

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
 Data File : BM018673.D
 Acq On : 28 Jan 2019 20:33
 Operator : JU/SJ
 Sample : K1011-10MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 1/29/2019 10:06:46 AM

Quant Time: Jan 29 02:42:41 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	214774	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	839812	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	474275	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1061054	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1146494	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1175939	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1551403	133.38	ng	-0.01
7) Phenol-d6	6.90	99	1824685	123.51	ng	0.00
23) Nitrobenzene-d5	8.89	82	1316960	90.91	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	906557	150.12	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	3273671	90.07	ng	-0.01
79) Terphenyl-d14	19.76	244	5054827	92.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	162315	34.239	ng	# 71
3) Pyridine	3.67	79	414706	35.087	ng	96
4) n-Nitrosodimethylamine	3.58	42	239919	49.089	ng	# 95
6) Aniline	7.07	93	166854	10.125	ng	99
8) 2-Chlorophenol	7.29	128	632777	46.581	ng	95
9) Benzaldehyde	6.88	77	110076	10.597	ng	97
10) Phenol	6.93	94	609804	40.621	ng	98
11) bis(2-Chloroethyl)ether	7.16	93	520236	44.104	ng	96
12) 1,3-Dichlorobenzene	7.61	146	660568	40.831	ng	99
13) 1,4-Dichlorobenzene	7.76	146	680057	41.474	ng	99
14) 1,2-Dichlorobenzene	8.07	146	651038	41.872	ng	100
15) Benzyl Alcohol	7.97	79	501262	46.978	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	653723	43.366	ng	96
17) 2-Methylphenol	8.17	107	481738	47.275	ng	99
18) Hexachloroethane	8.79	117	243126	41.585	ng	93
19) n-Nitroso-di-n-propylamine	8.53	70	425703	44.279	ng	94
20) 3+4-Methylphenols	8.50	107	641581	45.608	ng	98
22) Acetophenone	8.56	105	871902	41.969	ng	# 97
24) Nitrobenzene	8.93	77	638965	44.827	ng	98
25) Isophorone	9.46	82	1138018	51.877	ng	97
26) 2-Nitrophenol	9.64	139	340757	49.440	ng	97
27) 2,4-Dimethylphenol	9.69	122	554311	53.656	ng	97
28) bis(2-Chloroethoxy)methane	9.94	93	708203	46.732	ng	100
29) 2,4-Dichlorophenol	10.17	162	598270	48.634	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	661328	43.312	ng	98
31) Naphthalene	10.57	128	1915574	47.362	ng	99
32) Benzoic acid	9.83	122	265792m	39.538	ng	
33) 4-Chloroaniline	10.70	127	45885	2.881	ng	98
34) Hexachlorobutadiene	10.83	225	402863	41.764	ng	98
35) Caprolactam	11.50	113	137579m	32.895	ng	
36) 4-Chloro-3-methylphenol	11.82	107	617313	47.832	ng	99
37) 2-Methylnaphthalene	12.18	142	1421929	49.759	ng	100
38) 1-Methylnaphthalene	12.40	142	1351780	48.889	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	739278	44.575	ng	99

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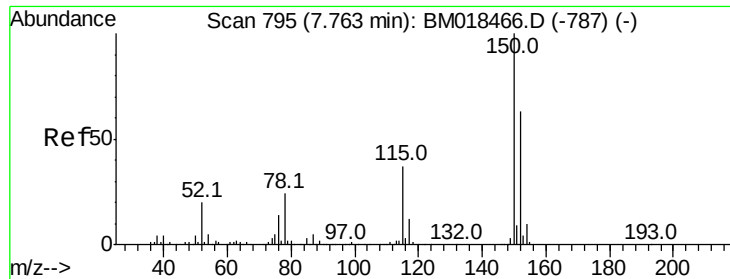
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	755667	83.018	ng	99
43) 2,4,6-Trichlorophenol	12.80	196	492495	48.900	ng	100
44) 2,4,5-Trichlorophenol	12.87	196	527552	49.805	ng	99
46) 1,1'-Biphenyl	13.20	154	1801419	43.501	ng	99
47) 2-Chloronaphthalene	13.25	162	1405972	43.782	ng	99
48) 2-Nitroaniline	13.47	65	374398	47.389	ng	89
49) Acenaphthylene	14.10	152	2271946	48.548	ng	100
50) Dimethylphthalate	13.84	163	1780377	45.708	ng	99
51) 2,6-Dinitrotoluene	13.97	165	397187	48.140	ng	92
52) Acenaphthene	14.44	154	1328245	46.387	ng	97
53) 3-Nitroaniline	14.30	138	54201	6.516	ng	98
54) 2,4-Dinitrophenol	14.50	184	313261	71.023	ng	95
55) Dibenzofuran	14.77	168	2142867	45.293	ng	98
56) 4-Nitrophenol	14.61	139	634908	88.354	ng	96
57) 2,4-Dinitrotoluene	14.76	165	553763	47.436	ng	100
58) Fluorene	15.43	166	1726319	48.982	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	487898	51.966	ng	98
60) Diethylphthalate	15.20	149	1849010	47.023	ng	100
61) 4-Chlorophenyl-phenylether	15.42	204	890036	43.816	ng	99
62) 4-Nitroaniline	15.47	138	331990	36.591	ng	98
63) Azobenzene	15.72	77	1474644	45.997	ng	97
65) 4,6-Dinitro-2-methylphenol	15.52	198	246302	37.720	ng	89
66) n-Nitrosodiphenylamine	15.64	169	1527609	46.413	ng	99
67) 4-Bromophenyl-phenylether	16.32	248	541832	45.633	ng	96
68) Hexachlorobenzene	16.42	284	602403	45.319	ng	99
69) Atrazine	16.60	200	552120	46.402	ng	99
70) Pentachlorophenol	16.77	266	759380	87.229	ng	99
71) Phenanthrene	17.17	178	2772786	49.130	ng	100
72) Anthracene	17.26	178	2815590	51.881	ng	100
73) Carbazole	17.54	167	2563536	45.977	ng	100
74) Di-n-butylphthalate	18.09	149	3120279	51.089	ng	100
75) Fluoranthene	19.19	202	3312166	50.903	ng	97
77) Benzidine	19.39	184	505678	17.863	ng	100
78) Pyrene	19.56	202	3399443	50.022	ng	100
80) Butylbenzylphthalate	20.46	149	1471709	50.751	ng	98
81) Benzo(a)anthracene	21.30	228	3408407	50.464	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	298175	11.675	ng	99
83) Chrysene	21.36	228	3195375	48.992	ng	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	2106827	50.313	ng	100
85) Di-n-octyl phthalate	22.12	149	3736150	53.049	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3889233	51.713	ng	97
88) Benzo(b)fluoranthene	22.90	252	3367394	50.440	ng	99
89) Benzo(k)fluoranthene	22.95	252	3346542	49.740	ng	99
90) Benzo(a)pyrene	23.49	252	3274193	51.228	ng	98
91) Dibenzo(a,h)anthracene	25.90	278	3277556	50.610	ng	99
92) Benzo(g,h,i)perylene	26.60	276	3226247	51.194	ng	97

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



#1

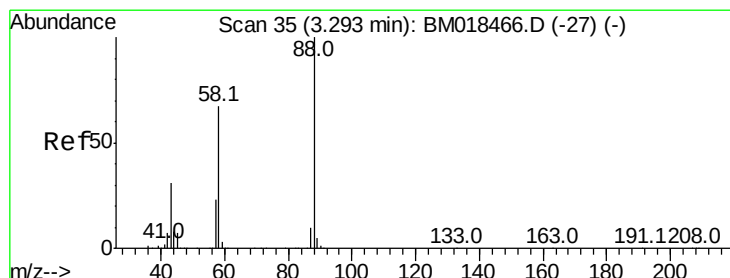
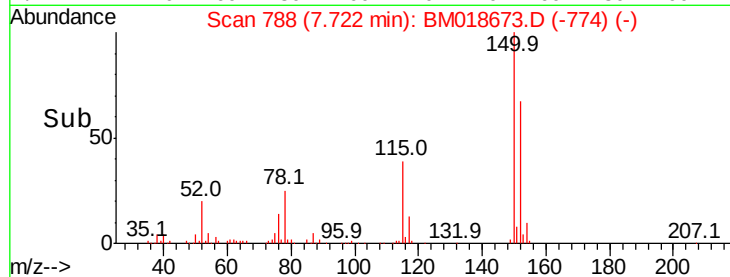
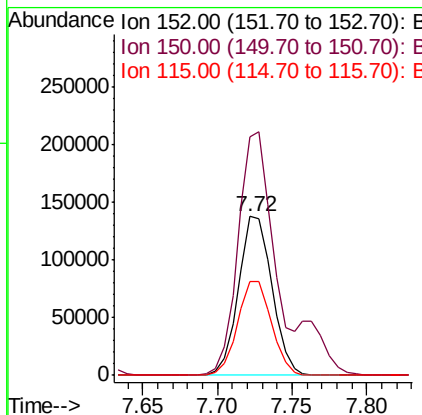
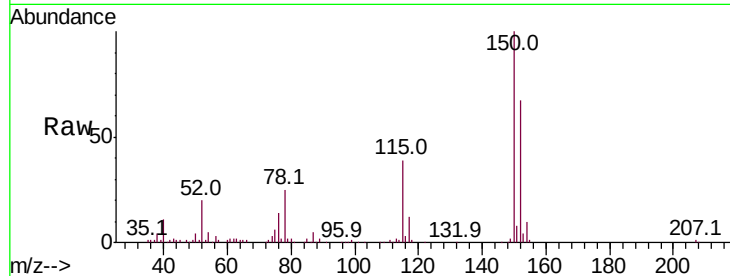
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	126.9	190.3
115	58.8	45.5	68.3

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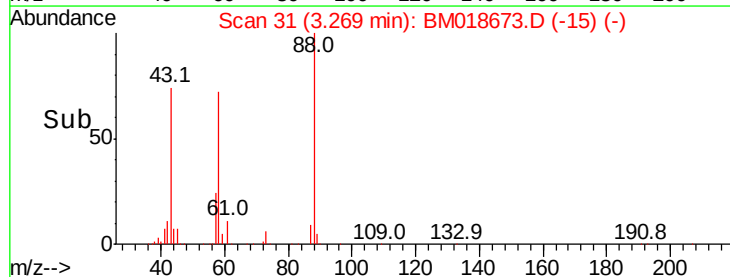
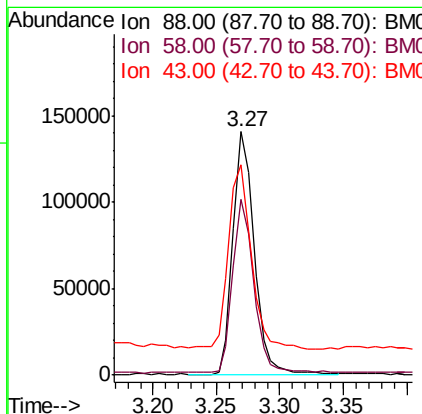
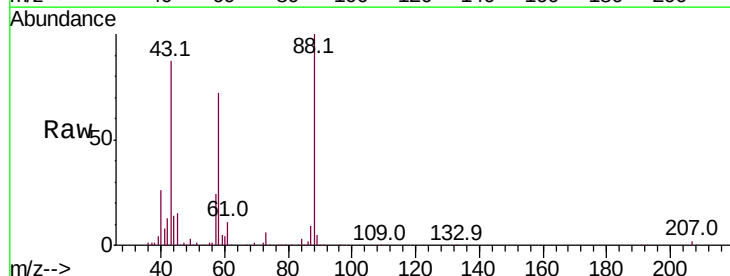
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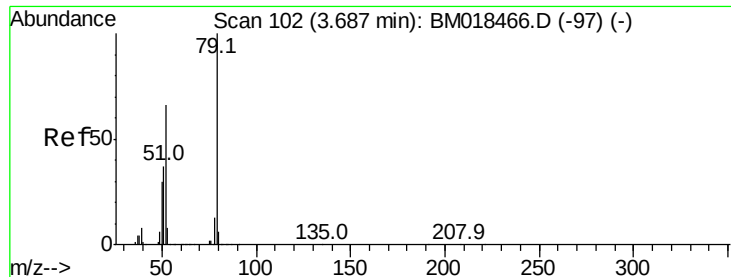


#2

1,4-Dioxane
Concen: 34.239 ng
RT: 3.27 min Scan# 31
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	58.4	87.6
43	81.8	26.2	39.4#





#3

Pvridine

Concen: 35.087 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

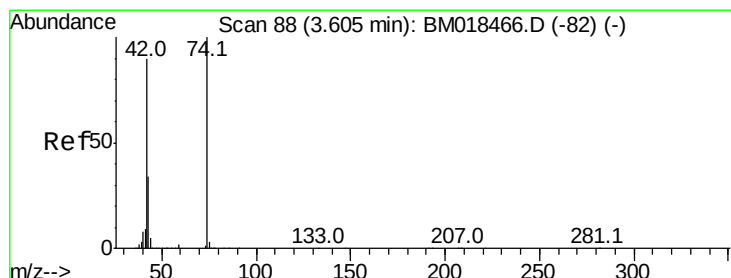
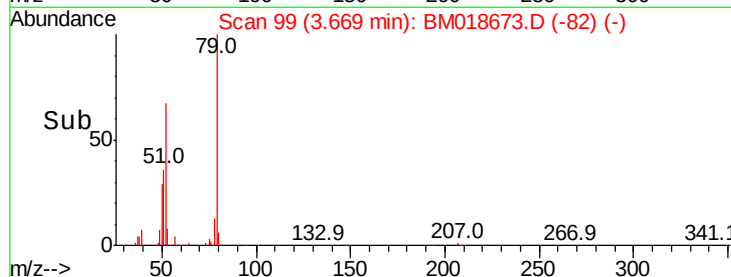
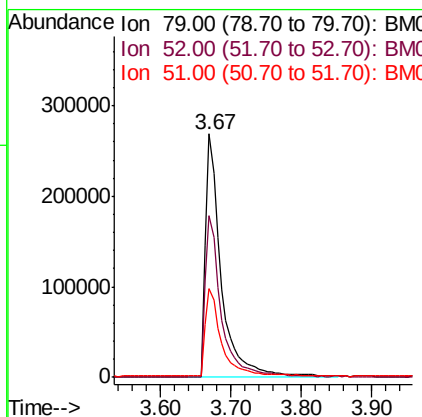
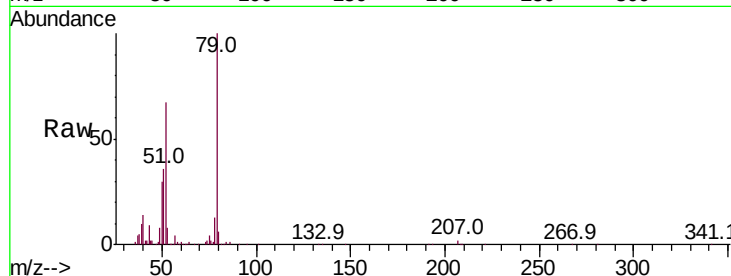
ClientSampleId :

OR-01-012519-AMS

Tot Ion:	79	Resp:	414706
Ion	Ratio	Lower	Upper
79	100		
52	66.5	56.4	84.6
51	36.4	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 49.089 ng

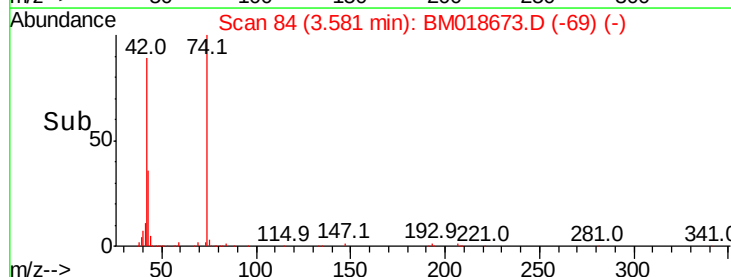
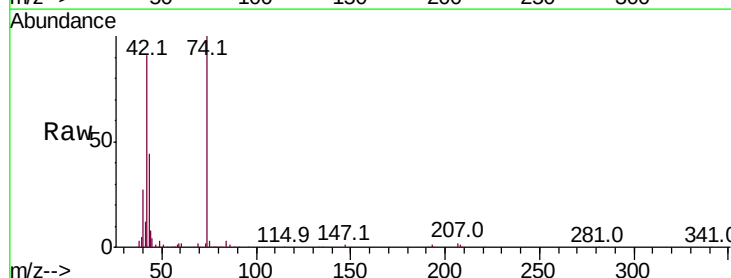
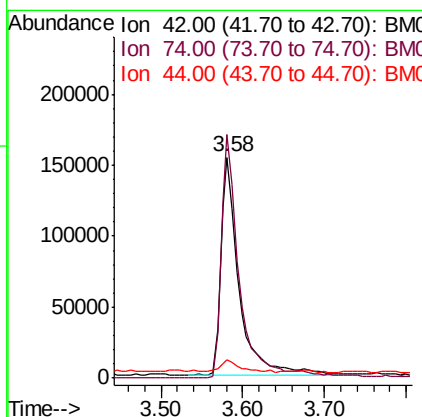
RT: 3.58 min Scan# 84

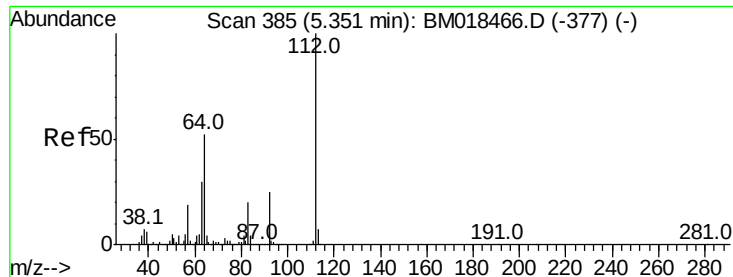
Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tgt Ion:	42	Resp:	239919
Ion	Ratio	Lower	Upper
42	100		
74	110.4	88.6	132.8
44	8.3	16.9	25.3





#5

2-Fluorophenol

Concen: 133.380 ng

RT: 5.32 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

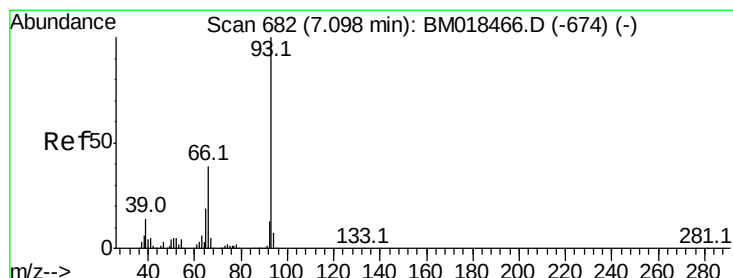
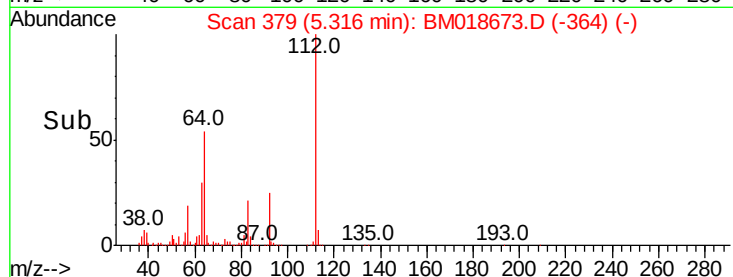
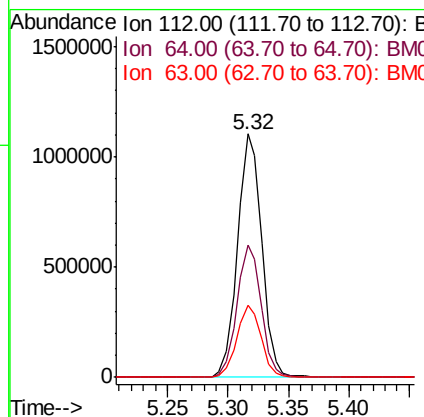
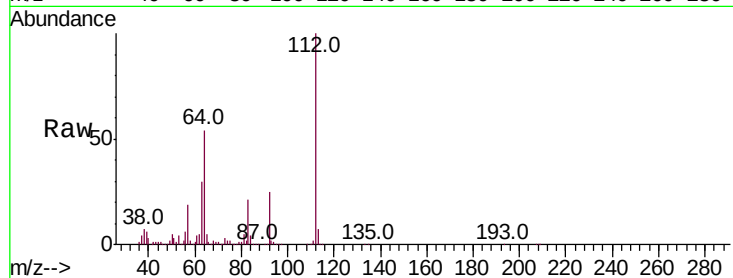
ClientSampleId :

OR-01-012519-AMS

Tot Ion:	112	Resp:	1551403
Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.5	69.7
63	29.8	25.2	37.8

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#6

Aniline

Concen: 10.125 ng

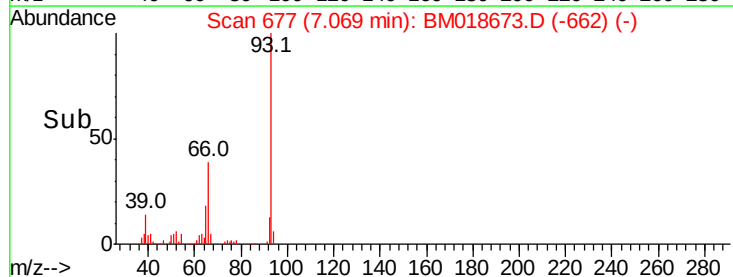
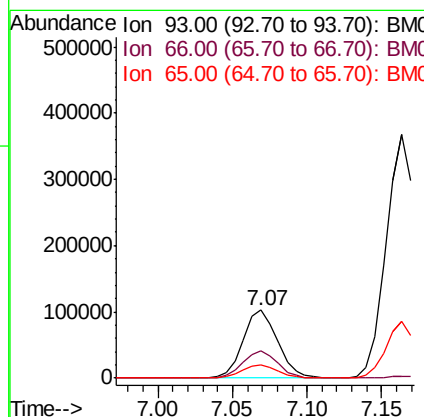
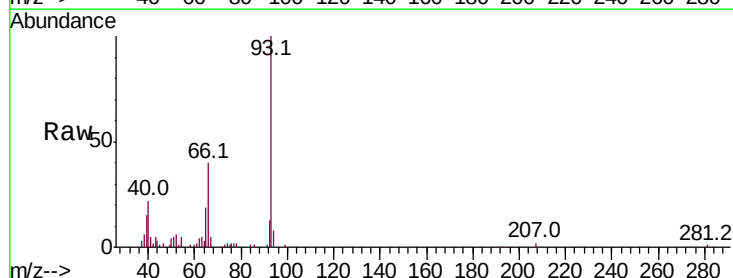
RT: 7.07 min Scan# 677

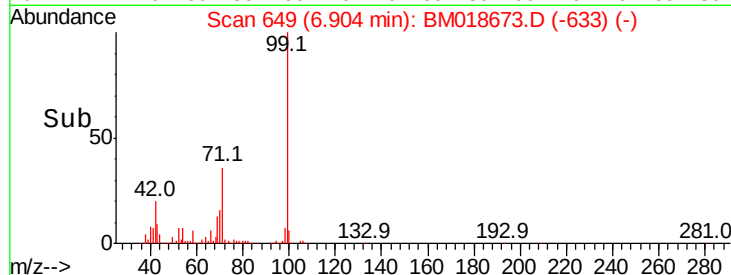
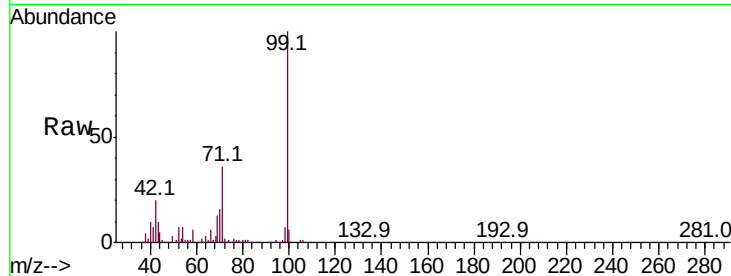
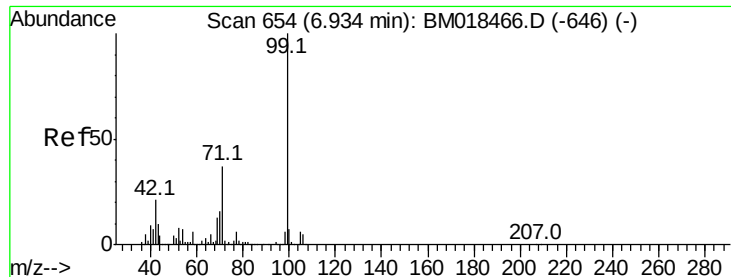
Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tgt Ion:	93	Resp:	166854
Ion	Ratio	Lower	Upper
93	100		
66	39.6	31.7	47.5
65	18.8	15.9	23.9





#7

Phenol-d6

Concen: 123.512 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		1824685		
42	20.4	17.3	25.9		
71	35.7	28.0	42.0		

Instrument :

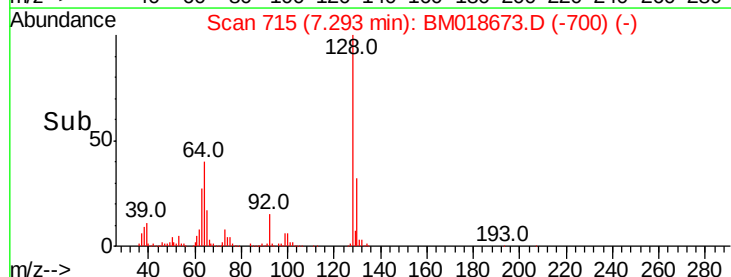
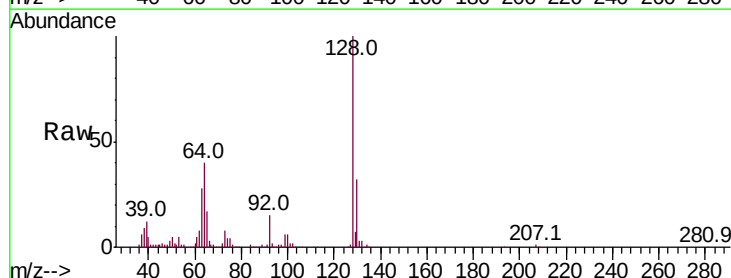
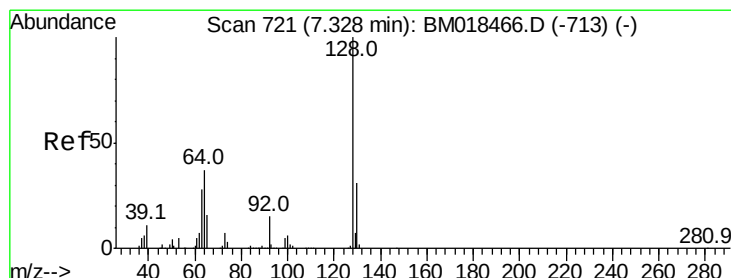
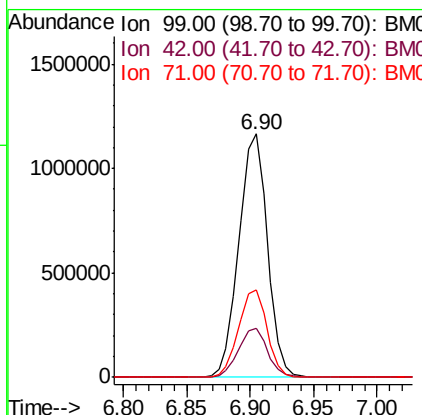
BNA_M

ClientSampleId :

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#8

2-Chlorophenol

Concen: 46.581 ng

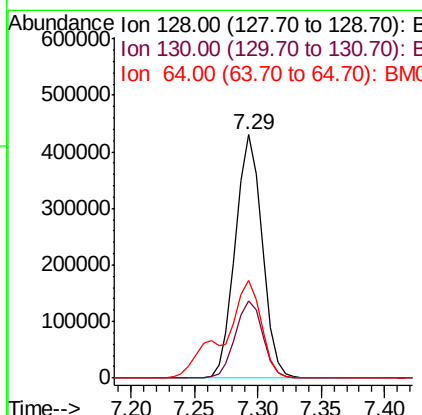
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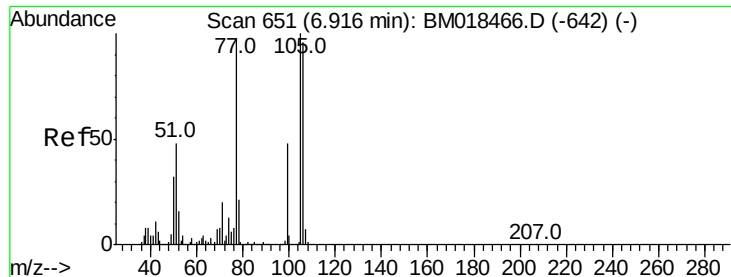
Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		632777		
130	32.0	13.6	53.6		
64	40.2	24.8	64.8		





#9

Benzaldehyde

Concen: 10.597 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

Tot Ion: 77 Resp: 110076

Ion Ratio Lower Upper

77 100

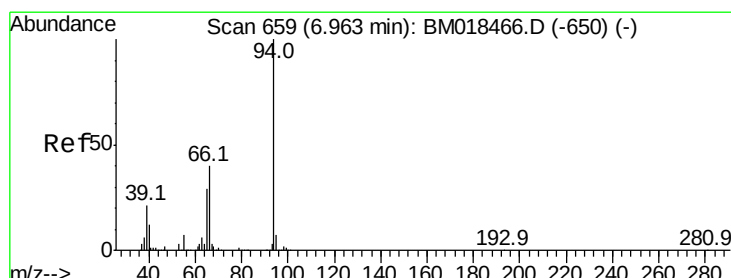
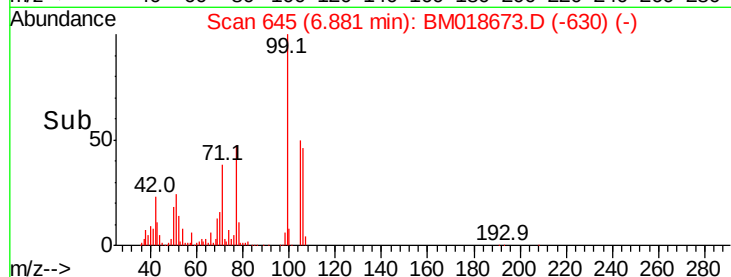
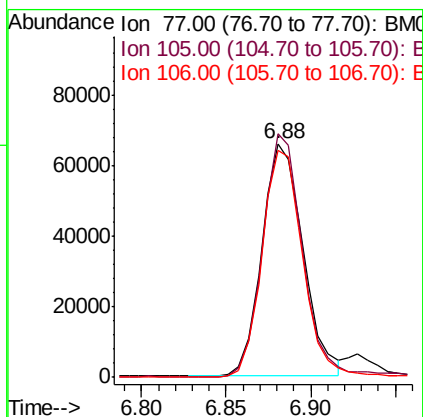
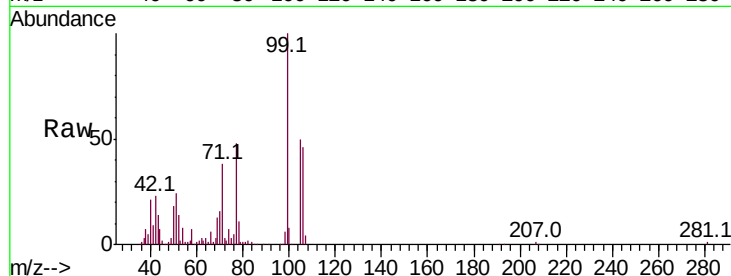
105 104.1 79.7 119.7

