

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018592.D
 Acq On : 16 Jan 2019 20:26
 Operator : JU/SJ
 Sample : K1147-16MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

Manual Integrations
 APPROVED

Sohil
 1/17/2019 12:17:34 PM

Quant Time: Jan 17 01:30:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	376805	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	1588669	20.00	ng	-0.01
39) Acenaphthene-d10	14.40	164	928502	20.00	ng	-0.01
64) Phenanthrene-d10	17.14	188	2063948	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1660943	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1367356	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1853866	90.85	ng	-0.01
7) Phenol-d6	6.93	99	2468039	95.22	ng	0.00
23) Nitrobenzene-d5	8.92	82	1499167	54.70	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1096739	92.77	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	3982819	55.97	ng	-0.01
79) Terphenyl-d14	19.78	244	5578636	70.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	158236	19.025	ng	96
3) Pyridine	3.68	79	307252	14.817	ng	96
4) n-Nitrosodimethylamine	3.59	42	245392	28.618	ng	# 94
6) Aniline	7.09	93	628275	21.731	ng	98
8) 2-Chlorophenol	7.32	128	734273	30.809	ng	95
9) Benzaldehyde	6.90	77	184163	10.066	ng	99
10) Phenol	6.95	94	854851	32.457	ng	99
11) bis(2-Chloroethyl)ether	7.18	93	577292	27.895	ng	97
12) 1,3-Dichlorobenzene	7.63	146	759808	26.770	ng	98
13) 1,4-Dichlorobenzene	7.78	146	780650	27.136	ng	99
14) 1,2-Dichlorobenzene	8.09	146	751809	27.561	ng	100
15) Benzyl Alcohol	7.99	79	594897	31.779	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.27	45	719984	27.224	ng	94
17) 2-Methylphenol	8.19	107	576062	32.222	ng	98
18) Hexachloroethane	8.82	117	274888	26.800	ng	94
19) n-Nitroso-di-n-propylamine	8.56	70	487787	28.919	ng	90
20) 3+4-Methylphenols	8.52	107	793928	32.169	ng	98
22) Acetophenone	8.57	105	995350	25.327	ng	# 97
24) Nitrobenzene	8.96	77	726016	26.925	ng	97
25) Isophorone	9.47	82	1338872	32.263	ng	97
26) 2-Nitrophenol	9.66	139	410399	31.477	ng	96
27) 2,4-Dimethylphenol	9.72	122	665687	34.063	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	823147	28.713	ng	100
29) 2,4-Dichlorophenol	10.19	162	729857	31.364	ng	98
30) 1,2,4-Trichlorobenzene	10.40	180	773808	26.790	ng	99
31) Naphthalene	10.59	128	2239725	29.273	ng	100
32) Benzoic acid	9.85	122	345351m	29.193	ng	
33) 4-Chloroaniline	10.71	127	500009	16.594	ng	99
34) Hexachlorobutadiene	10.86	225	474142	25.984	ng	99
35) Caprolactam	11.53	113	212159m	26.816	ng	
36) 4-Chloro-3-methylphenol	11.84	107	755310	30.938	ng	99
37) 2-Methylnaphthalene	12.20	142	1698420	31.419	ng	100
38) 1-Methylnaphthalene	12.43	142	1607614	30.735	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	896728	27.618	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.54	237	566636	31.798	ng	99
43) 2,4,6-Trichlorophenol	12.82	196	612088	31.043	ng	99
44) 2,4,5-Trichlorophenol	12.89	196	652761	31.478	ng	98
46) 1,1'-Biphenyl	13.23	154	2182862	26.925	ng	98
47) 2-Chloronaphthalene	13.27	162	1685249	26.806	ng	99
48) 2-Nitroaniline	13.49	65	451308	29.179	ng	89
49) Acenaphthylene	14.12	152	2739144	29.897	ng	99
50) Dimethylphthalate	13.86	163	3038533	39.847	ng	99
51) 2,6-Dinitrotoluene	13.99	165	474433	29.372	ng	92
52) Acenaphthene	14.46	154	1570570	28.017	ng	99
53) 3-Nitroaniline	14.32	138	359651	22.086	ng	93
54) 2,4-Dinitrophenol	14.52	184	382981	47.057	ng	91
55) Dibenzofuran	14.80	168	2549056	27.521	ng	98
56) 4-Nitrophenol	14.64	139	808736	57.487	ng	94
57) 2,4-Dinitrotoluene	14.77	165	659810	28.870	ng	97
58) Fluorene	15.45	166	2068035	29.972	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.02	232	577331	31.410	ng	97
60) Diethylphthalate	15.22	149	2206631	28.665	ng	99
61) 4-Chlorophenyl-phenylether	15.44	204	1061184	26.685	ng	99
62) 4-Nitroaniline	15.49	138	450340	25.354	ng	97
63) Azobenzene	15.73	77	1733699	27.623	ng	97
65) 4,6-Dinitro-2-methylphenol	15.53	198	287544	24.795	ng	87
66) n-Nitrosodiphenylamine	15.66	169	1834077	28.647	ng	100
67) 4-Bromophenyl-phenylether	16.34	248	655849	28.396	ng	97
68) Hexachlorobenzene	16.44	284	718031	27.770	ng	99
69) Atrazine	16.62	200	664915	28.728	ng	99
70) Pentachlorophenol	16.79	266	833286	49.208	ng	98
71) Phenanthrene	17.19	178	3223638	29.364	ng	100
72) Anthracene	17.28	178	3314764	31.400	ng	100
73) Carbazole	17.56	167	2953332	27.230	ng	100
74) Di-n-butylphthalate	18.11	149	3791900	31.918	ng	99
75) Fluoranthene	19.21	202	3629345	28.675	ng	98
77) Benzidine	19.40	184	1071318	26.123	ng	100
78) Pyrene	19.57	202	3637894	36.951	ng	100
80) Butylbenzylphthalate	20.47	149	1665944	39.655	ng	96
81) Benzo(a)anthracene	21.32	228	2945664	30.104	ng	100
82) 3,3'-Dichlorobenzidine	21.26	252	871227	23.546	ng	99
83) Chrysene	21.37	228	2726494	28.855	ng	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	2373815	39.131	ng	98
85) Di-n-octyl phthalate	22.13	149	3679527	36.063	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.93	276	2540627	23.318	ng	96
88) Benzo(b)fluoranthene	22.93	252	2434656	31.363	ng	98
89) Benzo(k)fluoranthene	22.97	252	2290404	29.277	ng	98
90) Benzo(a)pyrene	23.52	252	2252818	30.313	ng	98
91) Dibenzo(a,h)anthracene	25.94	278	2141867	28.444	ng	98
92) Benzo(g,h,i)perylene	26.64	276	2114914	28.861	ng	97

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

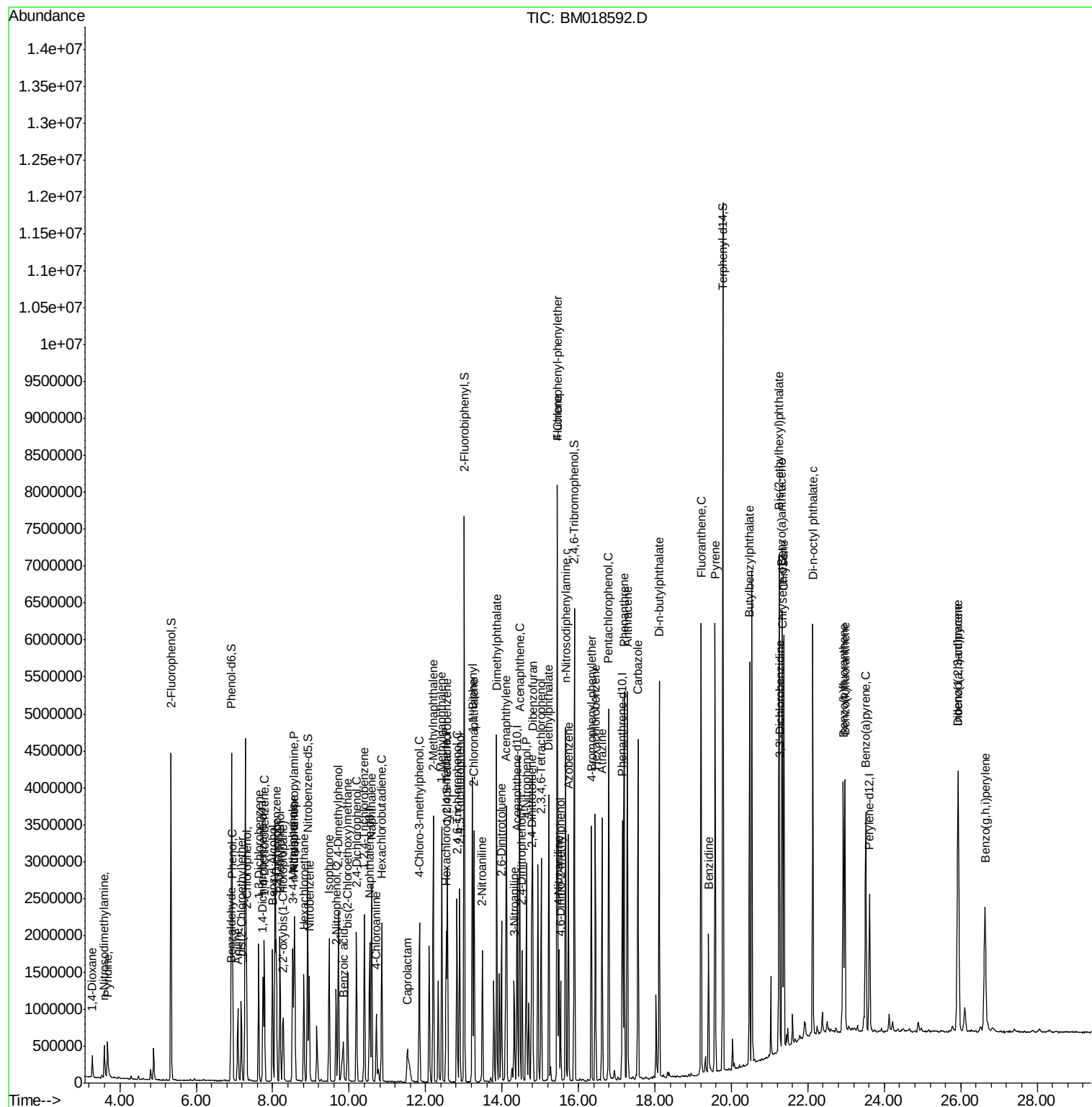
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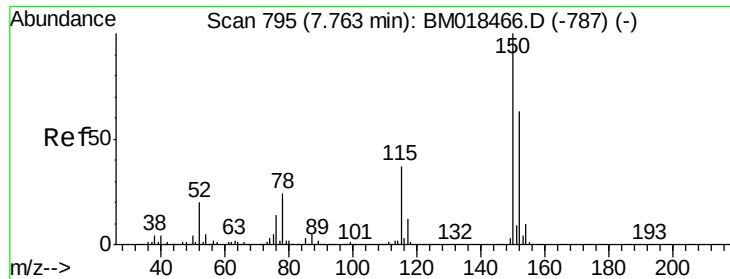
Instrument :
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 TP-6MS

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#1

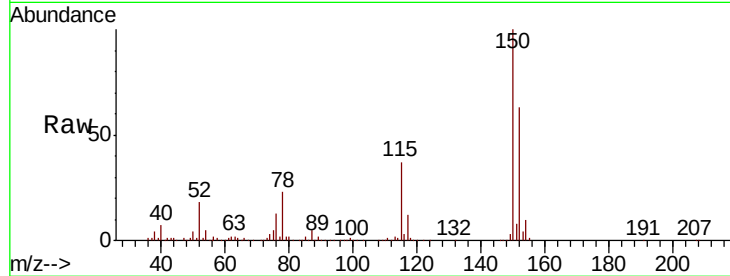
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.9	190.3
115	59.4	45.5	68.3

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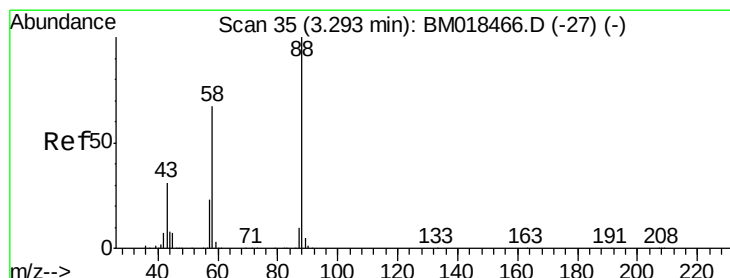
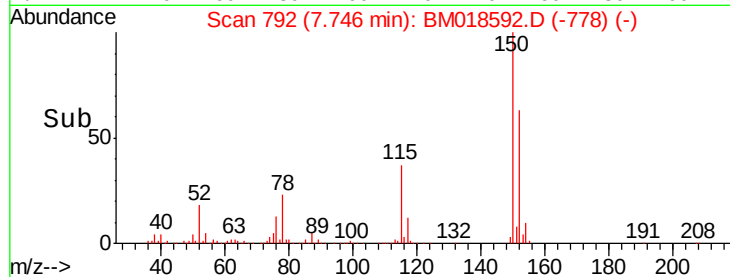
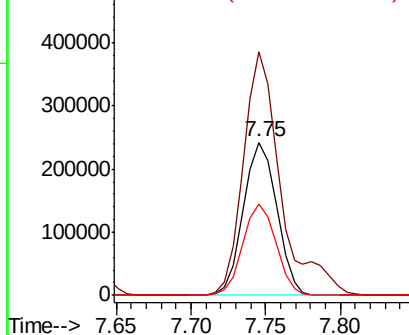


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

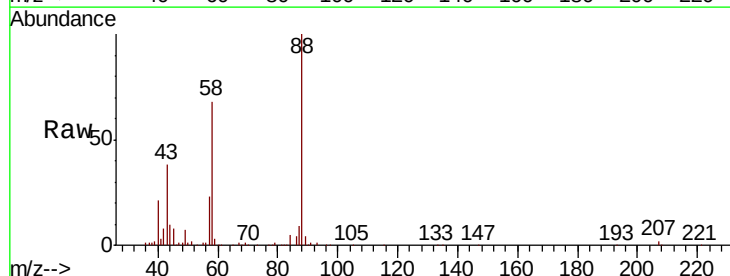
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 19.025 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	58.4	87.6
43	31.7	26.2	39.4

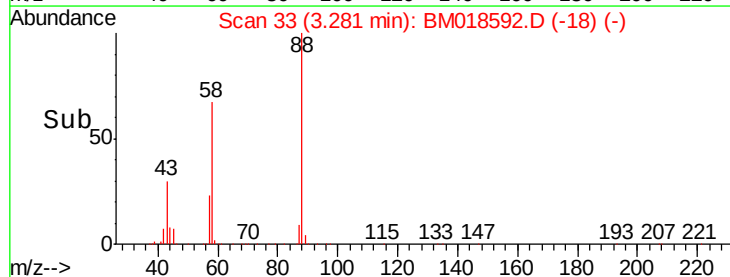
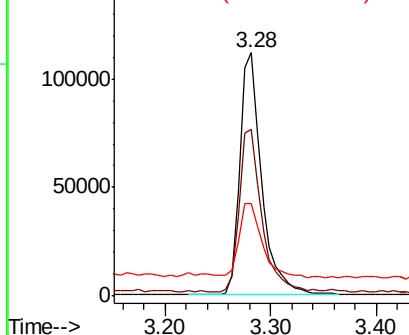


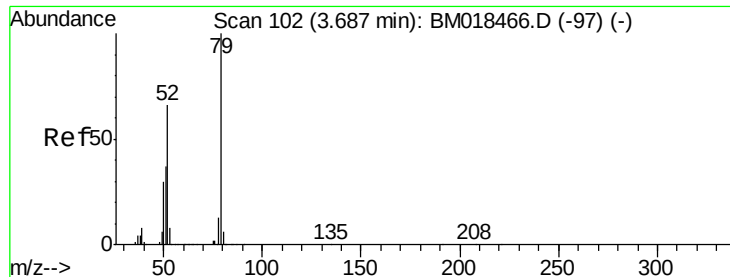
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 14.817 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

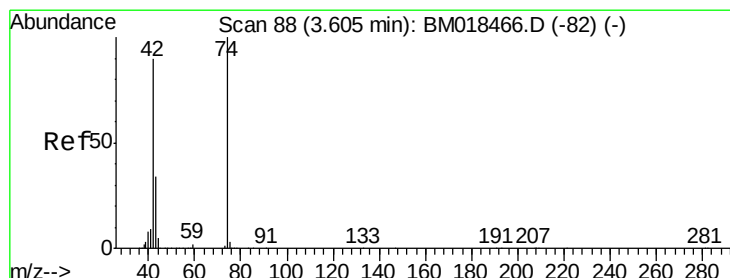
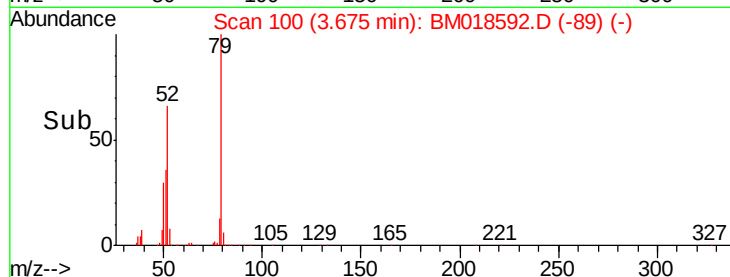
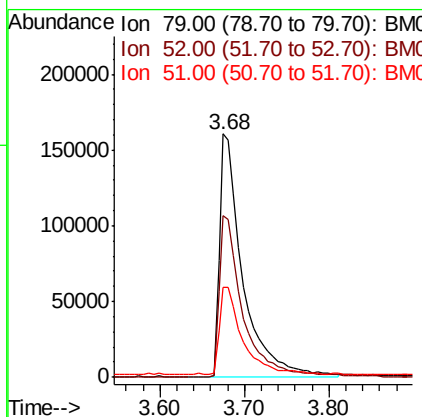
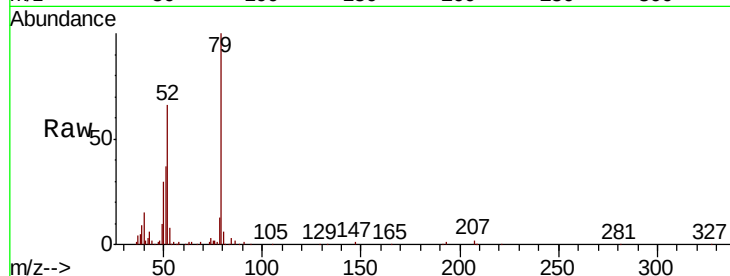
ClientSampleId :

TP-6MS

Tot Ion:	79	Resp:	307252
Ion Ratio	Lower	Upper	
79	100		
52	66.2	56.4	84.6
51	37.2	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 28.618 ng

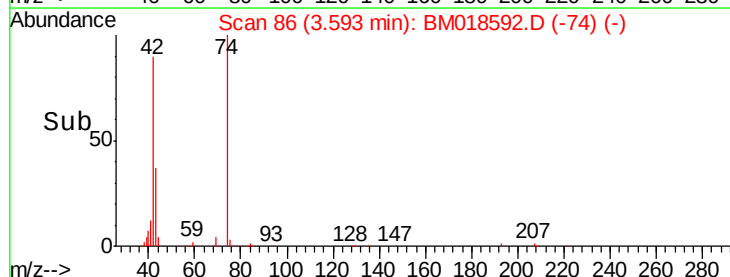
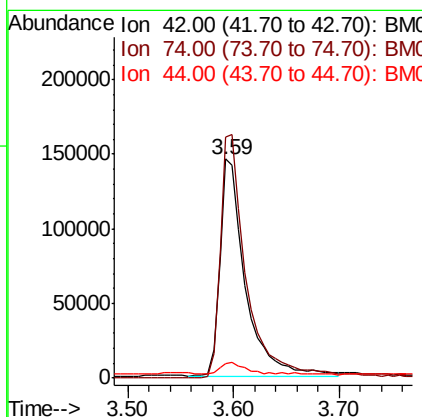
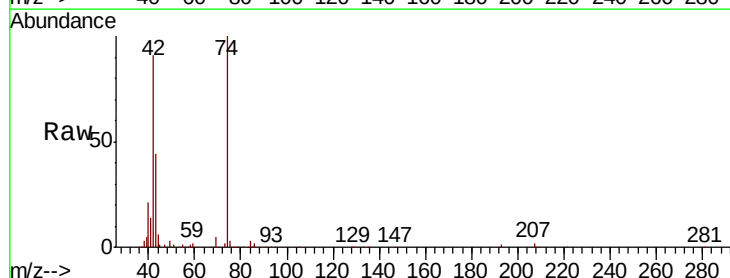
RT: 3.59 min Scan# 86

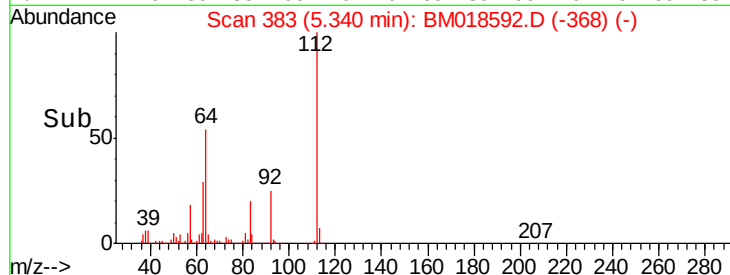
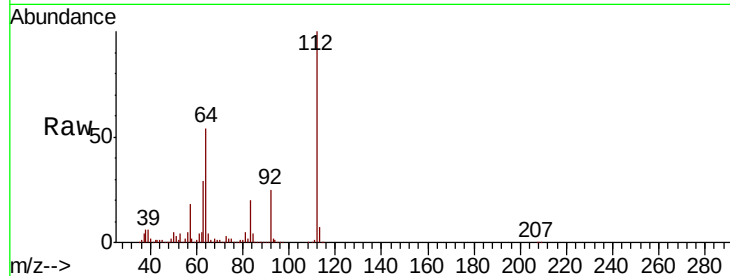
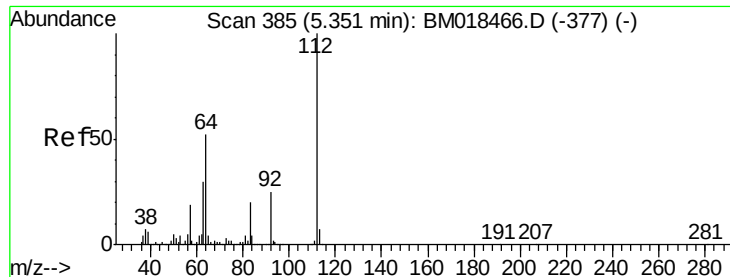
Delta R.T. -0.03 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Tgt Ion:	42	Resp:	245392
Ion Ratio	Lower	Upper	
42	100		
74	109.8	88.6	132.8
44	6.7	16.9	25.3#





