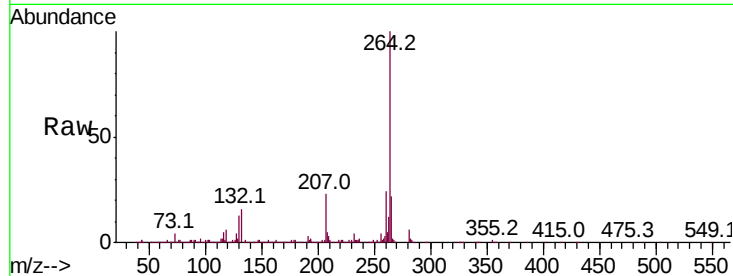
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	16.8	25.2

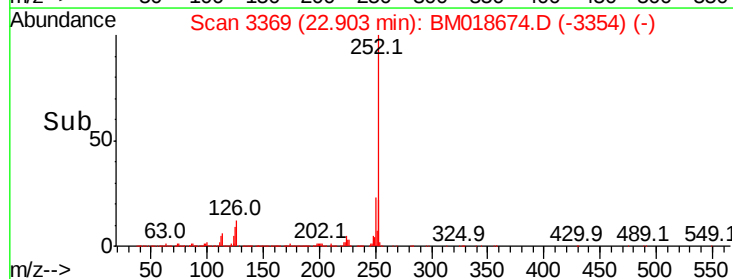
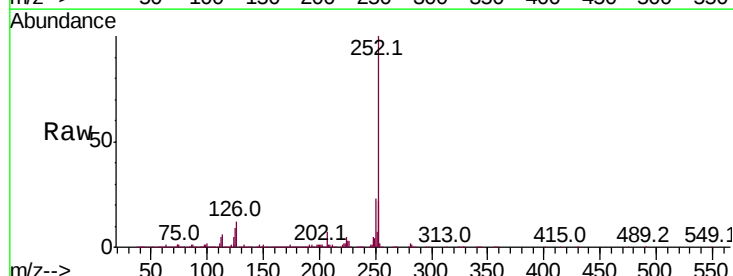
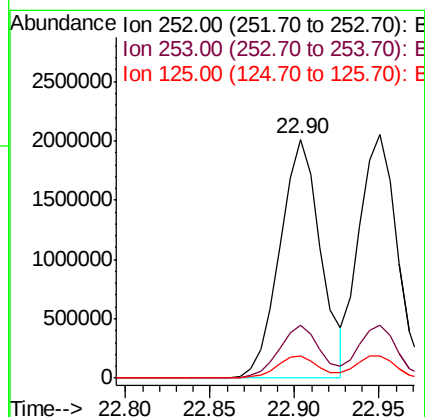
Manual Integrations
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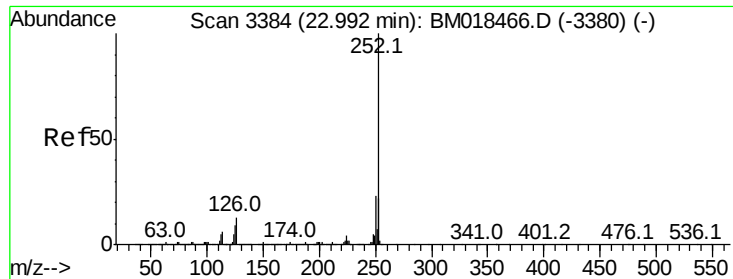
mohammad
1/29/2019 10:06:50 AM



#88
Benzo(b)fluoranthene
Concen: 50.523 ng
RT: 22.90 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.1	8.5	12.7