106 96.8 75.2 115.2

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#10

Phenol

Concen: 40.621 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

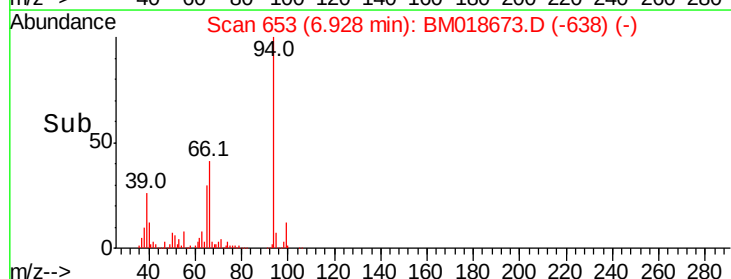
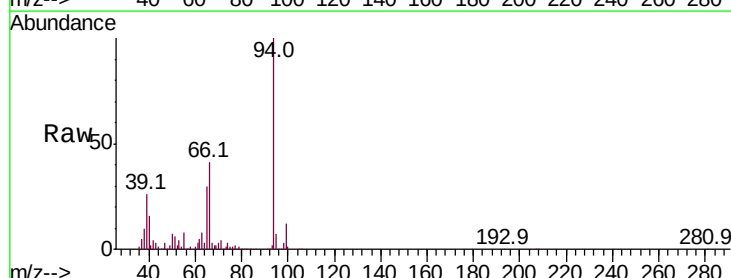
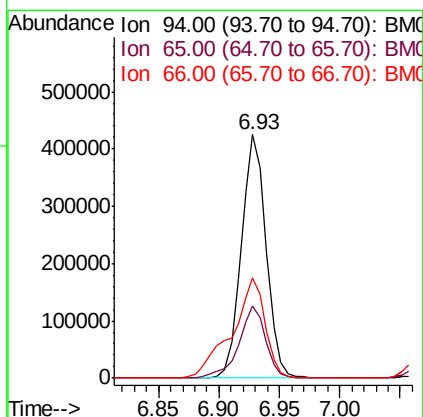
Tgt Ion: 94 Resp: 609804

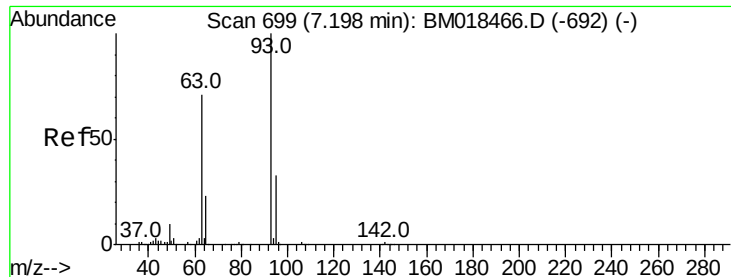
Ion Ratio Lower Upper

94 100

65 29.9 9.4 49.4

66 41.4 19.1 59.1





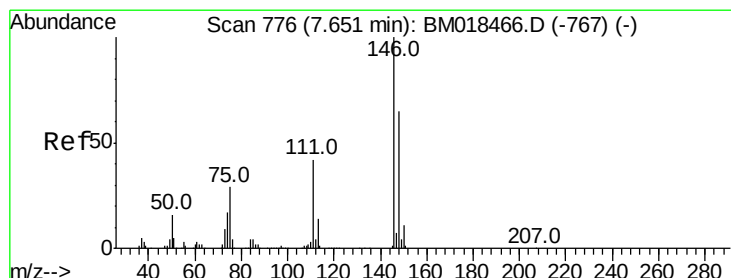
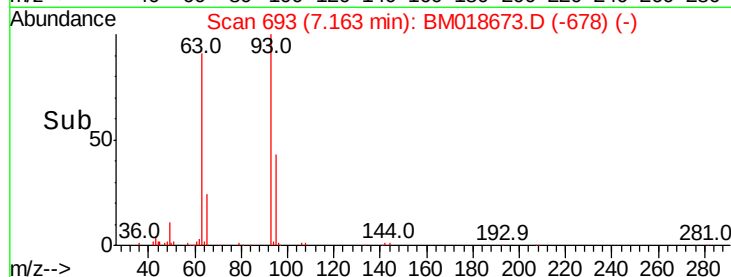
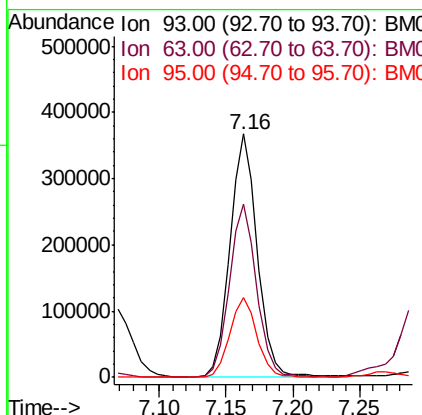
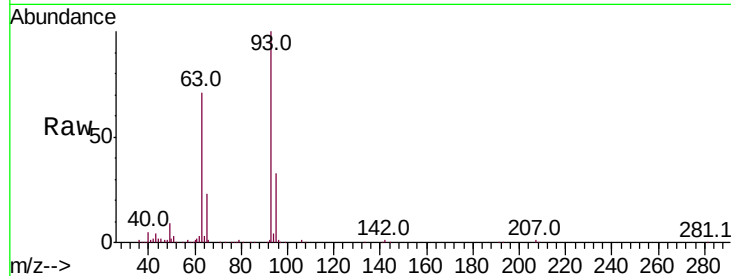
#11
bis(2-Chloroethyl)ether
Concen: 44.104 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	56.4	96.4
95	33.0	12.7	52.7

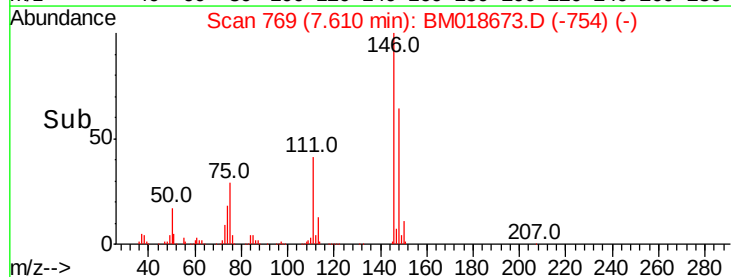
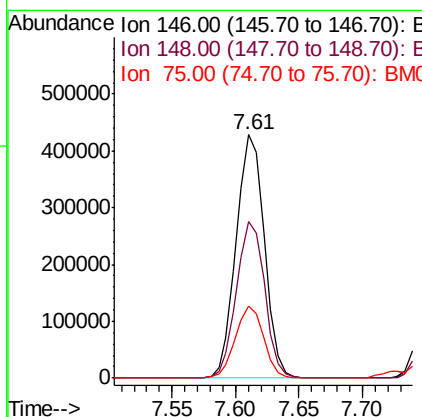
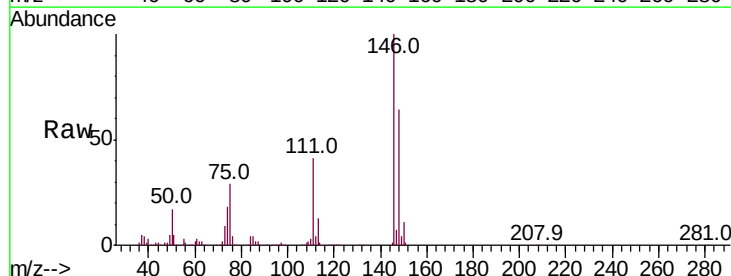
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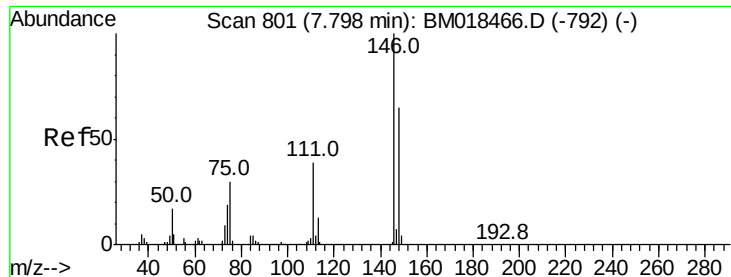
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.831 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
75	29.5	23.0	34.6





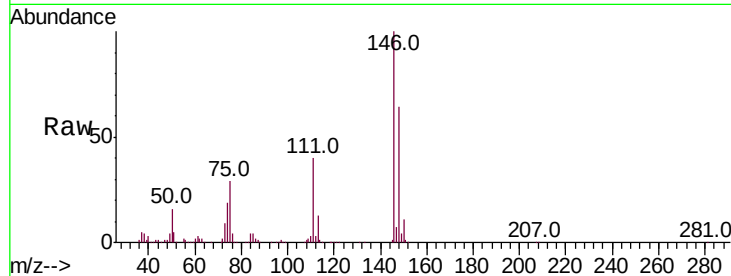
#13
1,4-Dichlorobenzene
Concen: 41.474 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	39.8	32.2	48.2

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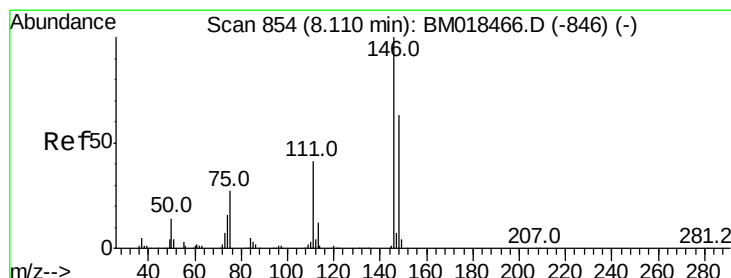
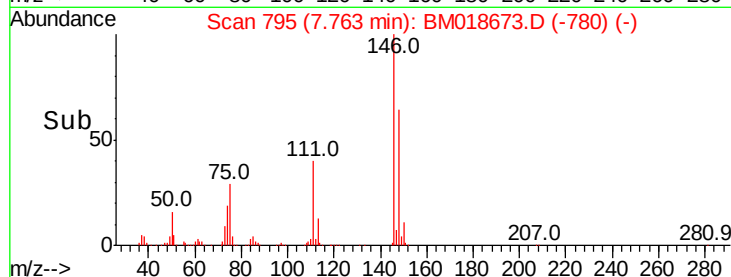
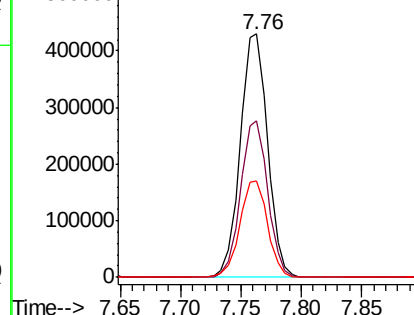


Abundance

Ion 146.00 (145.70 to 146.70): E

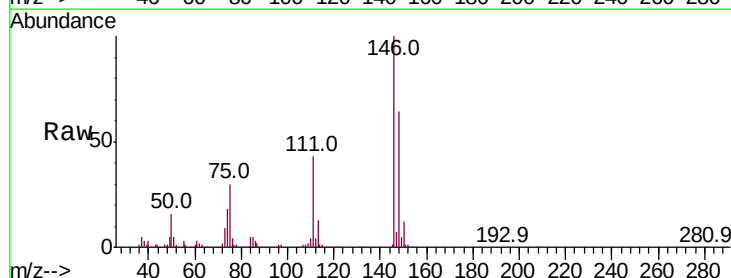
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 41.872 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	42.7	33.8	50.6

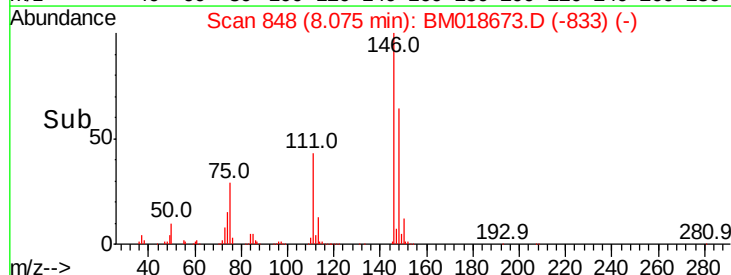
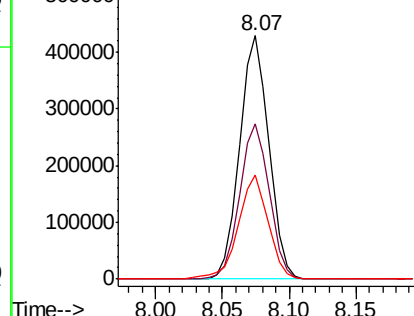


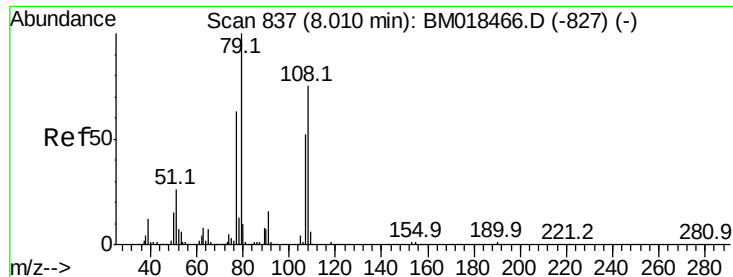
Abundance

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: 46.978 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

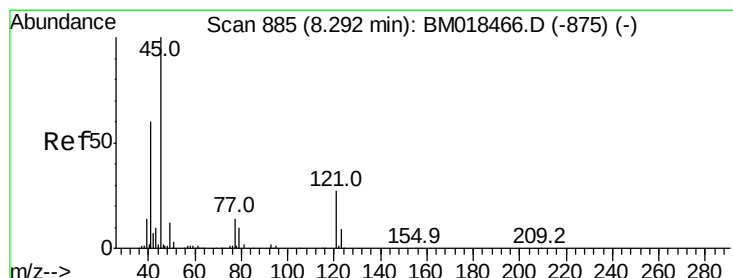
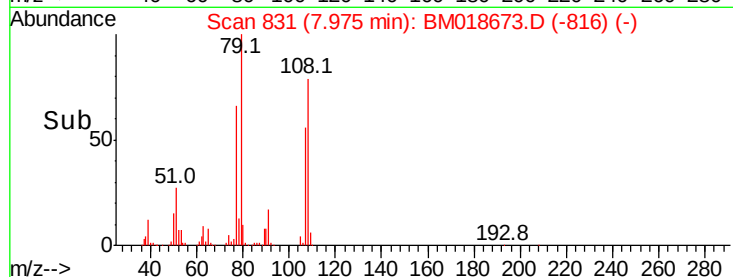
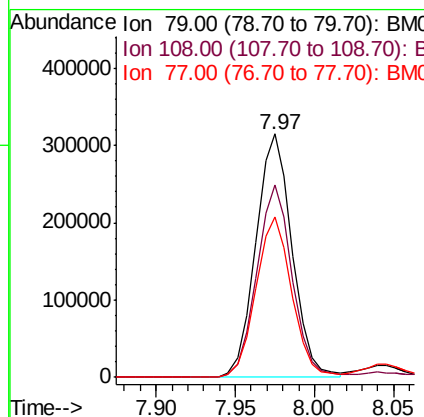
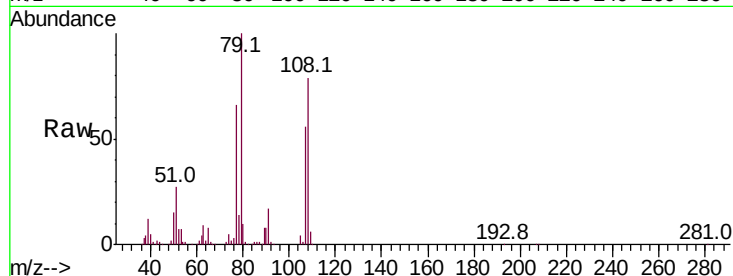
ClientSampleId :

OR-01-012519-AMS

Tot Ion:	79	Resp:	501262
Ion Ratio	Lower	Upper	
79	100		
108	79.0	60.4	90.6
77	65.7	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.366 ng

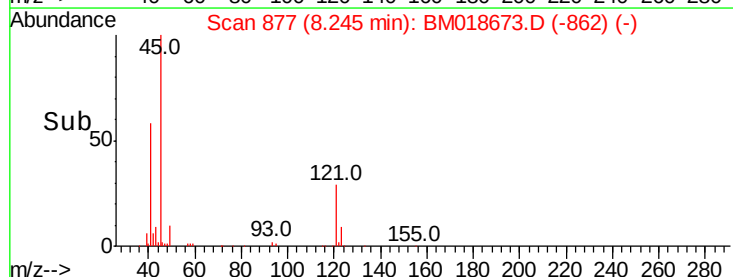
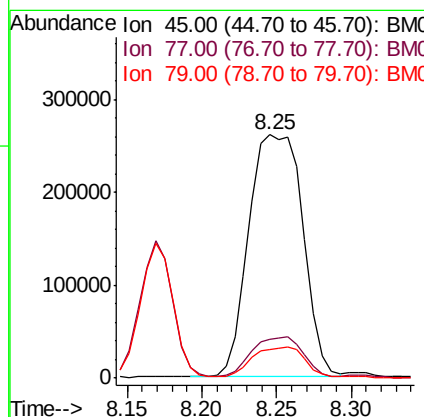
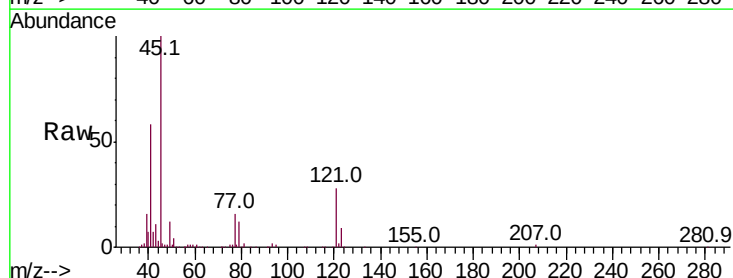
RT: 8.25 min Scan# 877

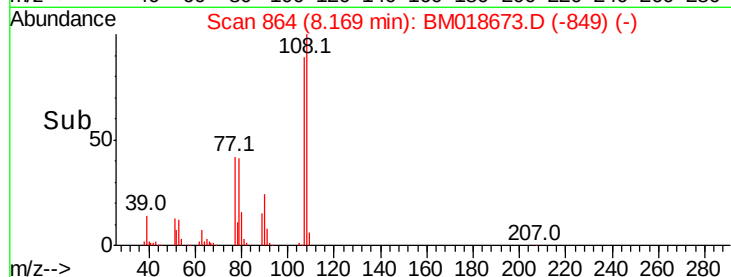
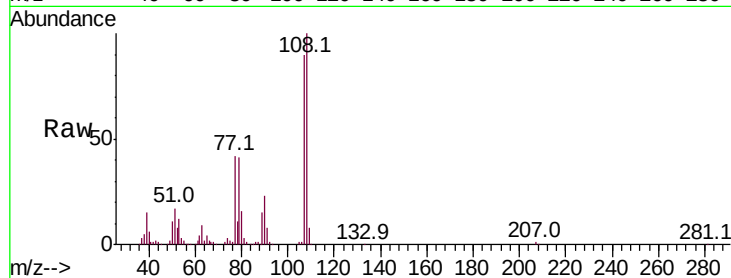
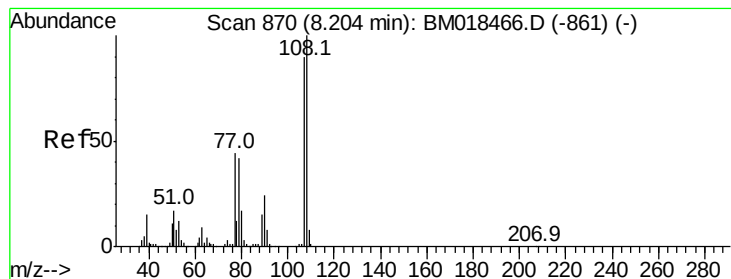
Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tgt Ion:	45	Resp:	653723
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	33.4
79	11.9	0.0	31.1





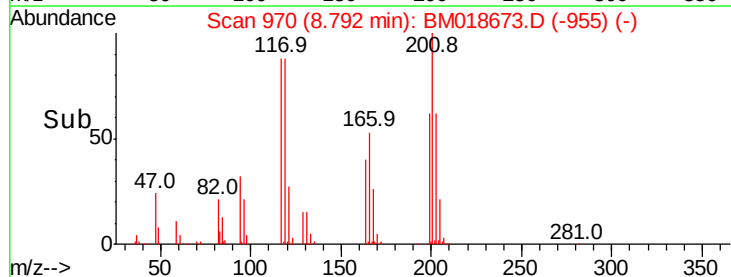
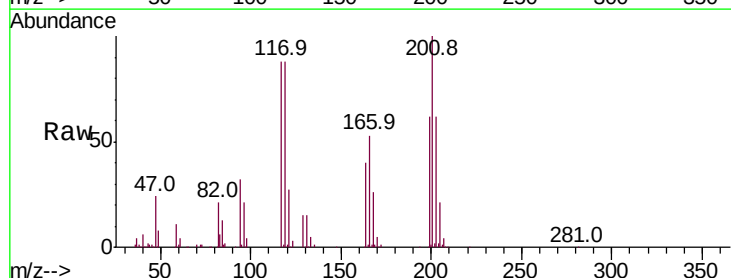
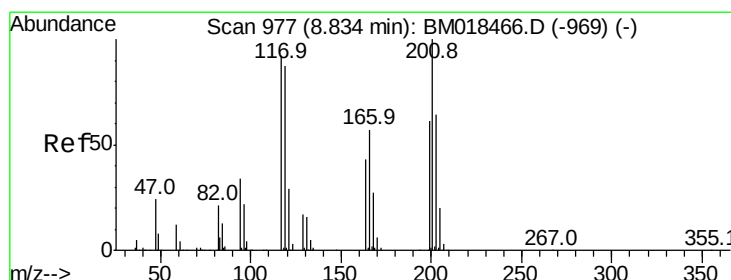
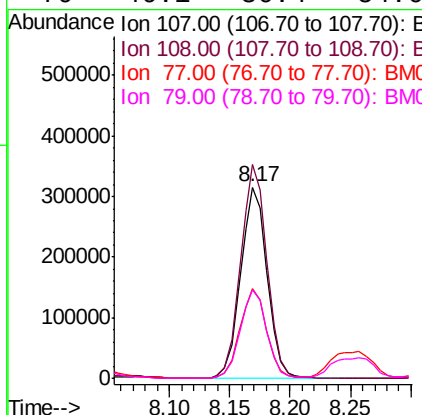
#17
2-Methylphenol
Concen: 47.275 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tot Ion	107	Resp	481738
Ion Ratio	Lower	Upper	
107	100		
108	111.6	87.5	131.3
77	46.6	37.3	55.9
79	46.1	36.4	54.6

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

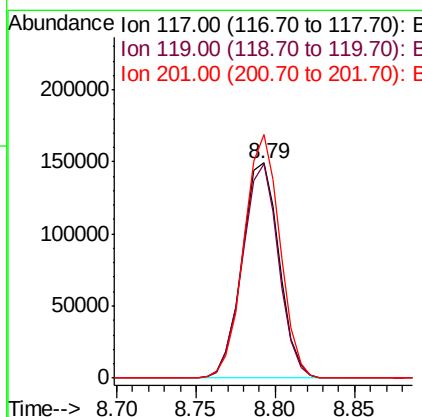
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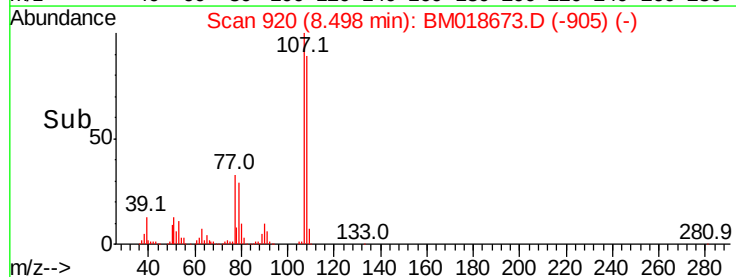
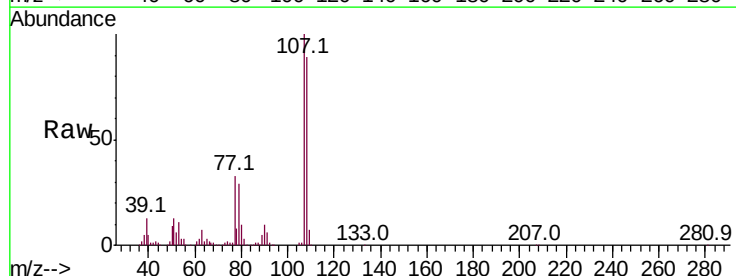
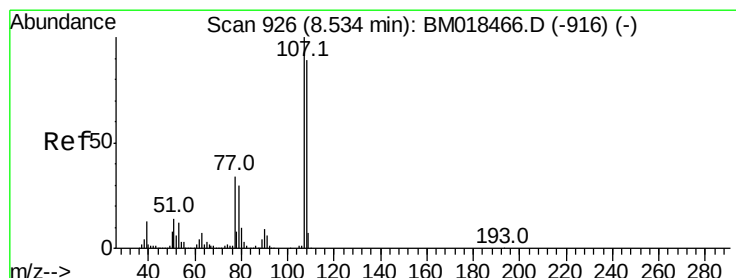
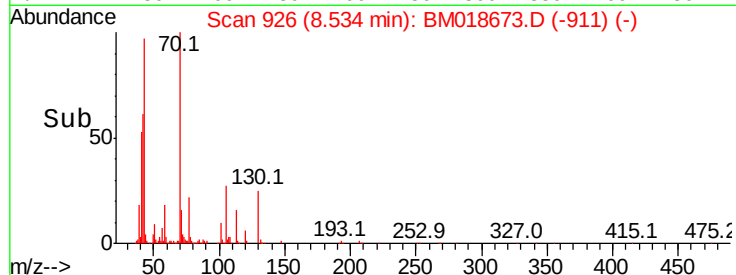
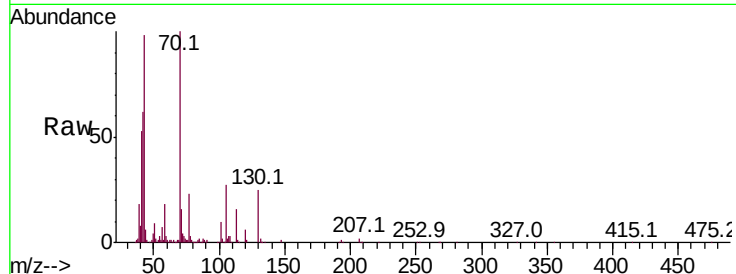
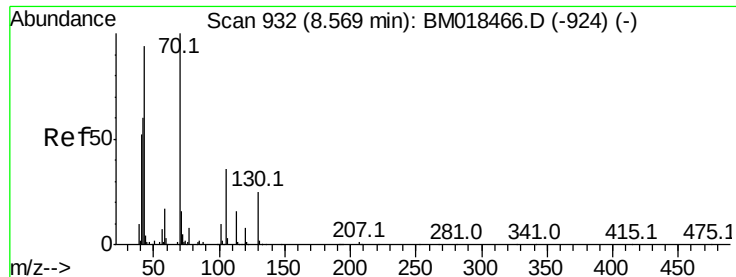
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#18
Hexachloroethane
Concen: 41.585 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

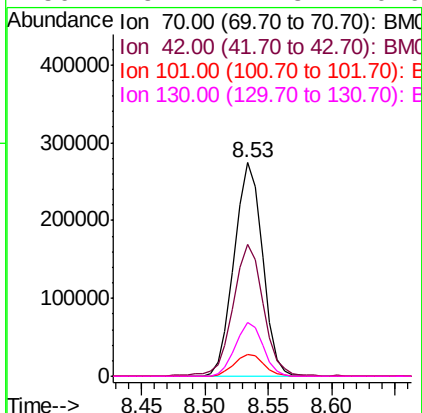
Tgt Ion	117	Resp	243126
Ion Ratio	Lower	Upper	
117	100		
119	99.5	78.3	117.5
201	113.3	81.4	122.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.279 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.6	54.0	81.0
101	10.4	8.1	12.1
130	25.1	17.8	26.6



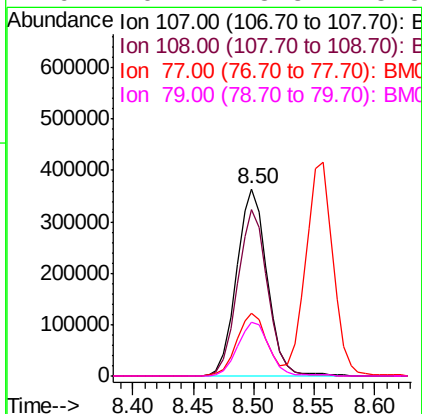
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

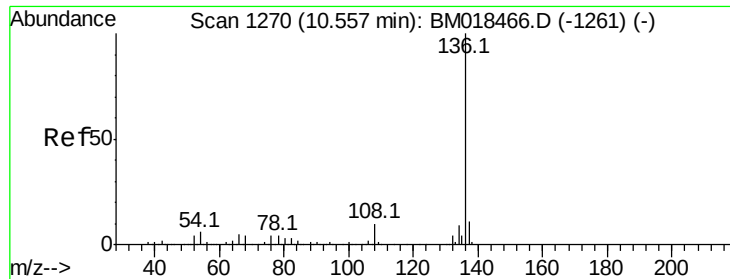
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#20
3+4-Methylphenols
Concen: 45.608 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	66.8	106.8
77	33.5	13.3	53.3
79	29.1	8.8	48.8





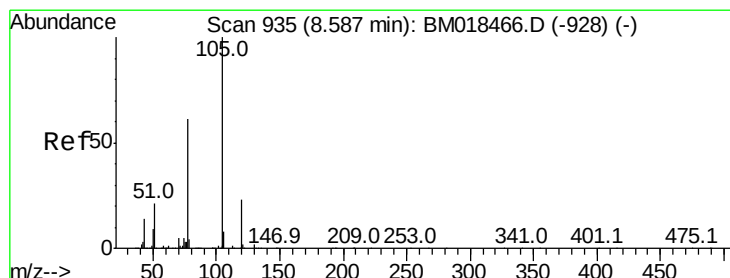
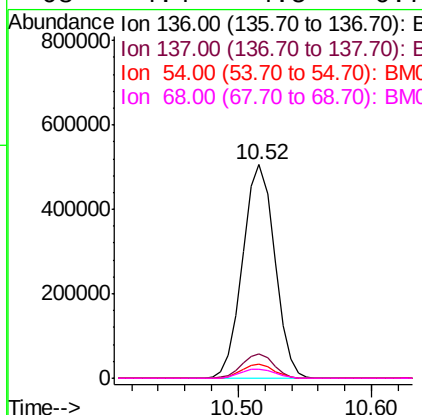
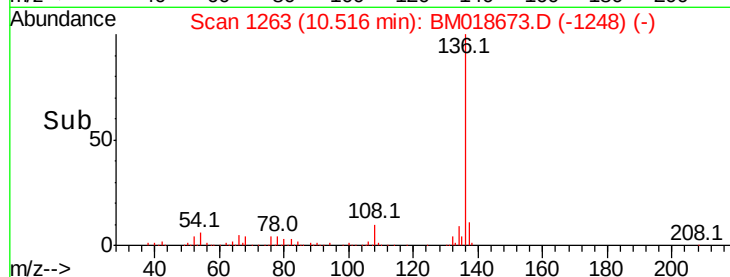
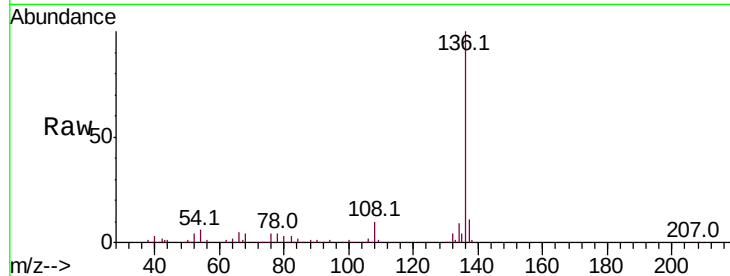
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.5	12.7	
54	6.5	6.0	9.0	
68	4.4	4.5	6.7	#