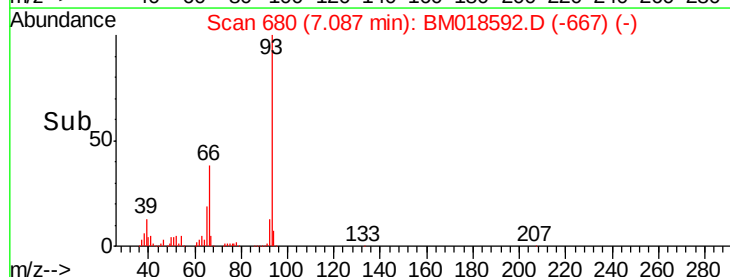
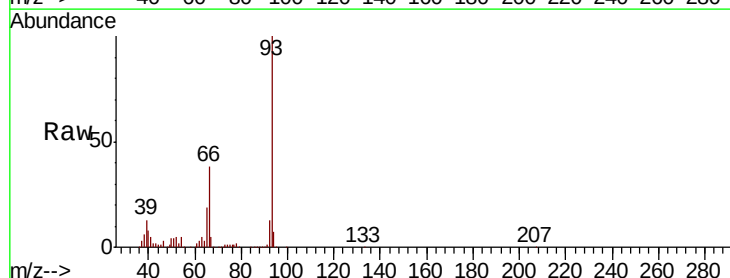
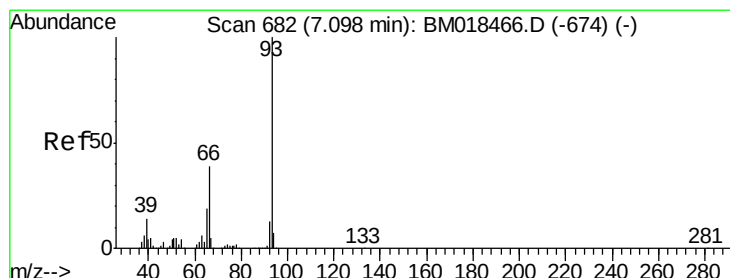
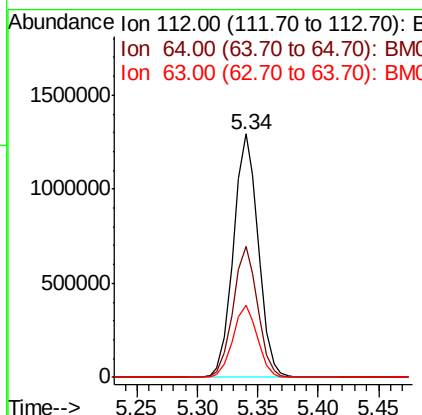
#5
2-Fluorophenol
Concen: 90.847 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tot Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.5	69.7
63	29.4	25.2	37.8

Instrument :
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ClientSampleId :
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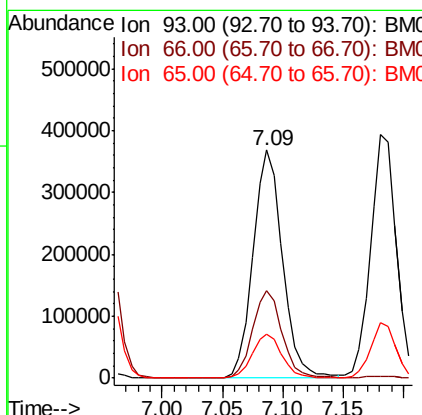
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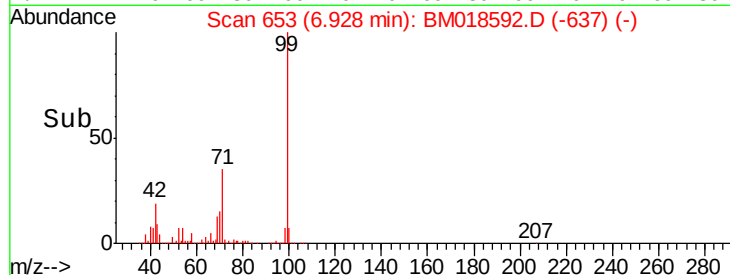
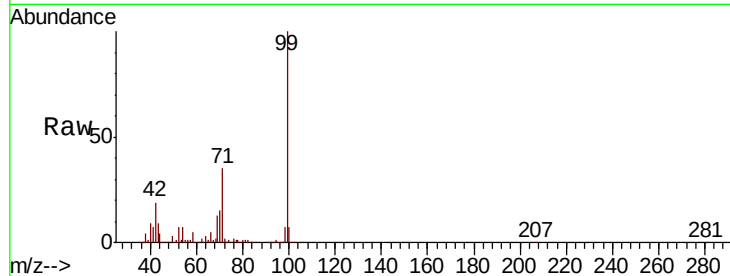
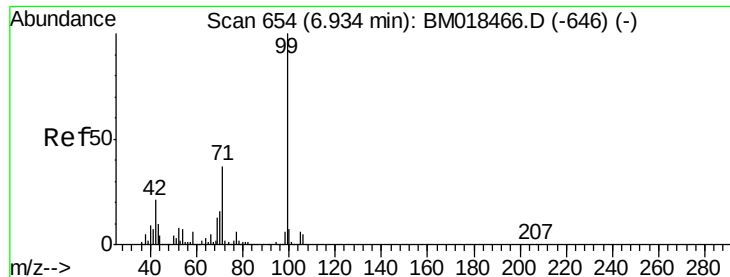
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#6
Aniline
Concen: 21.731 ng
RT: 7.09 min Scan# 680
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.4	31.7	47.5
65	19.2	15.9	23.9





#7

Phenol-d6

Concen: 95.222 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Tot Ion: 99 Resp: 2468039

Ion Ratio Lower Upper

99 100

42 19.1 17.3 25.9

71 35.4 28.0 42.0

Instrument :

BNA_M

ClientSampled :

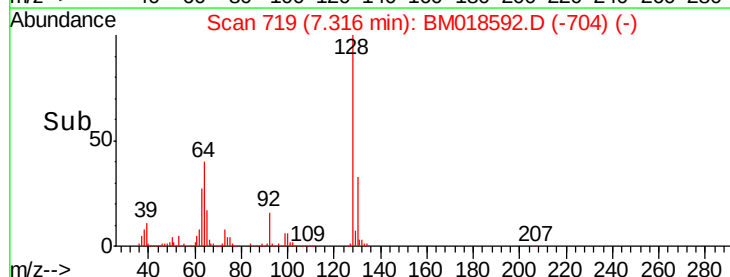
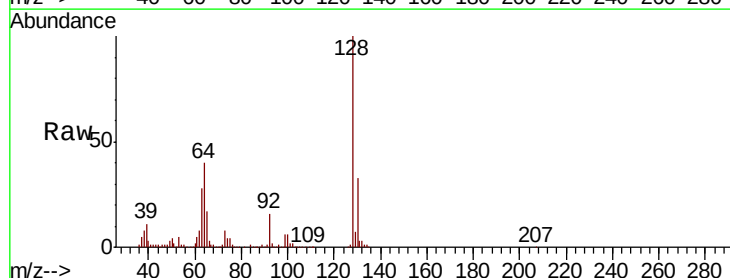
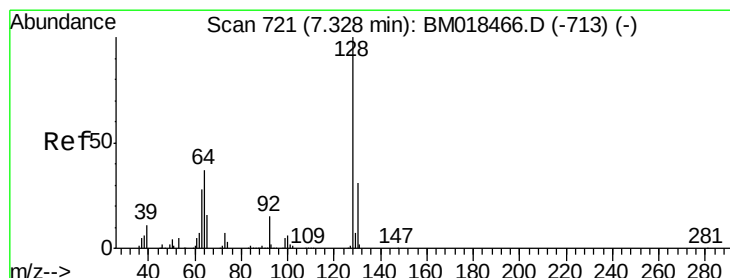
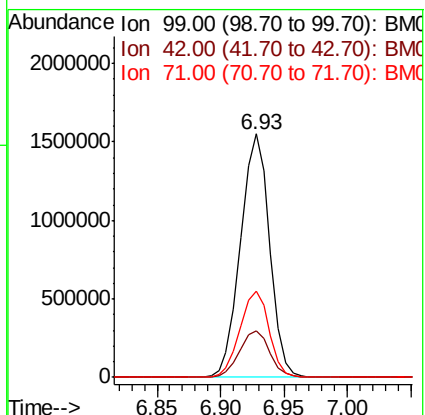
TP-6MS

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#8

2-Chlorophenol

Concen: 30.809 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

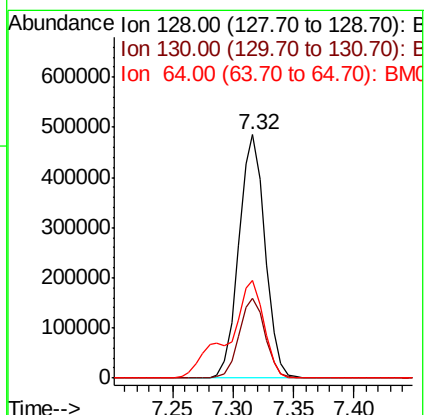
Tgt Ion: 128 Resp: 734273

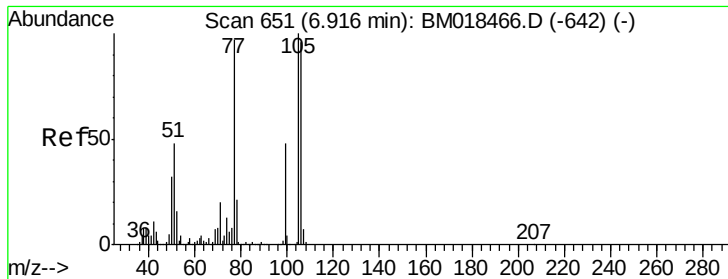
Ion Ratio Lower Upper

128 100

130 32.6 13.6 53.6

64 39.9 24.8 64.8





#9

Benzaldehyde

Concen: 10.066 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

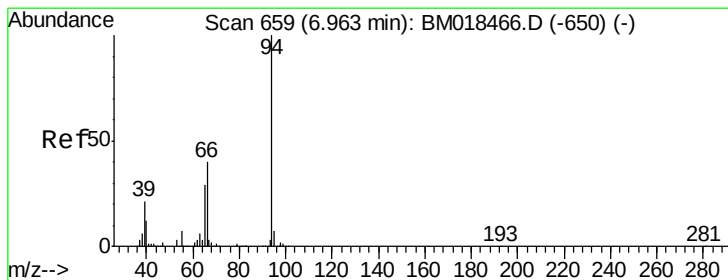
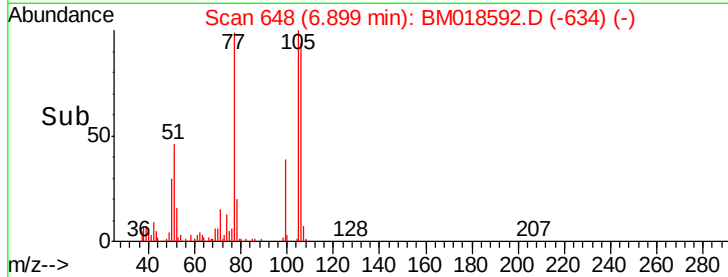
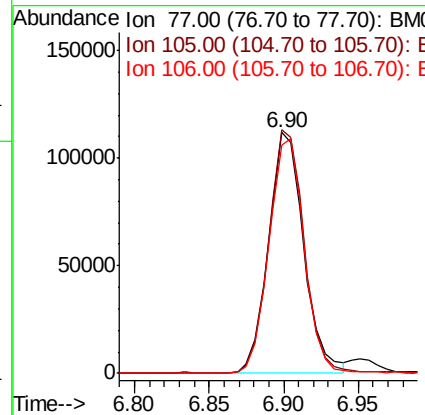
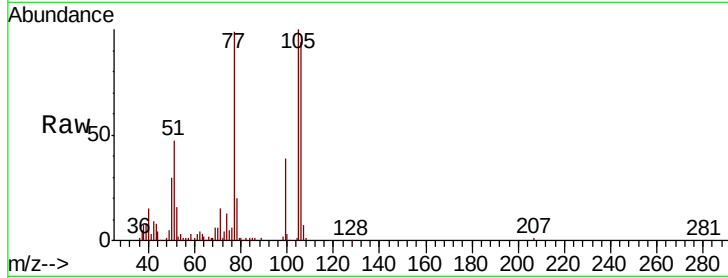
ClientSampled :

TP-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.1	79.7	119.7		
106	94.8	75.2	115.2		

Manual Integrations
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#10

Phenol

Concen: 32.457 ng

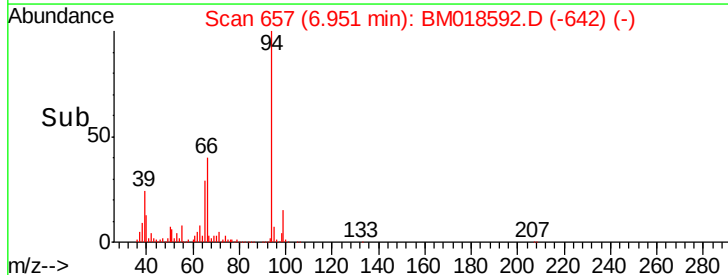
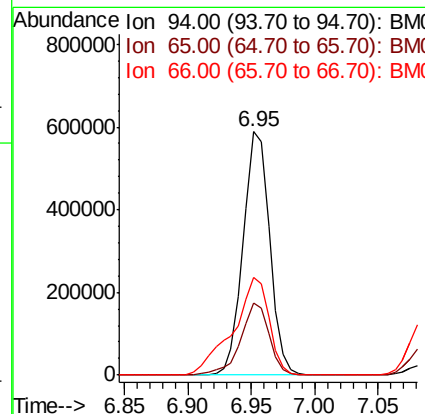
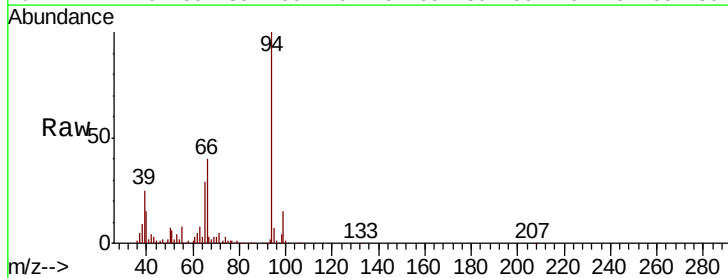
RT: 6.95 min Scan# 657

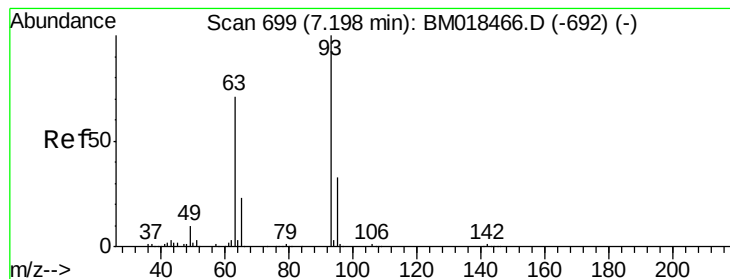
Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.5	9.4	49.4		
66	40.4	19.1	59.1		





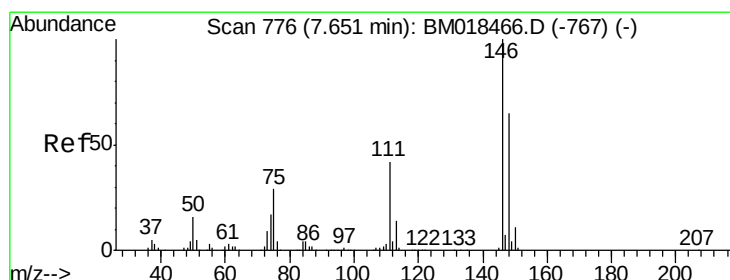
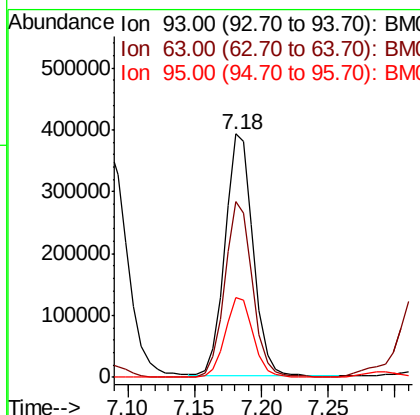
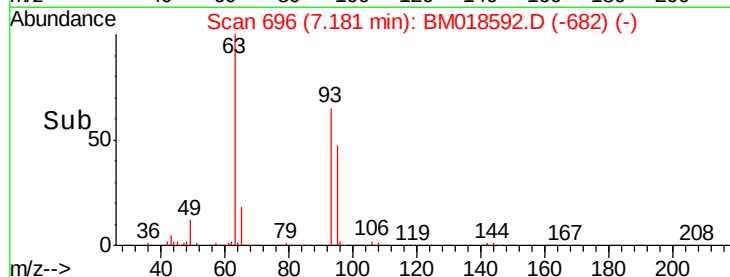
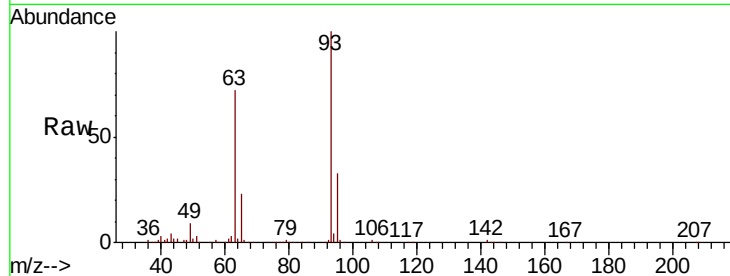
#11
bis(2-Chloroethyl)ether
Concen: 27.895 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	56.4	96.4
95	32.7	12.7	52.7

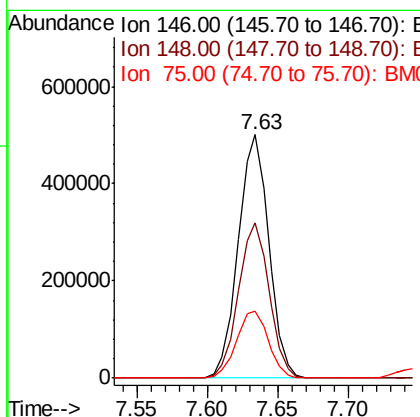
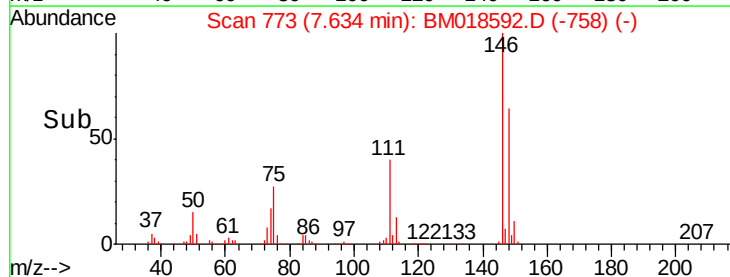
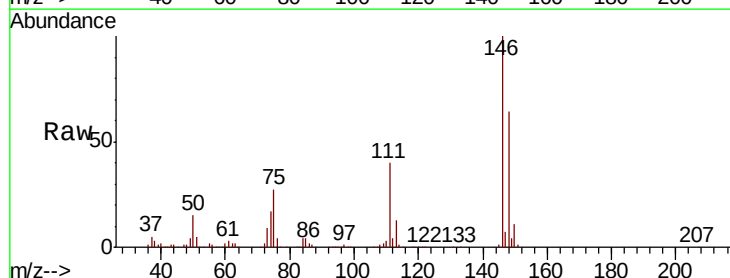
Manual Integrations
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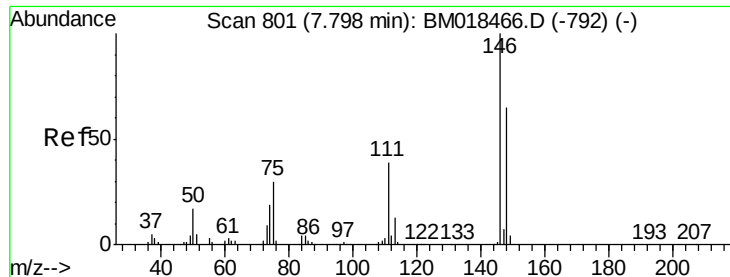
Sohil
1/17/2019 12:17:34 PM



#12
1,3-Dichlorobenzene
Concen: 26.770 ng
RT: 7.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
75	27.5	23.0	34.6





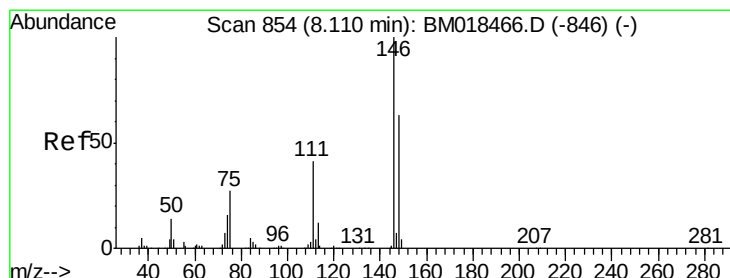
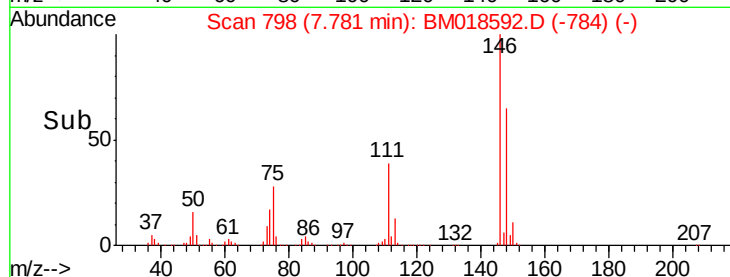
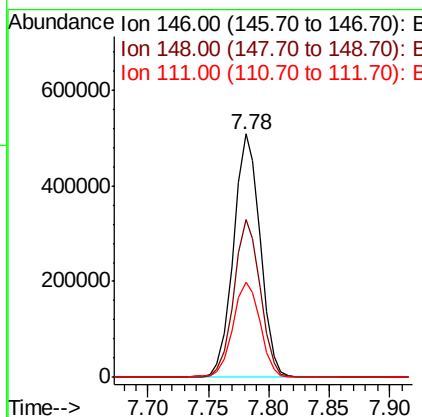
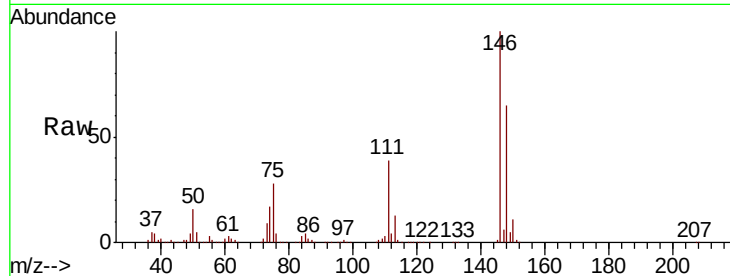
#13
 1,4-Dichlorobenzene
 Concen: 27.136 ng
 RT: 7.78 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	39.3	32.2	48.2