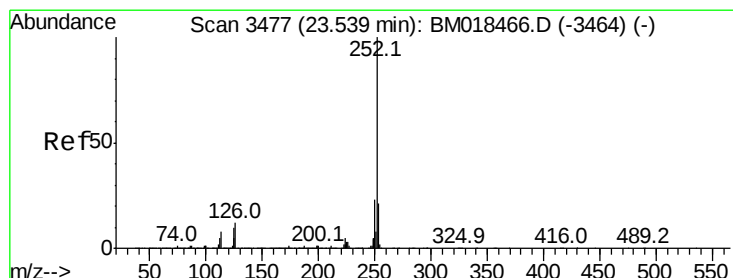
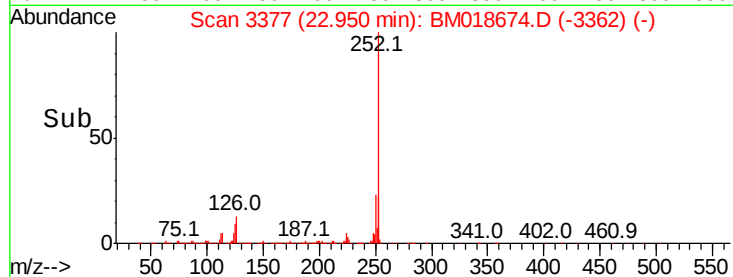
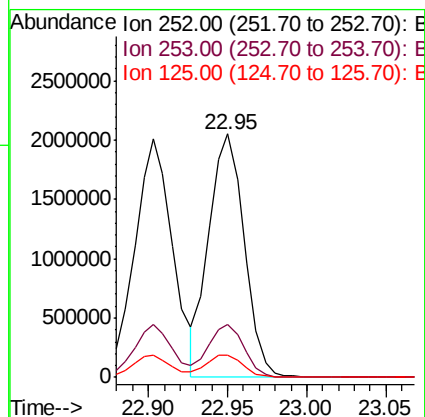
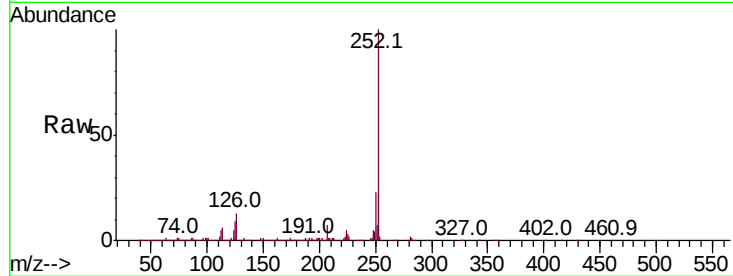
#89
Benzo(k)fluoranthene
Concen: 47.451 ng
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.3	8.6	12.8

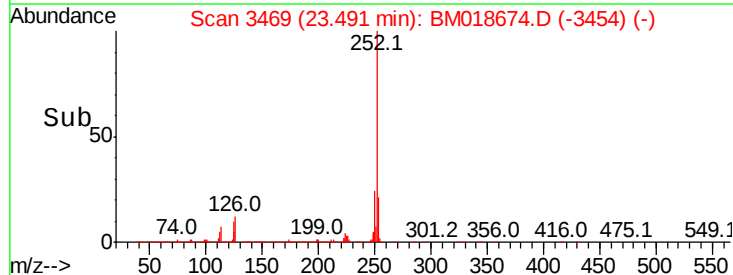
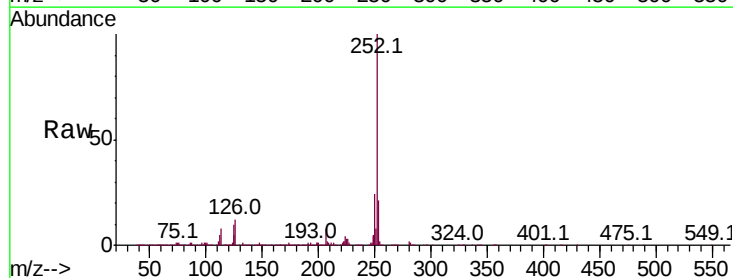
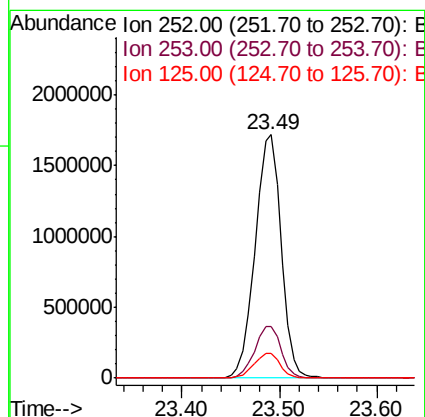
Manual Integrations
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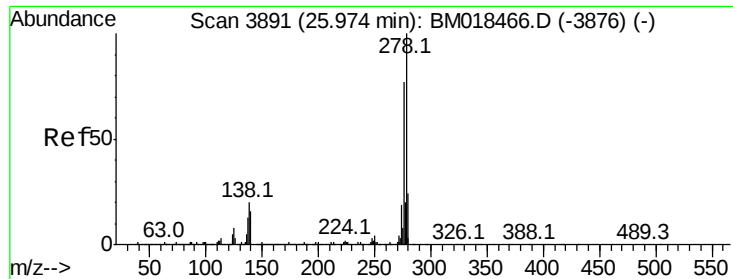
mohammad
1/29/2019 10:06:50 AM