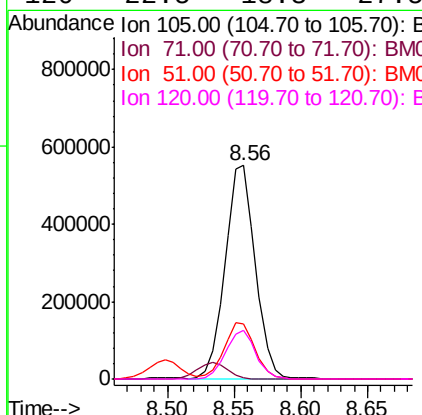
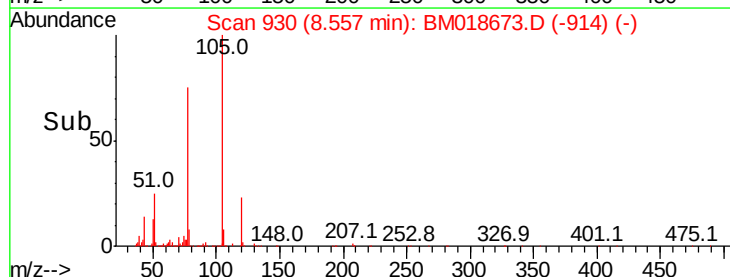
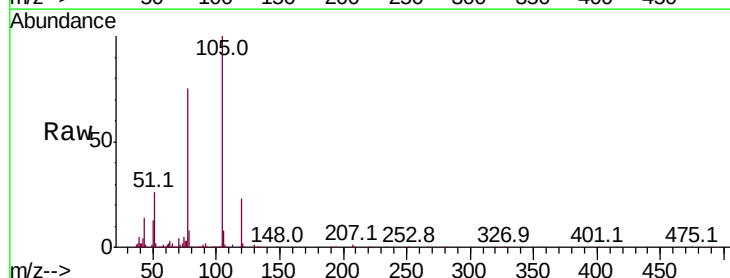
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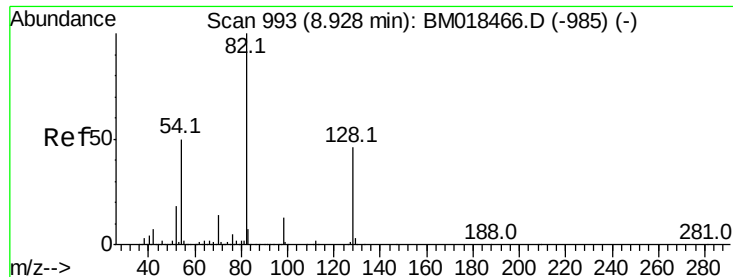
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#22
Acetophenone
Concen: 41.969 ng
RT: 8.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	1.7	2.5	#
51	25.6	22.6	34.0	
120	22.5	18.3	27.5	





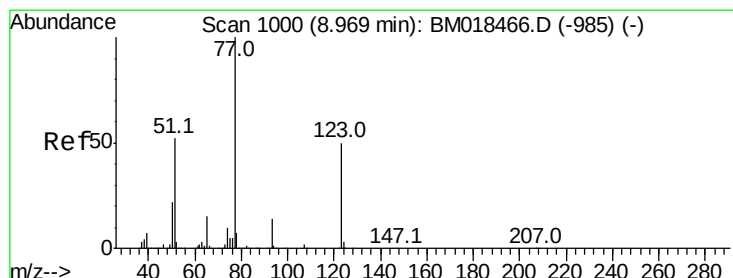
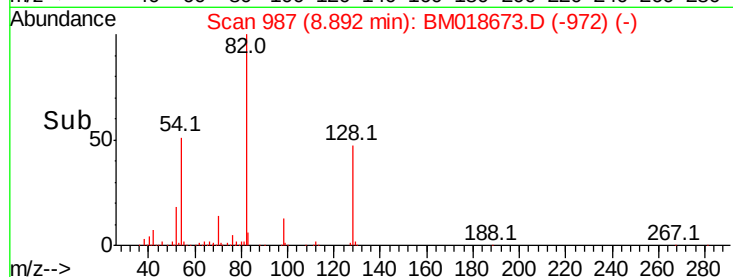
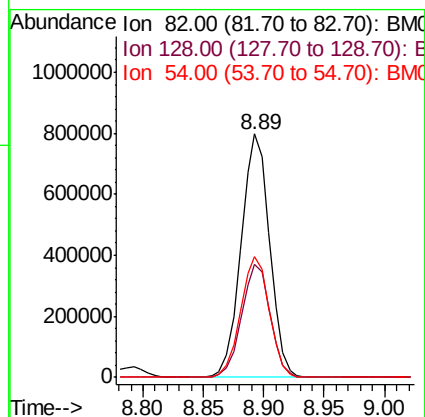
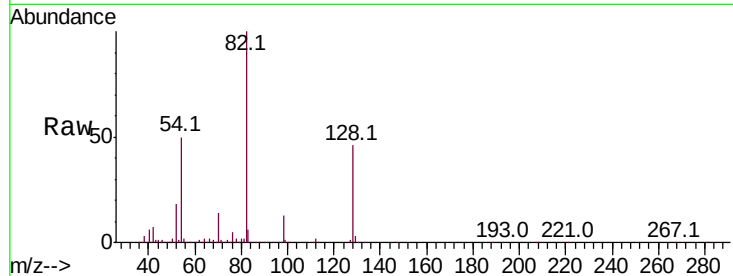
#23
Nitrobenzene-d5
Concen: 90.908 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion: 82 Resp: 1316960
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 49.8 41.7 62.5

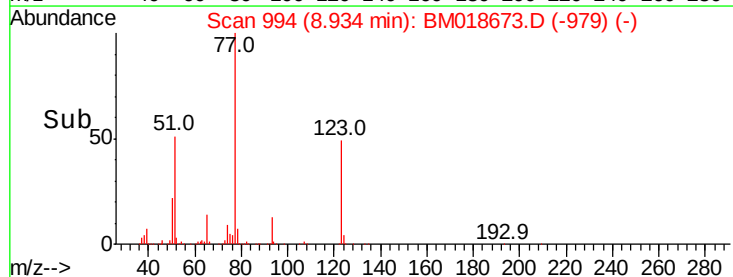
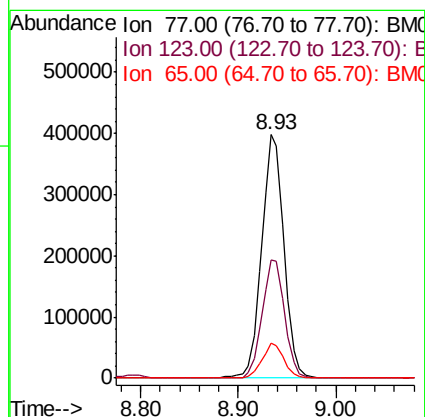
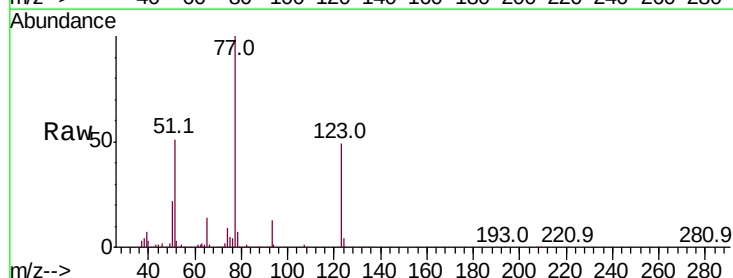
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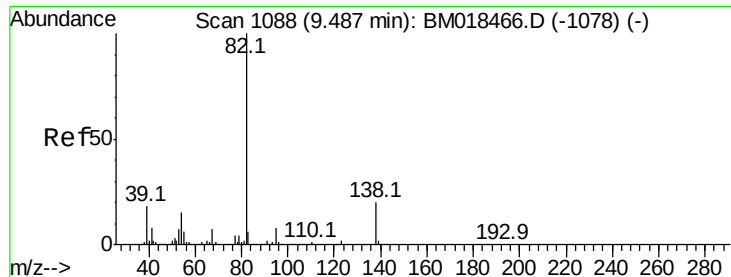
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#24
Nitrobenzene
Concen: 44.827 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion: 77 Resp: 638965
Ion Ratio Lower Upper
77 100
123 48.6 37.7 56.5
65 14.1 11.0 16.6





#25

Isophorone

Concen: 51.877 ng

RT: 9.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

Tot Ion: 82 Resp: 1138018

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

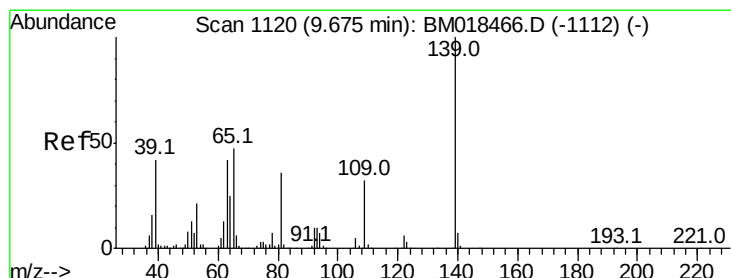
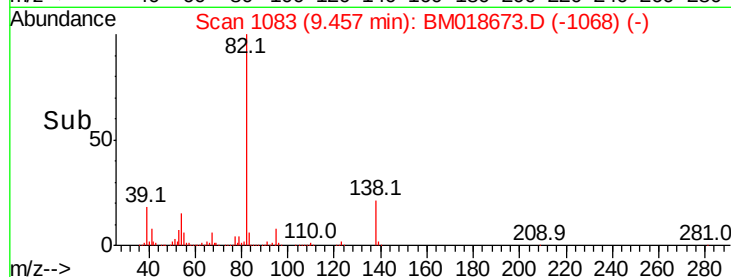
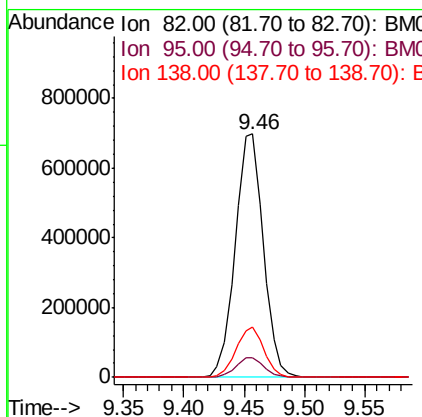
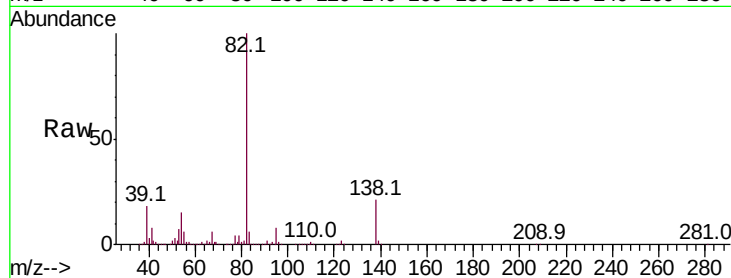
138 20.5 15.1 22.7

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#26

2-Nitrophenol

Concen: 49.440 ng

RT: 9.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

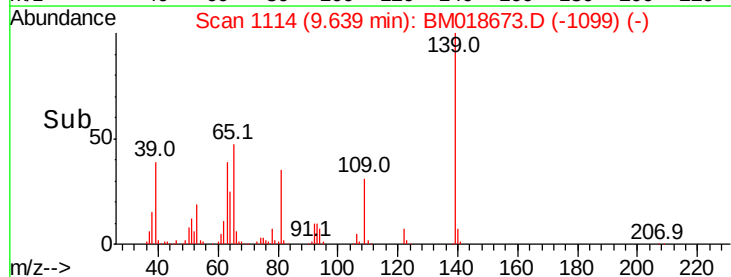
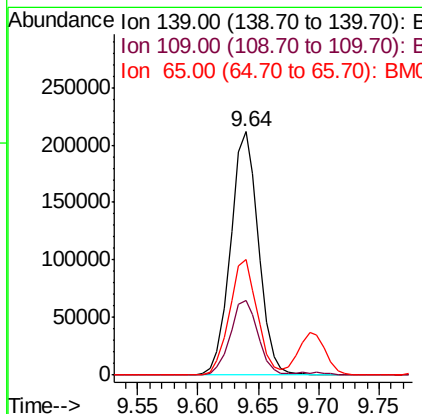
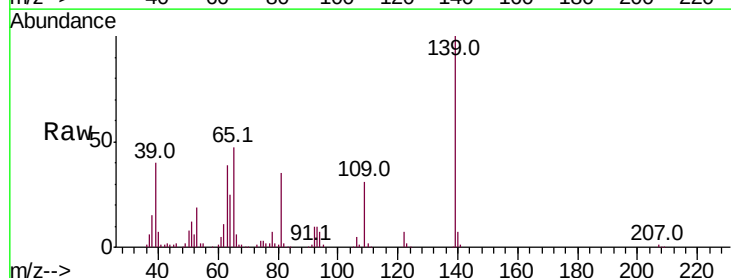
Tgt Ion: 139 Resp: 340757

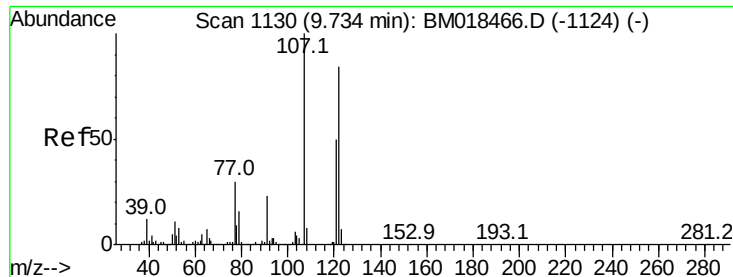
Ion Ratio Lower Upper

139 100

109 30.8 23.4 35.2

65 47.3 39.4 59.2





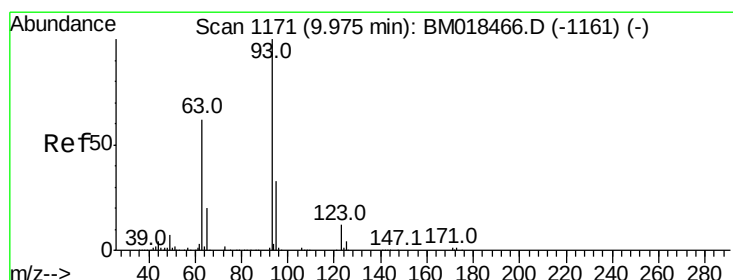
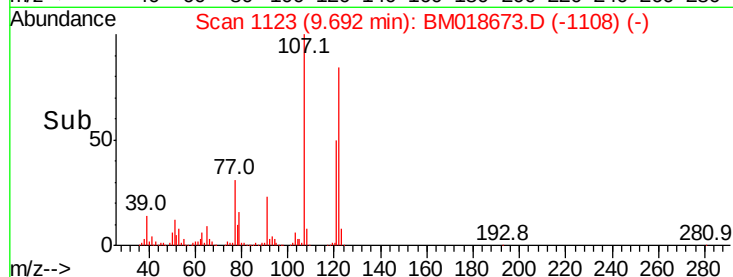
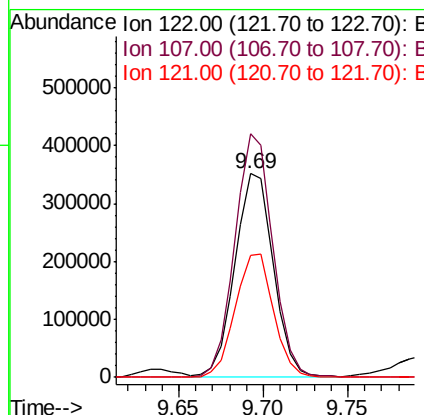
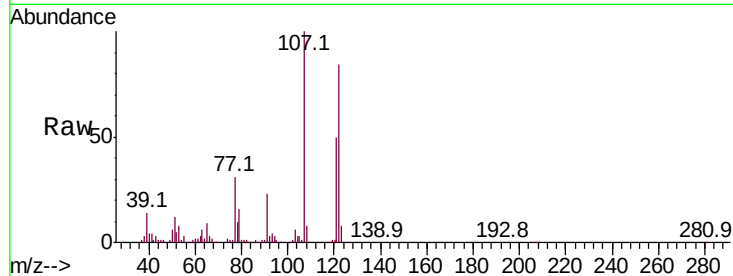
#27
2,4-Dimethylphenol
Concen: 53.656 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	554311		
107	119.6	91.9	137.9	
121	60.0	47.5	71.3	

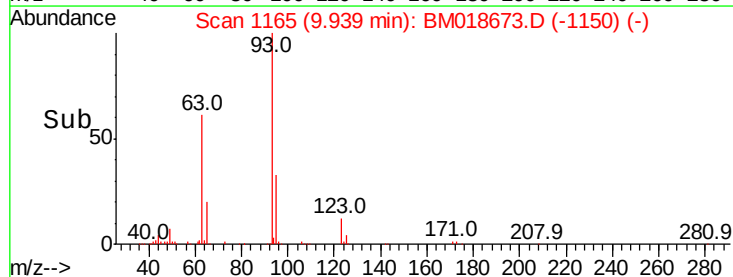
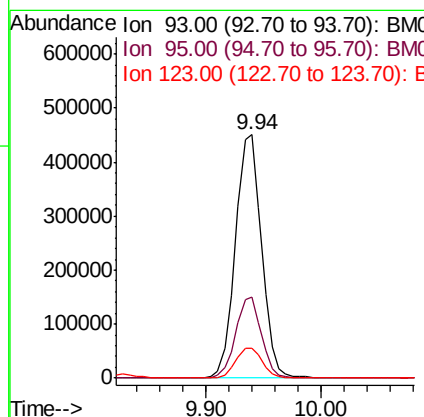
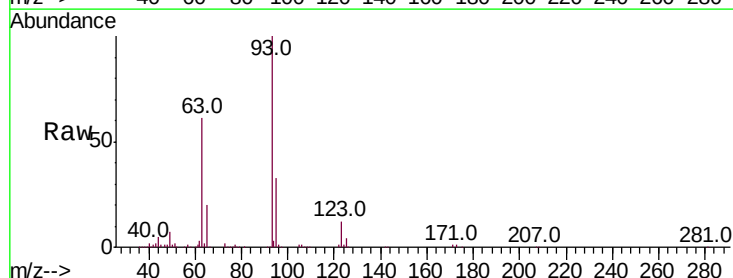
Manual Integrations
APPROVED

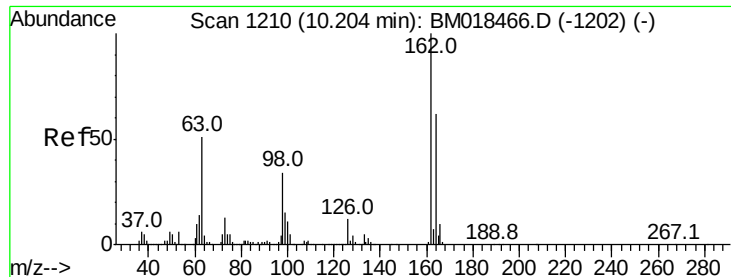
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.732 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	708203		
95	33.3	26.6	39.8	
123	12.2	9.9	14.9	





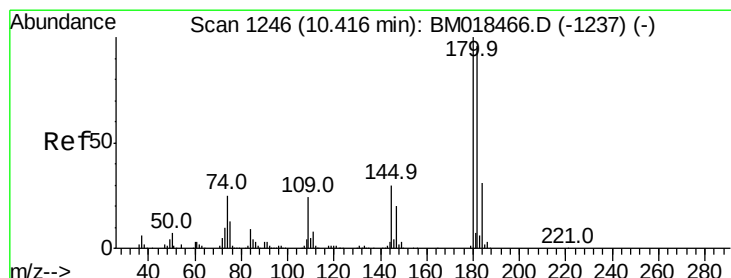
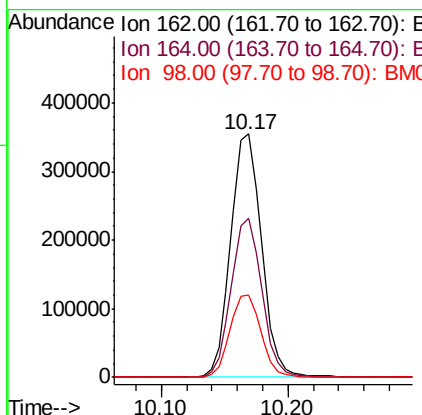
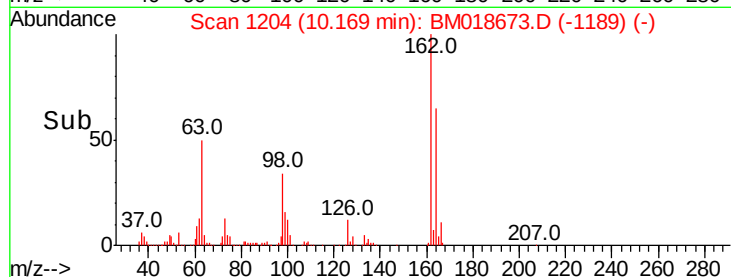
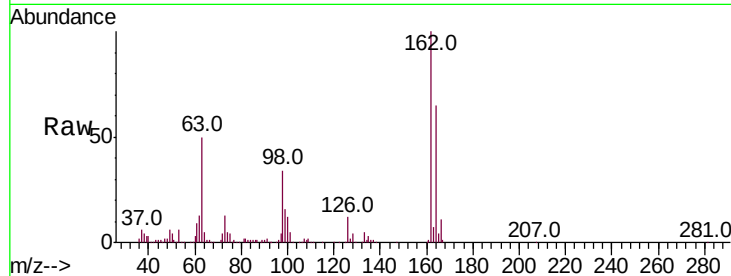
#29
 2,4-Dichlorophenol
 Concen: 48.634 ng
 RT: 10.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	65.1	45.6		85.6	
98	34.0	14.7		54.7	

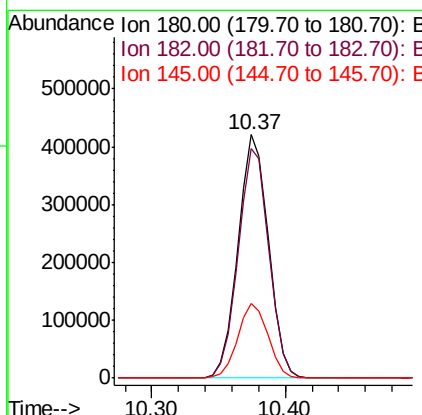
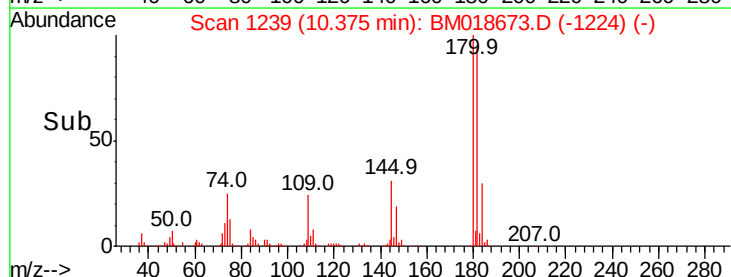
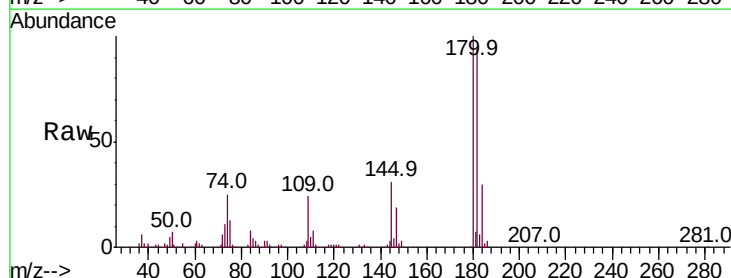
Manual Integrations
 APPROVED

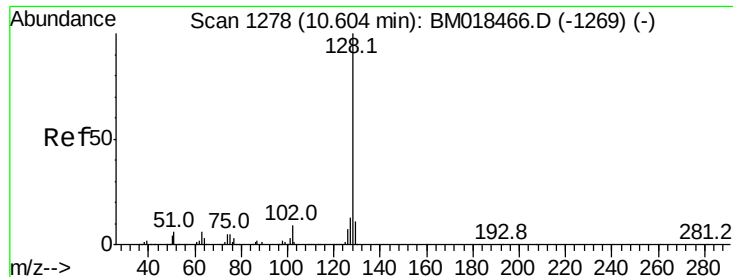
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.312 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	94.2	77.4		116.2	
145	30.6	24.6		37.0	





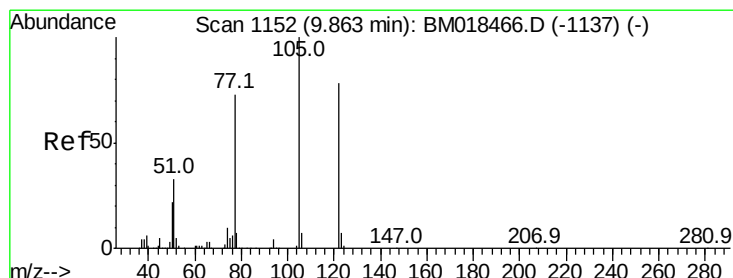
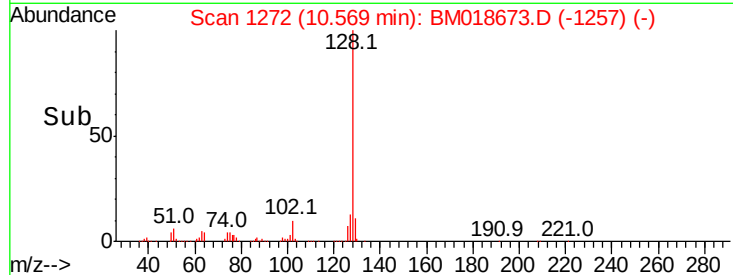
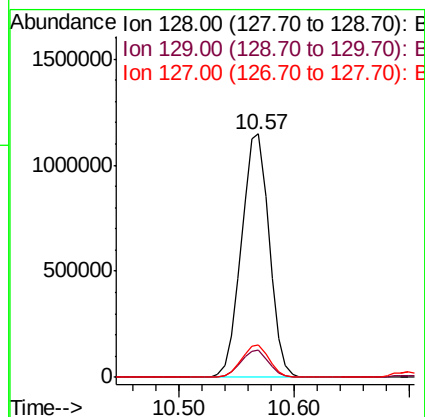
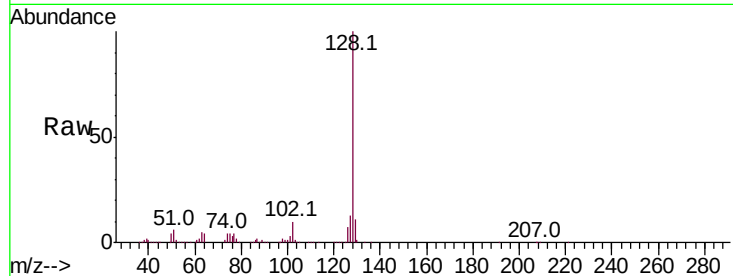
#31
Naphthalene
Concen: 47.362 ng
RT: 10.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.1	10.8	16.2

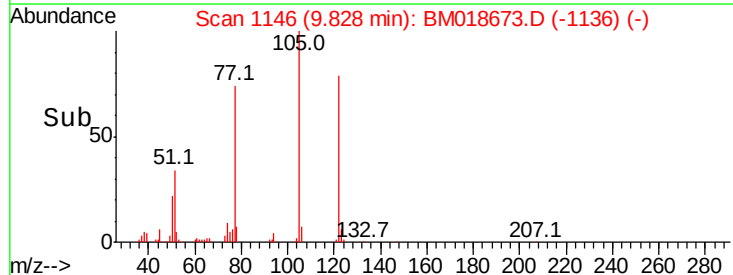
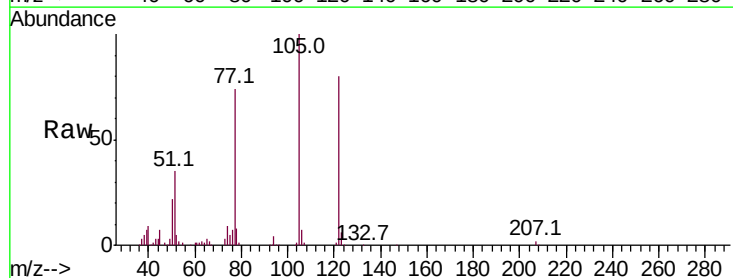
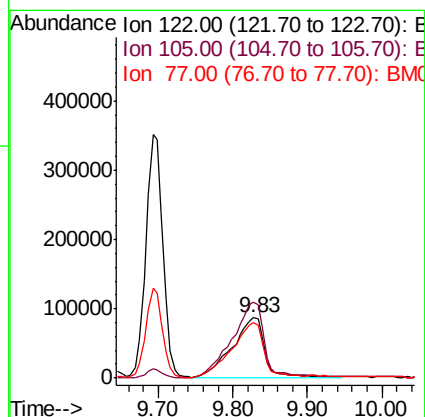
Manual Integrations
APPROVED

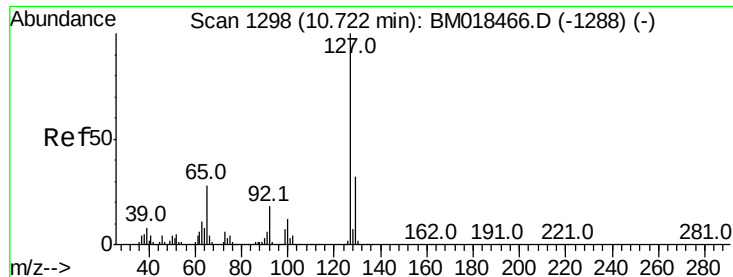
mohammad
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#32
Benzoic acid
Concen: 39.538 ng m
RT: 9.83 min Scan# 1146
Delta R.T. -0.04 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	100.4	140.4
77	92.4	71.7	111.7