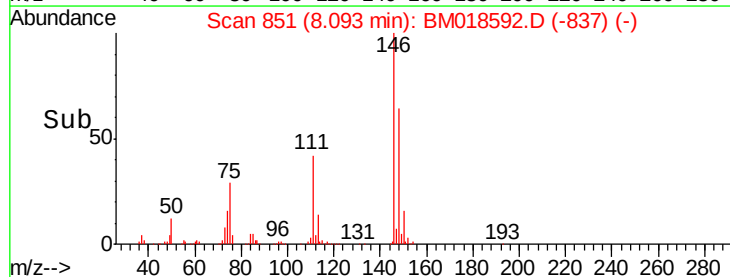
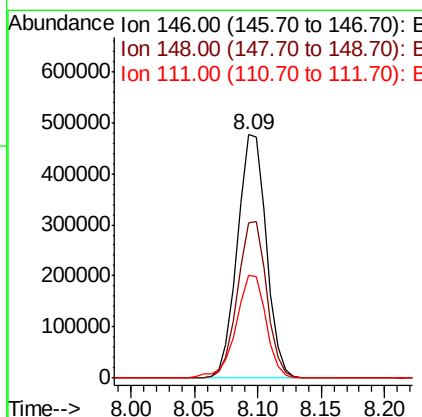
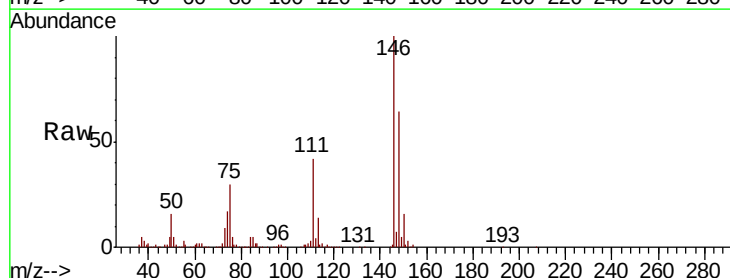
Manual Integrations
 APPROVED

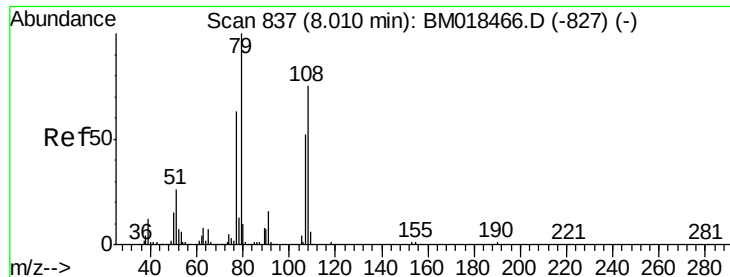
Sohil
 1/17/2019 12:17:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 27.561 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	42.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 31.779 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

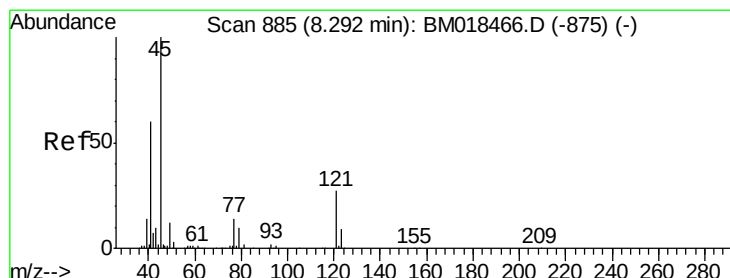
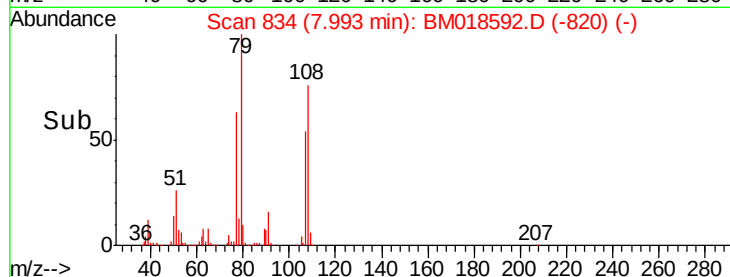
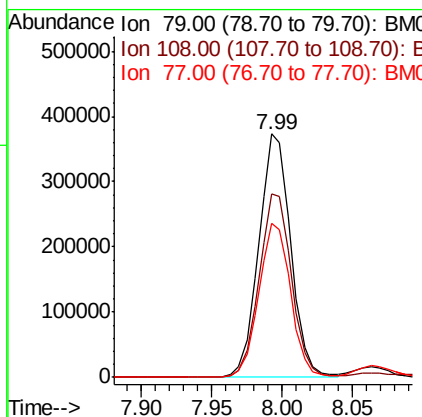
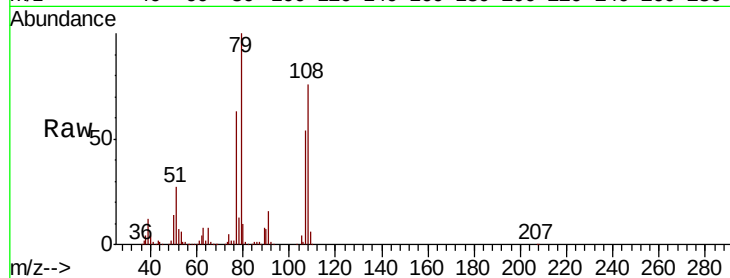
ClientSampled :

TP-6MS

Tot Ion:	79	Resp:	594897
Ion Ratio	Lower	Upper	
79	100		
108	75.5	60.4	90.6
77	63.5	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.224 ng

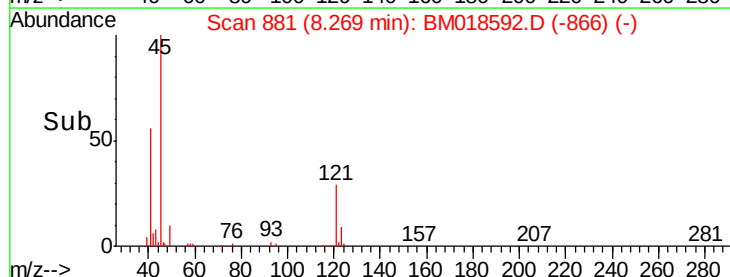
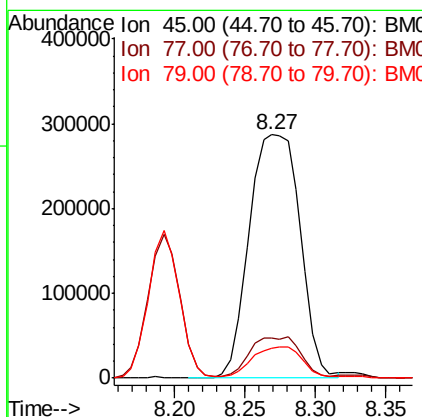
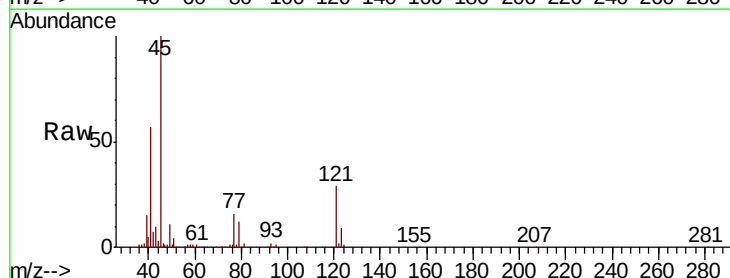
RT: 8.27 min Scan# 881

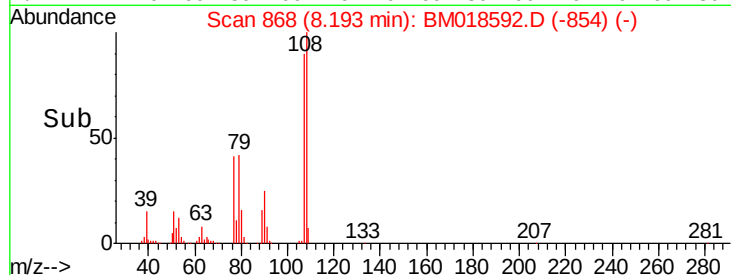
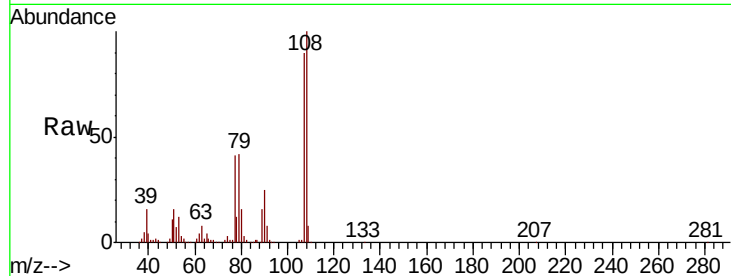
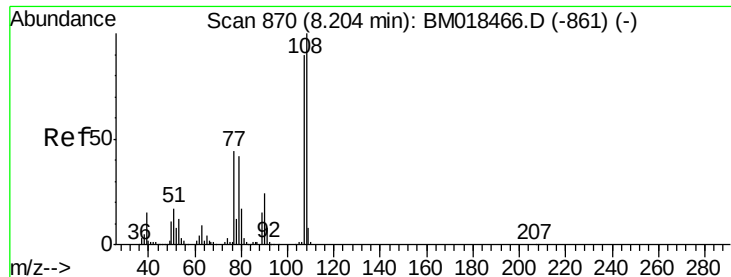
Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Tgt Ion:	45	Resp:	719984
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	33.4
79	12.4	0.0	31.1





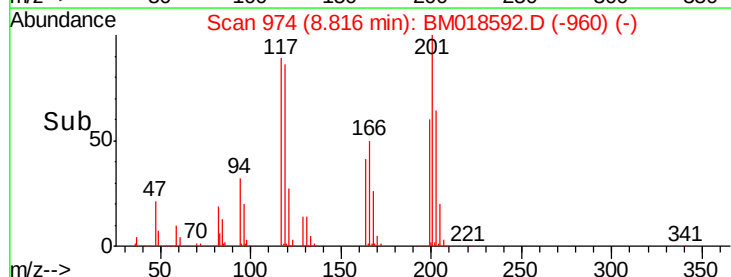
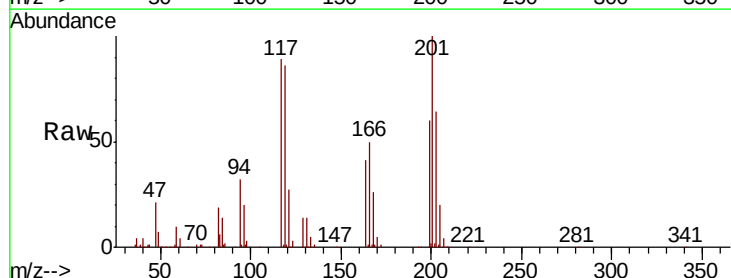
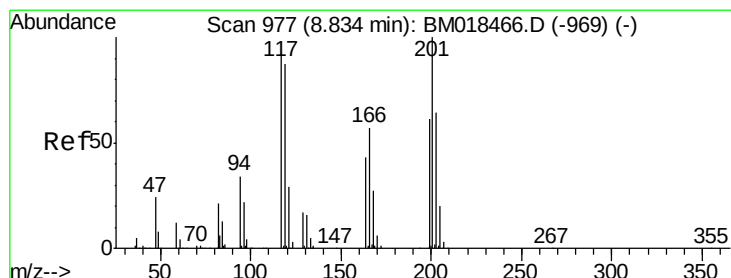
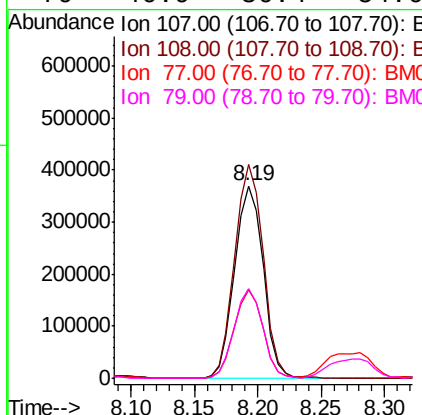
#17
2-Methylphenol
Concen: 32.222 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	576062	87.5	131.3
77	45.8		37.3	55.9
79	46.9		36.4	54.6

Instrument :
BNA_M
ClientSampleId :
TP-6MS

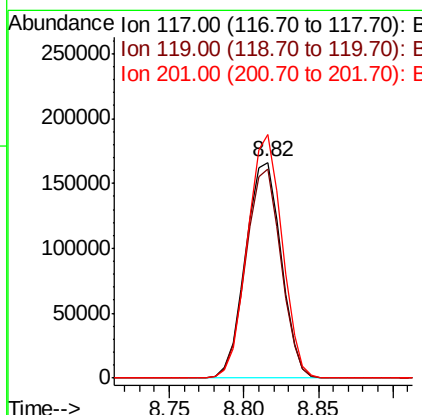
Manual Integrations
APPROVED

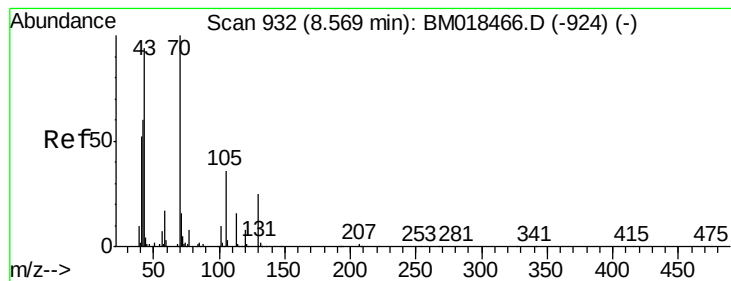
Sohil
1/17/2019 12:17:34 PM



#18
Hexachloroethane
Concen: 26.800 ng
RT: 8.82 min Scan# 974
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	274888		
119	97.0		78.3	117.5
201	112.9		81.4	122.0





#19

n-Nitroso-di-n-propylamine

Concen: 28.919 ng

RT: 8.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

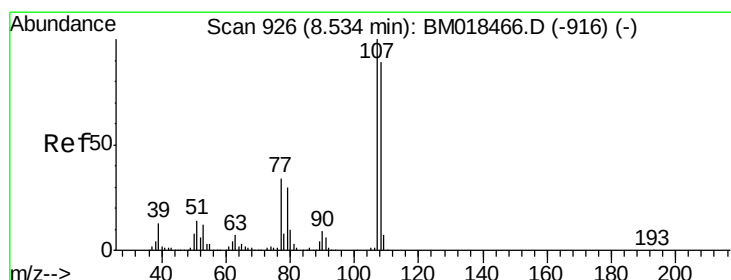
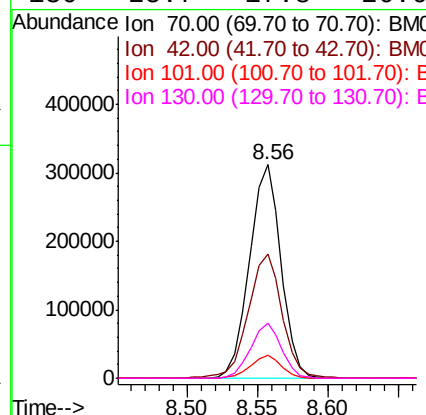
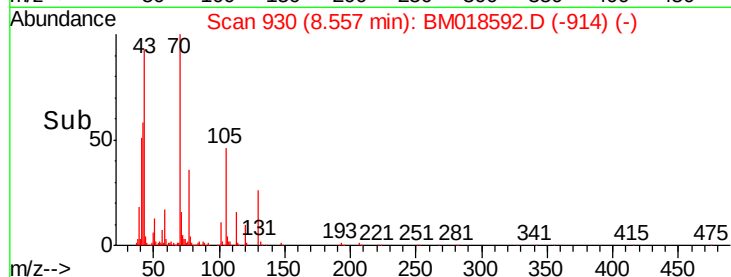
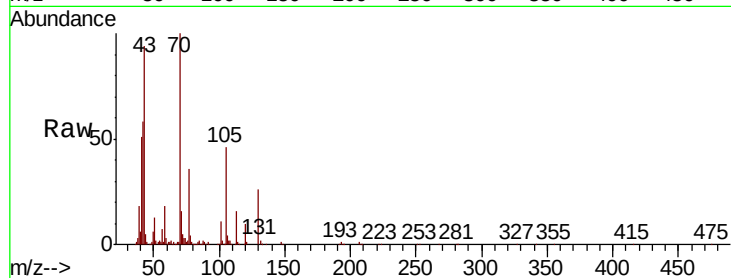
ClientSampleId :

TP-6MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	54.0	81.0	
101	11.1	8.1	12.1	
130	25.7	17.8	26.6	

Manual Integrations
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#20

3+4-Methylphenols

Concen: 32.169 ng

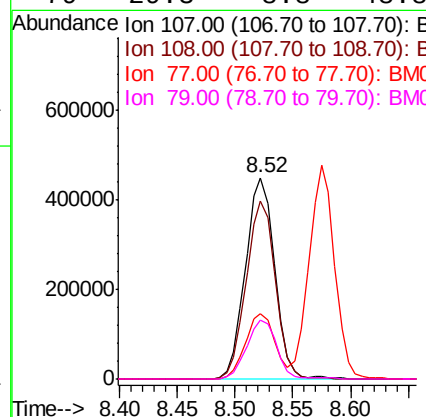
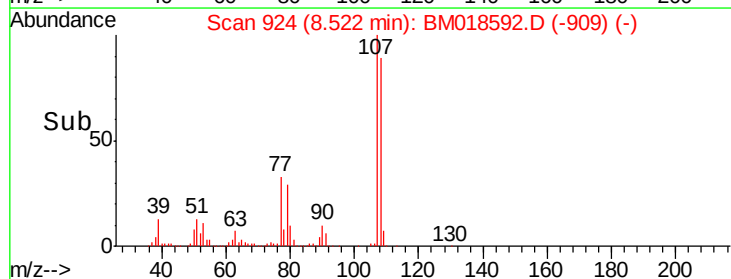
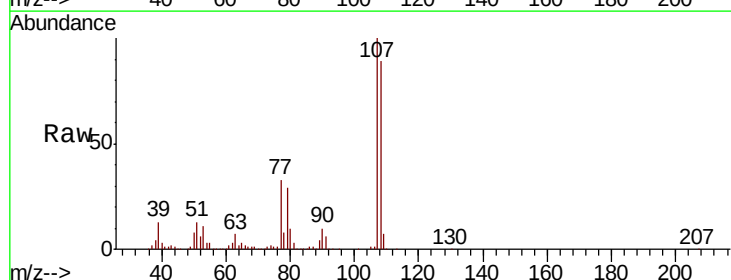
RT: 8.52 min Scan# 924

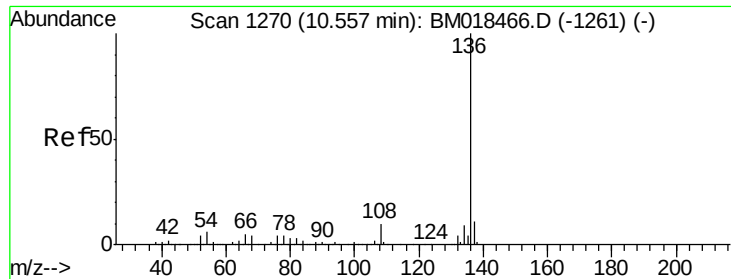
Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	66.8	106.8	
77	32.8	13.3	53.3	
79	29.3	8.8	48.8	





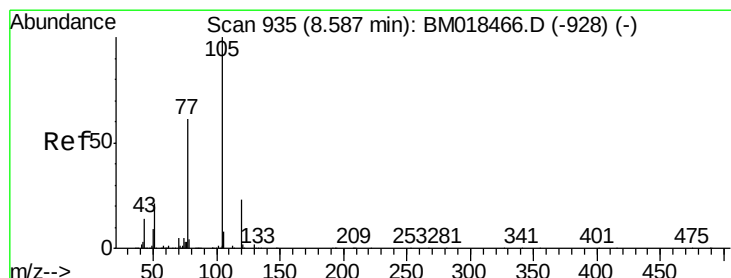
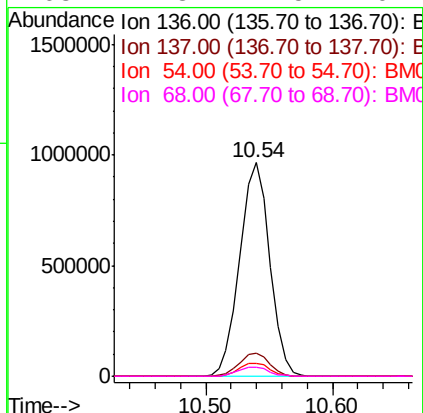
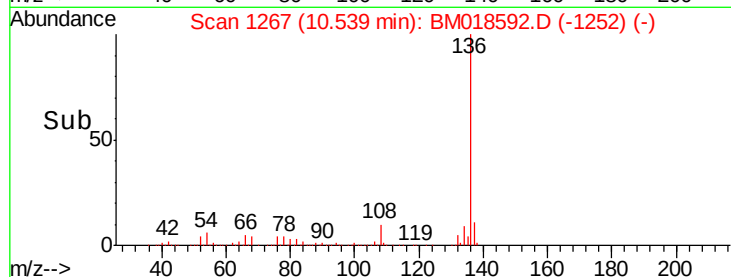
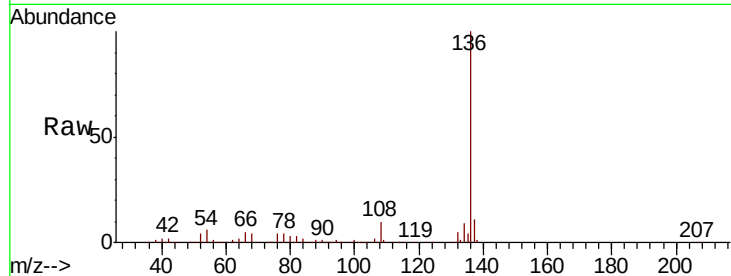
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.2	6.0	9.0
68	4.3	4.5	6.7#