#90
Benzo(a)pyrene
Concen: 50.118 ng
RT: 23.49 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	10.0	9.7	14.5





#91

Dibenzo(a,h)anthracene

Concen: 49.376 ng

RT: 25.90 min Scan# 3879

Delta R.T. -0.02 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

Tot Ion:278 Resp: 3197872

Ion Ratio Lower Upper

278 100

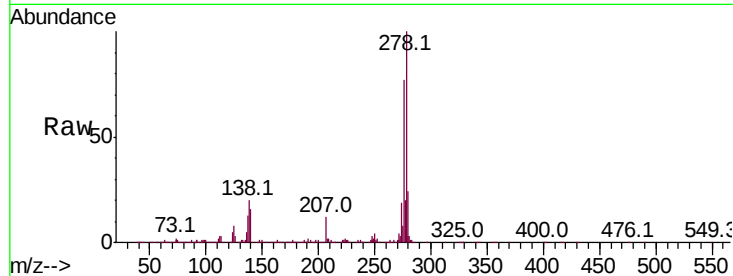
139 15.5 13.2 19.8

279 23.7 19.0 28.4

Manual Integrations
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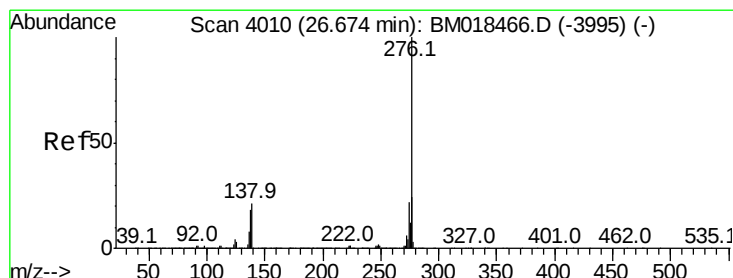
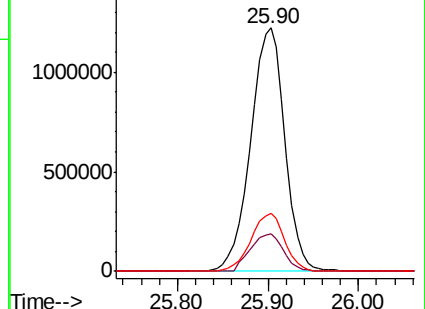
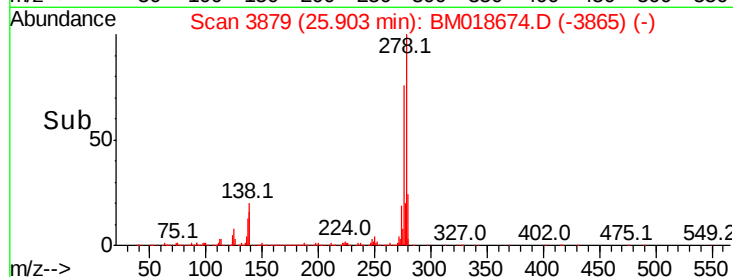
1/29/2019 10:06:50 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.491 ng

RT: 26.60 min Scan# 3997

Delta R.T. -0.02 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

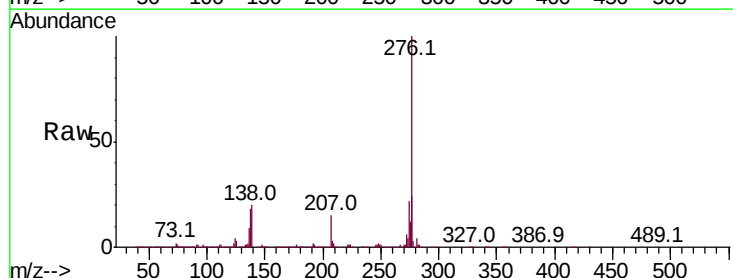
Tgt Ion:276 Resp: 3119149

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.0 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