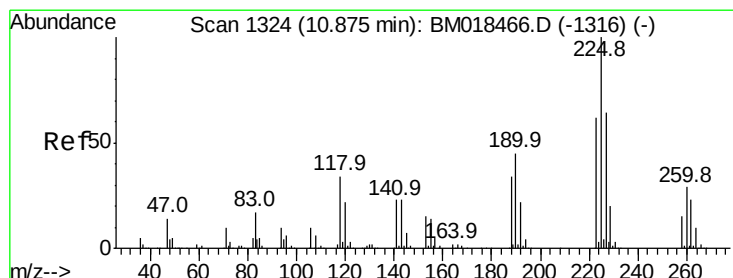
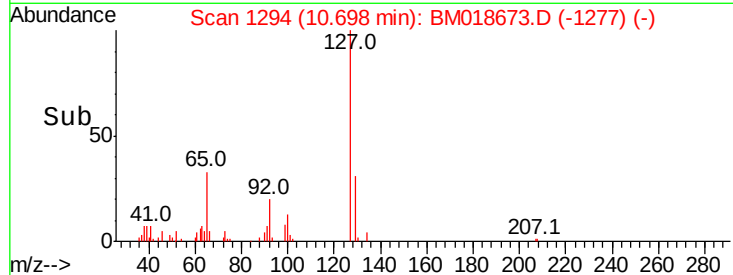
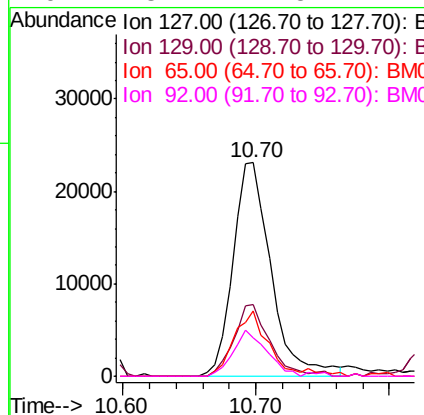
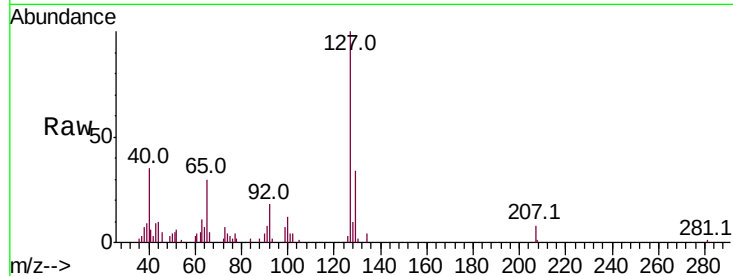
#33
4-Chloroaniline
Concen: 2.881 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.9	25.9	38.9	
65	30.3	23.4	35.2	
92	18.1	14.5	21.7	

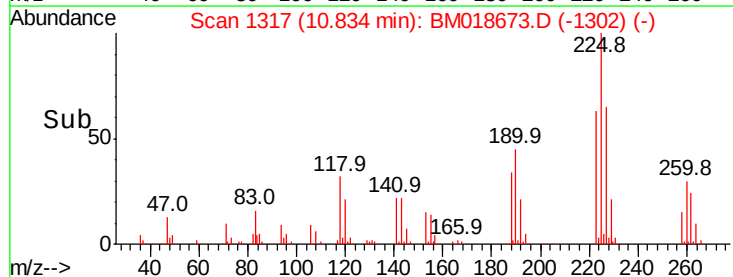
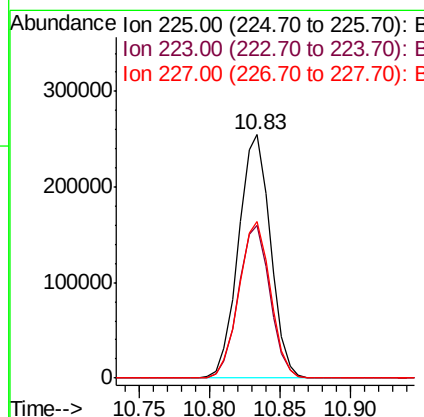
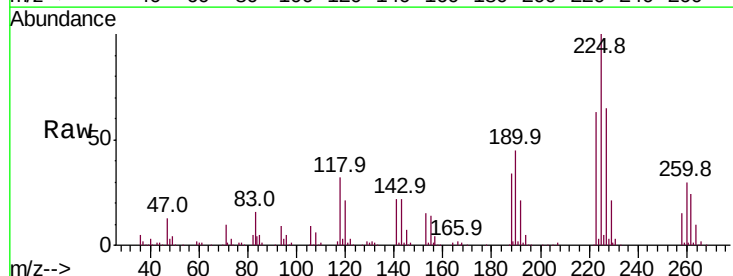
Manual Integrations
APPROVED

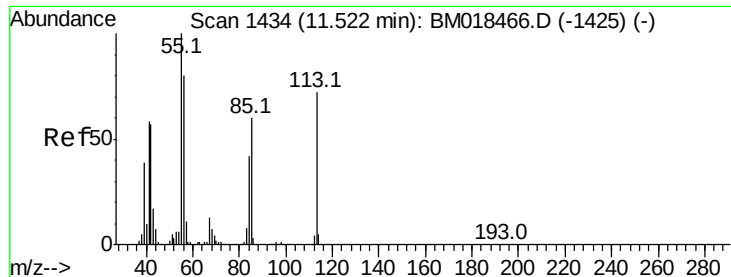
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#34
Hexachlorobutadiene
Concen: 41.764 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	50.8	76.2	
227	64.5	50.4	75.6	





#35

Caprolactam

Concen: 32.895 ng/ml

RT: 11.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

Tot Ion:113 Resp: 137579

Ion Ratio Lower Upper

113 100

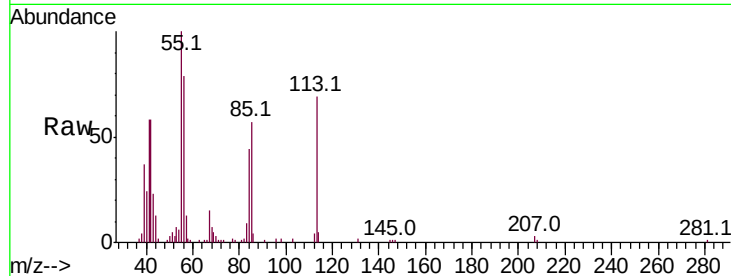
55 144.4 139.3 179.3

56 114.4 101.4 141.4

Manual Integrations
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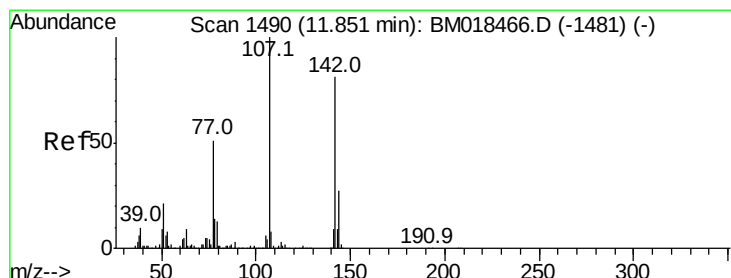
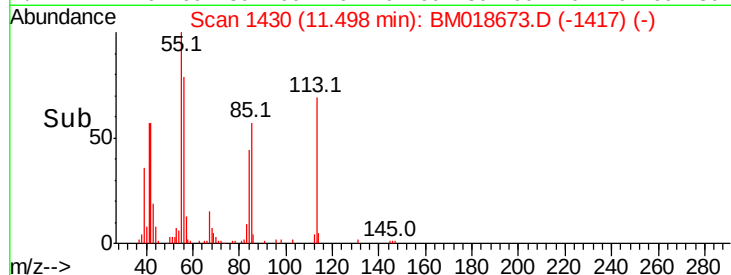
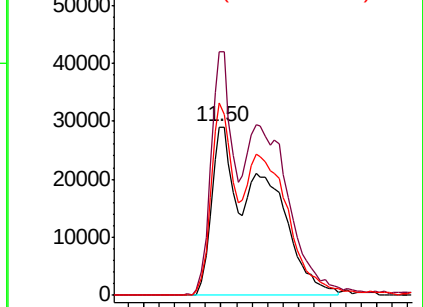
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 47.832 ng/ml

RT: 11.82 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

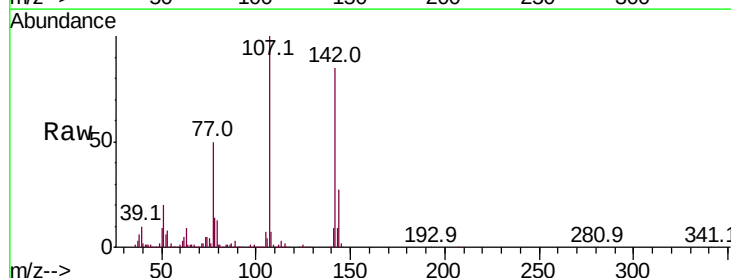
Tgt Ion:107 Resp: 617313

Ion Ratio Lower Upper

107 100

144 27.0 21.9 32.9

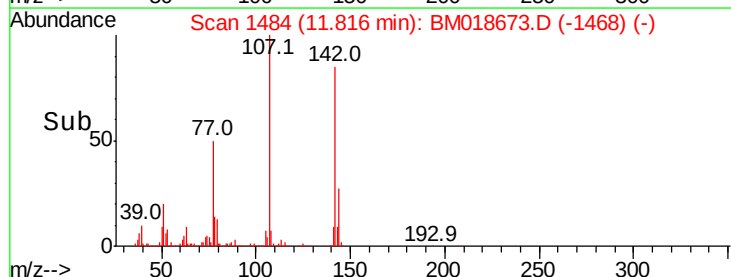
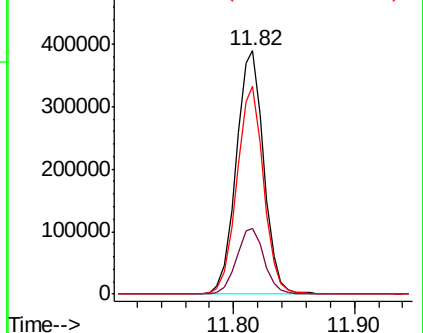
142 85.4 67.9 101.9

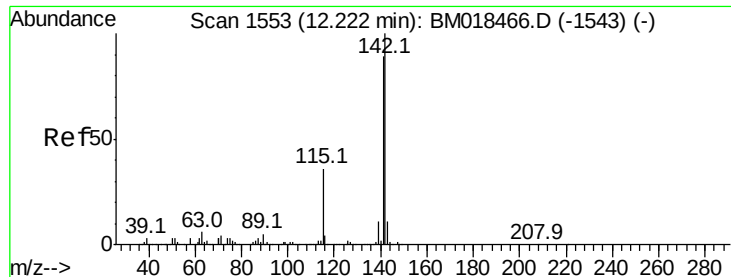


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





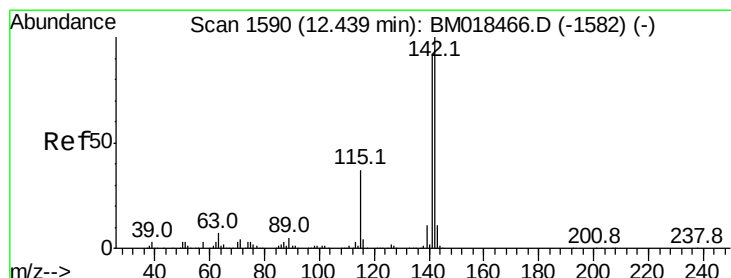
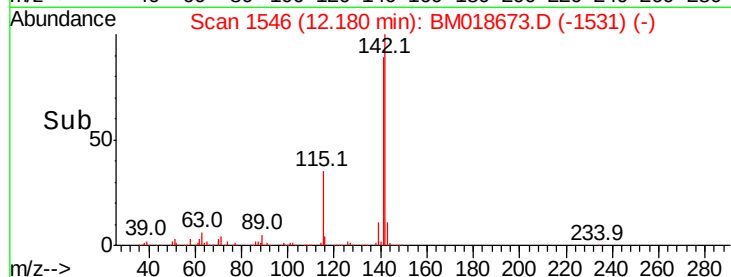
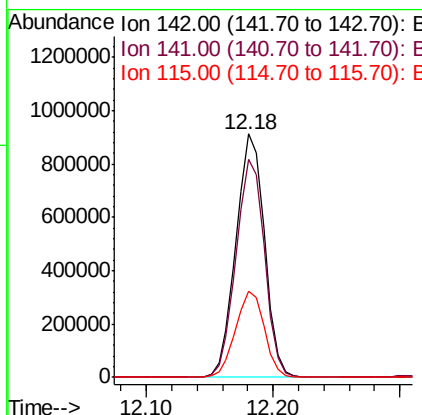
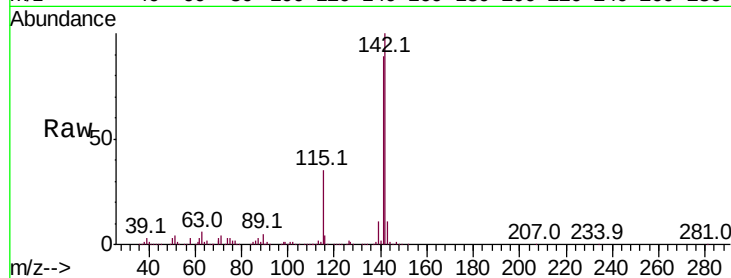
#37
2-Methylnaphthalene
Concen: 49.759 ng
RT: 12.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	35.3	28.0	42.0

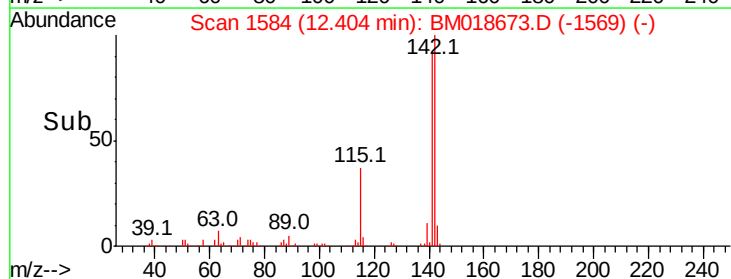
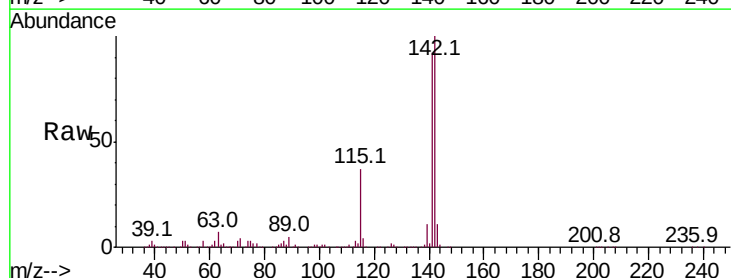
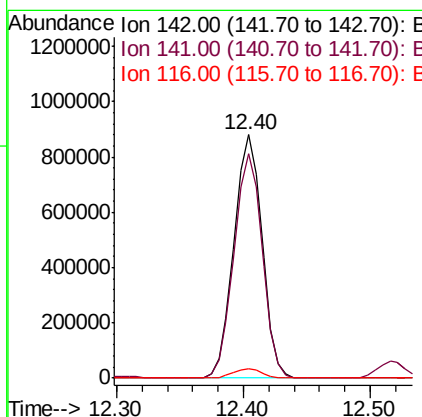
Manual Integrations
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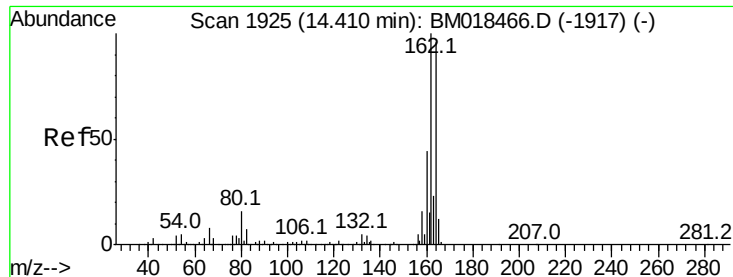
mohammad
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#38
1-Methylnaphthalene
Concen: 48.889 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.6	113.4
116	3.9	3.0	4.6





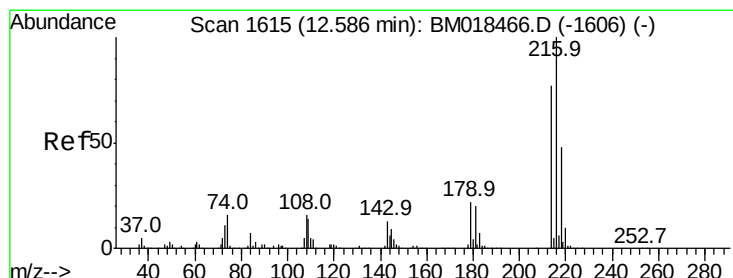
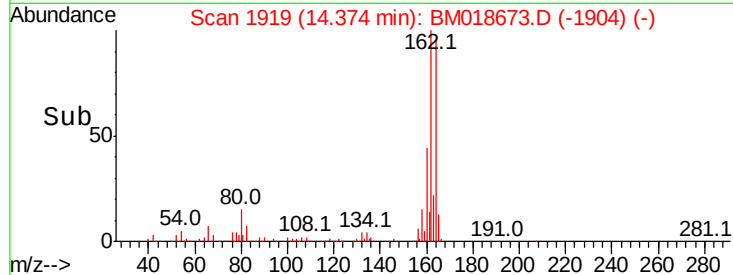
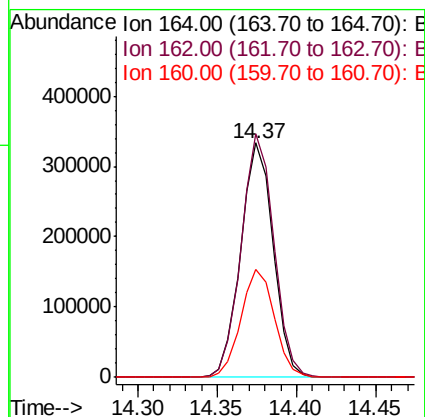
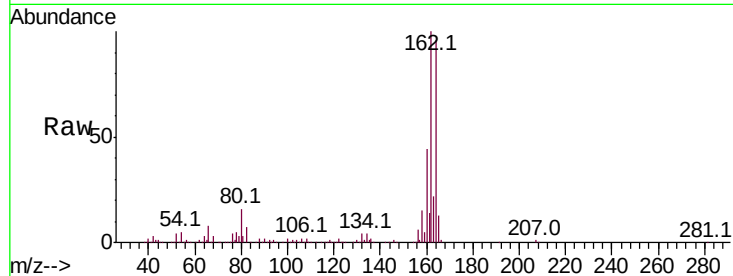
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.4
160	46.0	37.1	55.7

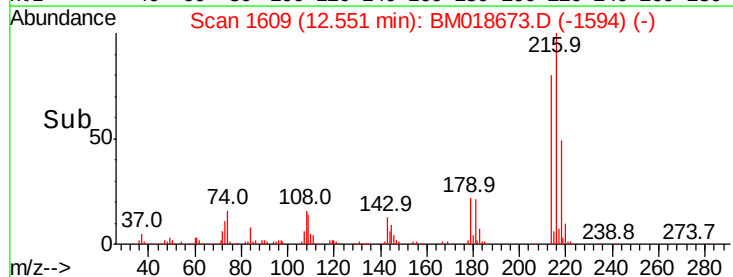
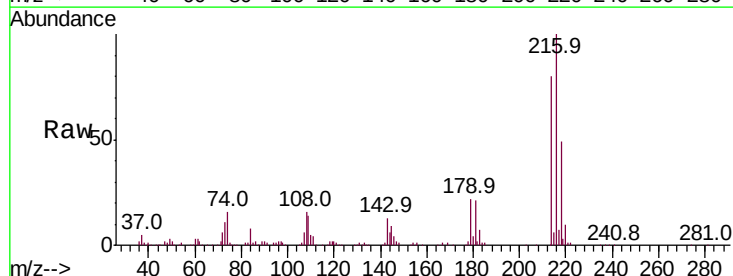
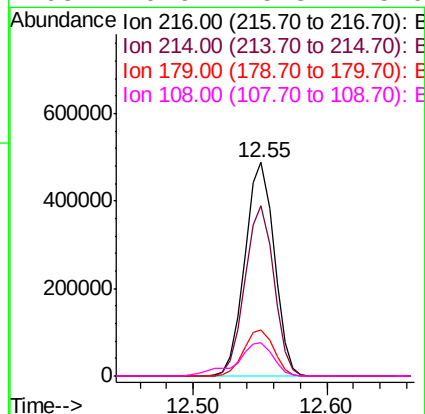
Manual Integrations
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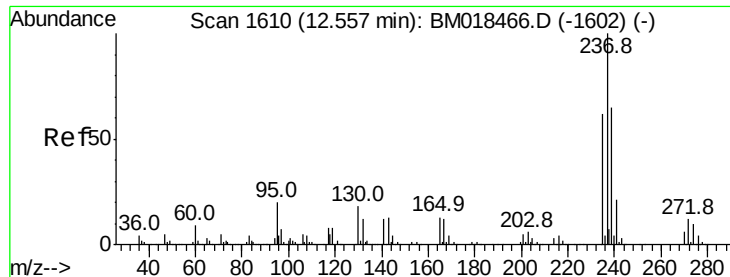
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.575 ng
RT: 12.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	22.2	17.9	26.9
108	19.6	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 83.018 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

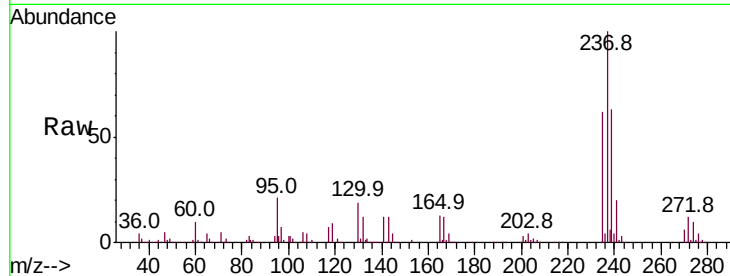
ClientSampleId :

OR-01-012519-AMS

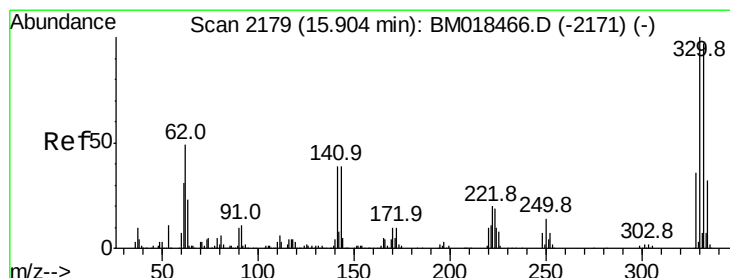
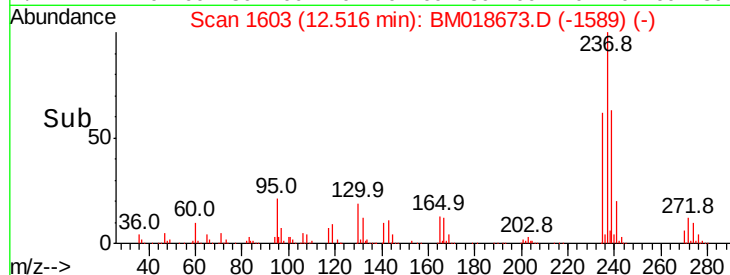
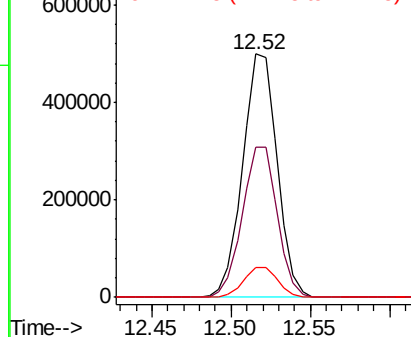
Tot Ion:	237	Resp:	755667
Ion Ratio	Lower	Upper	
237	100		
235	61.9	42.8	82.8
272	12.2	0.0	31.9

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: 150.121 ng

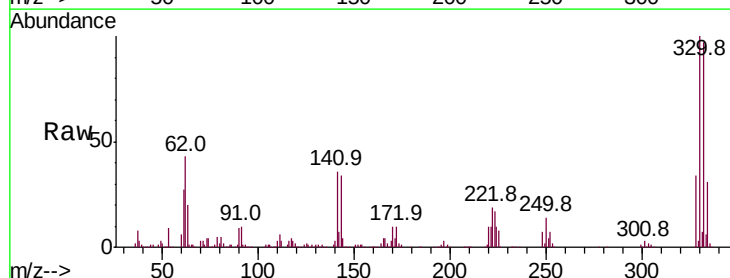
RT: 15.87 min Scan# 2174

Delta R.T. -0.01 min

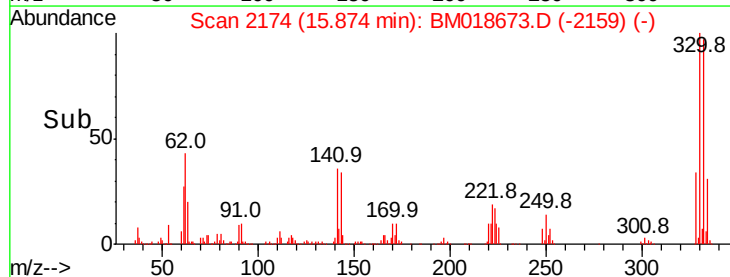
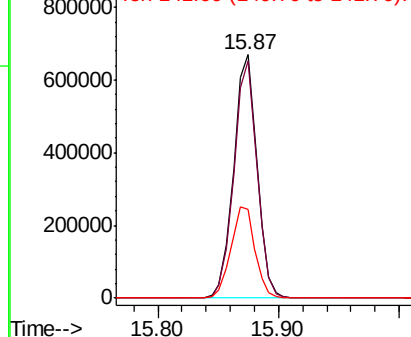
Lab File: BM018673.D

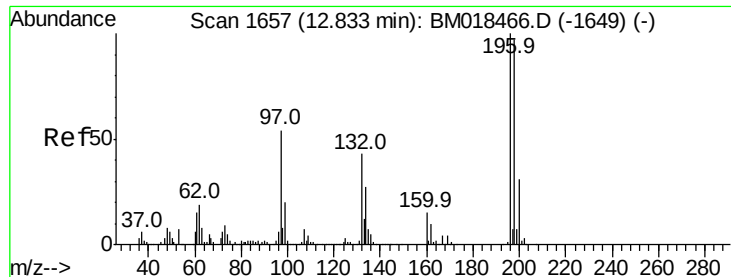
Acq: 28 Jan 2019 20:33

Tgt Ion:	330	Resp:	906557
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.6	116.4
141	38.7	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





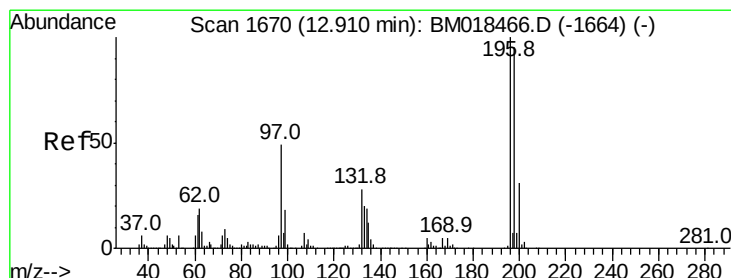
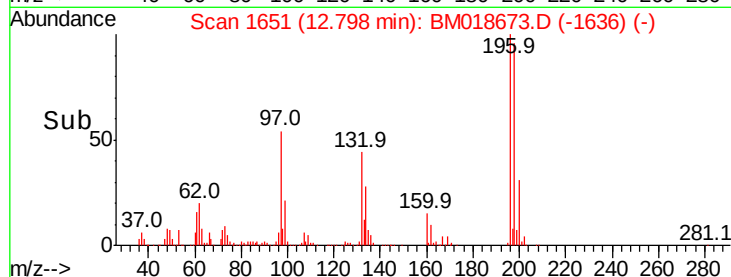
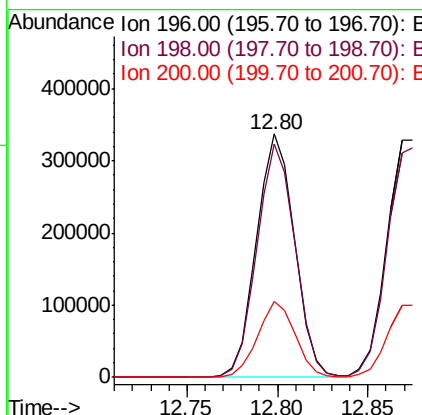
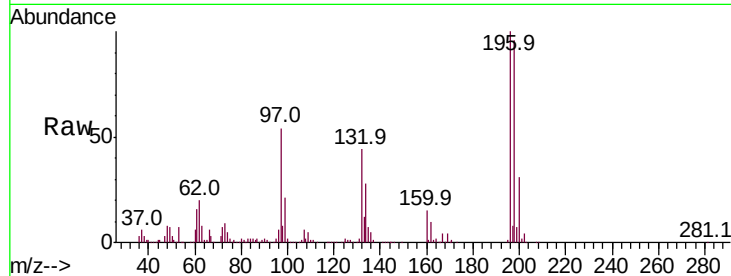
#43
 2,4,6-Trichlorophenol
 Concen: 48.900 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	492495		
198	95.7	76.6	115.0	
200	30.9	24.2	36.4	

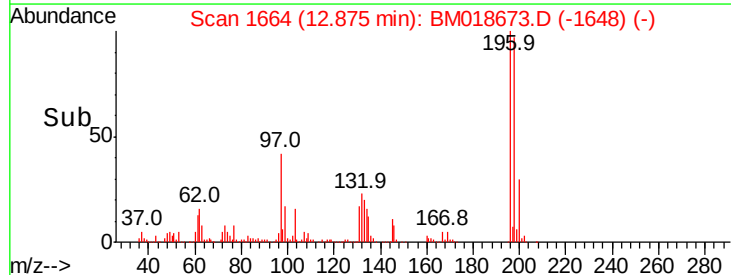
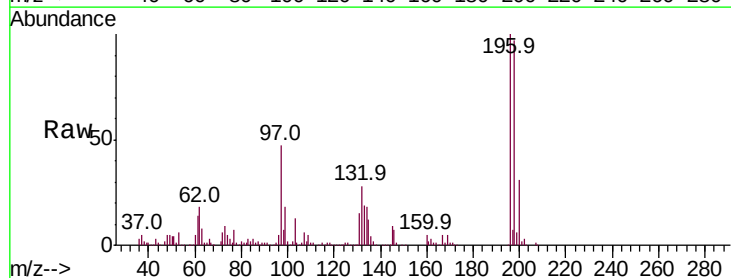
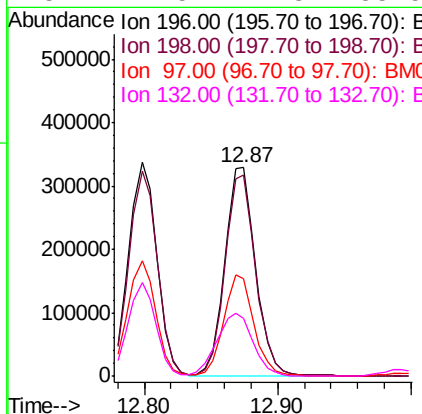
Manual Integrations
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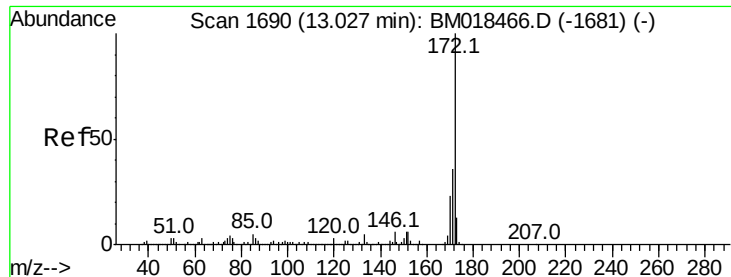
mohammad
 1/29/2019 10:06:46 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.805 ng
 RT: 12.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	527552		
198	96.6	76.7	115.1	
97	46.8	39.2	58.8	
132	27.5	22.3	33.5	