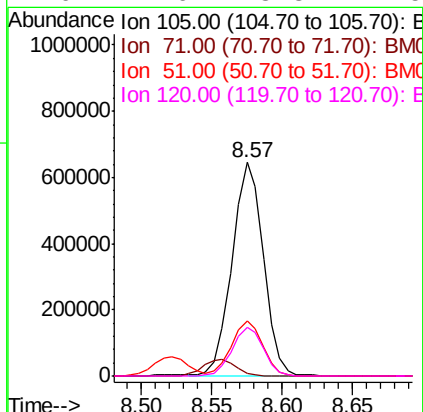
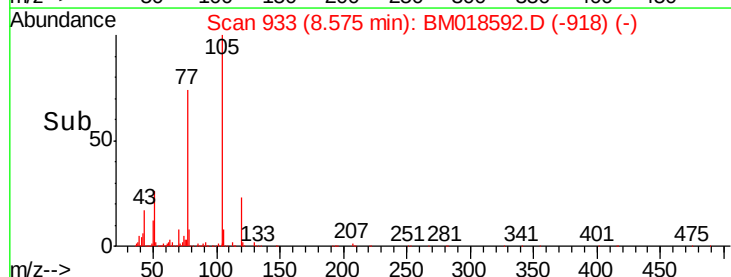
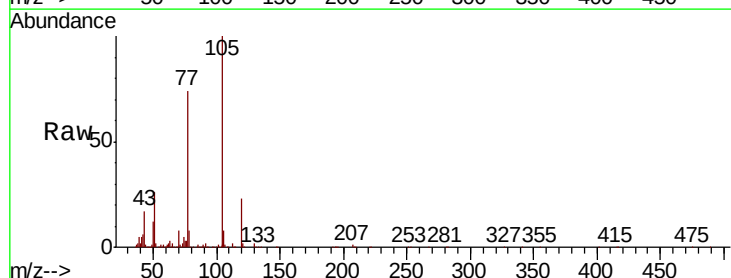
Manual Integrations
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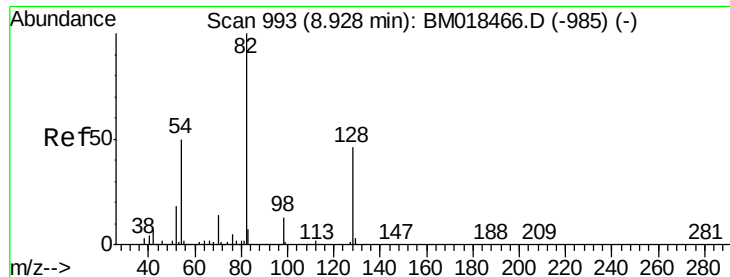
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#22
Acetophenone
Concen: 25.327 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.7	2.5#
51	25.8	22.6	34.0
120	22.6	18.3	27.5





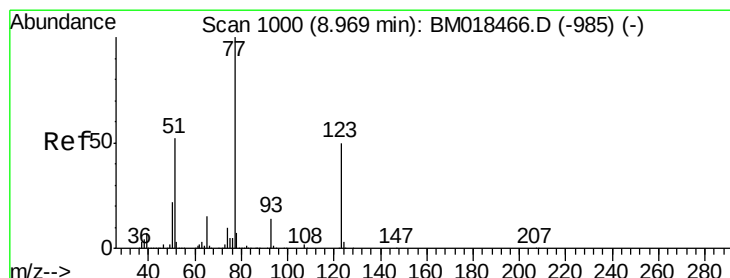
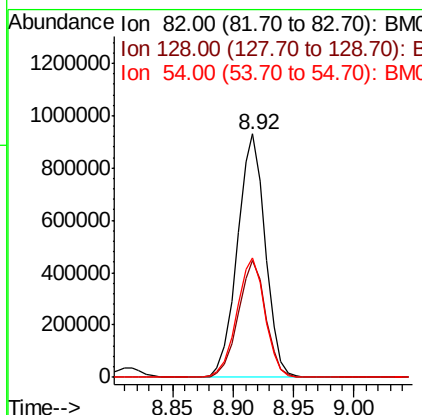
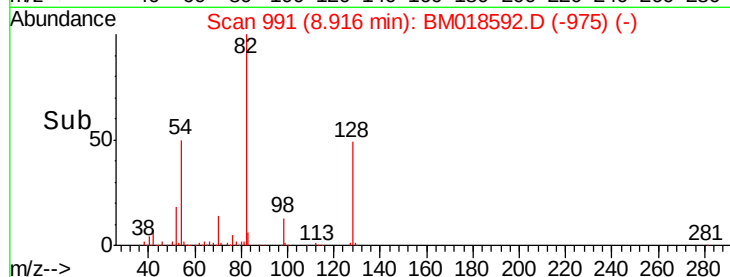
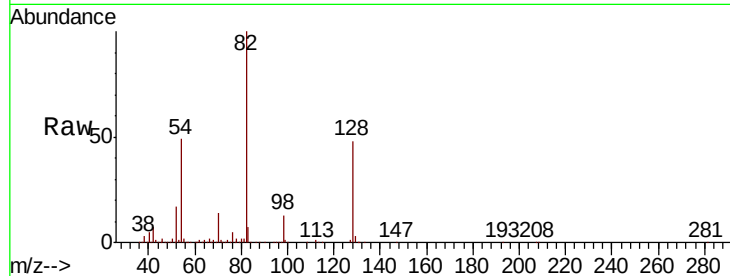
#23
 Nitrobenzene-d5
 Concen: 54.705 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Instrument :
 BNA_M
 ClientSampled :
 TP-6MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.3	54.5
54	48.9	41.7	62.5

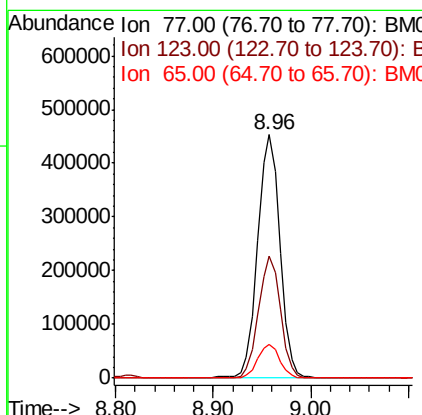
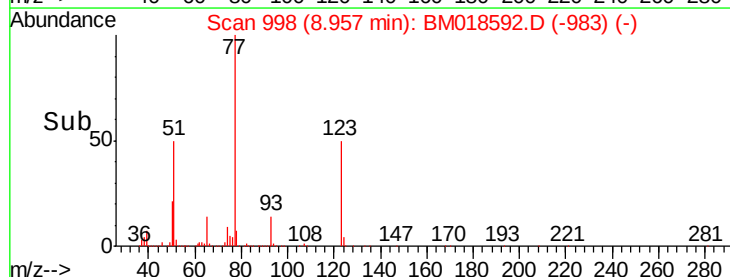
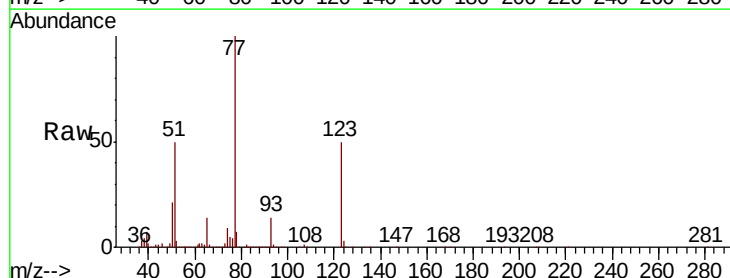
Manual Integrations
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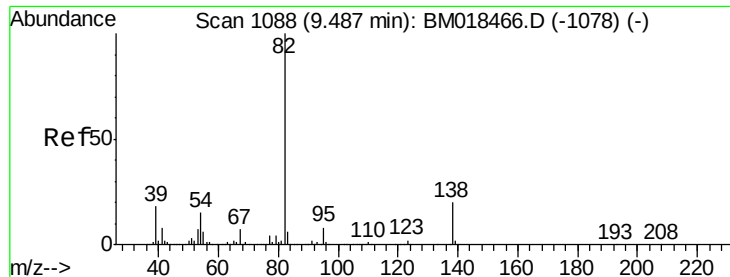
Sohil
 1/17/2019 12:17:34 PM



#24
 Nitrobenzene
 Concen: 26.925 ng
 RT: 8.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	37.7	56.5
65	13.9	11.0	16.6





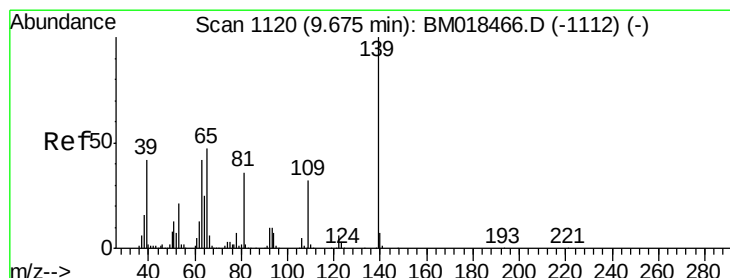
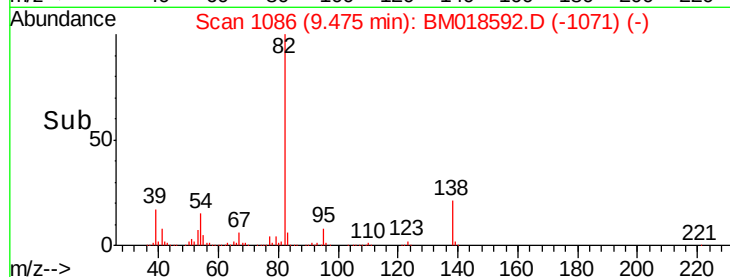
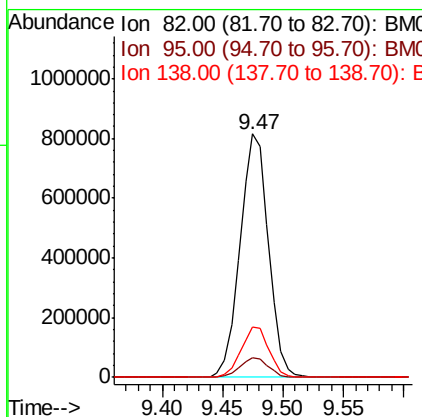
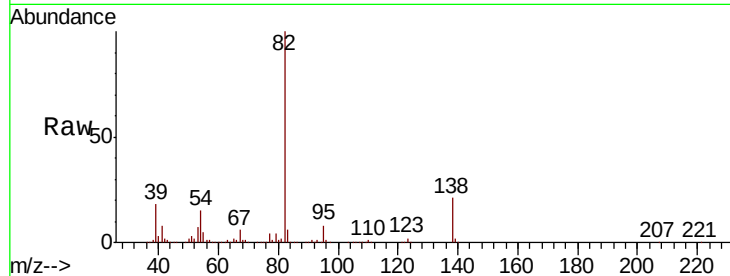
#25
Isophorone
Concen: 32.263 ng
RT: 9.47 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tot Ion: 82 Resp: 1338872
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 20.6 15.1 22.7

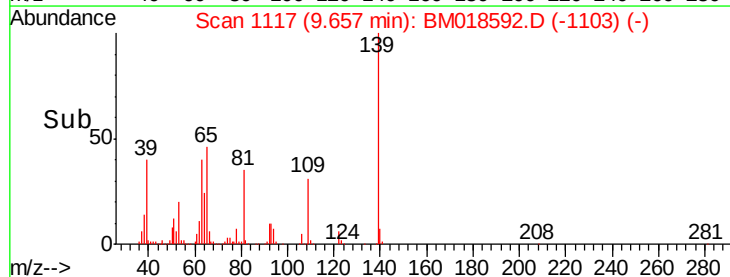
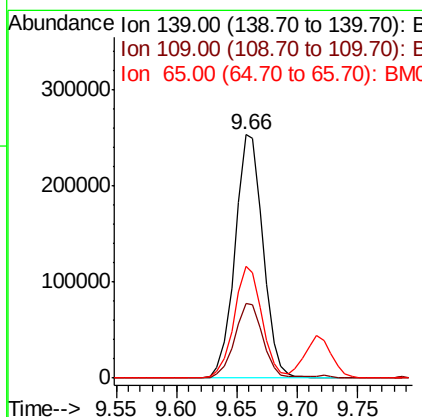
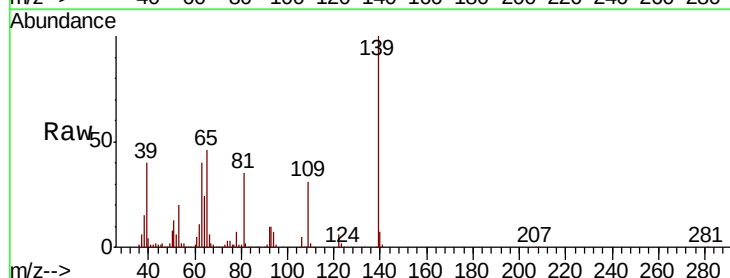
Manual Integrations
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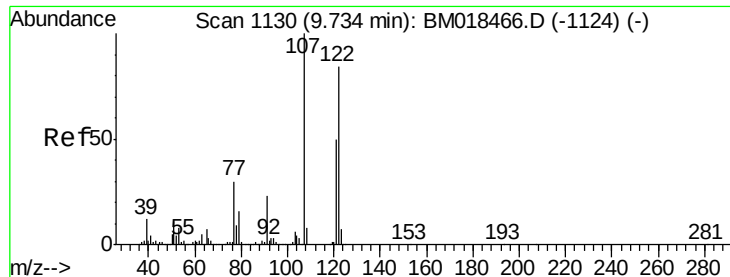
Sohil
1/17/2019 12:17:34 PM



#26
2-Nitrophenol
Concen: 31.477 ng
RT: 9.66 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion: 139 Resp: 410399
Ion Ratio Lower Upper
139 100
109 30.5 23.4 35.2
65 45.8 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 34.063 ng

RT: 9.72 min Scan# 1127

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

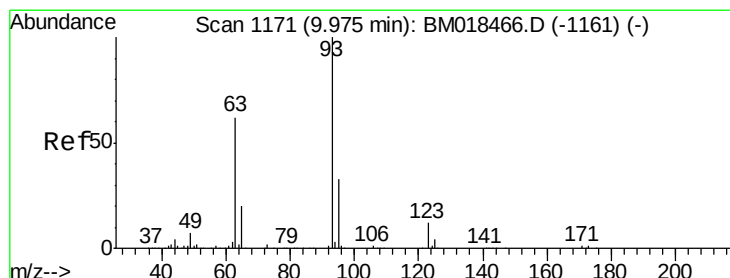
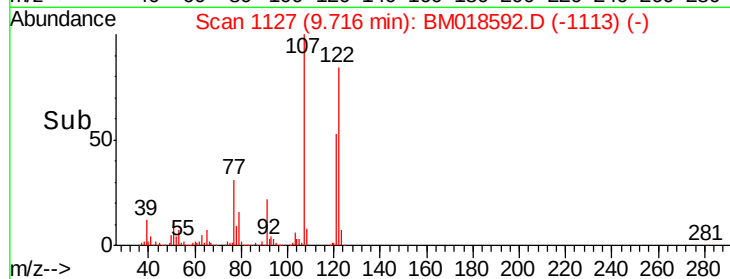
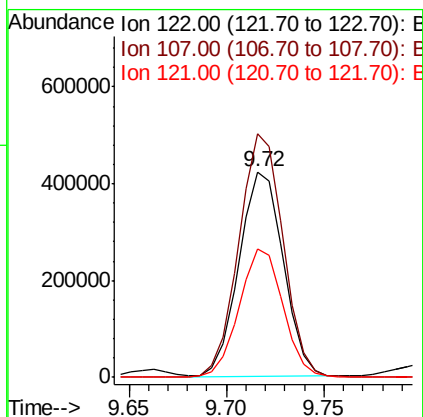
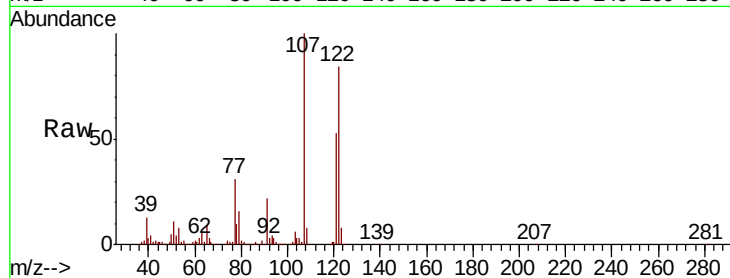
ClientSampleId :

TP-6MS

Tot Ion:	122	Resp:	665687
Ion Ratio	Lower	Upper	
122	100		
107	118.5	91.9	137.9
121	62.3	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 28.713 ng

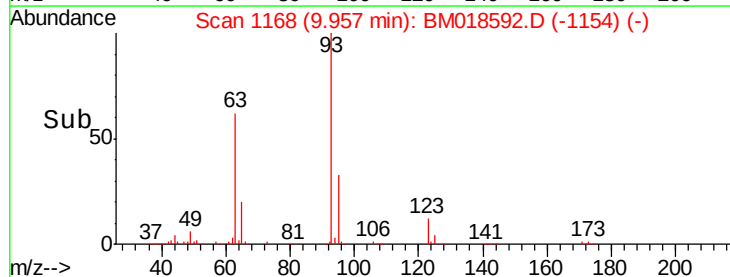
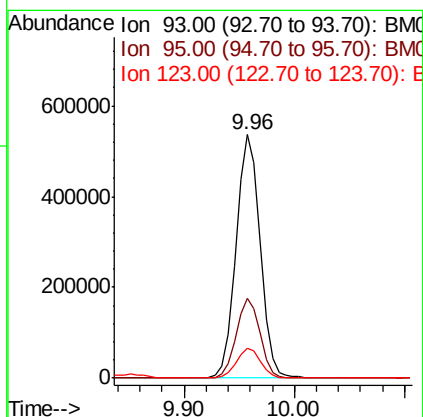
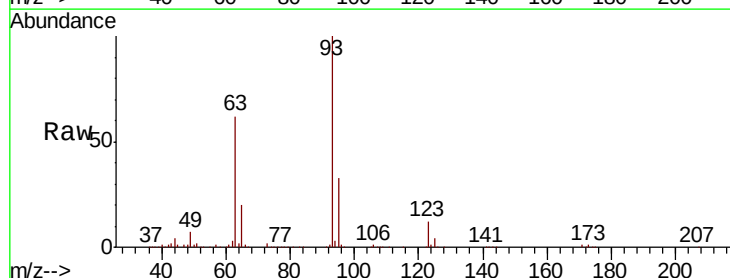
RT: 9.96 min Scan# 1168

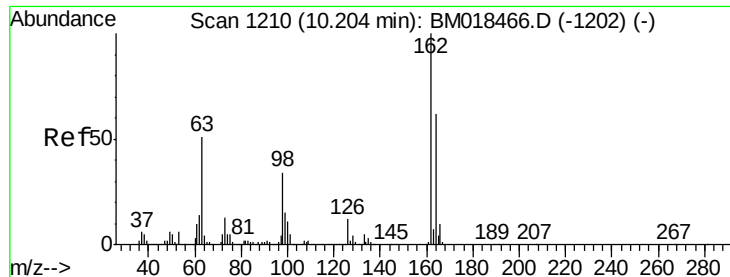
Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Tgt Ion:	93	Resp:	823147
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.6	39.8
123	12.3	9.9	14.9





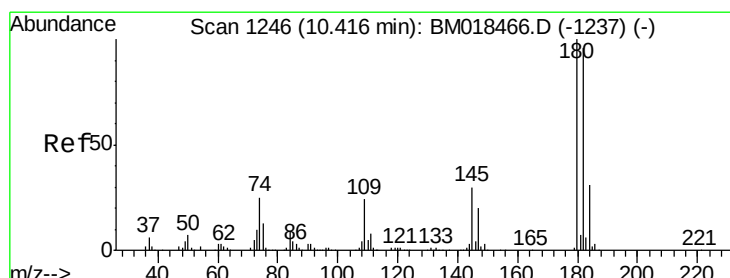
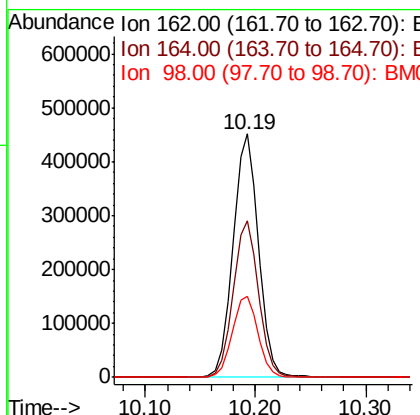
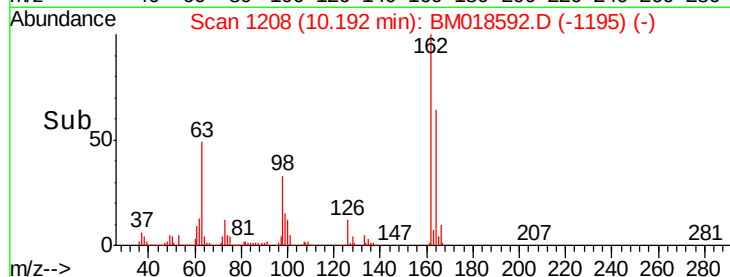
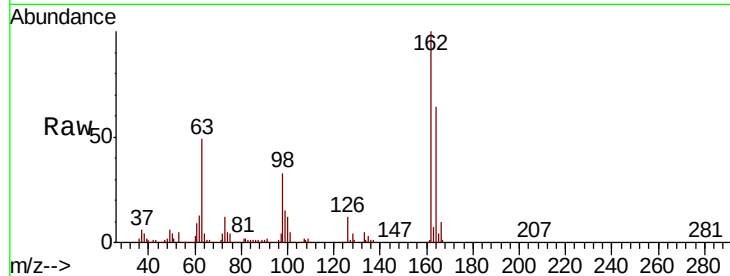
#29
 2,4-Dichlorophenol
 Concen: 31.364 ng
 RT: 10.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

Tot Ion:	162	Resp:	729857
Ion Ratio	Lower	Upper	
162	100		
164	64.1	45.6	85.6
98	33.5	14.7	54.7

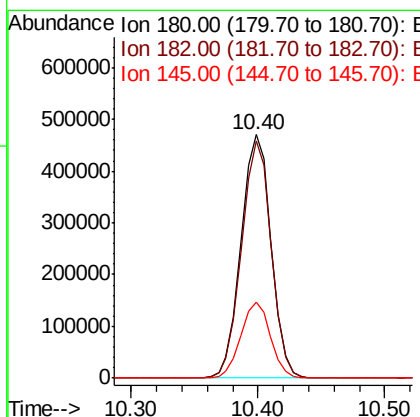
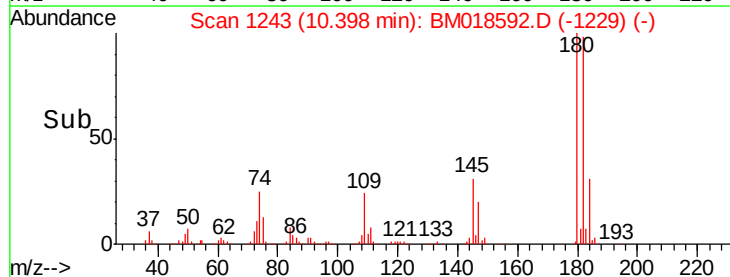
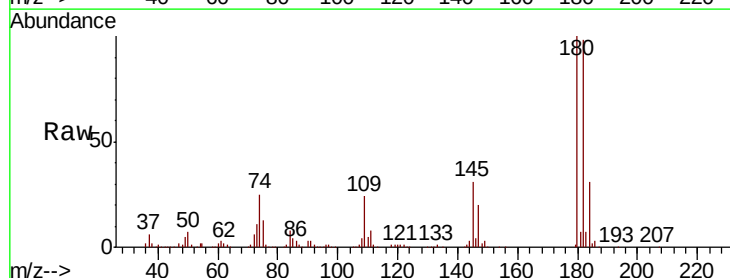
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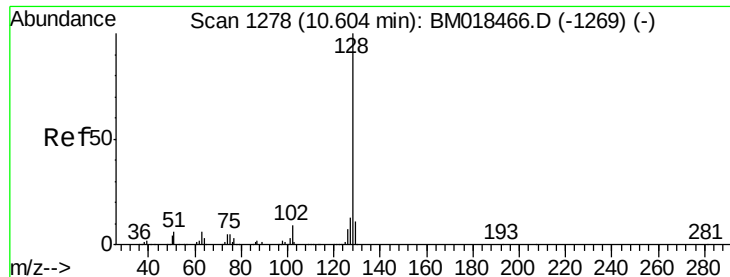
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#30
 1,2,4-Trichlorobenzene
 Concen: 26.790 ng
 RT: 10.40 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion:	180	Resp:	773808
Ion Ratio	Lower	Upper	
180	100		
182	97.6	77.4	116.2
145	31.4	24.6	37.0





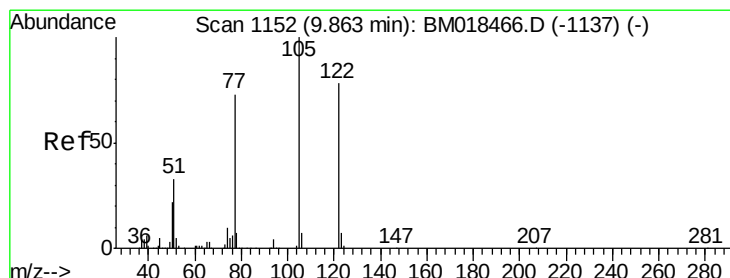
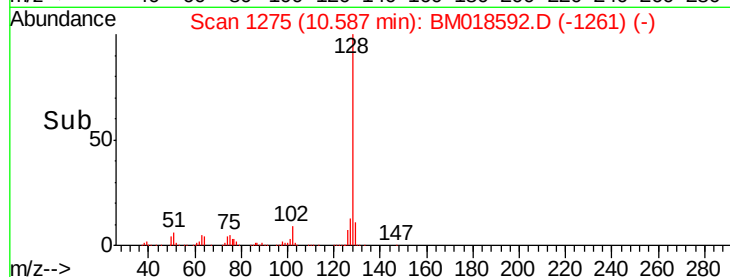
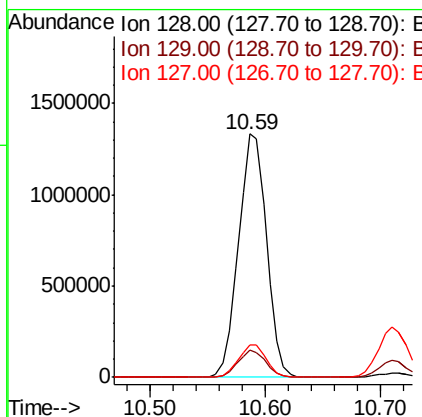
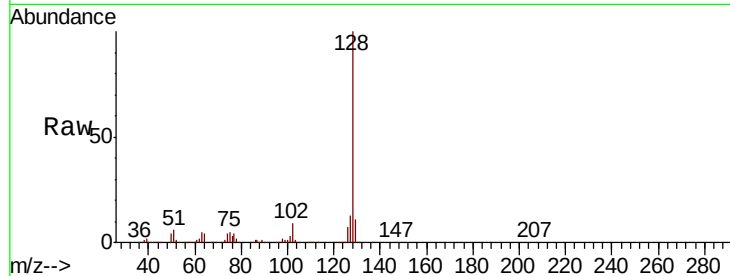
#31
Naphthalene
Concen: 29.273 ng
RT: 10.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.3	10.8	16.2

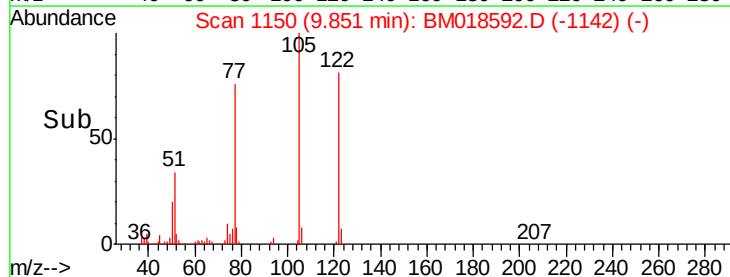
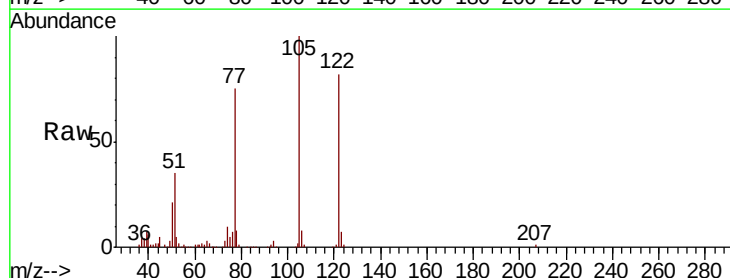
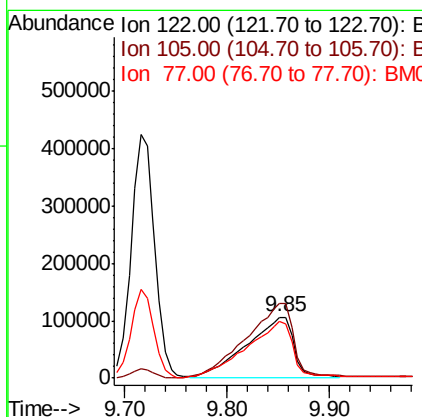
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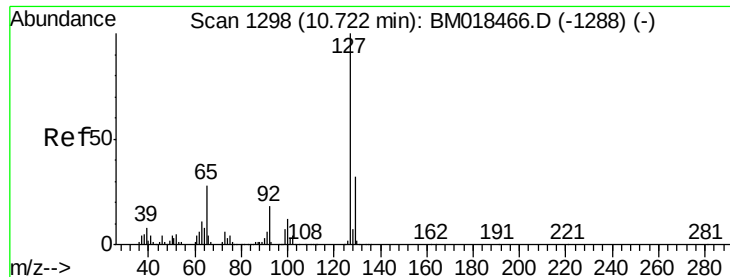
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#32
Benzoic acid
Concen: 29.193 ng m
RT: 9.85 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	100.4	140.4
77	92.4	71.7	111.7





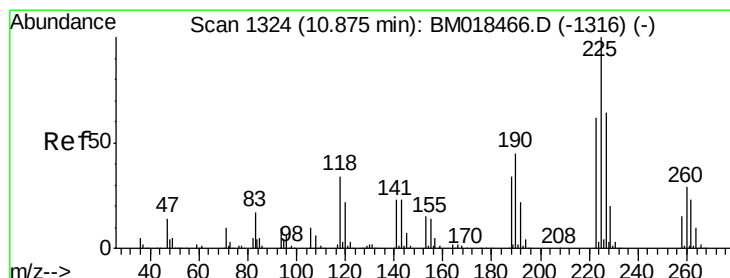
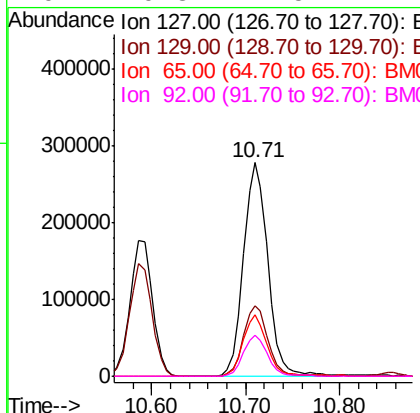
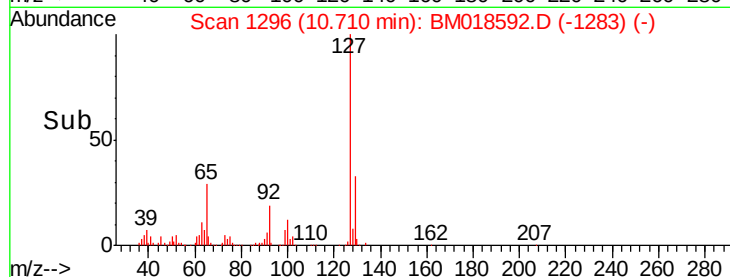
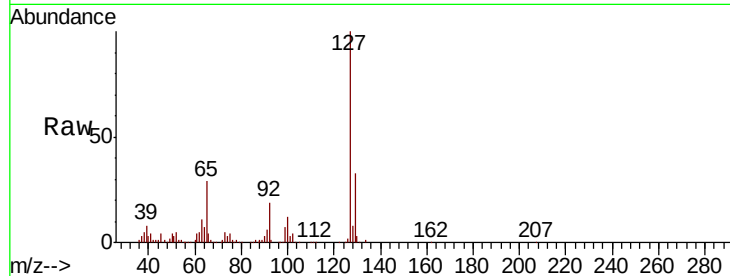
#33
4-Chloroaniline
Concen: 16.594 ng
RT: 10.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	25.9	38.9		
65	28.9	23.4	35.2		
92	19.3	14.5	21.7		

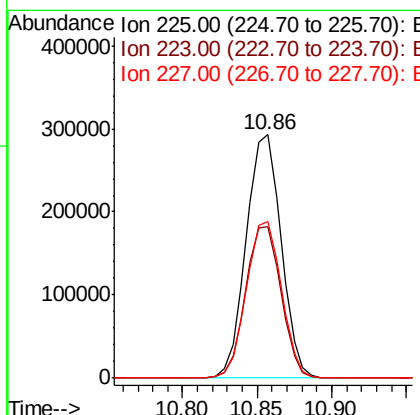
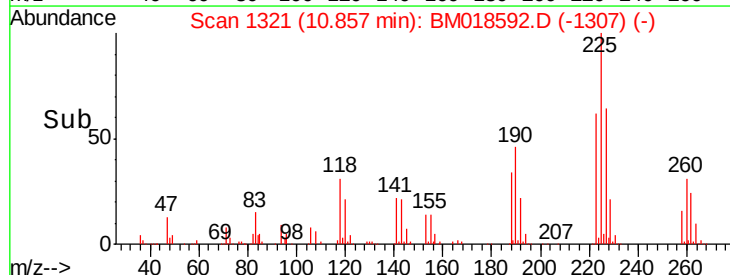
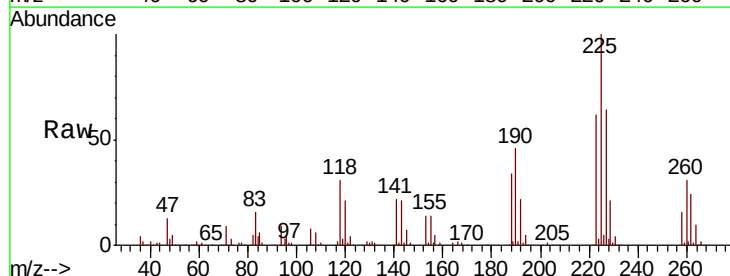
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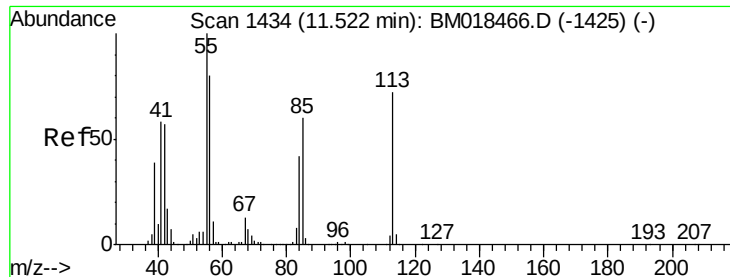
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#34
Hexachlorobutadiene
Concen: 25.984 ng
RT: 10.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.8	76.2		
227	64.1	50.4	75.6		





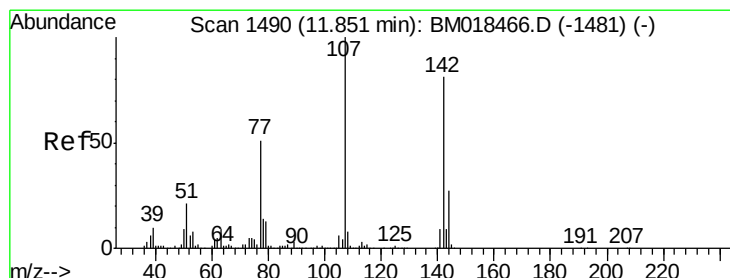
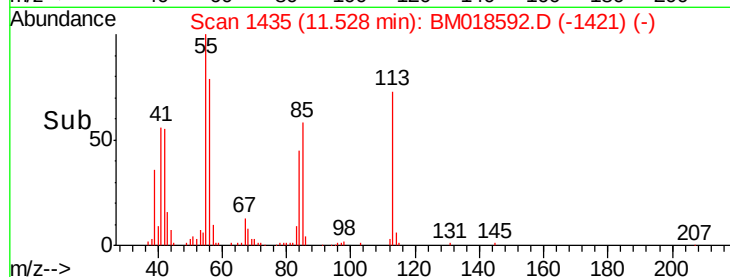
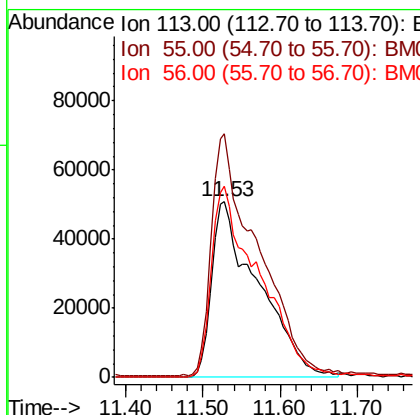
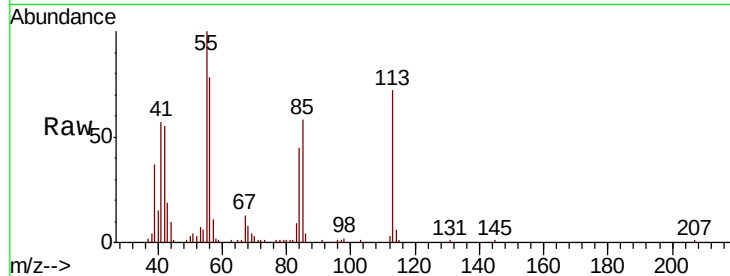
#35
Caprolactam
Concen: 26.816 ng/ml
RT: 11.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.8	139.3	179.3#
56	108.9	101.4	141.4

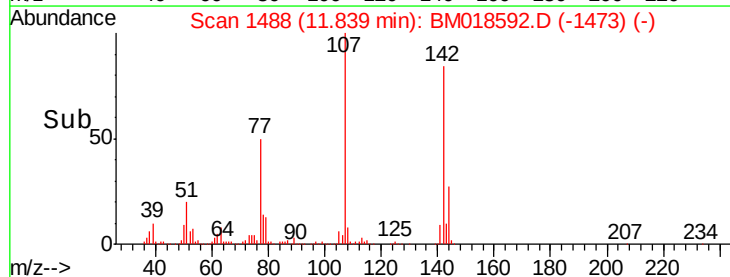
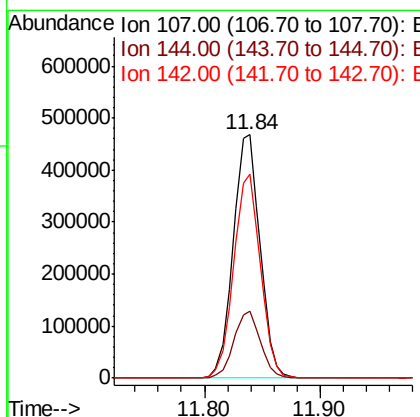
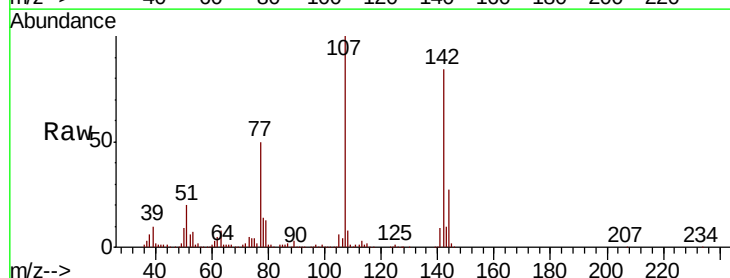
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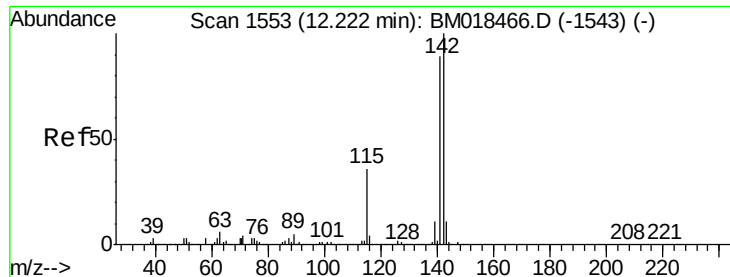
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#36
4-Chloro-3-methylphenol
Concen: 30.938 ng/ml
RT: 11.84 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.9	32.9
142	84.0	67.9	101.9





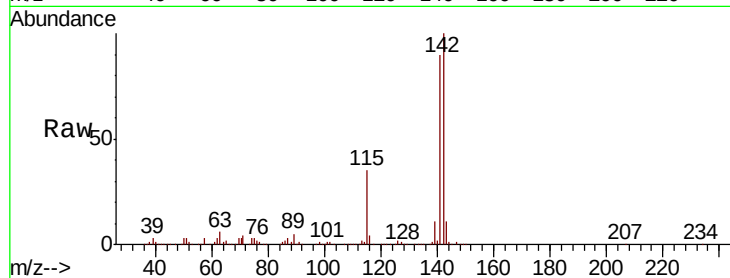
#37
 2-Methylnaphthalene
 Concen: 31.419 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Instrument :
 BNA_M
 ClientSampled :
 TP-6MS

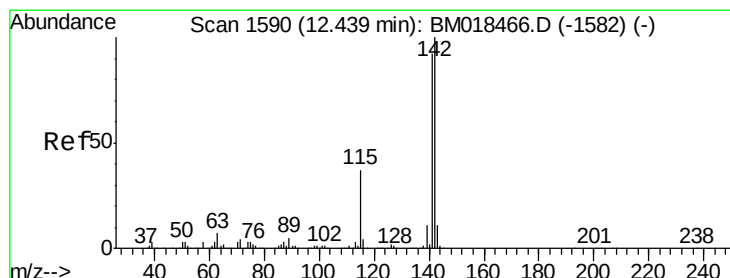
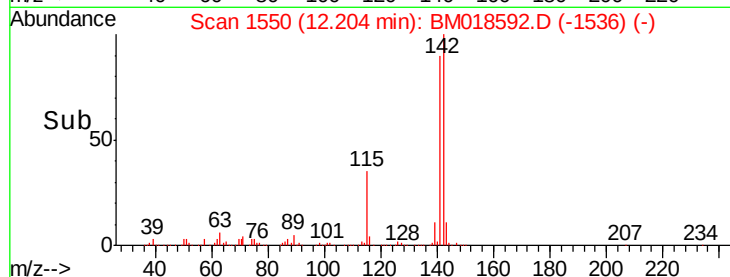
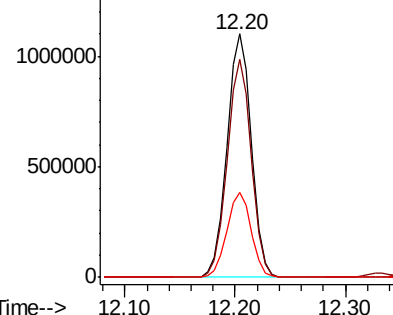
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2
115	34.8	28.0	42.0

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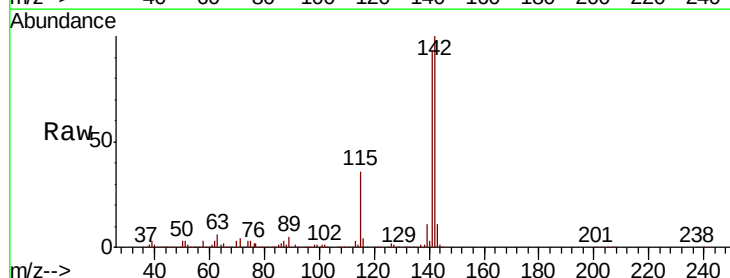