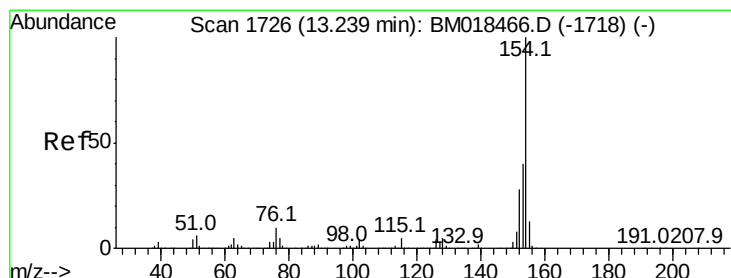
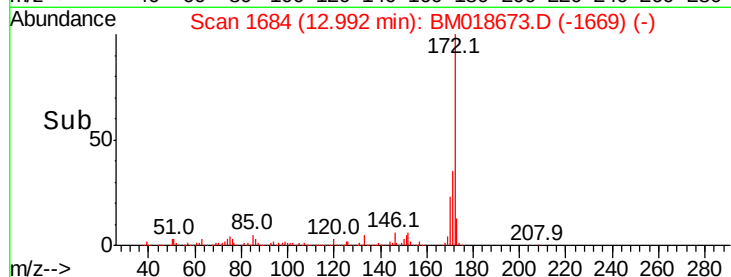
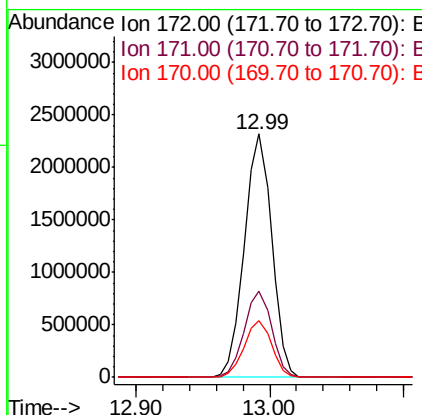
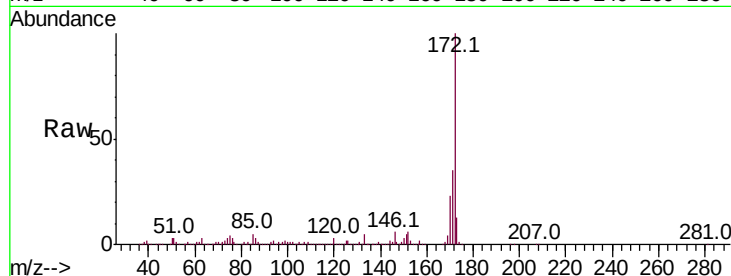
#45
2-Fluorobiphenyl
Concen: 90.068 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.2	18.9	28.3

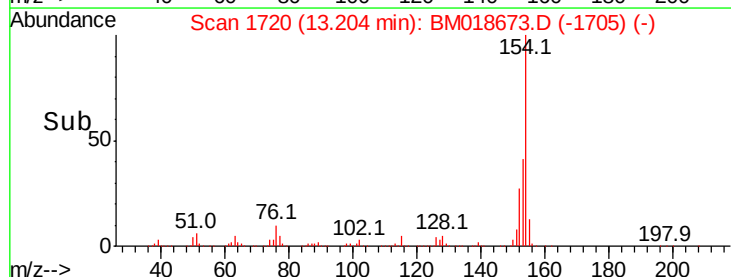
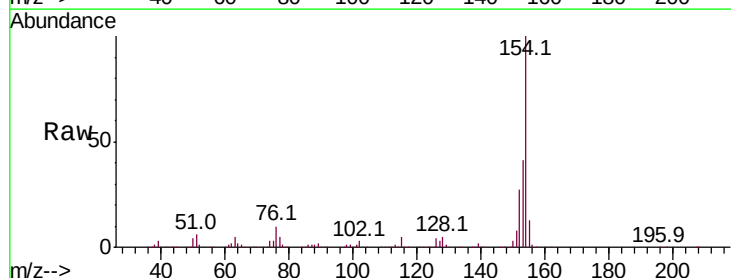
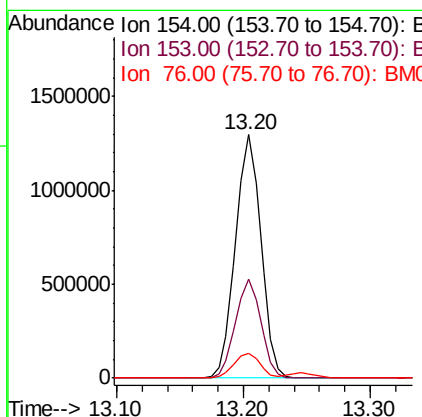
Manual Integrations
APPROVED

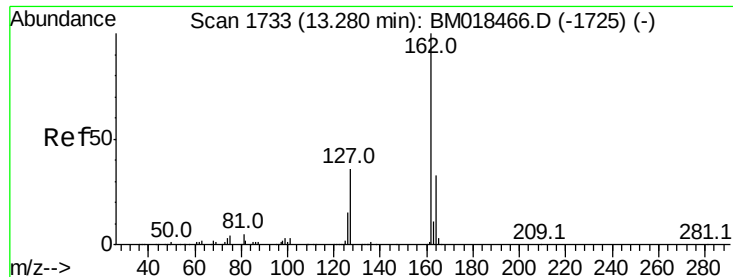
mohammad
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#46
1,1'-Biphenyl
Concen: 43.501 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	10.3	0.0	31.9





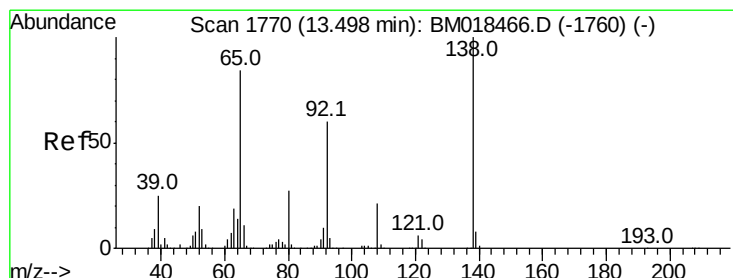
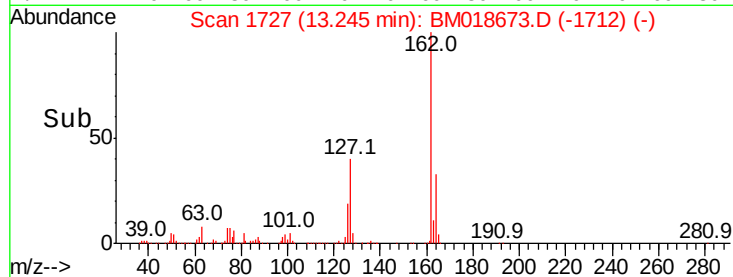
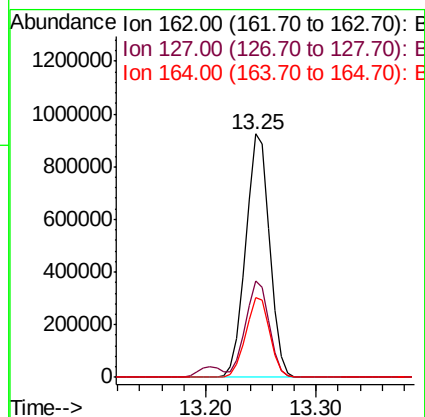
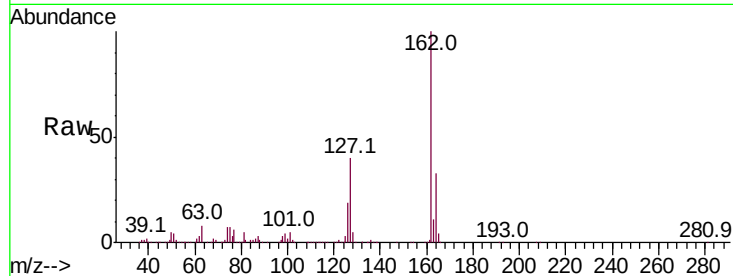
#47
2-Chloronaphthalene
Concen: 43.782 ng
RT: 13.25 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.4	47.0
164	32.7	26.2	39.4

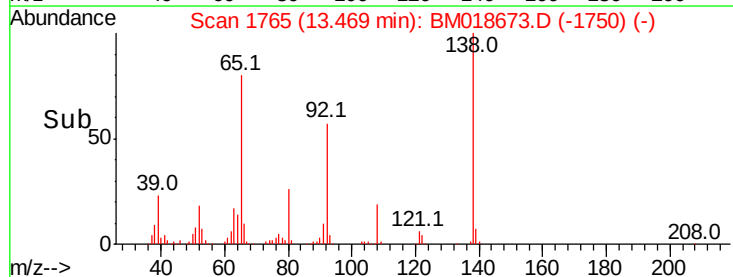
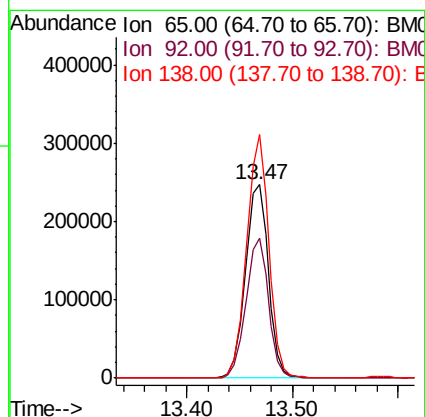
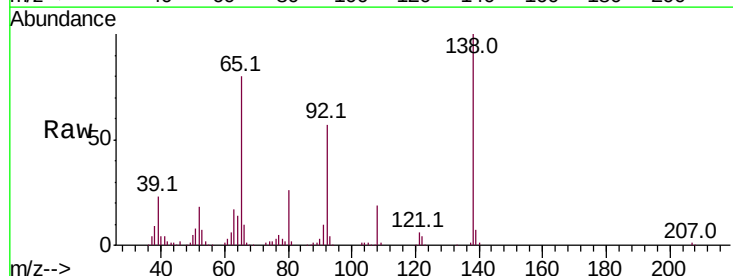
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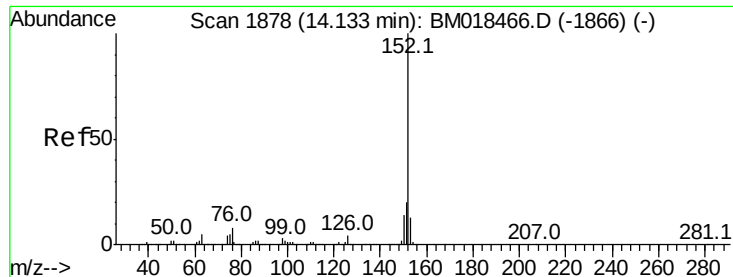
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#48
2-Nitroaniline
Concen: 47.389 ng
RT: 13.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	53.4	80.2
138	125.8	88.9	133.3





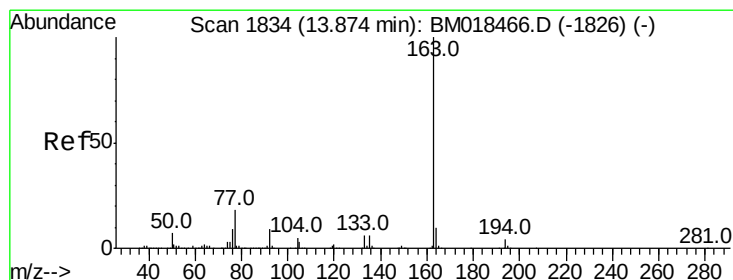
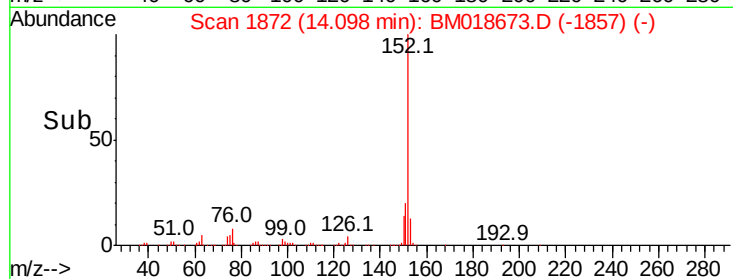
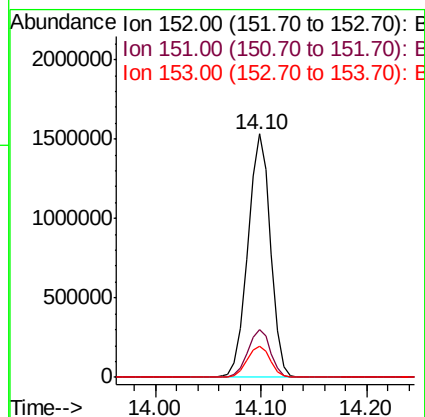
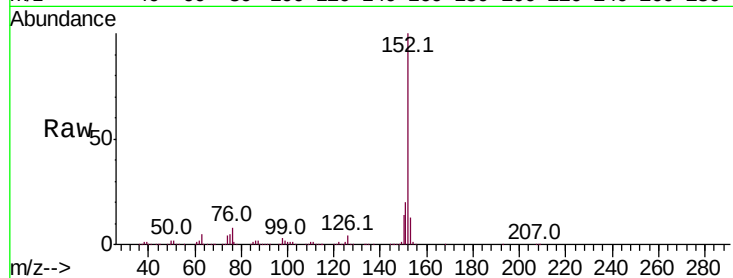
#49
Acenaphthylene
Concen: 48.548 ng
RT: 14.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.9	10.5	15.7

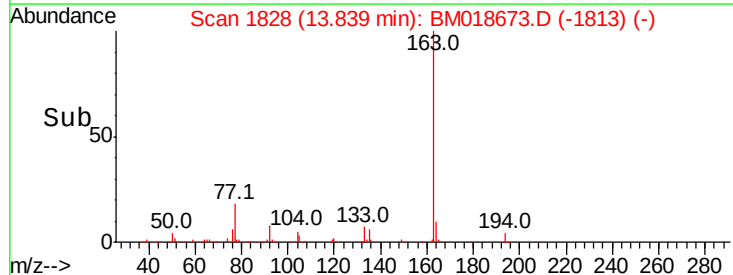
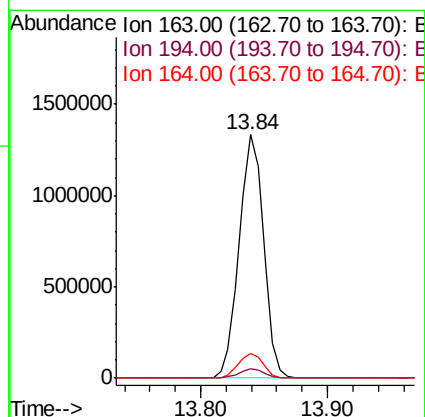
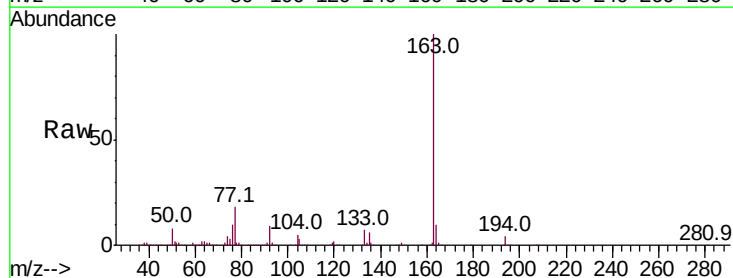
Manual Integrations
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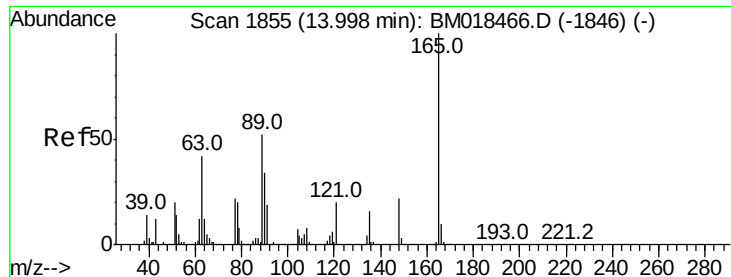
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#50
Dimethylphthalate
Concen: 45.708 ng
RT: 13.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	7.8	11.8





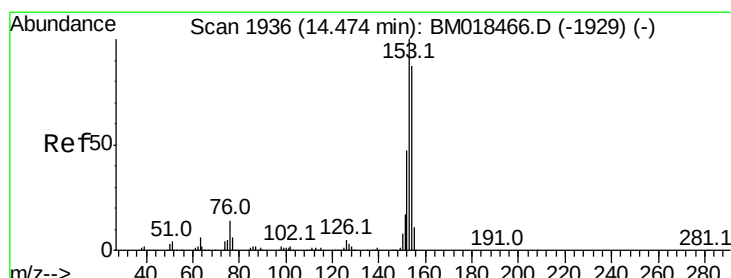
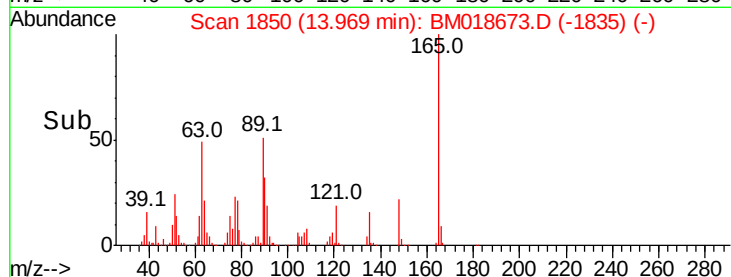
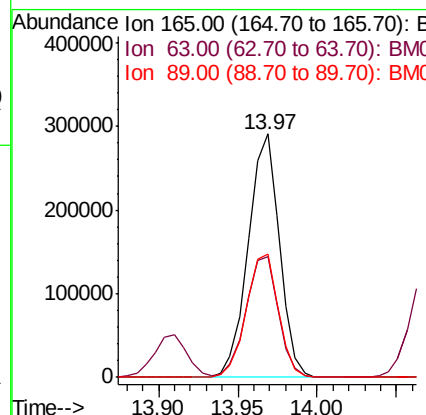
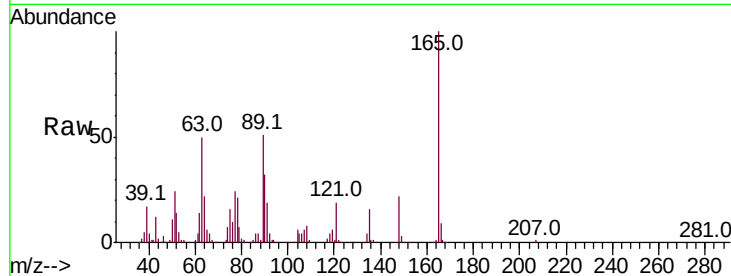
#51
2,6-Dinitrotoluene
Concen: 48.140 ng
RT: 13.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	397187		
63	49.6		45.6	68.4
89	50.8		44.6	66.8

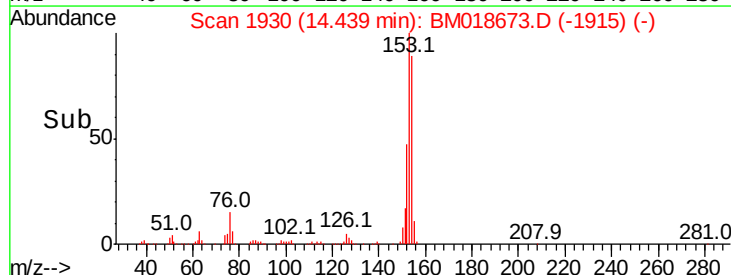
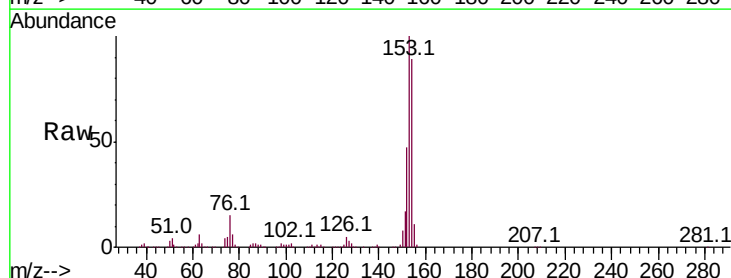
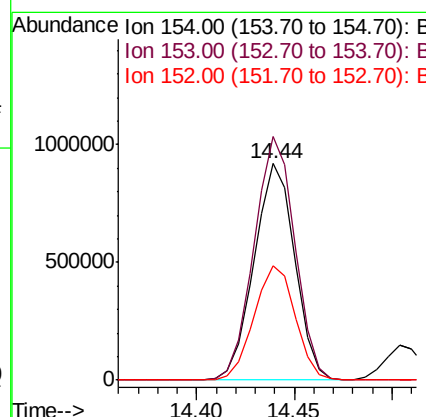
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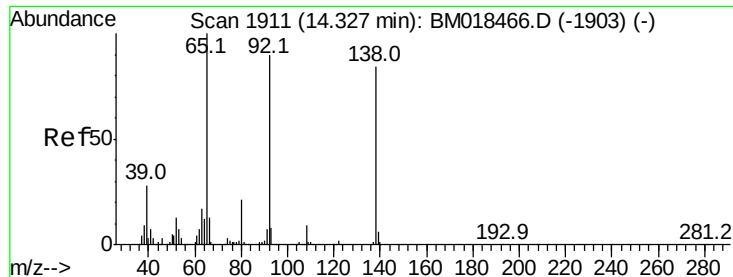
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#52
Acenaphthene
Concen: 46.387 ng
RT: 14.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1328245		
153	112.6		92.3	138.5
152	52.9		43.8	65.6





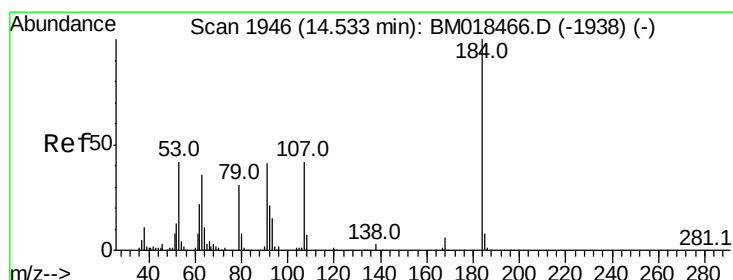
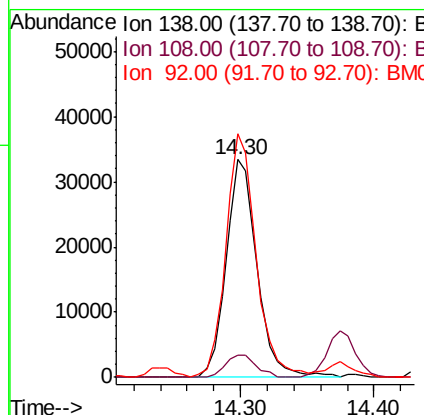
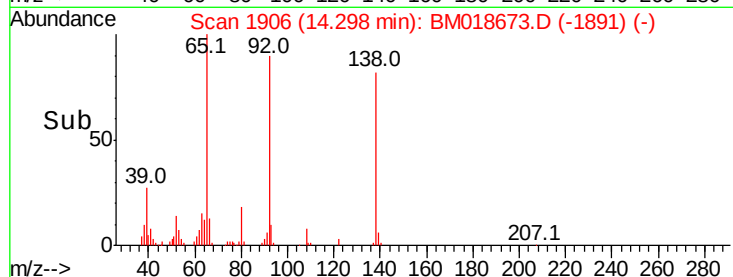
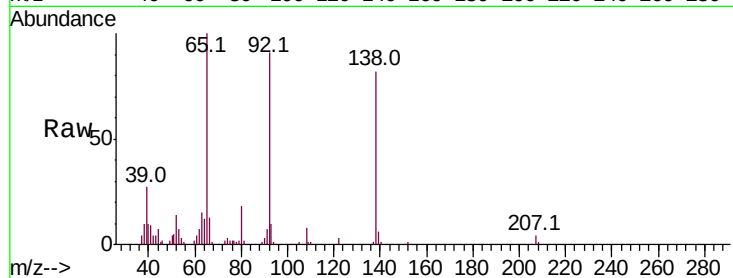
#53
3-Nitroaniline
Concen: 6.516 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	111.9	88.2	132.2

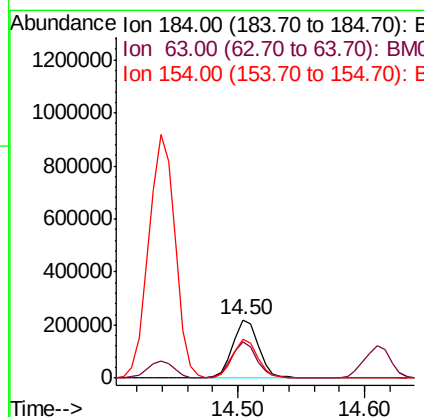
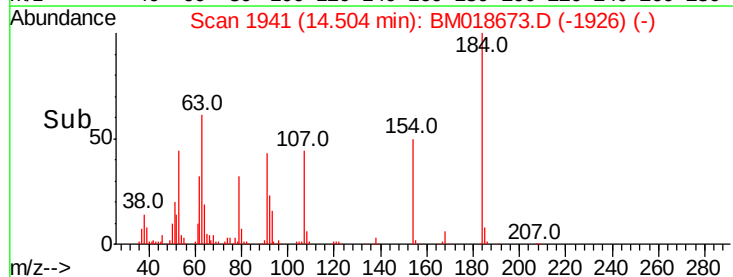
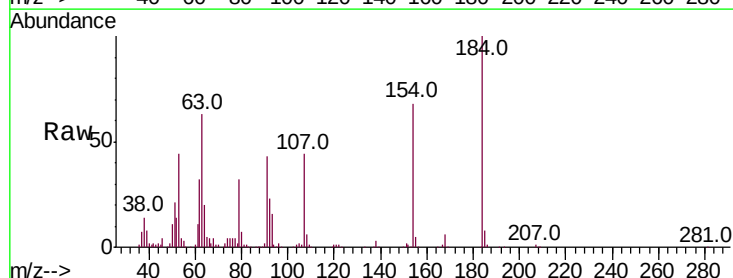
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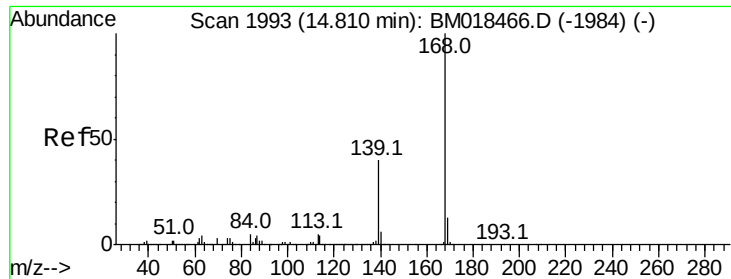
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#54
2,4-Dinitrophenol
Concen: 71.023 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.5	55.9	83.9
154	67.7	54.2	81.4





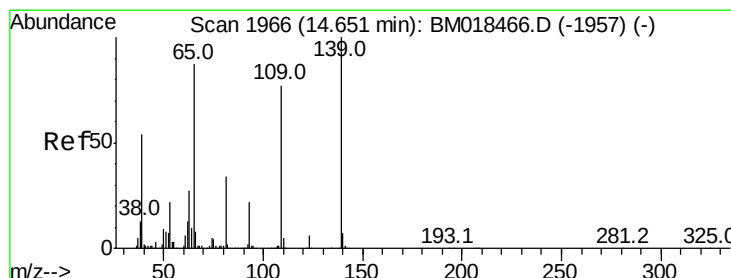
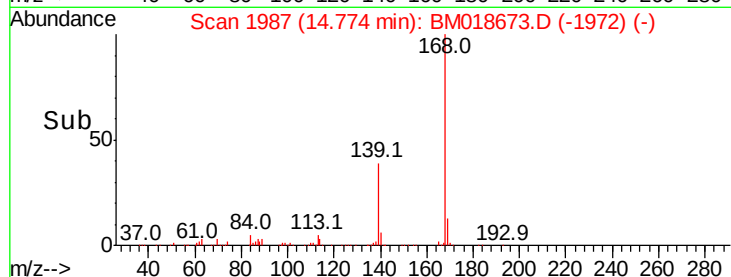
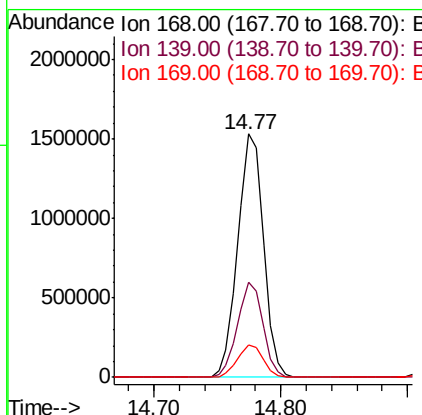
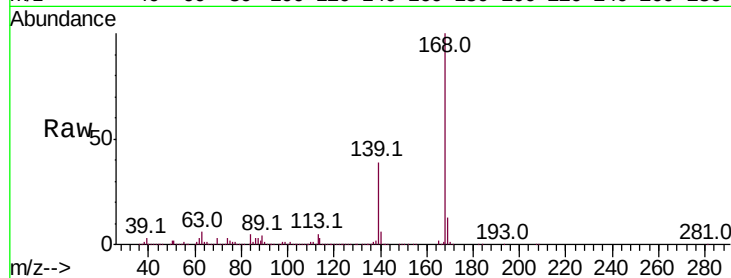
#55
Dibenzofuran
Concen: 45.293 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.3	45.5
169	13.2	10.6	16.0

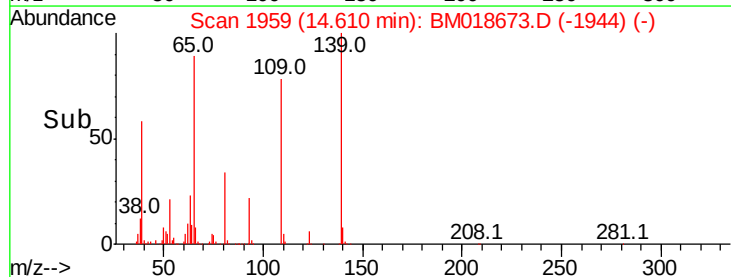
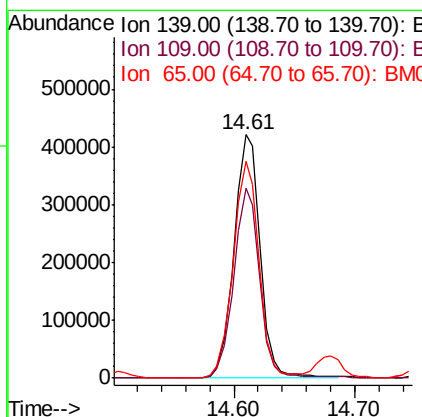
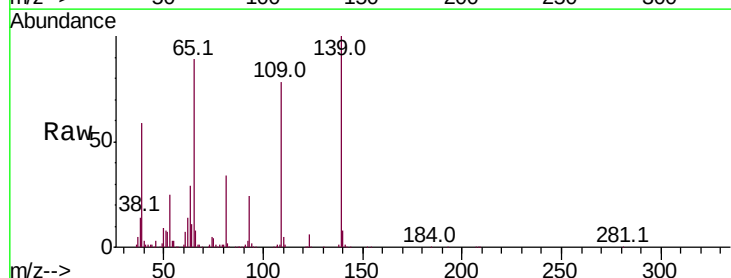
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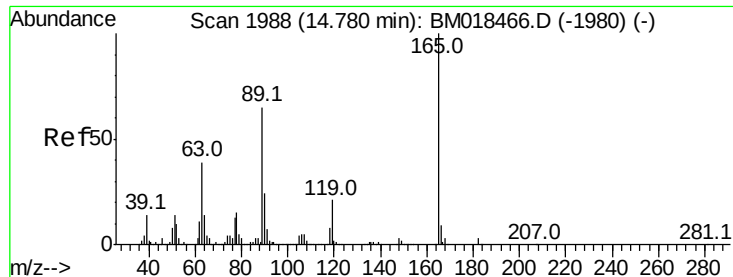
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#56
4-Nitrophenol
Concen: 88.354 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.8	51.7	91.7
65	89.3	71.4	111.4