Abundance Ion 142.00 (141.70 to 142.70): E
 1500000
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

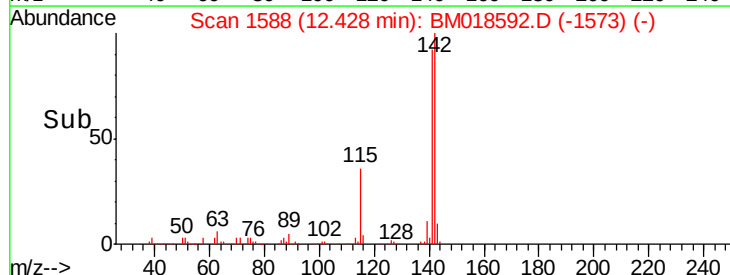
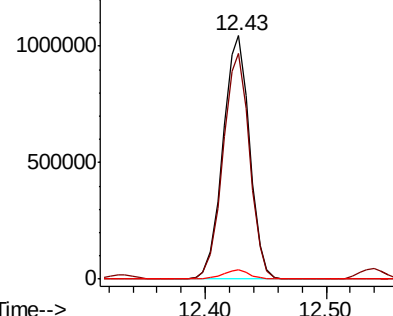


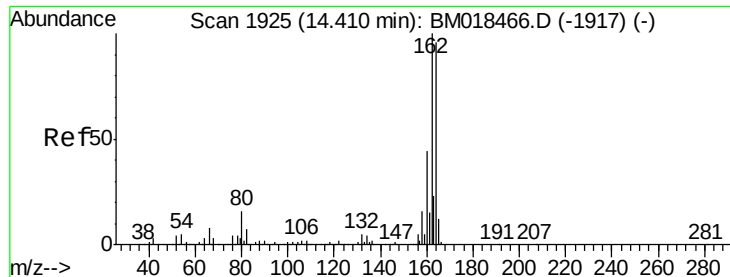
#38
 1-Methylnaphthalene
 Concen: 30.735 ng
 RT: 12.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.6	113.4
116	3.8	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 1000000
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





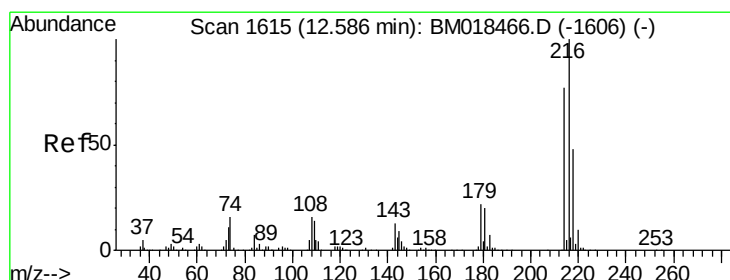
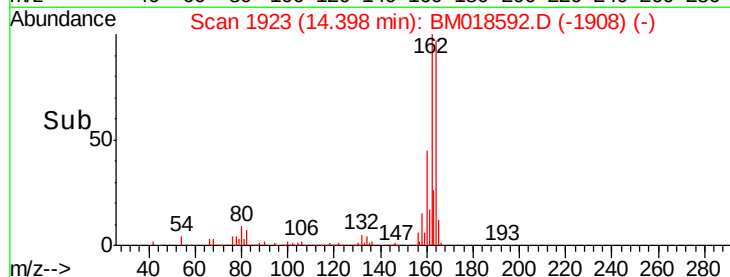
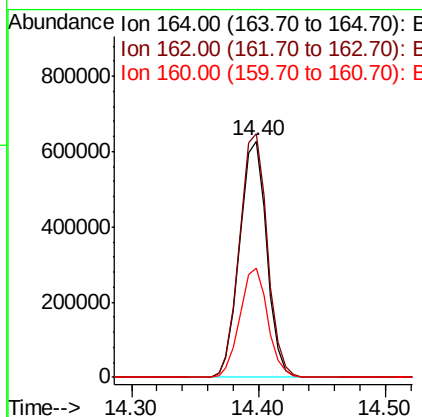
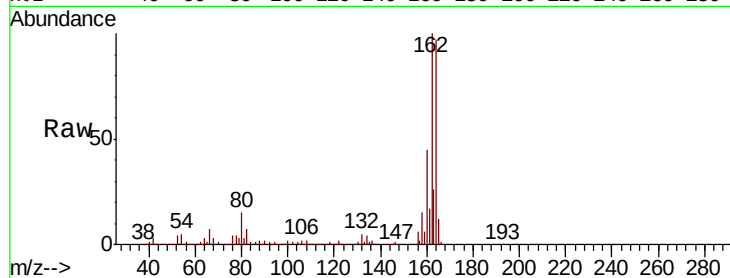
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.4
160	46.2	37.1	55.7

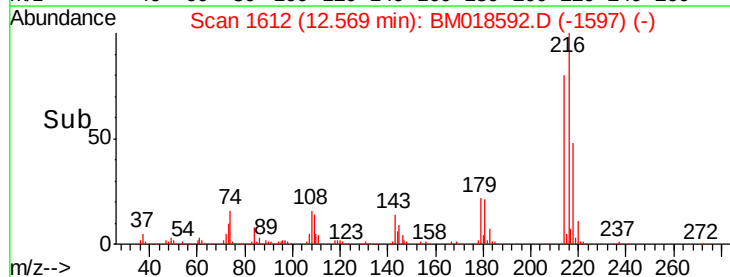
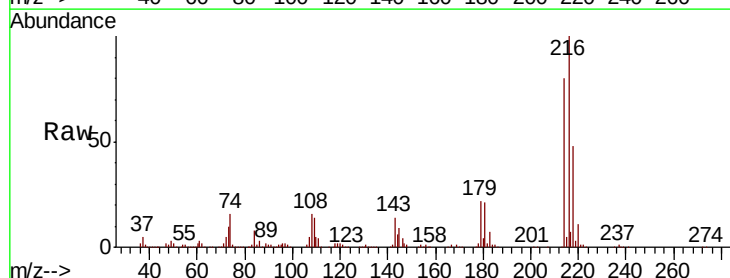
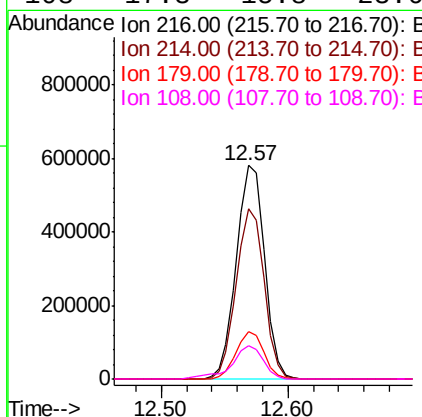
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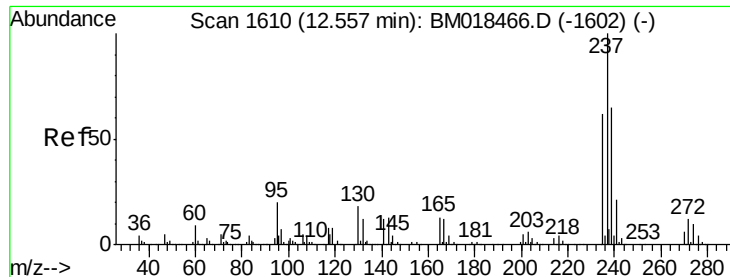
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 27.618 ng
RT: 12.57 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	21.7	17.9	26.9
108	17.3	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 31.798 ng

RT: 12.54 min Scan# 1607

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

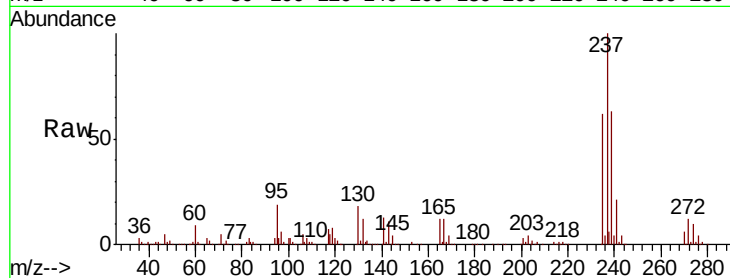
ClientSampled :

TP-6MS

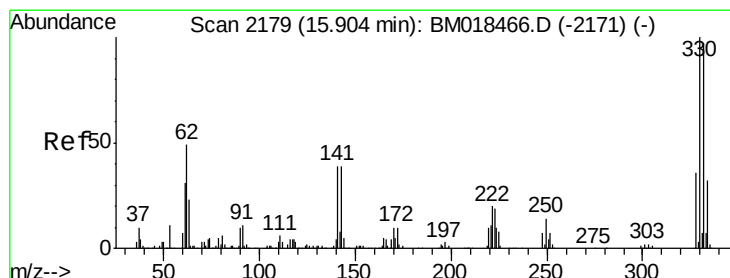
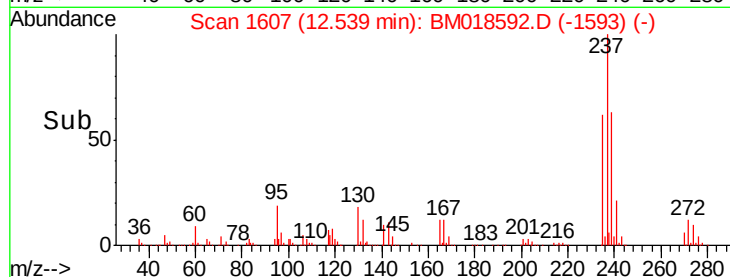
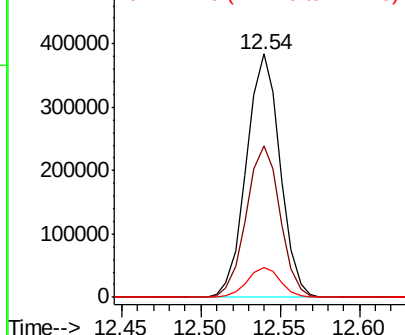
Tot Ion:	237	Resp:	566636
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.8	82.8
272	12.3	0.0	31.9

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



#42

2,4,6-Tribromophenol

Concen: 92.768 ng

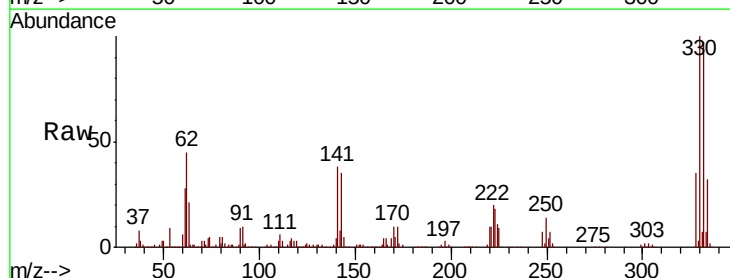
RT: 15.89 min Scan# 2177

Delta R.T. -0.01 min

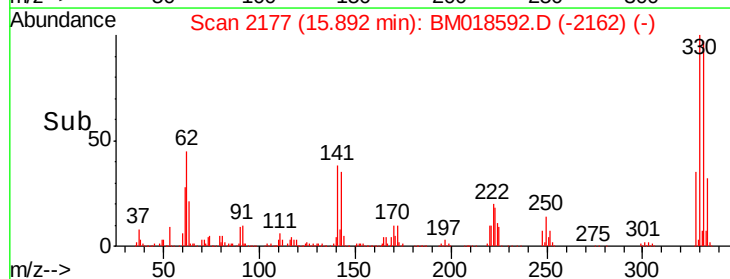
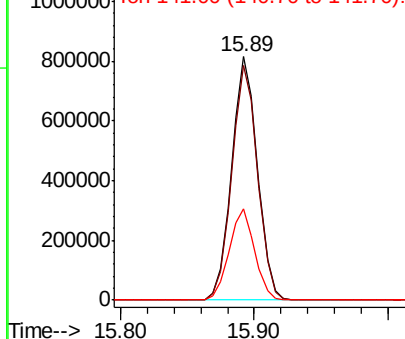
Lab File: BM018592.D

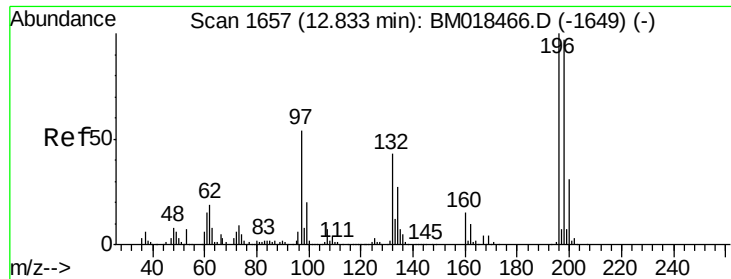
Acq: 16 Jan 2019 20:26

Tgt Ion:	330	Resp:	1096739
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.6	116.4
141	37.3	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





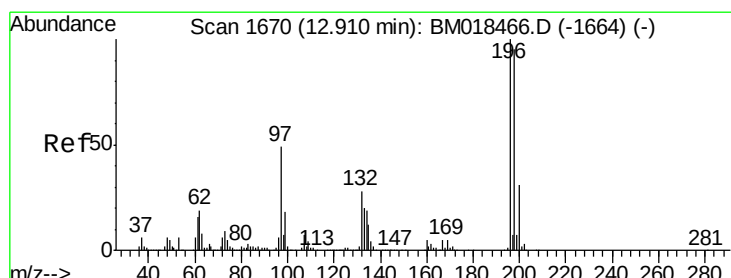
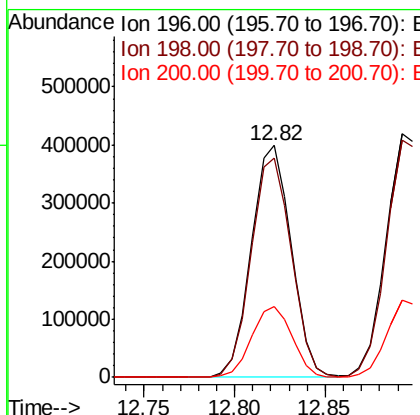
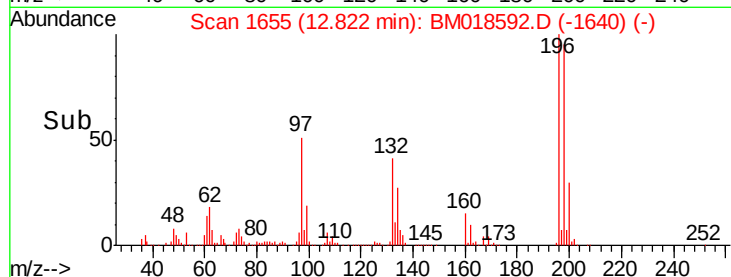
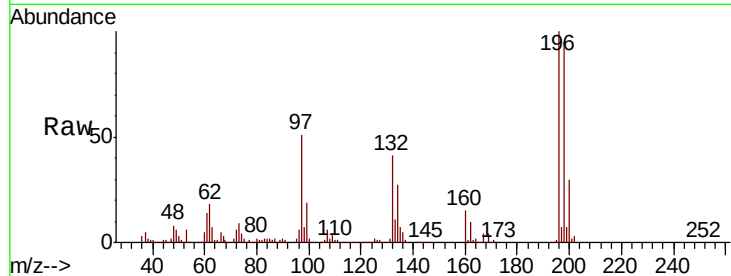
#43
2,4,6-Trichlorophenol
Concen: 31.043 ng
RT: 12.82 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	612088		
198	94.8	76.6	115.0	
200	30.5	24.2	36.4	

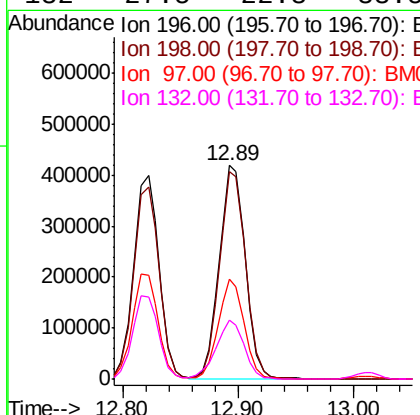
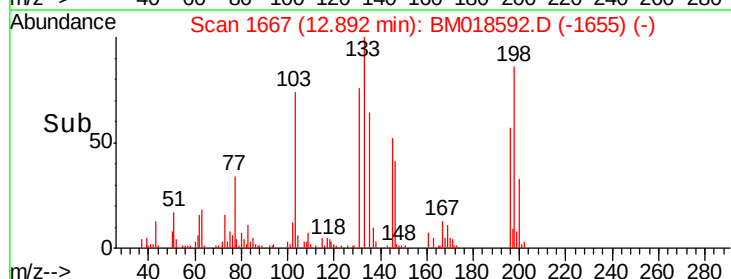
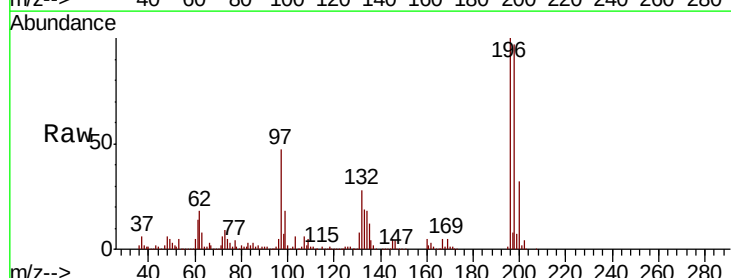
Manual Integrations
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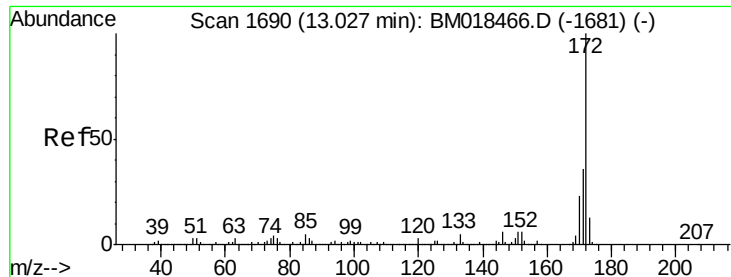
Sohil
1/17/2019 12:17:34 PM



#44
2,4,5-Trichlorophenol
Concen: 31.478 ng
RT: 12.89 min Scan# 1667
Delta R.T. -0.03 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	652761		
198	97.4	76.7	115.1	
97	47.0	39.2	58.8	
132	27.5	22.3	33.5	





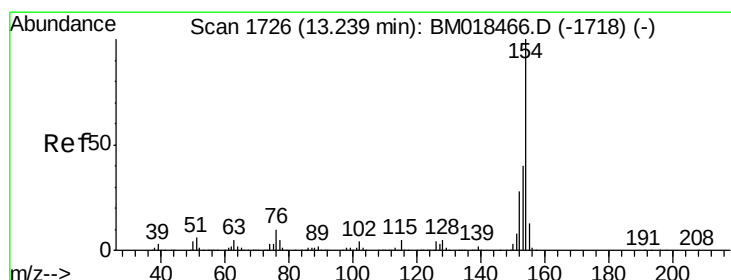
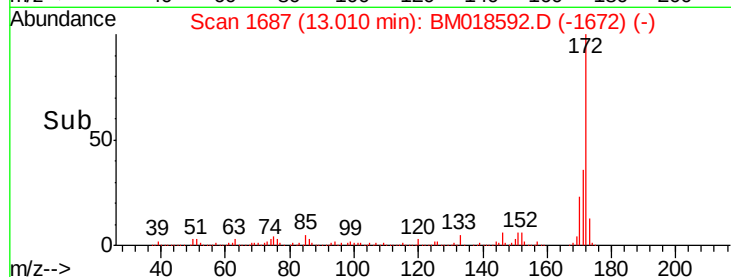
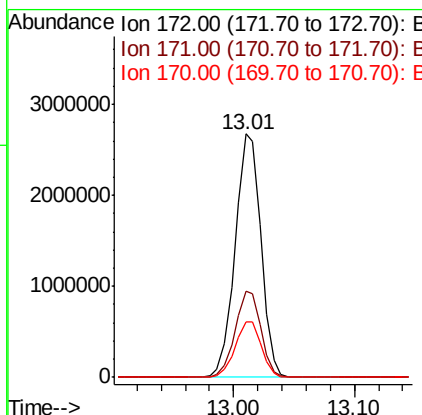
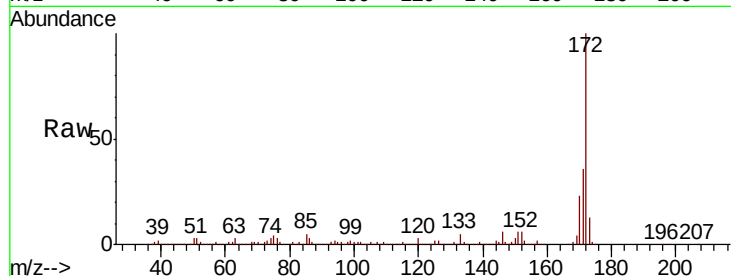
#45
2-Fluorobiphenyl
Concen: 55.972 ng
RT: 13.01 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

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

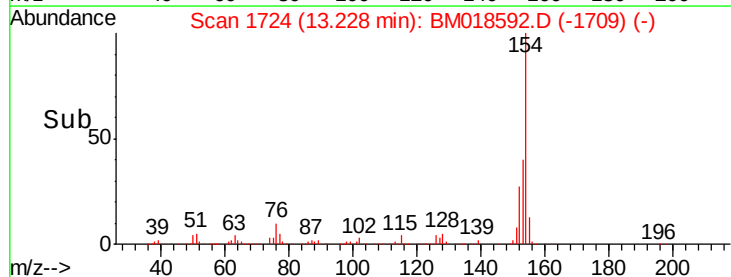
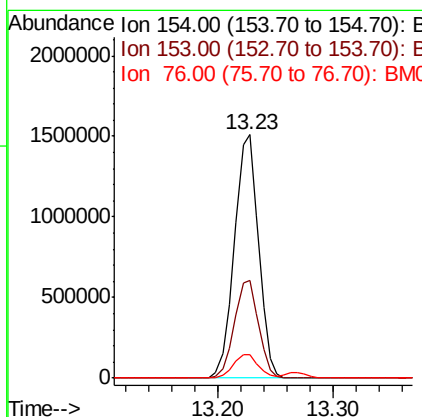
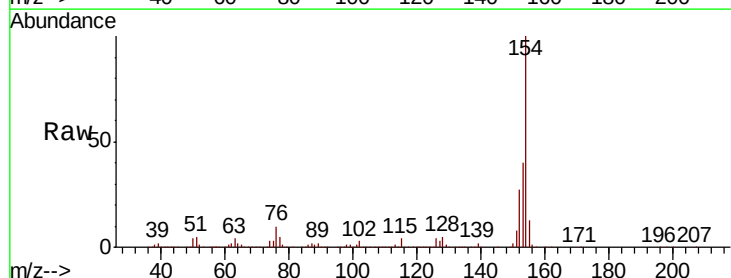
Manual Integrations
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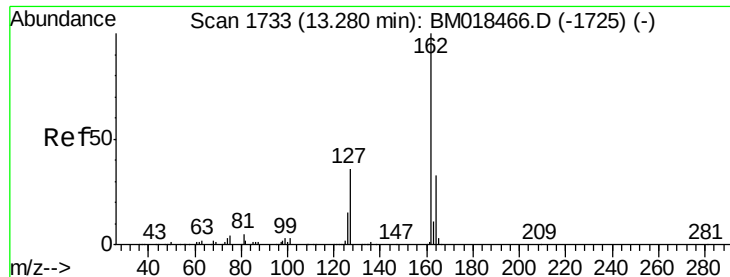
Sohil
1/17/2019 12:17:34 PM