#57

2,4-Dinitrotoluene

Concen: 47.436 ng

RT: 14.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

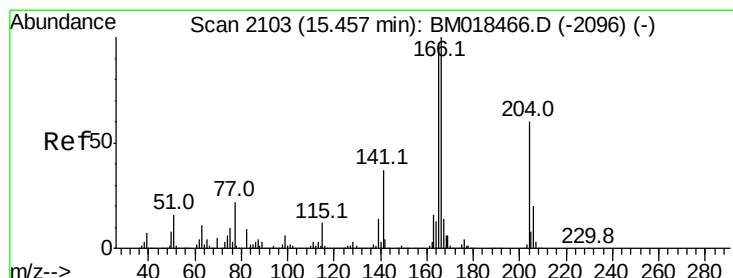
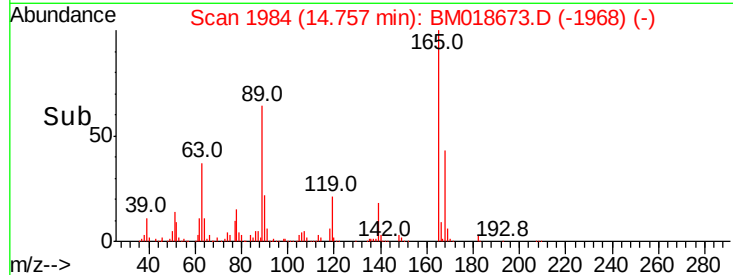
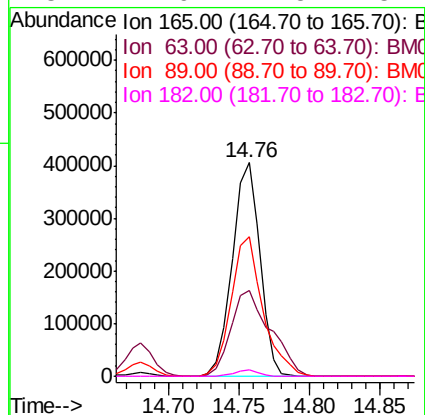
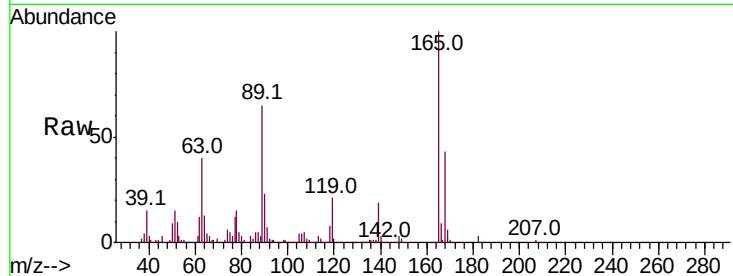
ClientSampleId :

OR-01-012519-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		553763		
63	40.3	32.2	48.2		
89	65.1	52.1	78.1		
182	2.9	2.5	3.7		

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#58

Fluorene

Concen: 48.982 ng

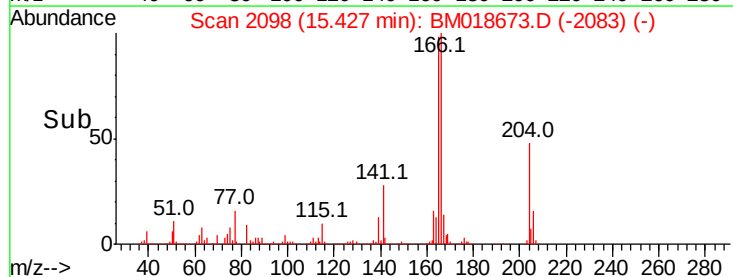
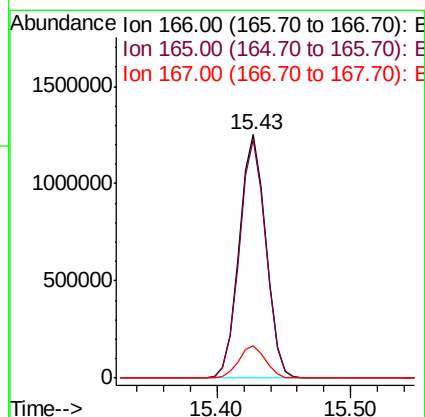
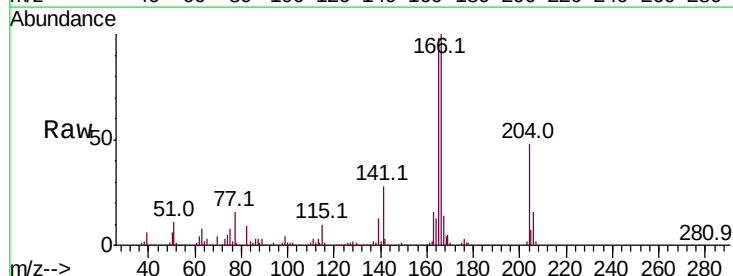
RT: 15.43 min Scan# 2098

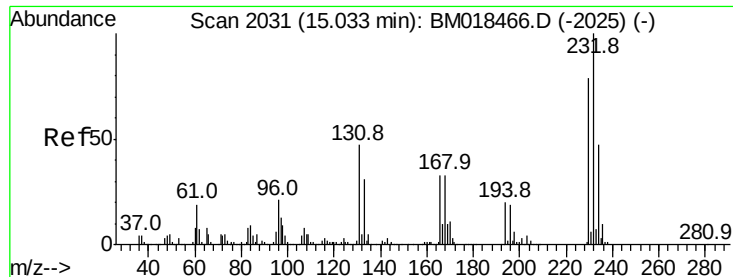
Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1726319		
165	98.1	78.3	117.5		
167	13.5	10.9	16.3		





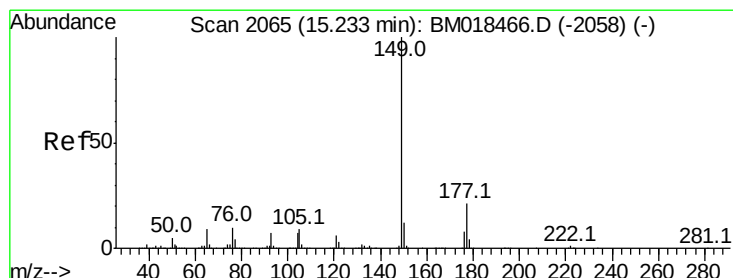
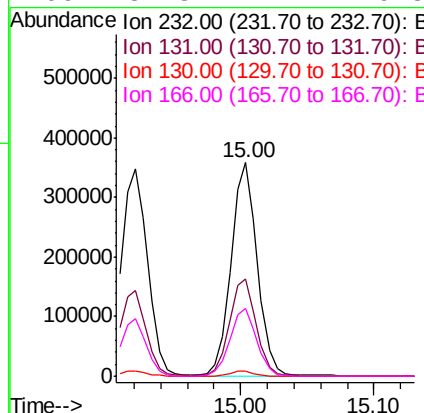
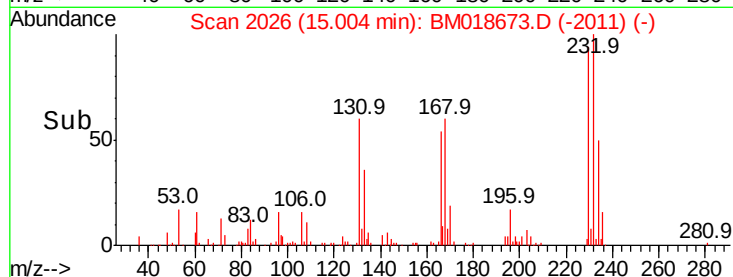
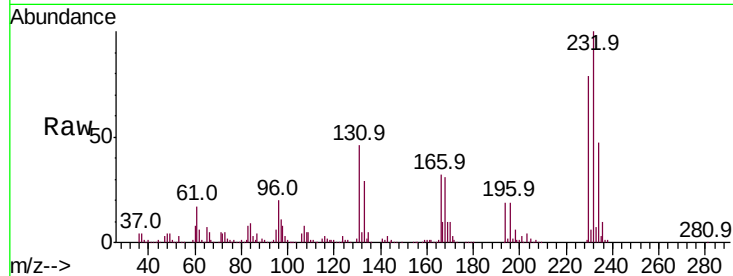
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.966 ng
 RT: 15.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	38.6	57.8
130	2.4	2.2	3.4
166	32.8	27.2	40.8

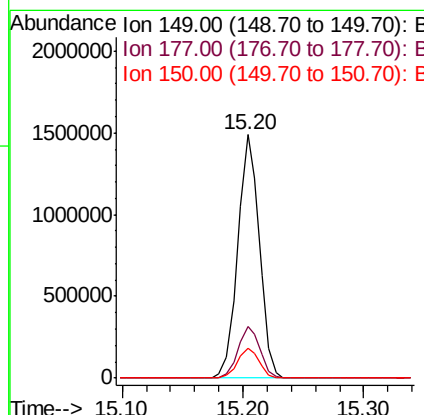
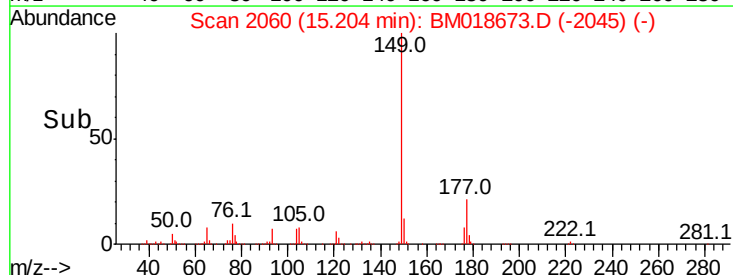
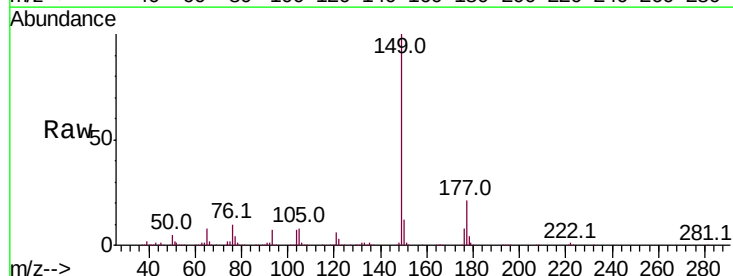
Manual Integrations
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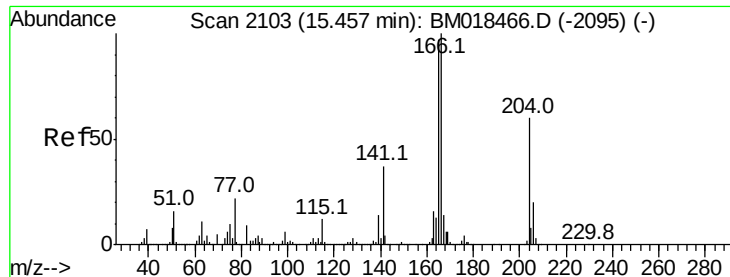
mohammad
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#60
 Diethylphthalate
 Concen: 47.023 ng
 RT: 15.20 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.1	25.7
150	12.5	9.8	14.6





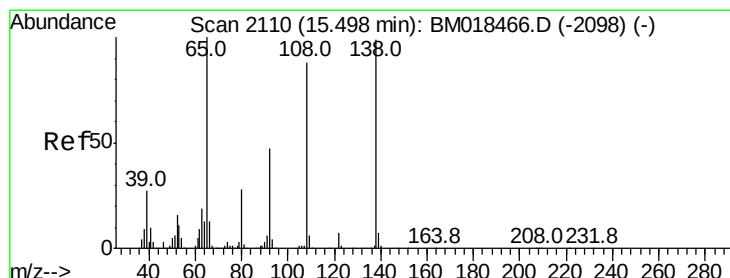
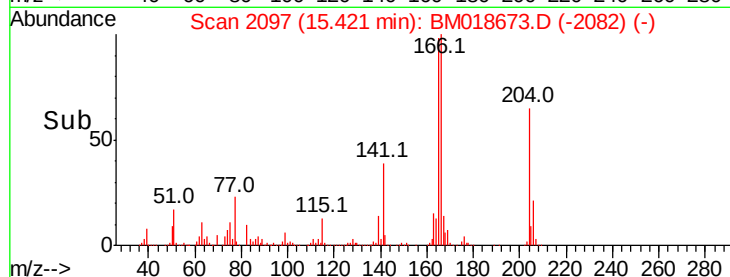
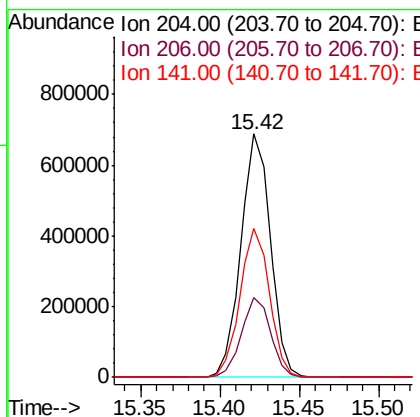
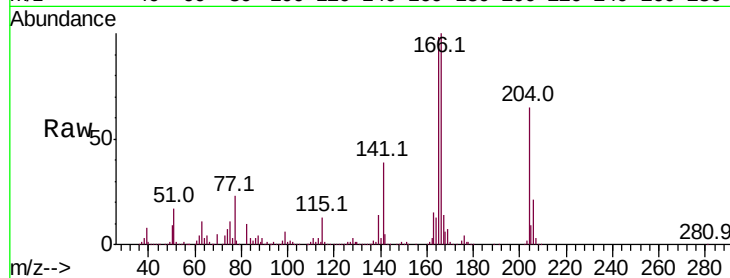
#61
4-Chlorophenyl-phenylether
Concen: 43.816 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.6
141	60.9	49.5	74.3

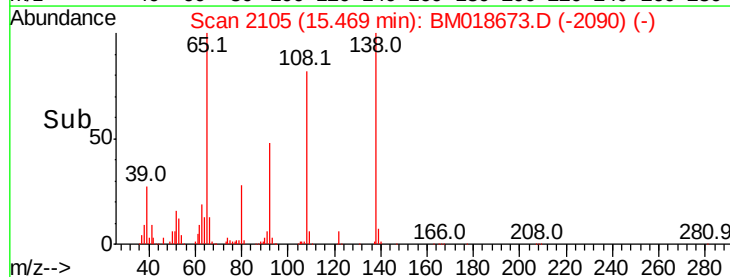
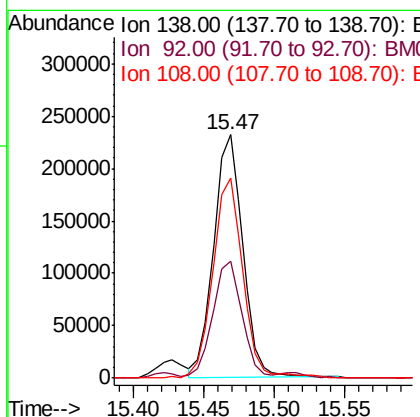
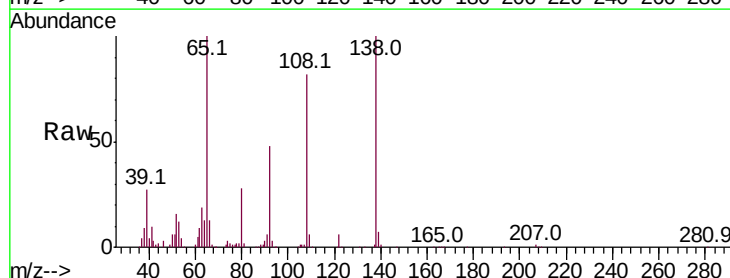
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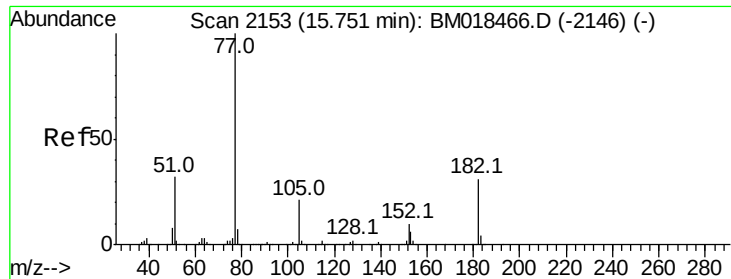
mohammad
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#62
4-Nitroaniline
Concen: 36.591 ng
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	29.0	69.0
108	82.4	63.9	103.9





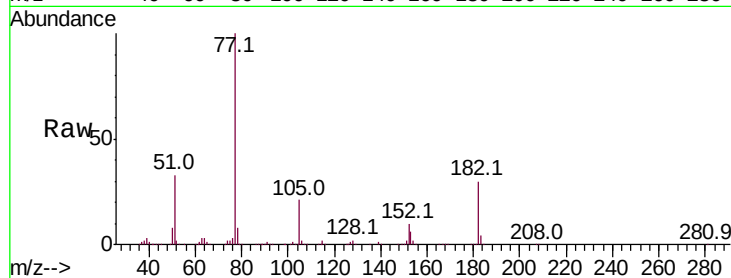
#63
Azobenzene
Concen: 45.997 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.6	7.4	47.4	
105	21.2	0.0	39.6	
51	32.5	12.0	52.0	

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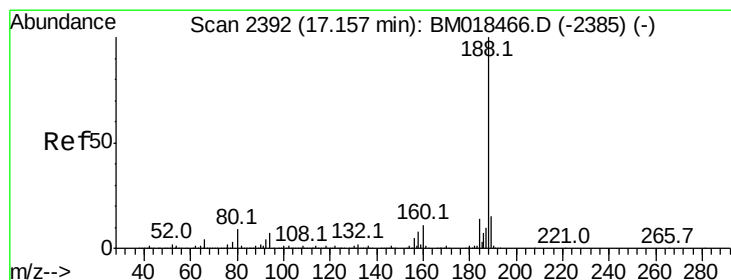
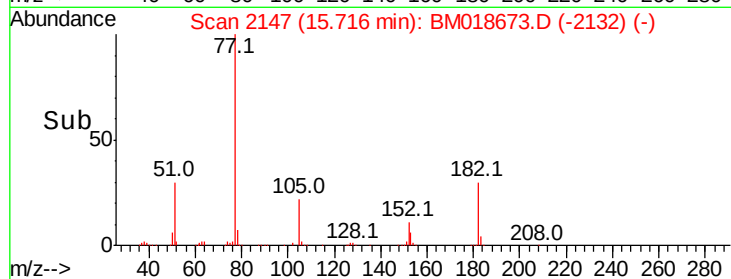
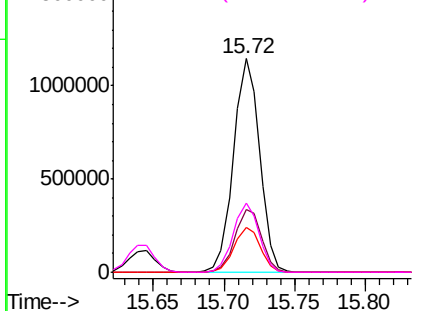
Abundance

Ion 77.00 (76.70 to 77.70): BM018673.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018673.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018673.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018673.D (-2146) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

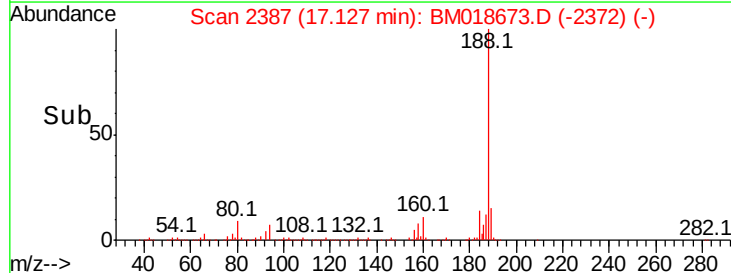
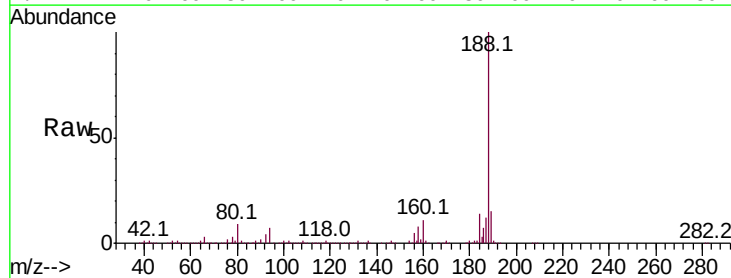
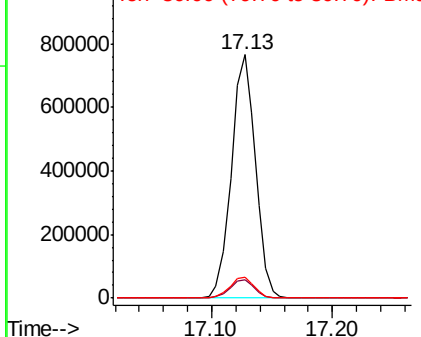
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.3	7.1	10.7	
80	8.5	7.6	11.4	

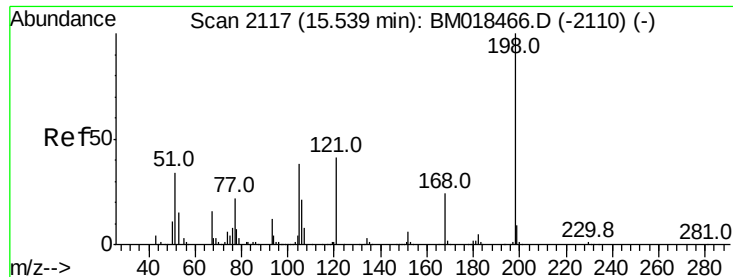
Abundance

Ion 188.00 (187.70 to 188.70): BM018673.D (-2372) (-)

Ion 94.00 (93.70 to 94.70): BM018673.D (-2372) (-)

Ion 80.00 (79.70 to 80.70): BM018673.D (-2372) (-)





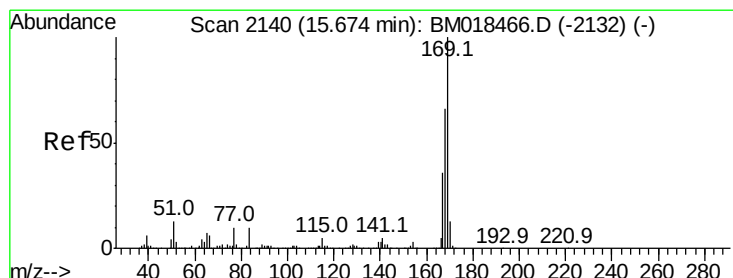
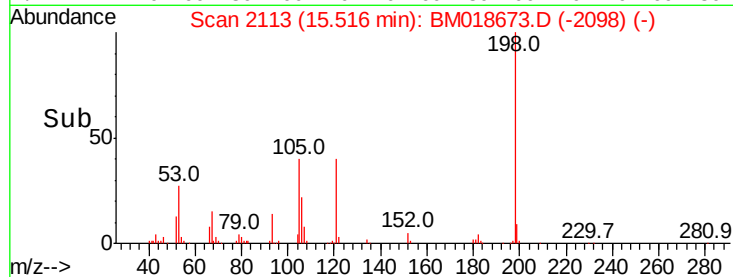
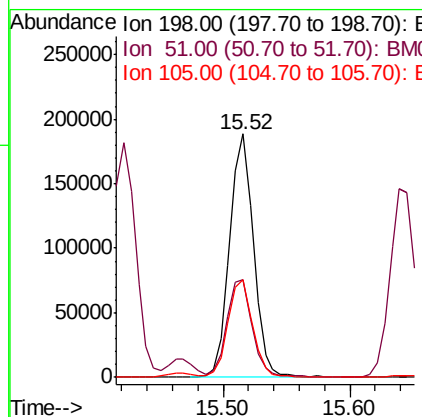
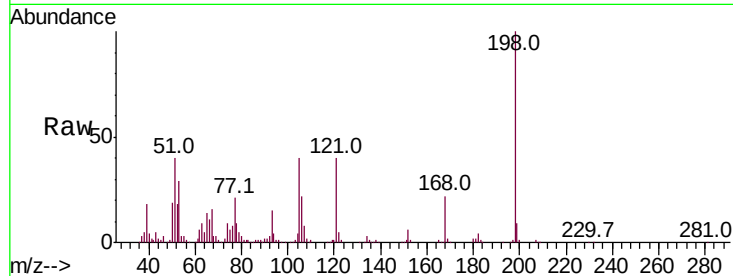
#65
4,6-Dinitro-2-methylphenol
Concen: 37.720 ng
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	246302		
51	40.1	29.6	69.6	
105	39.9	25.5	65.5	

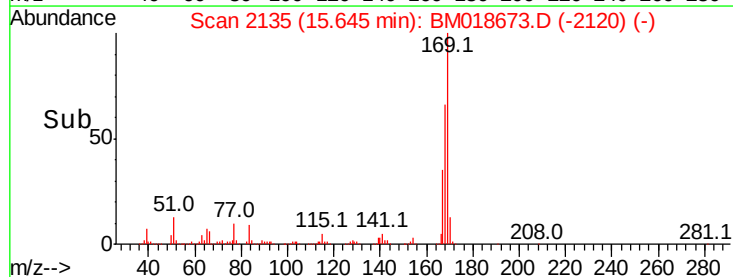
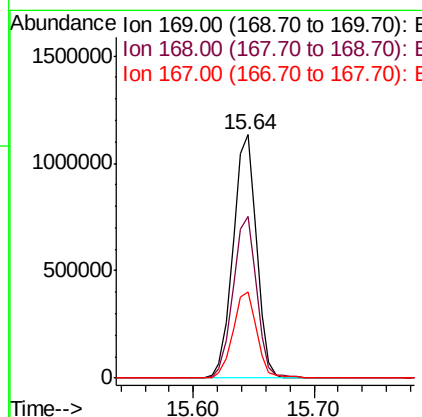
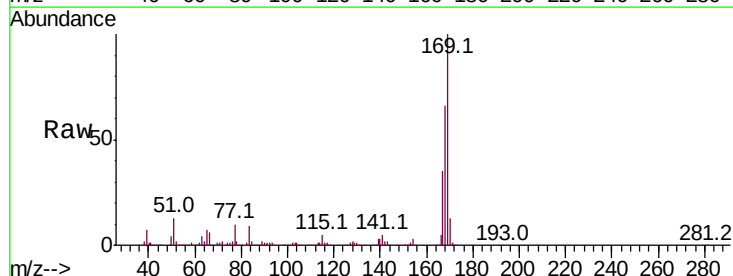
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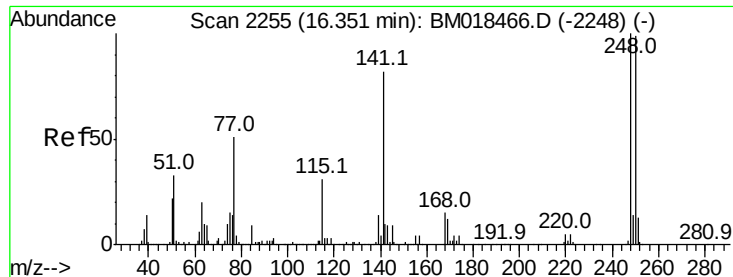
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#66
n-Nitrosodiphenylamine
Concen: 46.413 ng
RT: 15.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1527609		
168	66.3	54.1	81.1	
167	35.4	28.6	42.8	





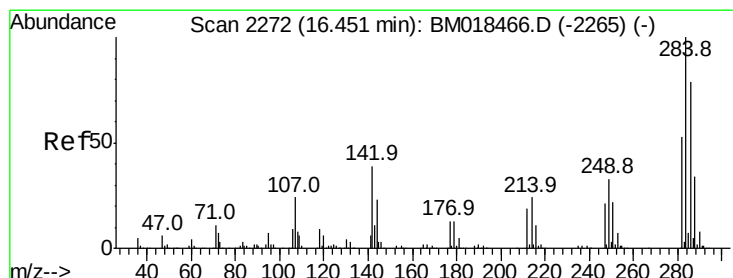
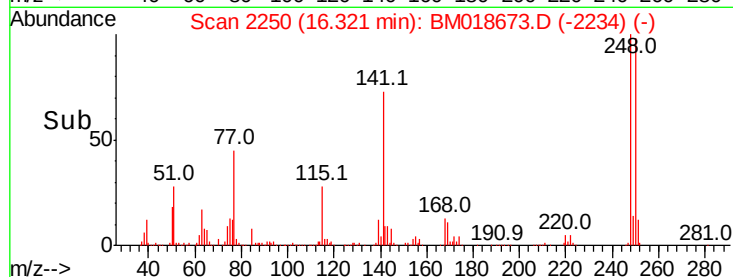
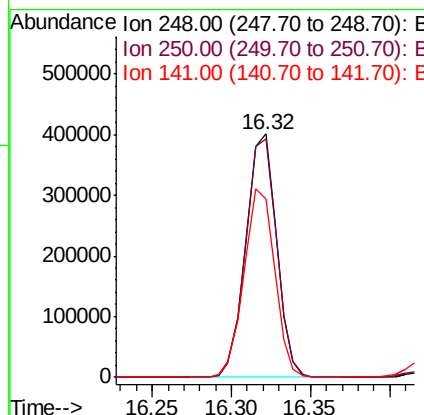
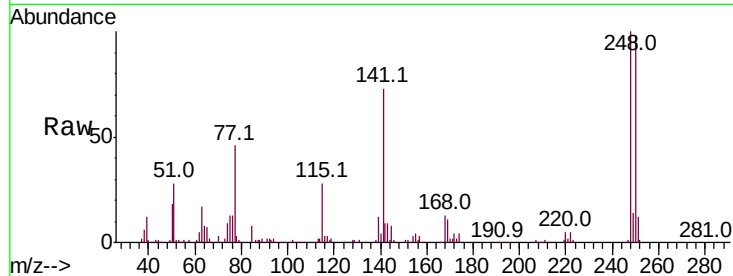
#67
4-Bromophenyl-phenylether
Concen: 45.633 ng
RT: 16.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.0	114.0
141	73.3	61.5	92.3

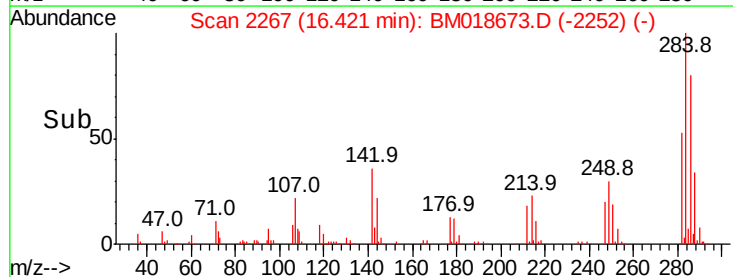
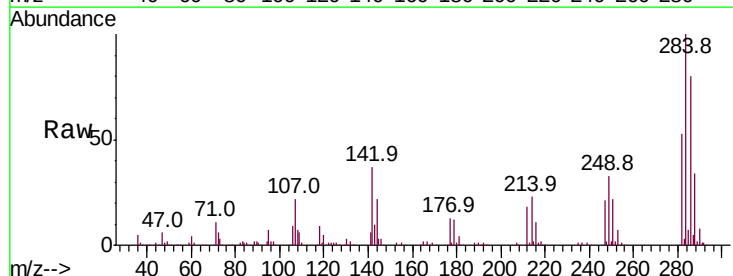
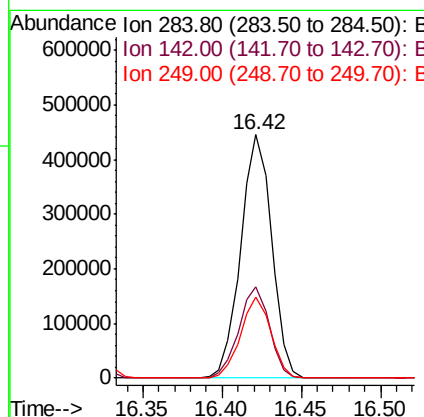
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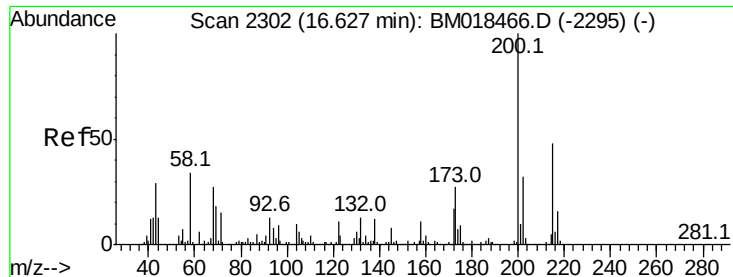
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#68
Hexachlorobenzene
Concen: 45.319 ng
RT: 16.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	29.2	43.8
249	33.3	26.1	39.1