#46
1,1'-Biphenyl
Concen: 26.925 ng
RT: 13.23 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	9.8	0.0	31.9





#47

2-Chloronaphthalene

Concen: 26.806 ng

RT: 13.27 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampled :

TP-6MS

Tot Ion:162 Resp: 1685249

Ion Ratio Lower Upper

162 100

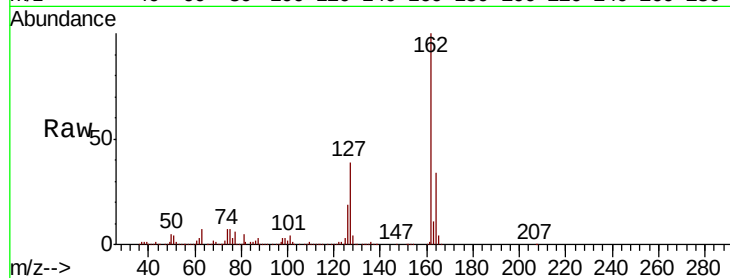
127 38.7 31.4 47.0

164 33.6 26.2 39.4

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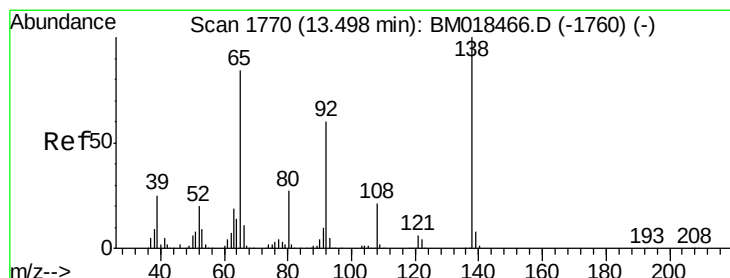
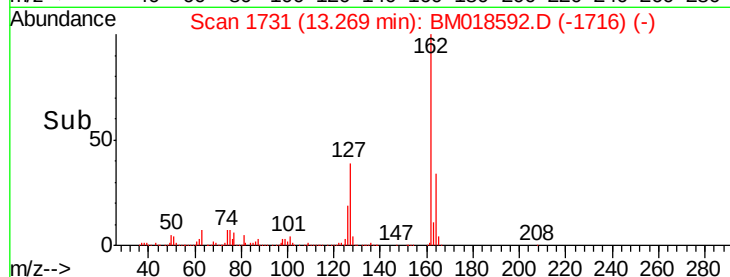
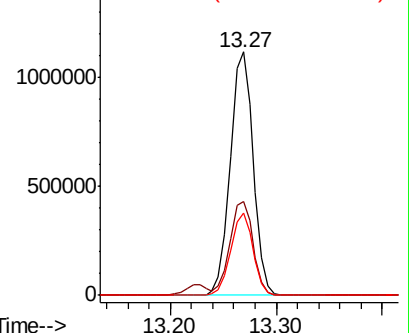
1/17/2019 12:17:34 PM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 29.179 ng

RT: 13.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

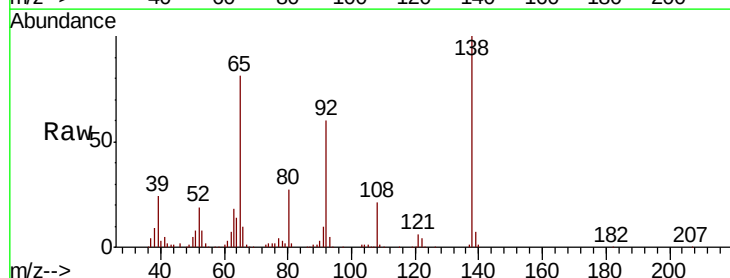
Tgt Ion: 65 Resp: 451308

Ion Ratio Lower Upper

65 100

92 74.5 53.4 80.2

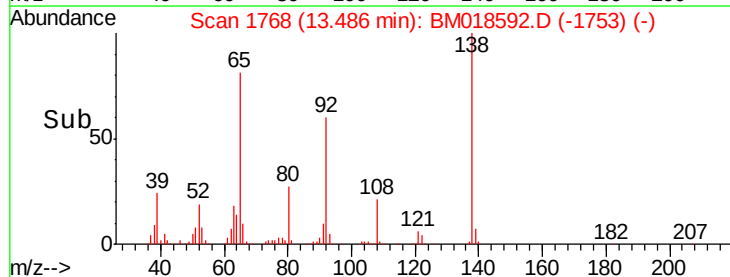
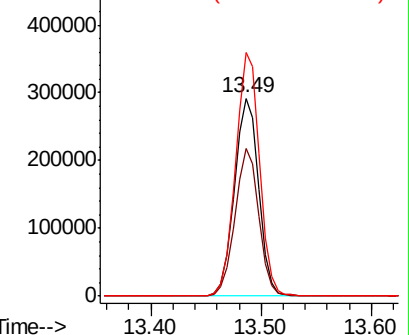
138 123.2 88.9 133.3

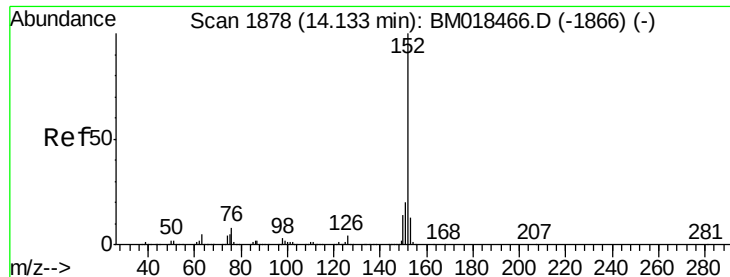


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 29.897 ng

RT: 14.12 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

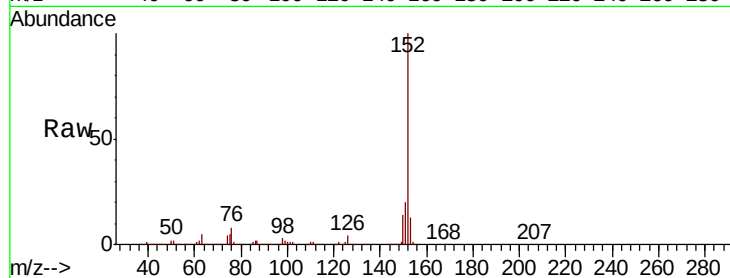
ClientSampleId :

TP-6MS

Tot Ion:	152	Resp:	2739144
Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	13.3	10.5	15.7

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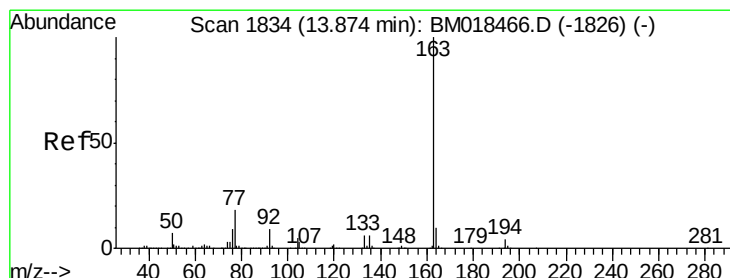
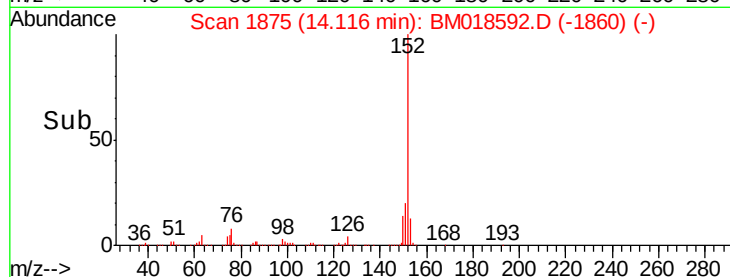
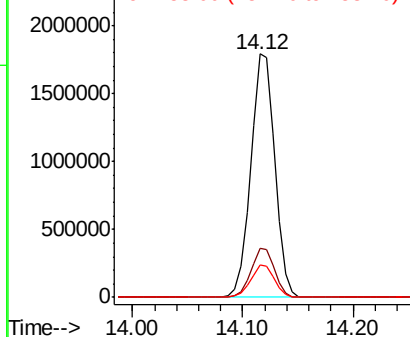


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.847 ng

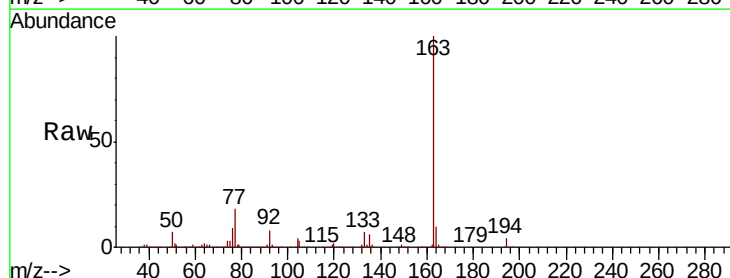
RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Tgt Ion:	163	Resp:	3038533
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.1	7.8	11.8

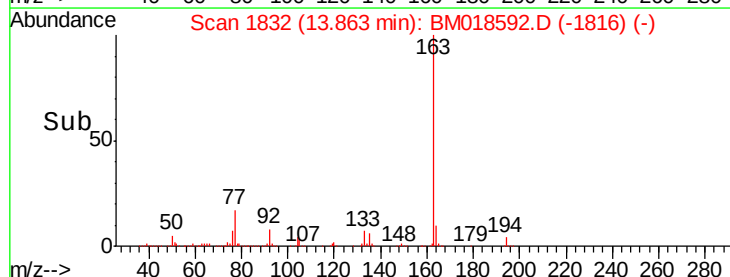
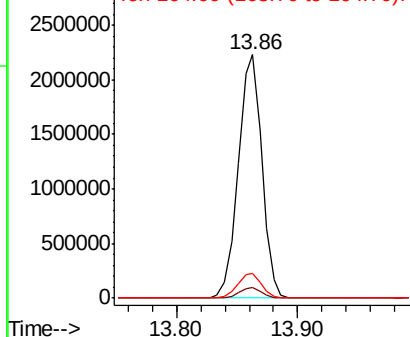


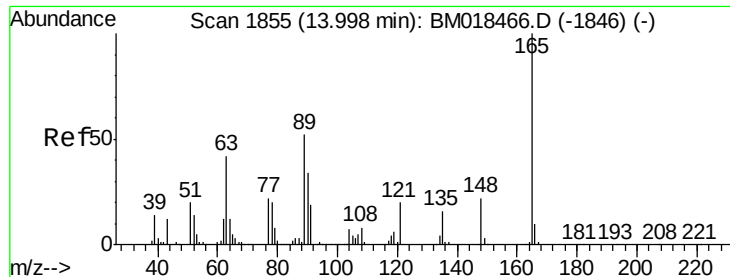
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





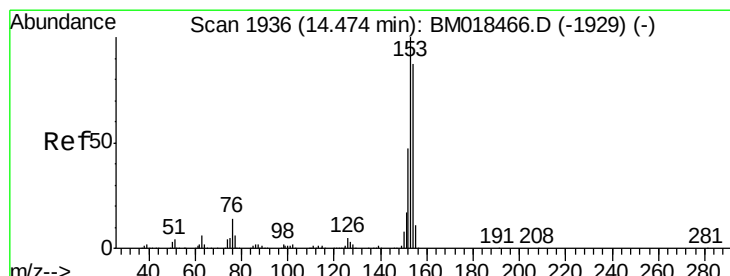
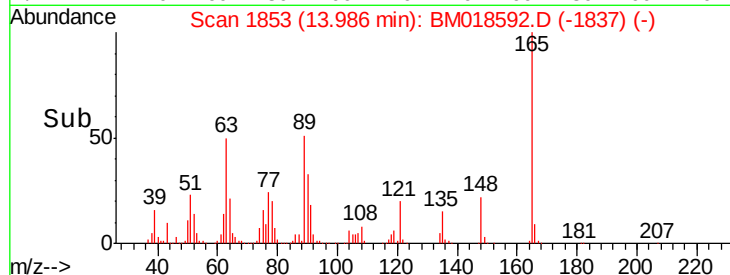
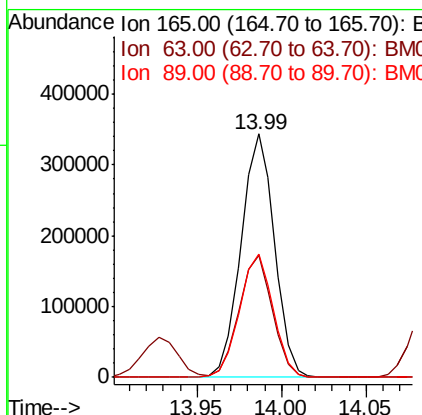
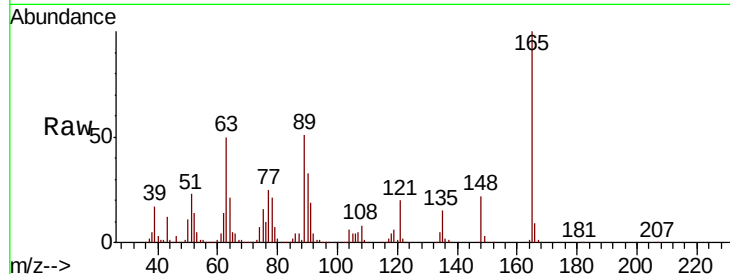
#51
2,6-Dinitrotoluene
Concen: 29.372 ng
RT: 13.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.9	45.6	68.4
89	50.8	44.6	66.8

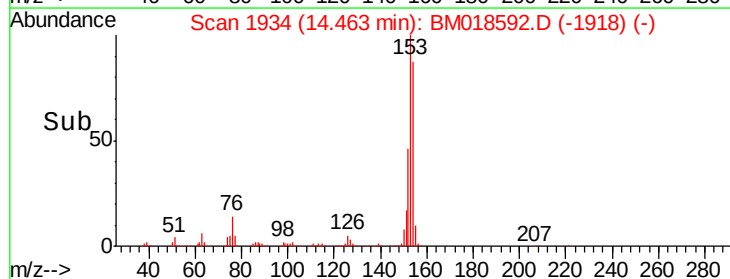
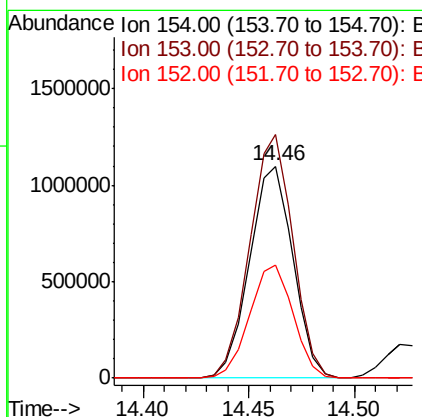
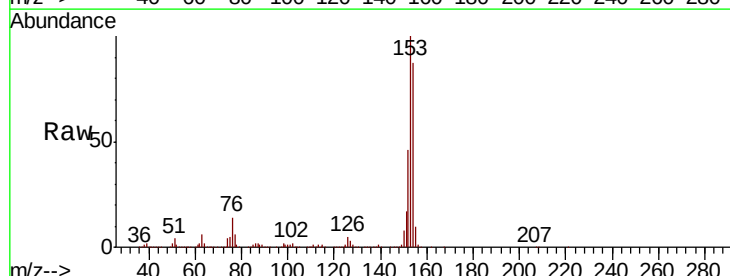
Manual Integrations
APPROVED

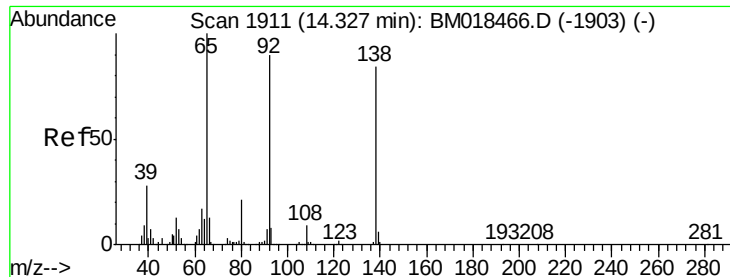
Sohil
1/17/2019 12:17:34 PM



#52
Acenaphthene
Concen: 28.017 ng
RT: 14.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	92.3	138.5
152	53.3	43.8	65.6





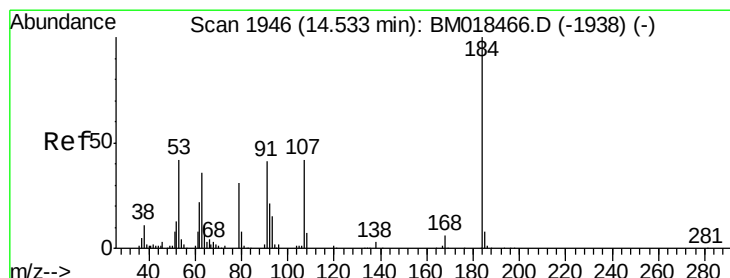
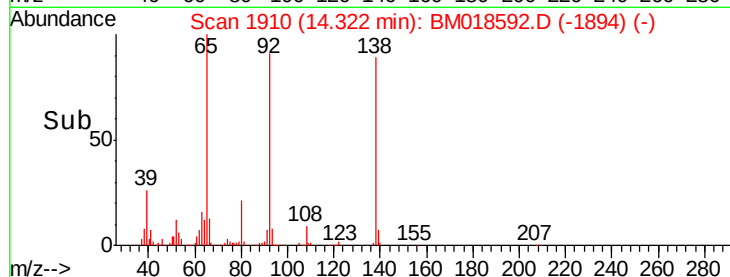
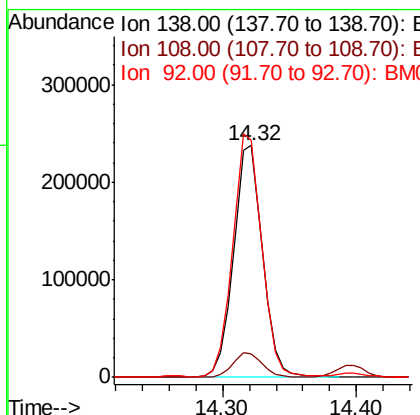
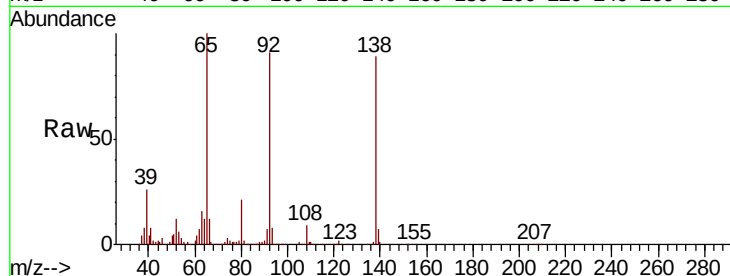
#53
3-Nitroaniline
Concen: 22.086 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.1	13.7
92	102.7	88.2	132.2

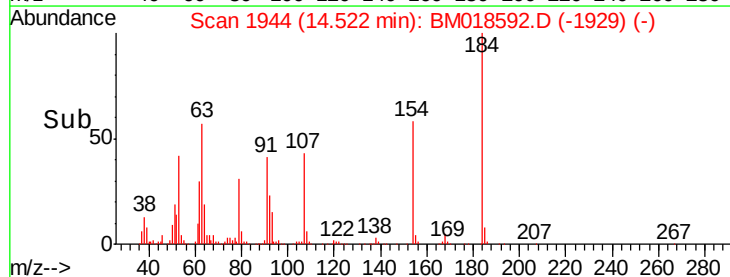
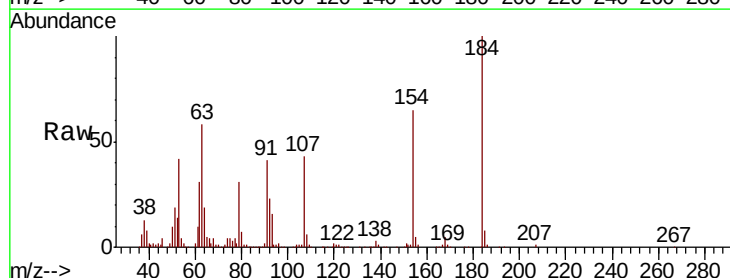
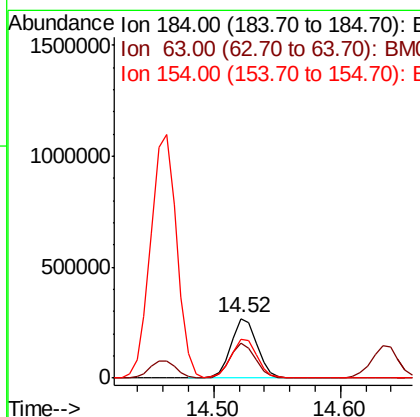
Manual Integrations
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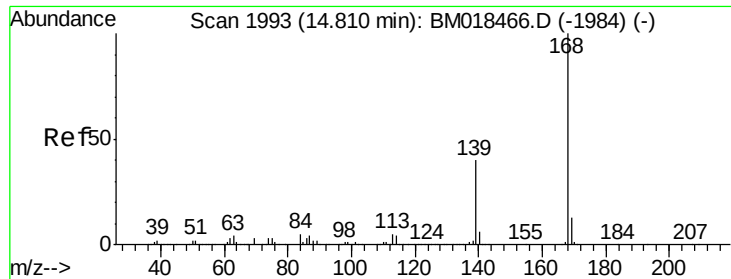
Sohil
1/17/2019 12:17:34 PM