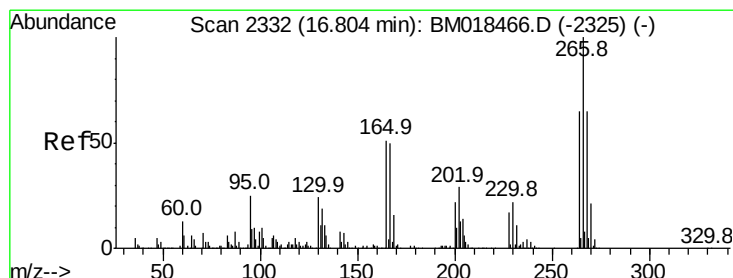
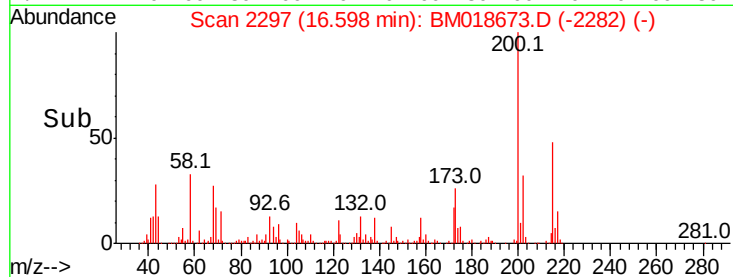
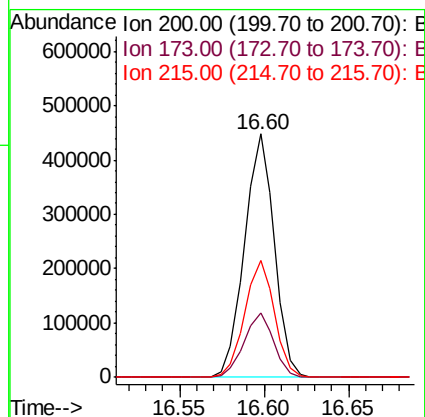
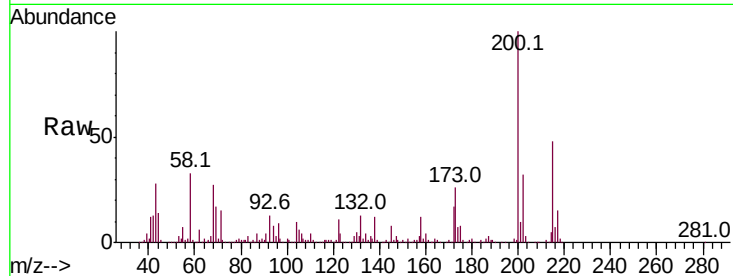
#69
Atrazine
Concen: 46.402 ng
RT: 16.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.2	47.2
215	48.1	28.3	68.3

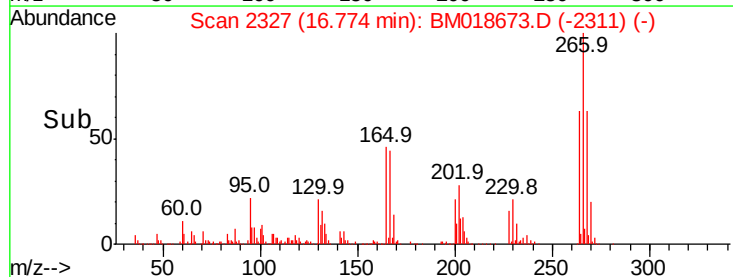
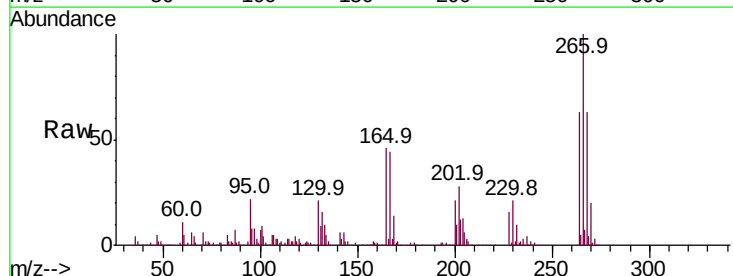
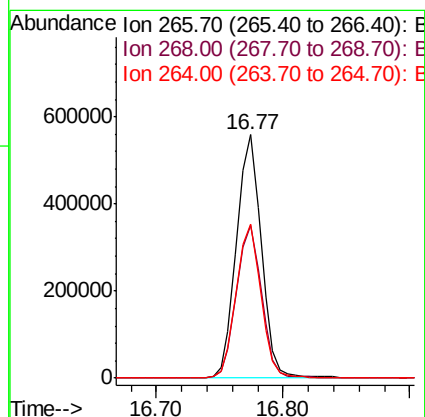
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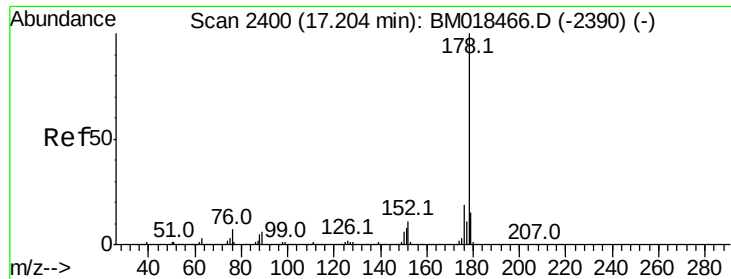
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#70
Pentachlorophenol
Concen: 87.229 ng
RT: 16.77 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	49.8	74.6
264	63.3	50.1	75.1





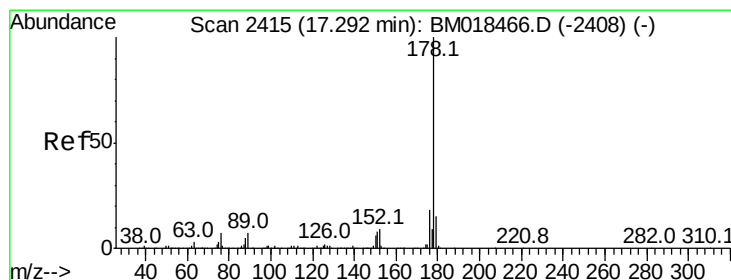
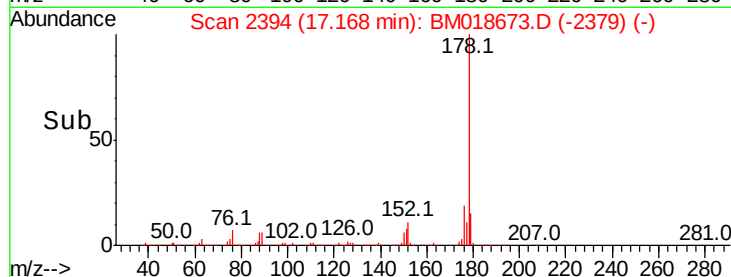
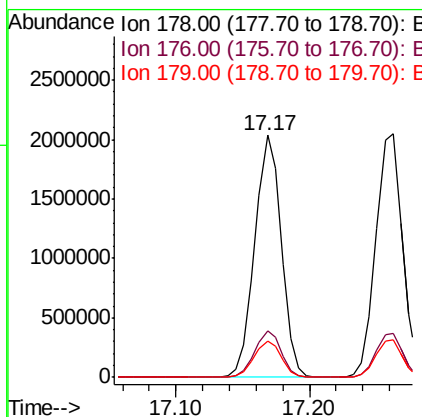
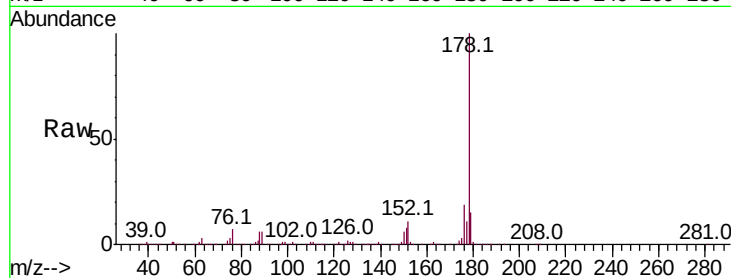
#71
Phenanthrene
Concen: 49.130 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion:178 Resp: 2772786
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.2 12.2 18.4

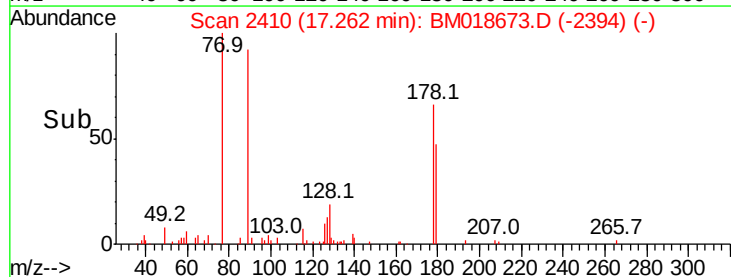
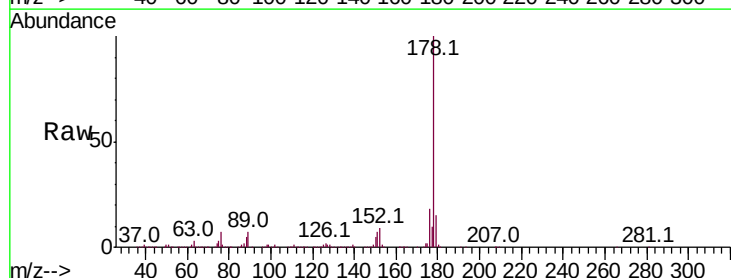
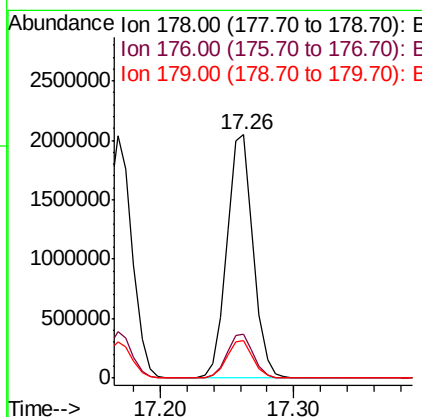
Manual Integrations
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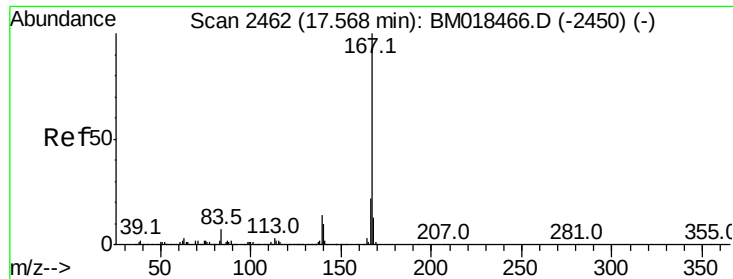
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#72
Anthracene
Concen: 51.881 ng
RT: 17.26 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion:178 Resp: 2815590
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.5 12.2 18.4





#73

Carbazole

Concen: 45.977 ng

RT: 17.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

Tot Ion:167 Resp: 2563536

Ion Ratio Lower Upper

167 100

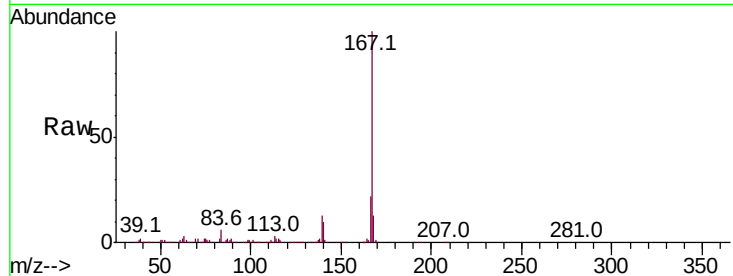
166 21.8 17.4 26.2

139 13.0 10.6 16.0

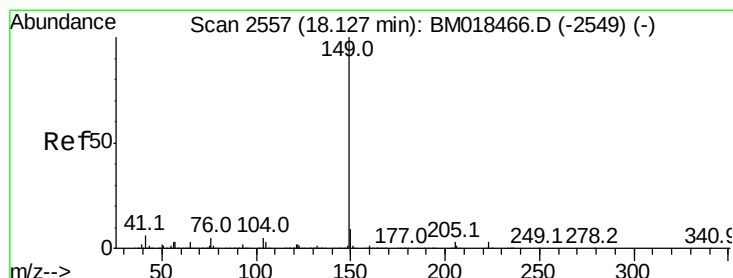
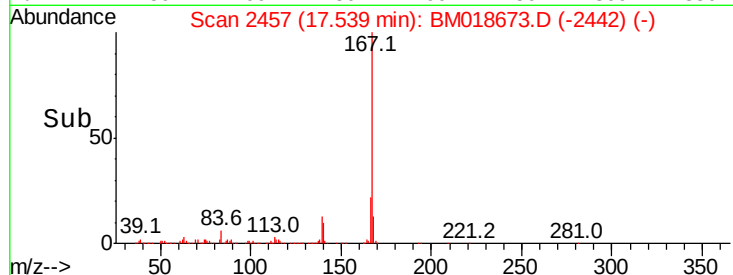
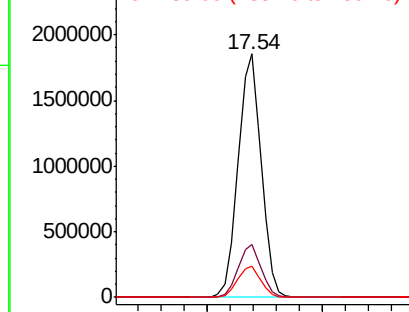
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Abundance Ion 167.00 (166.70 to 167.70): E
2500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 51.089 ng

RT: 18.09 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

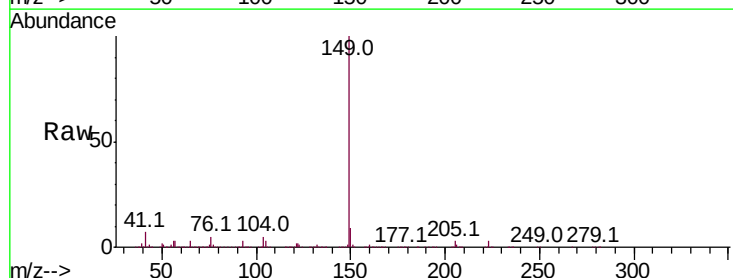
Tgt Ion:149 Resp: 3120279

Ion Ratio Lower Upper

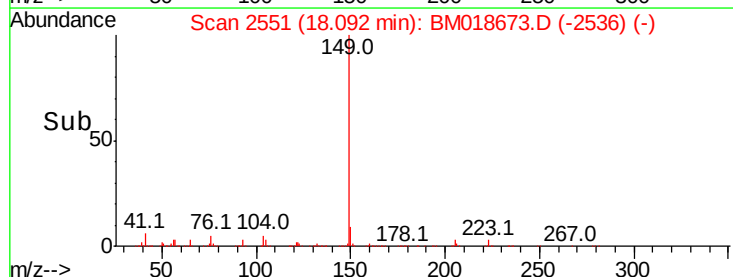
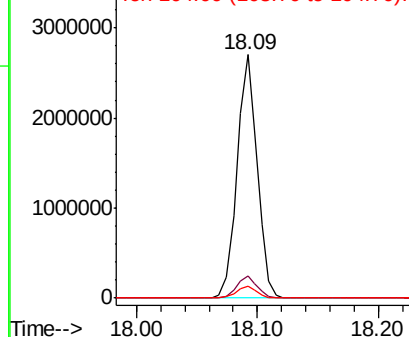
149 100

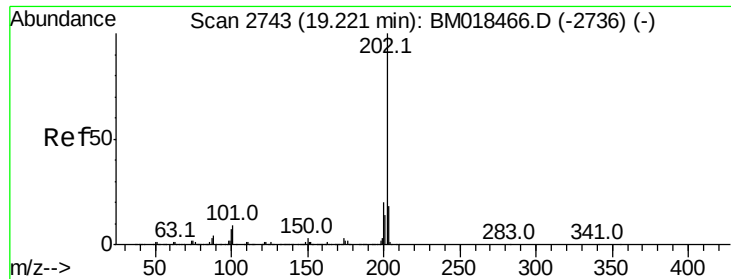
150 9.1 7.3 10.9

104 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
3000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.903 ng

RT: 19.19 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

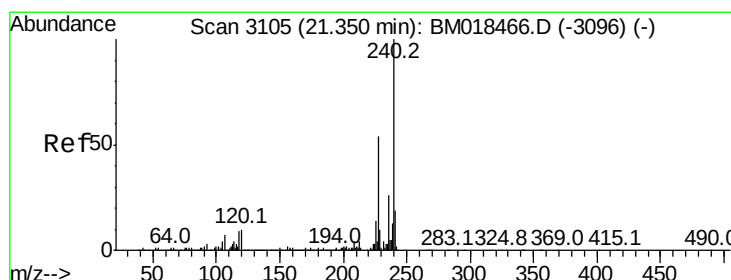
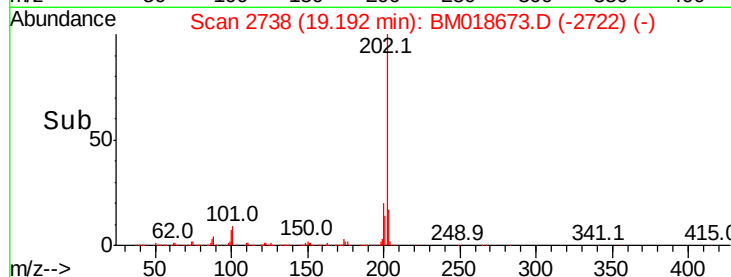
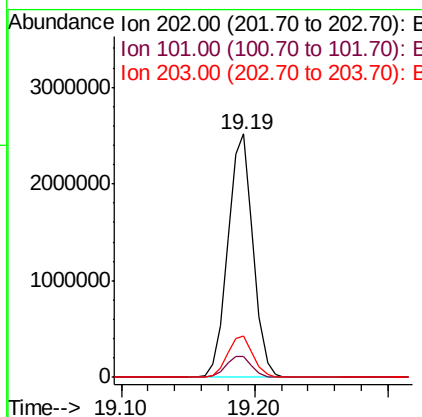
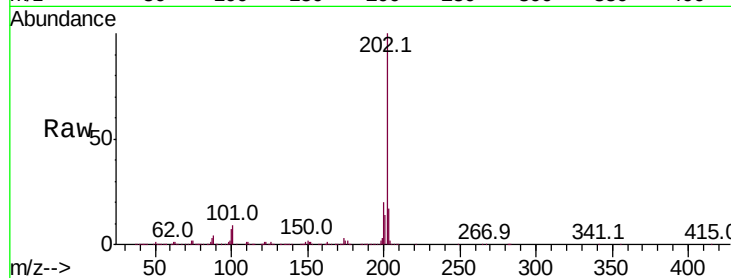
ClientSampleId :

OR-01-012519-AMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.9
203	17.2	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

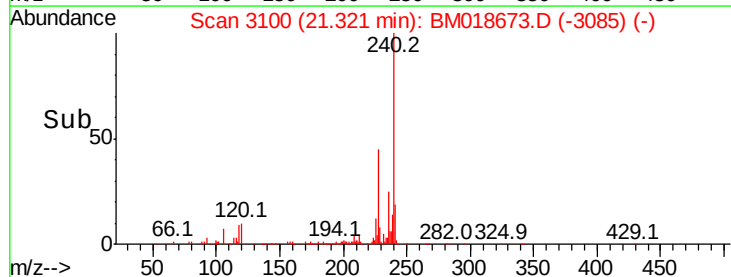
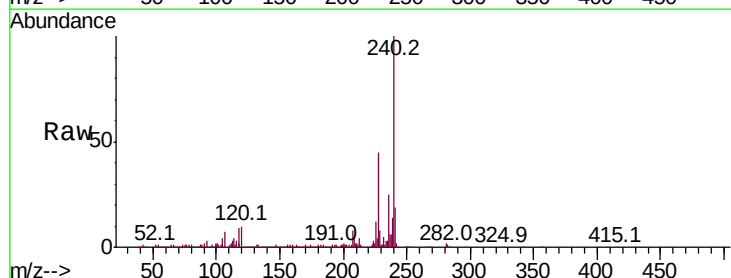
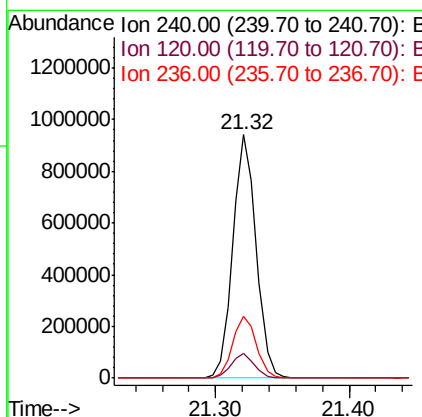
RT: 21.32 min Scan# 3100

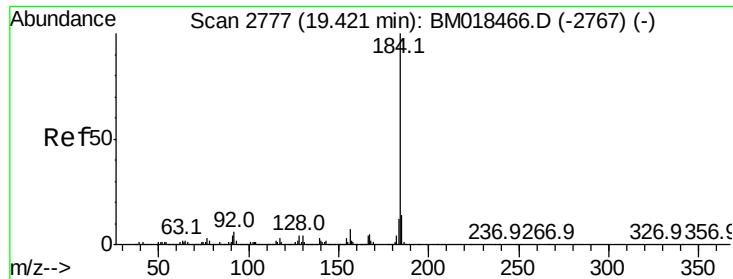
Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	25.4	20.7	31.1





#77

Benzidine

Concen: 17.863 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

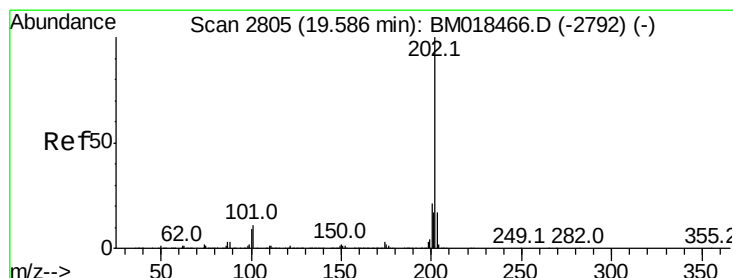
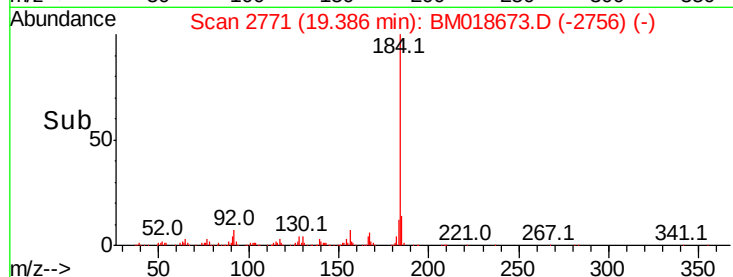
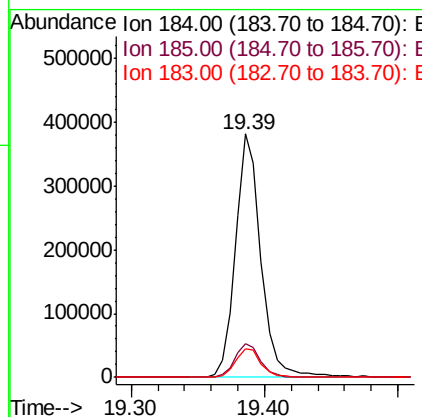
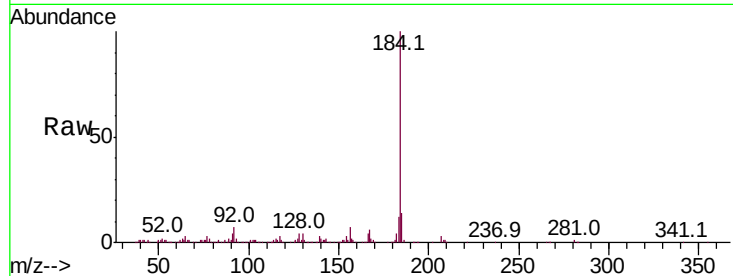
ClientSampleId :

OR-01-012519-AMS

Tot Ion:	184	Resp:	505678
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.4	17.0
183	11.8	9.5	14.3

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#78

Pyrene

Concen: 50.022 ng

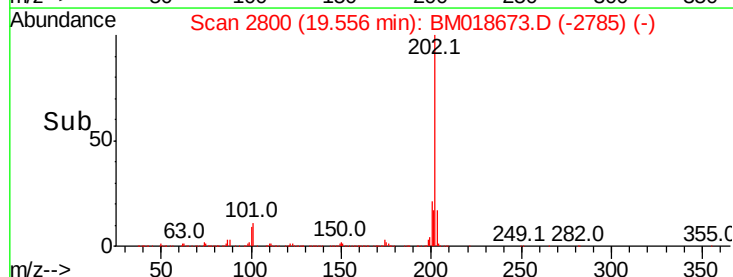
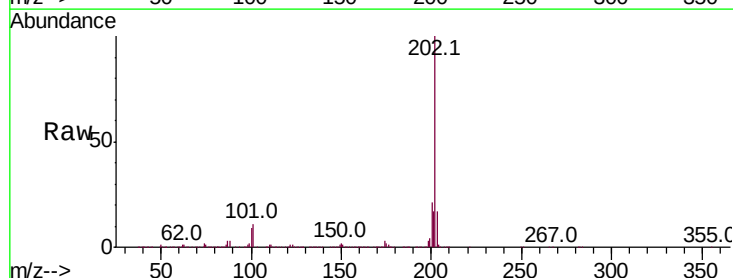
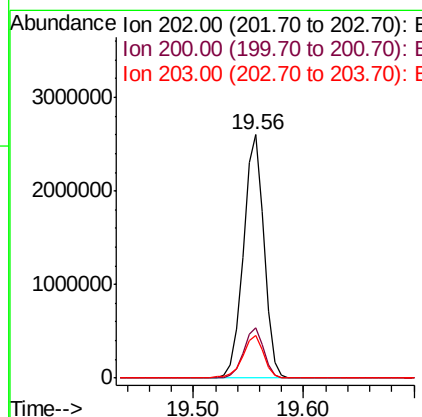
RT: 19.56 min Scan# 2800

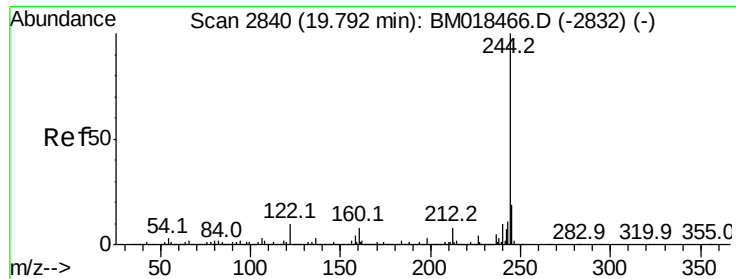
Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tgt Ion:	202	Resp:	3399443
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	24.8
203	17.3	13.8	20.8





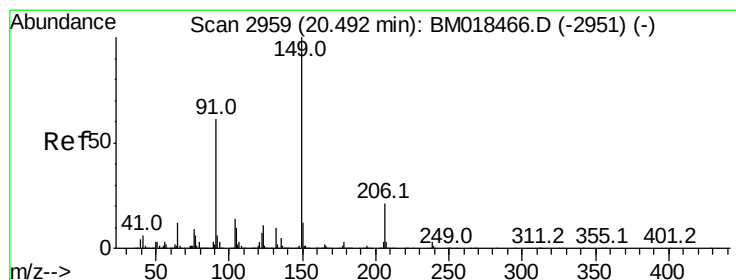
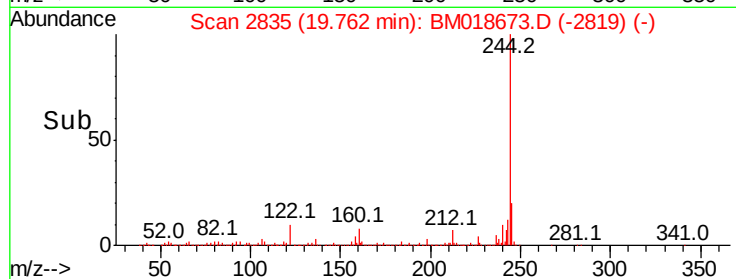
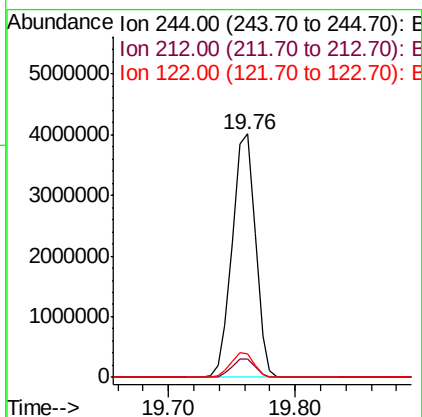
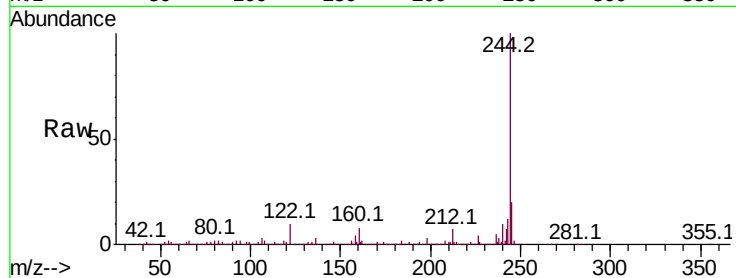
#79
 Terphenyl-d14
 Concen: 92.942 ng
 RT: 19.76 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.6	9.0	13.4

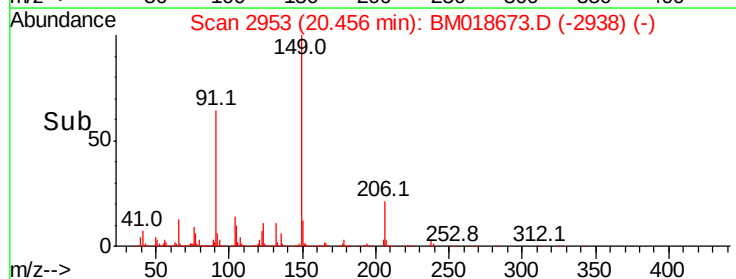
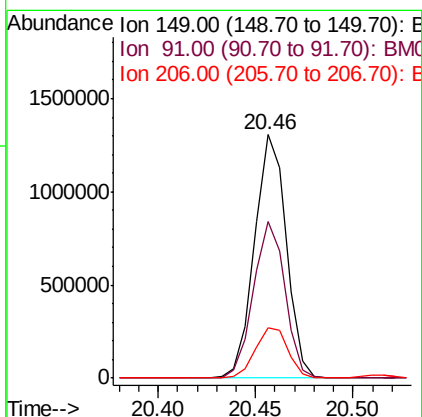
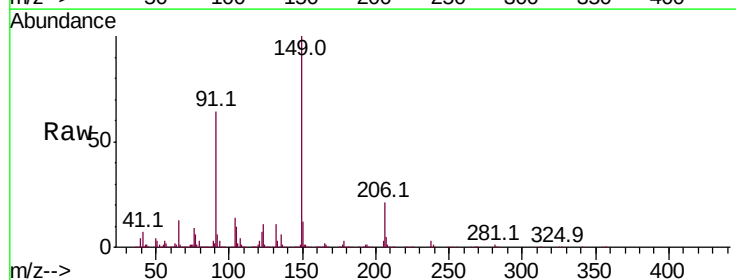
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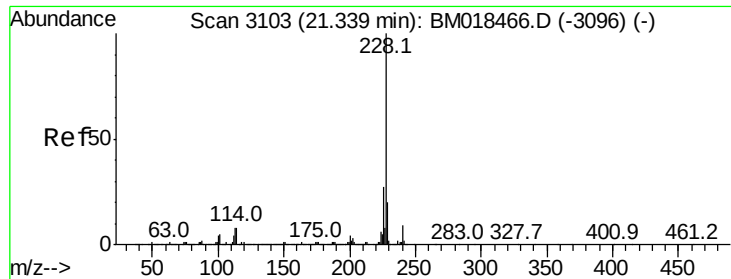
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#80
 Butylbenzylphthalate
 Concen: 50.751 ng
 RT: 20.46 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.3	53.1	79.7
206	20.5	16.2	24.4





#81

Benzo(a)anthracene

Concen: 50.464 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

Tot Ion:228 Resp: 3408407

Ion Ratio Lower Upper

228 100

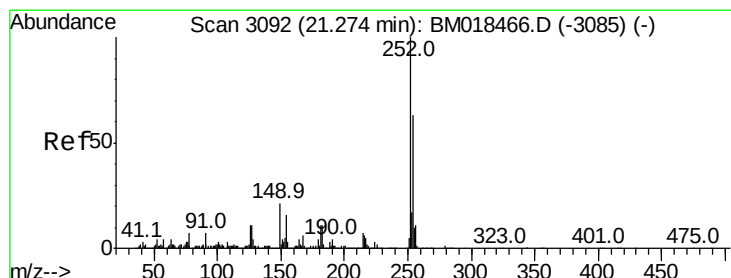
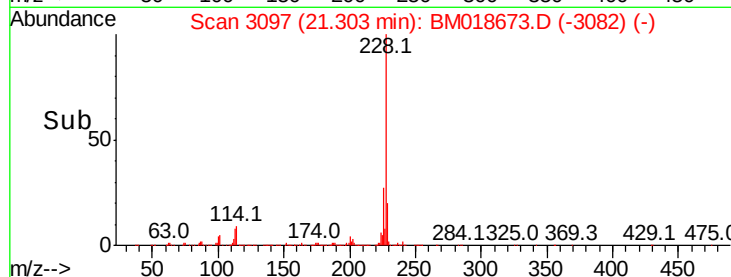
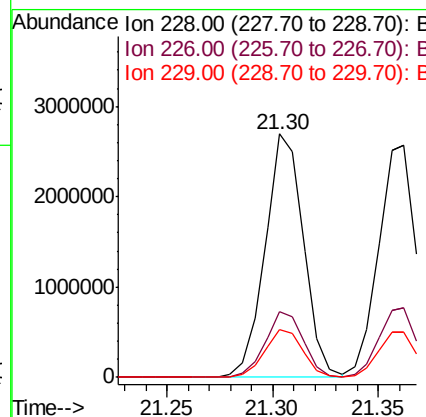
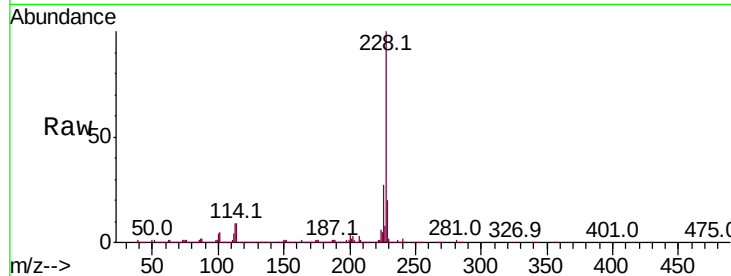
226 27.2 21.8 32.6

229 19.9 15.8 23.8

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#82

3,3'-Dichlorobenzidine

Concen: 11.675 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

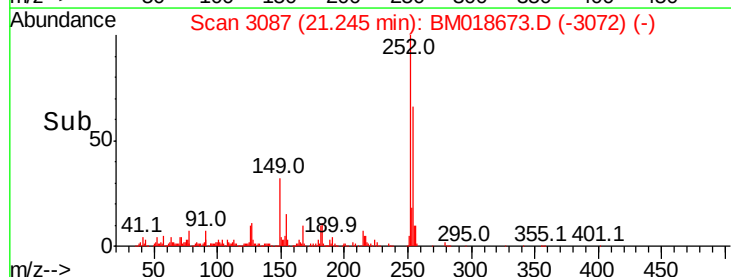
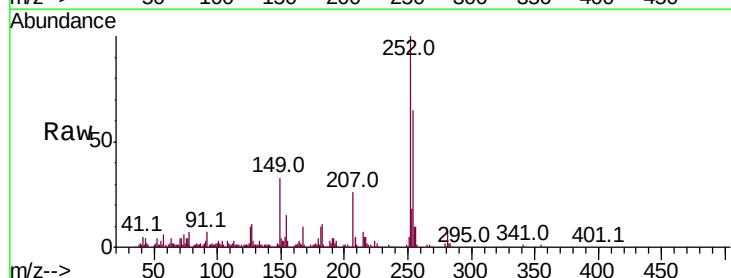
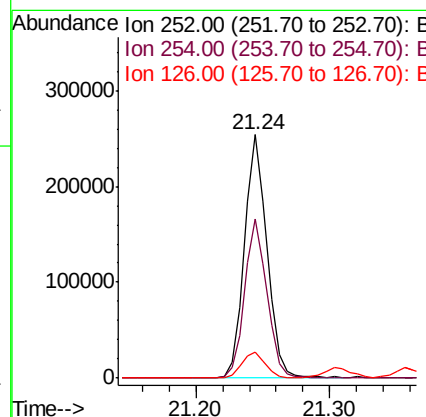
Tgt Ion:252 Resp: 298175

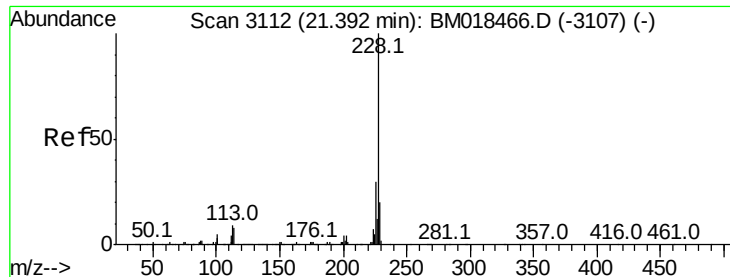
Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.0

126 10.5 8.7 13.1





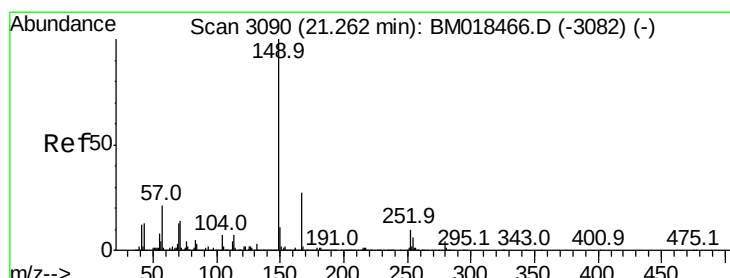
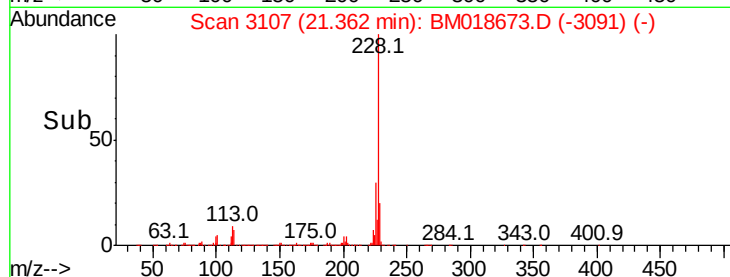
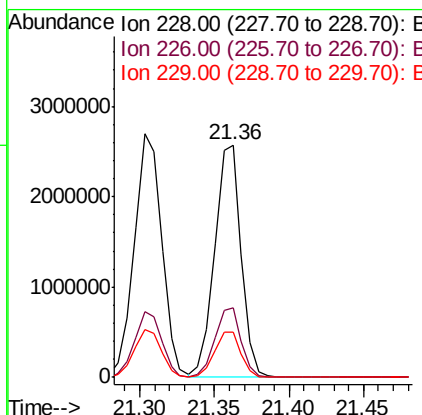
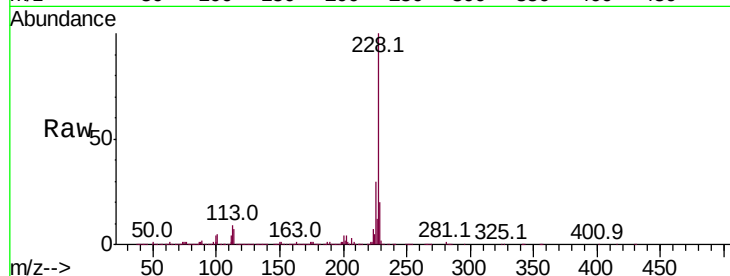
#83
 Chrysene
 Concen: 48.992 ng
 RT: 21.36 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.6	15.6	23.4

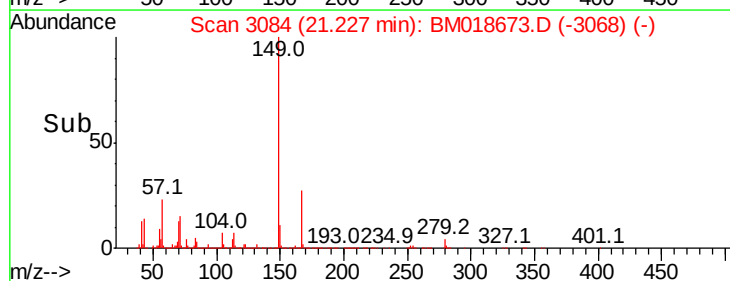
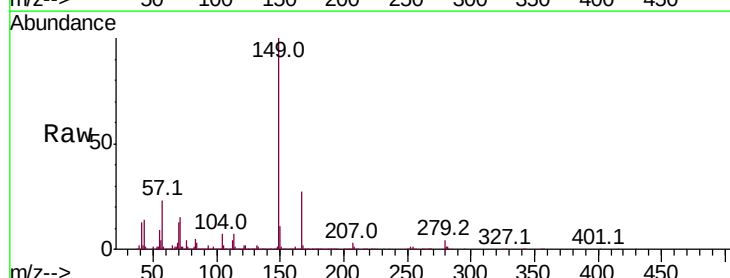
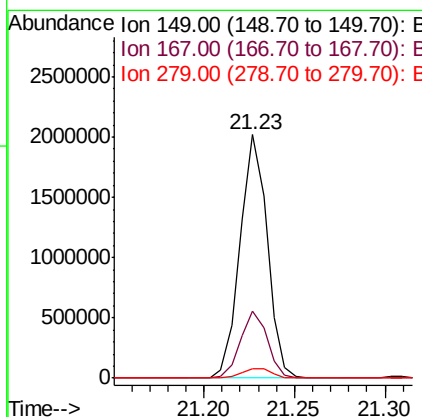
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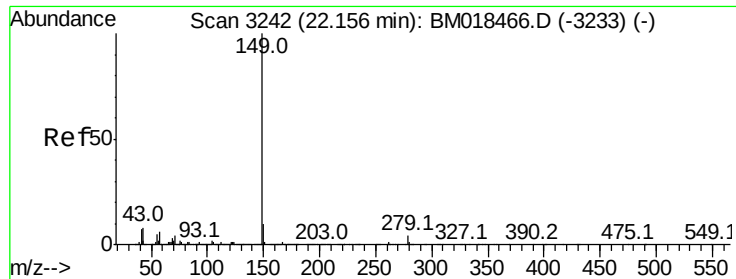
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.313 ng
 RT: 21.23 min Scan# 3084
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.6	32.4
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 53.049 ng

RT: 22.12 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

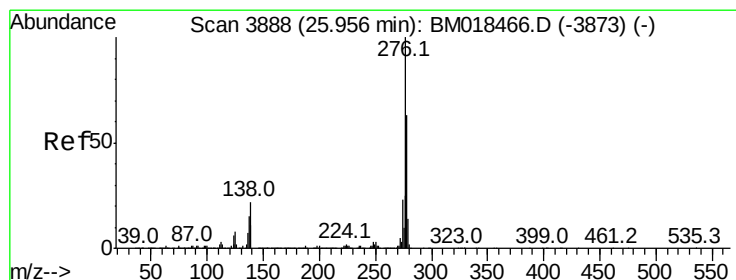
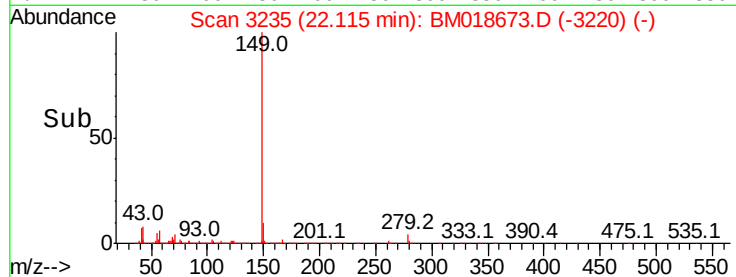
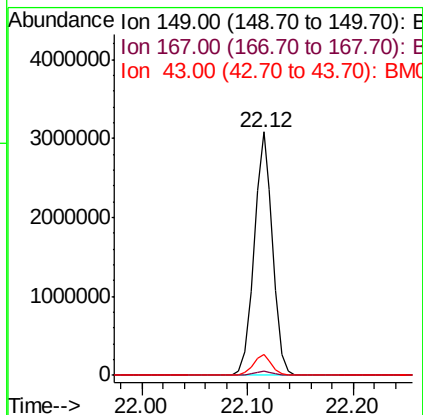
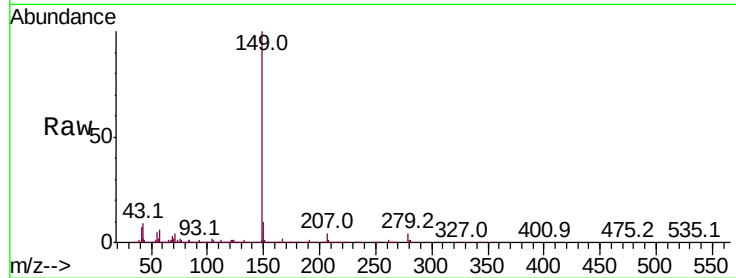
ClientSampleId :

OR-01-012519-AMS

Tot Ion:	149	Resp:	3736150
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.5	8.6	12.8#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 51.713 ng

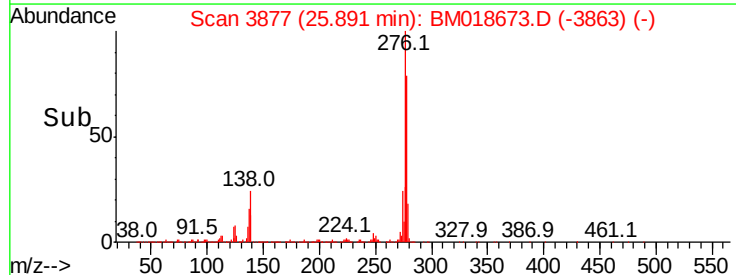
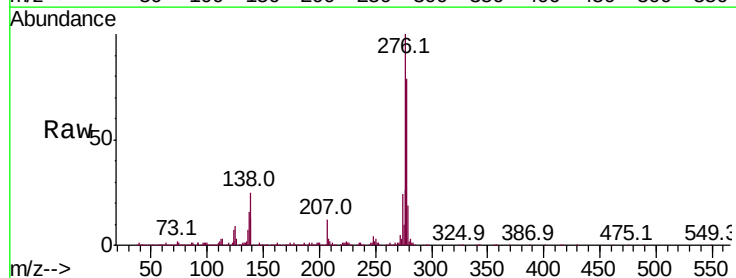
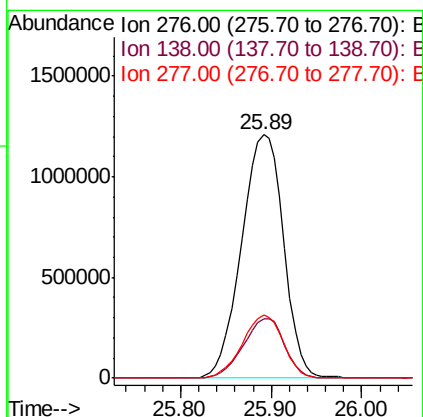
RT: 25.89 min Scan# 3877

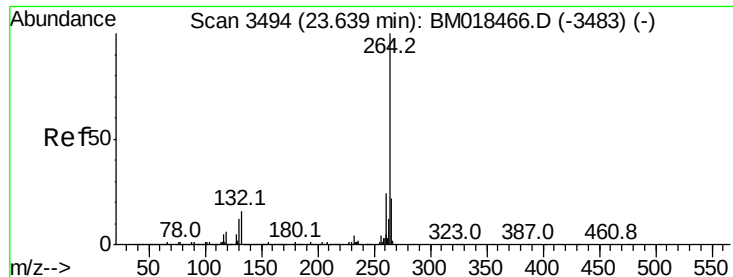
Delta R.T. -0.02 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tgt Ion:	276	Resp:	3889233
Ion Ratio	Lower	Upper	
276	100		
138	24.0	21.5	32.3
277	25.3	20.2	30.2





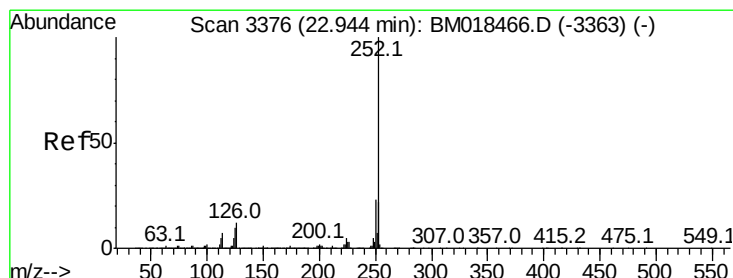
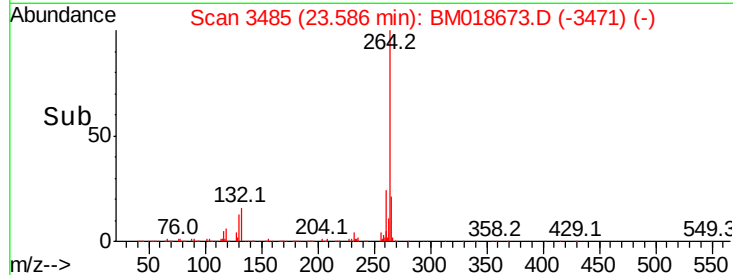
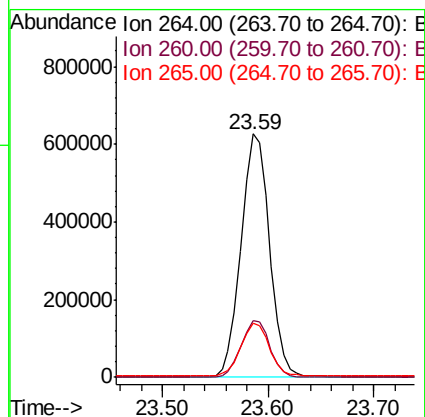
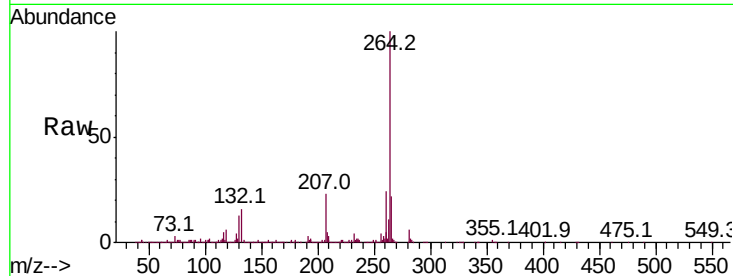
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.2	16.8	25.2

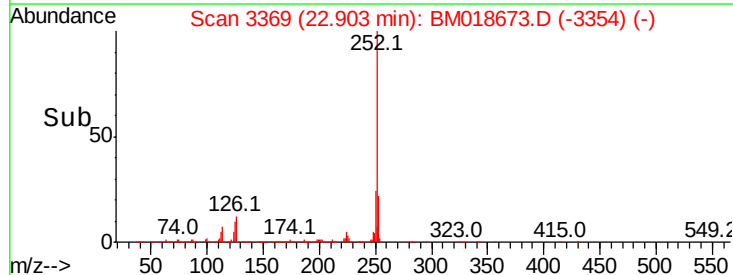
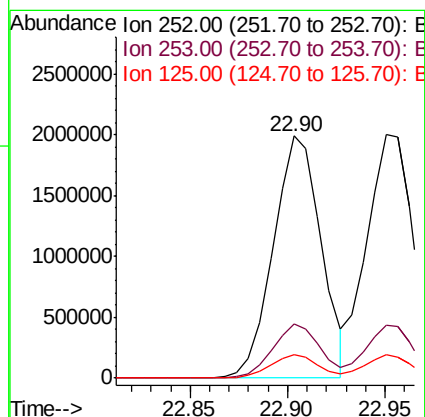
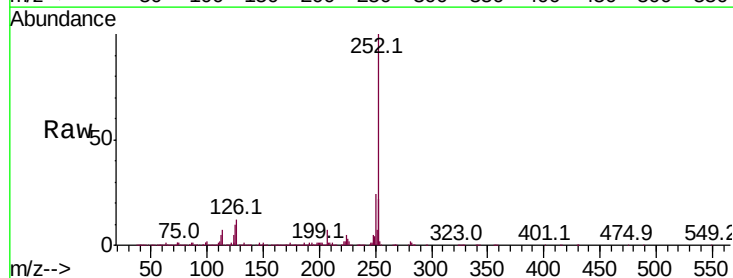
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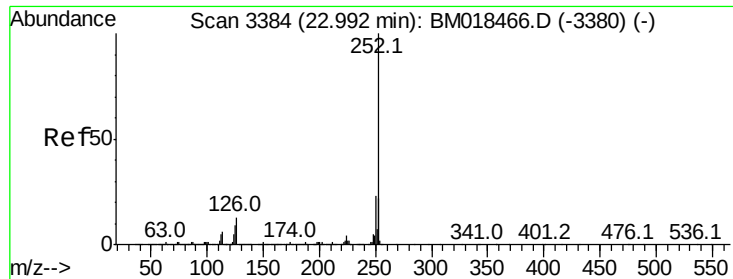
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#88
Benzo(b)fluoranthene
Concen: 50.440 ng
RT: 22.90 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.6	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 49.740 ng

RT: 22.95 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

Tot Ion:252 Resp: 3346542

Ion Ratio Lower Upper

252 100

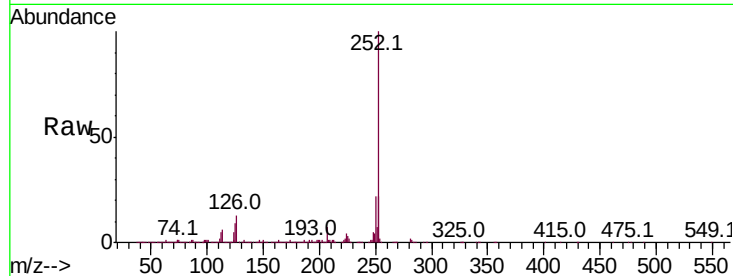
253 21.7 17.4 26.0

125 9.4 8.6 12.8

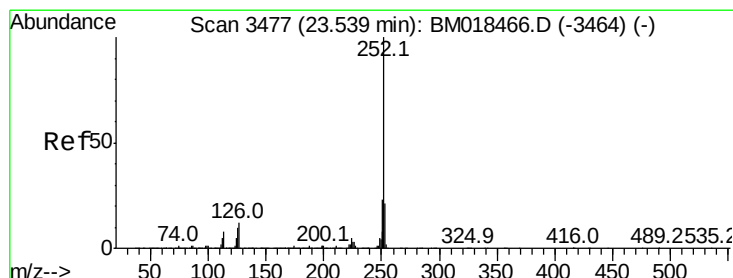
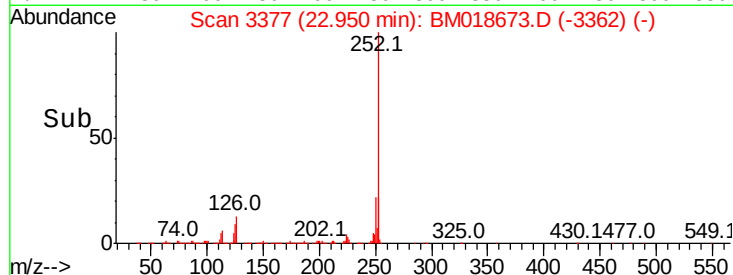
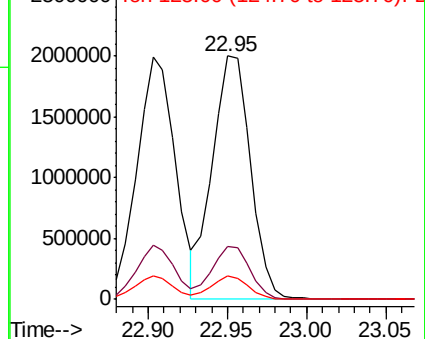
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 51.228 ng

RT: 23.49 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tgt Ion:252 Resp: 3274193

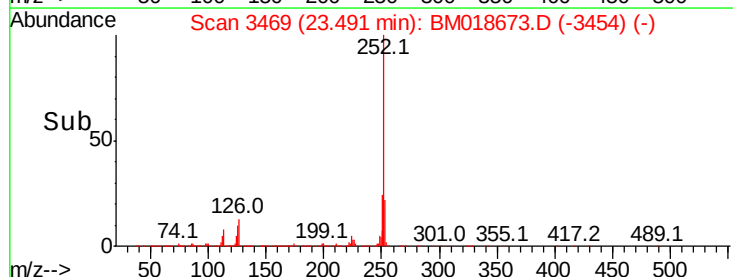
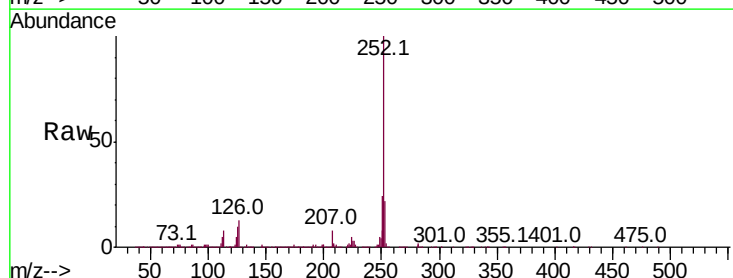
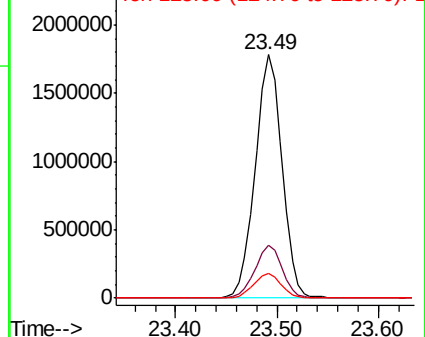
Ion Ratio Lower Upper

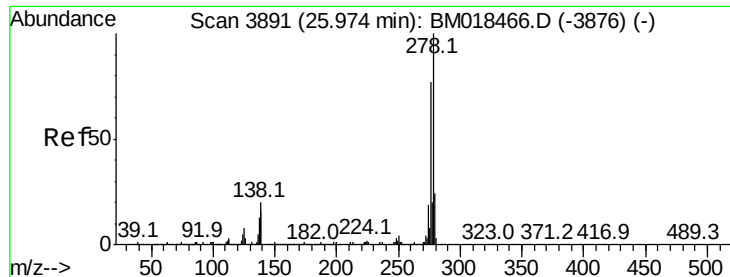
252 100

253 21.7 17.5 26.3

125 10.3 9.7 14.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





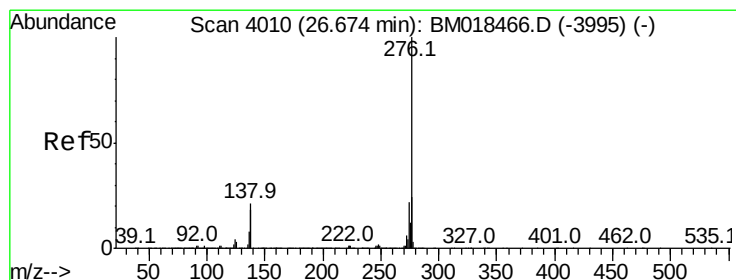
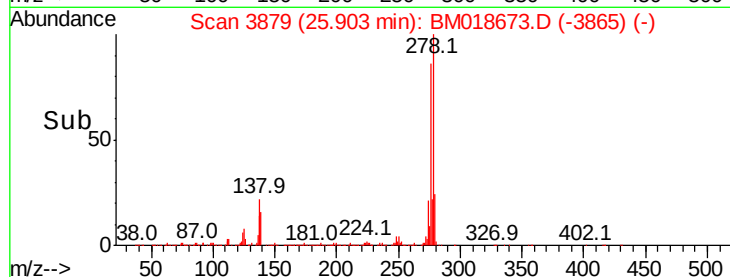
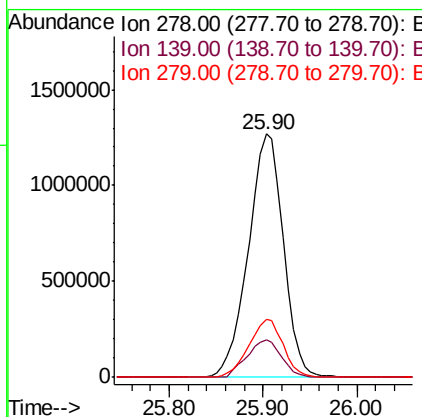
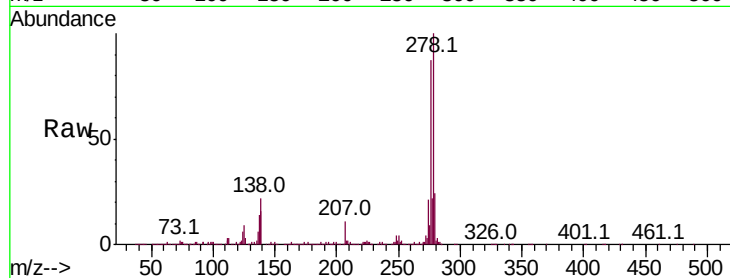
#91
Dibenzo(a,h)anthracene
Concen: 50.610 ng
RT: 25.90 min Scan# 3879
Delta R.T. -0.02 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.2	19.8
279	23.6	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 51.194 ng
RT: 26.60 min Scan# 3998
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	20.1	18.1	27.1