#54
2,4-Dinitrophenol
Concen: 47.057 ng
RT: 14.52 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.7	55.9	83.9
154	64.8	54.2	81.4





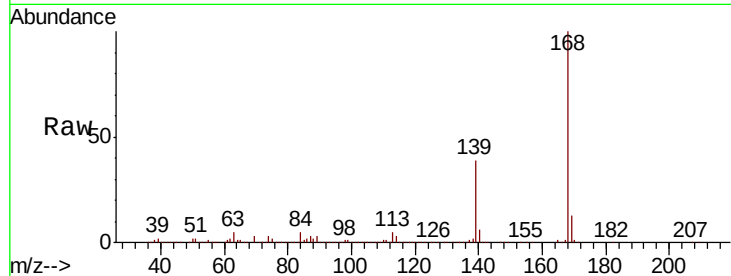
#55
Dibenzofuran
Concen: 27.521 ng
RT: 14.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.3	45.5
169	13.3	10.6	16.0

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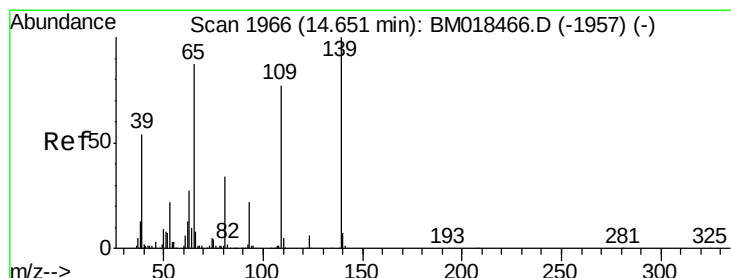
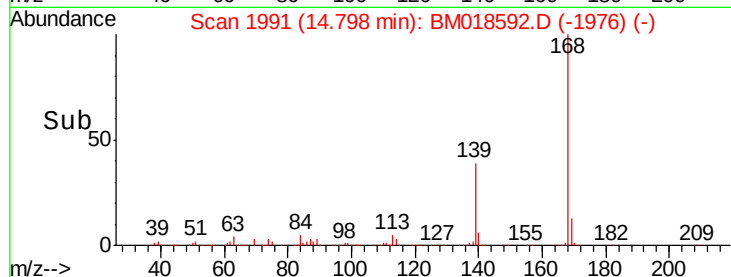
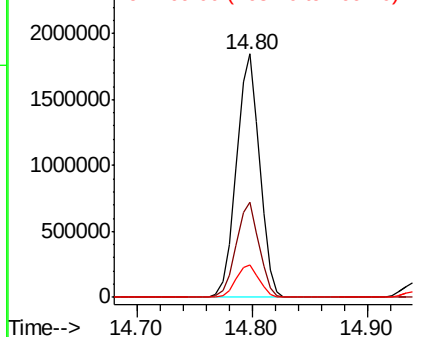


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 57.487 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

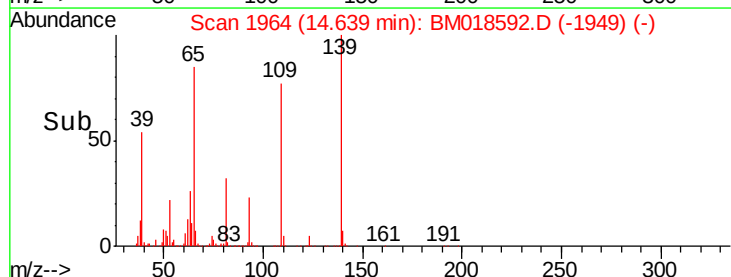
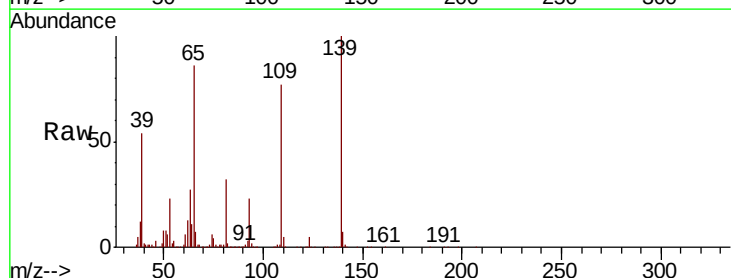
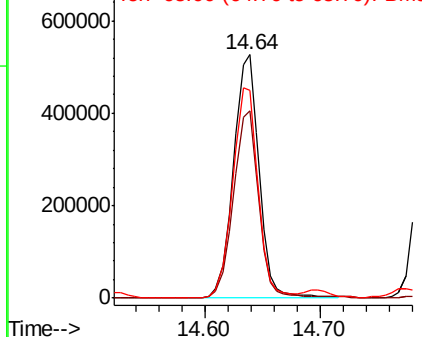
Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.7	51.7	91.7
65	85.5	71.4	111.4

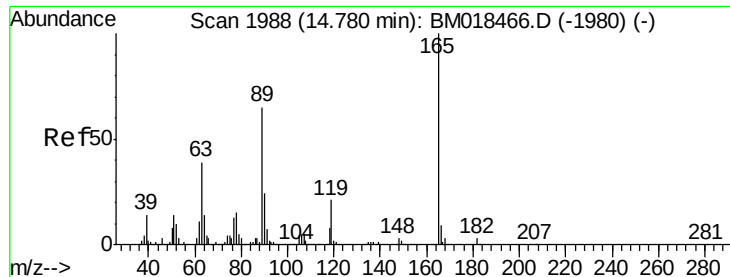
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 28.870 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

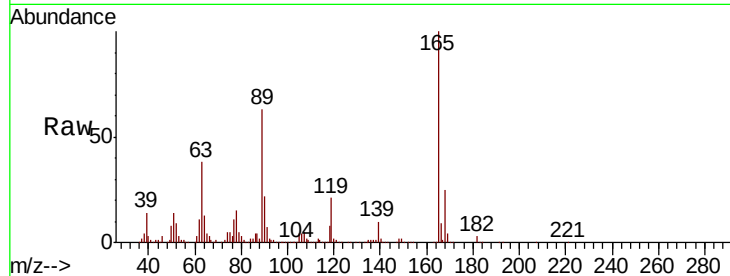
ClientSampled :

TP-6MS

Tot Ion:	165	Resp:	659810
Ion Ratio	Lower	Upper	
165	100		
63	38.3	32.2	48.2
89	62.6	52.1	78.1
182	3.0	2.5	3.7

Manual Integrations
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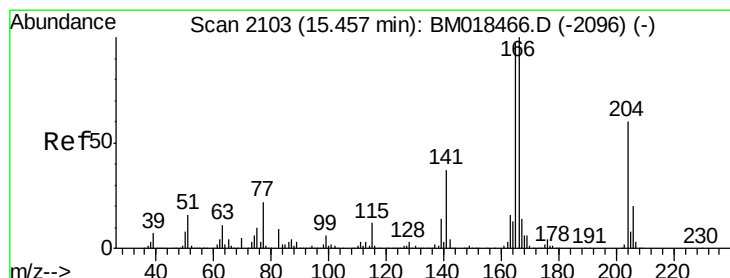
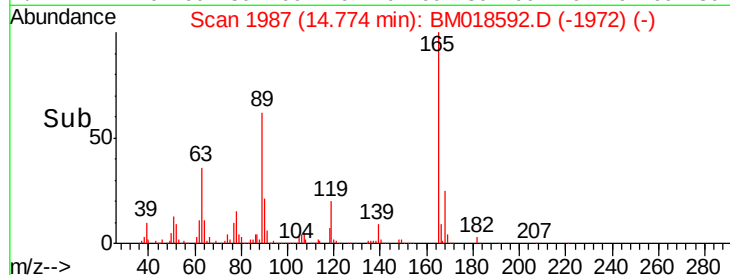
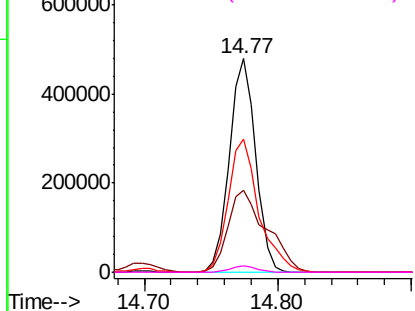


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 29.972 ng

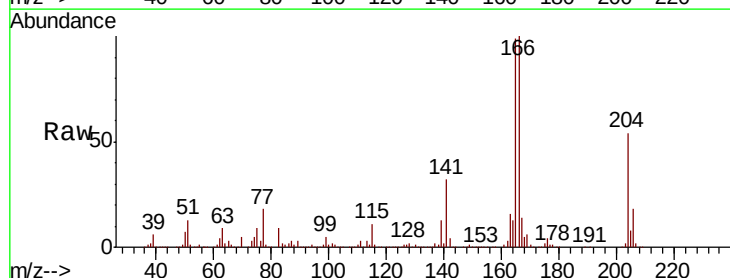
RT: 15.45 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

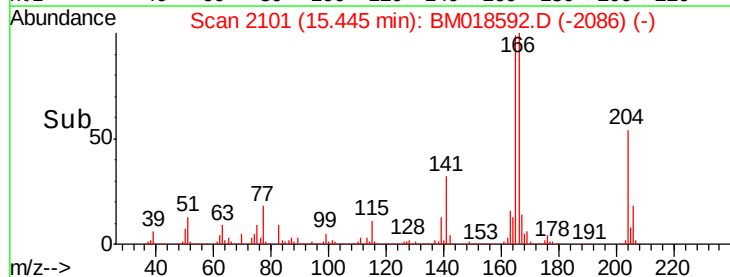
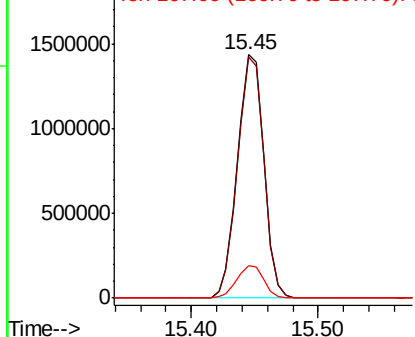
Tgt Ion:	166	Resp:	2068035
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.3	117.5
167	13.5	10.9	16.3

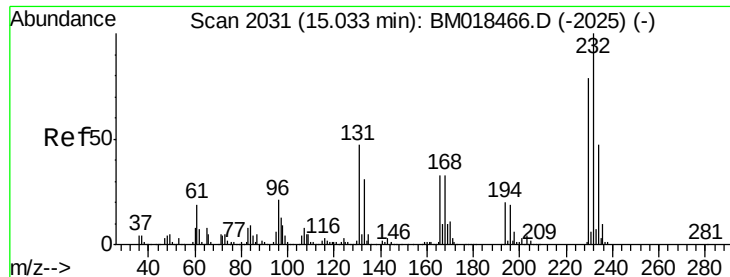


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





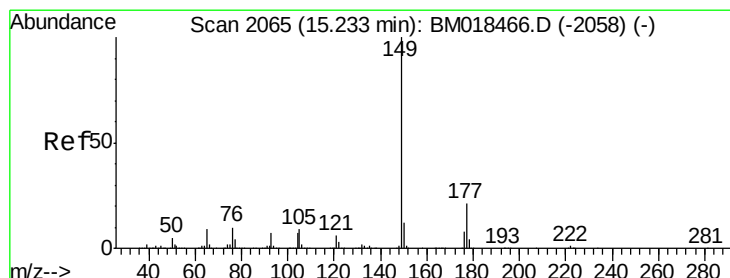
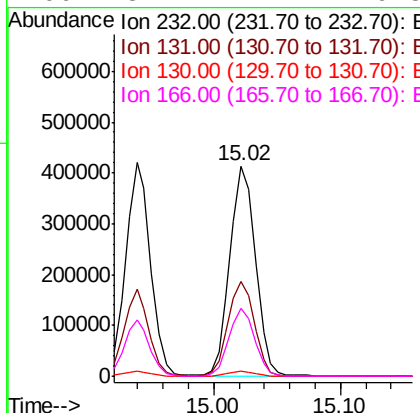
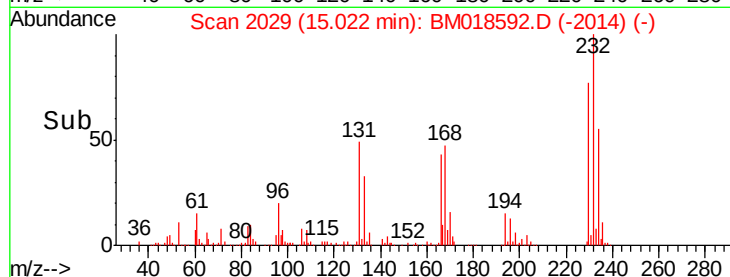
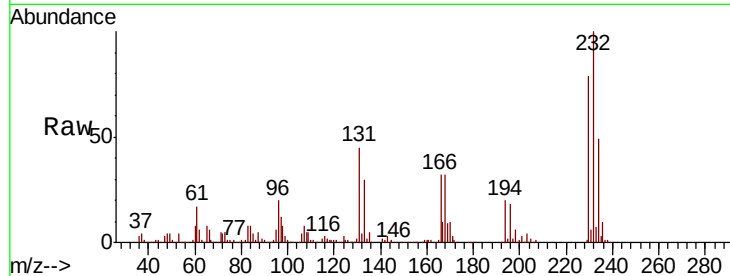
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.410 ng
RT: 15.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tot Ion:	232	Resp:	577331
Ion Ratio	Lower	Upper	
232	100		
131	45.8	38.6	57.8
130	2.5	2.2	3.4
166	32.7	27.2	40.8

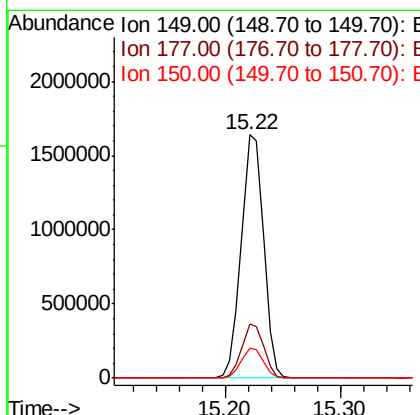
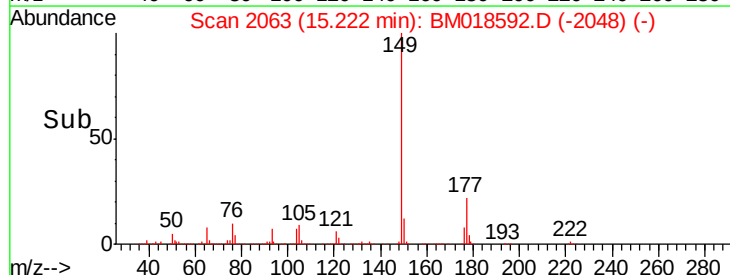
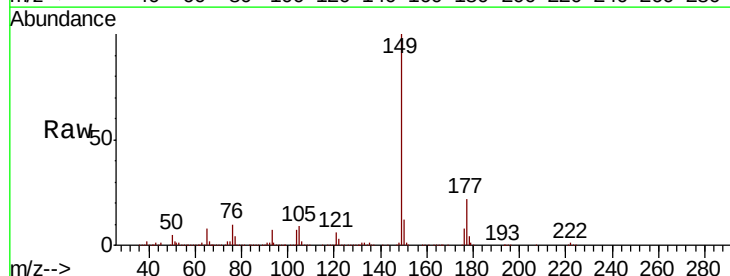
Manual Integrations
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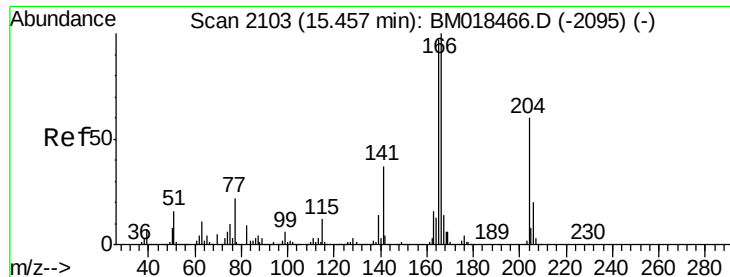
Sohil
1/17/2019 12:17:34 PM



#60
Diethylphthalate
Concen: 28.665 ng
RT: 15.22 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:	149	Resp:	2206631
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.1	25.7
150	12.5	9.8	14.6





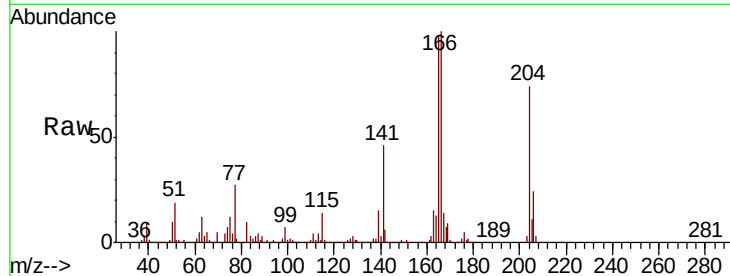
#61
4-Chlorophenyl-phenylether
Concen: 26.685 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

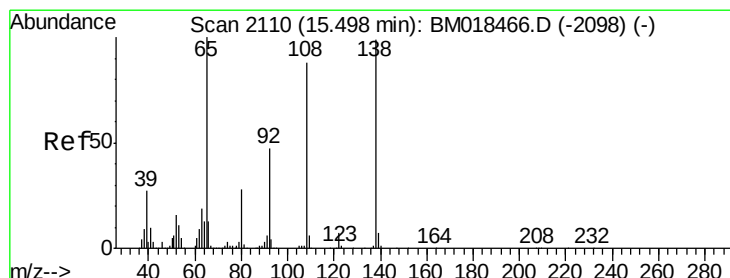
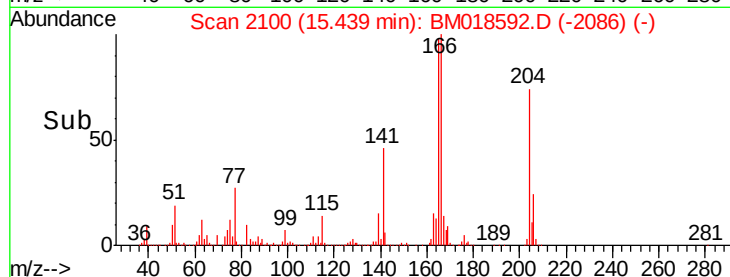
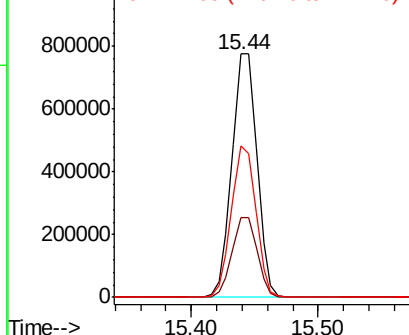
Tot Ion:204 Resp: 1061184
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 62.4 49.5 74.3

Manual Integrations
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1/17/2019 12:17:34 PM

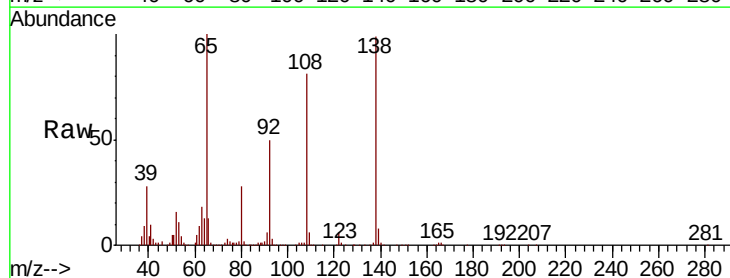


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

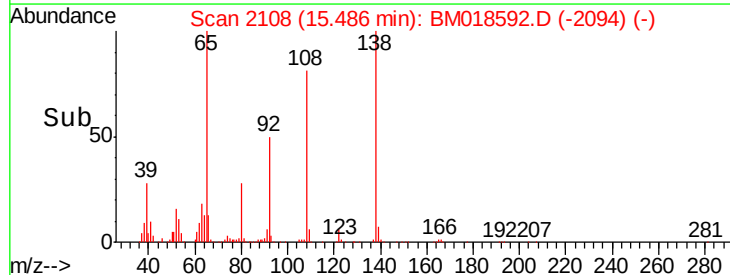
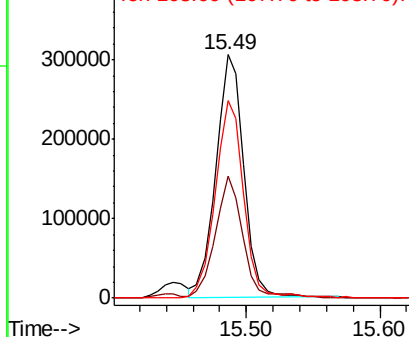


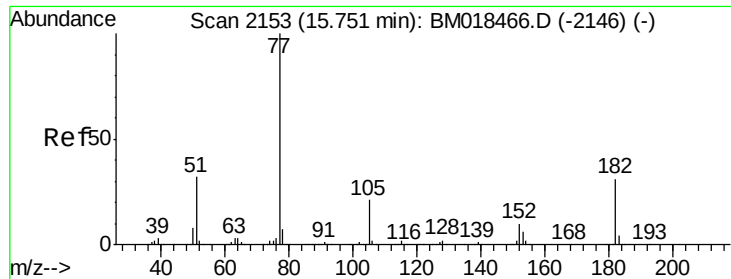
#62
4-Nitroaniline
Concen: 25.354 ng
RT: 15.49 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:138 Resp: 450340
Ion Ratio Lower Upper
138 100
92 50.0 29.0 69.0
108 81.1 63.9 103.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E





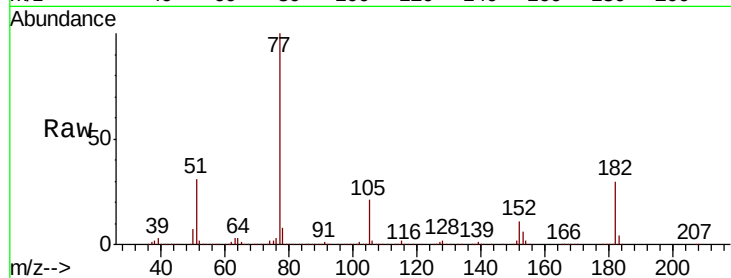
#63
Azobenzene
Concen: 27.623 ng
RT: 15.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.5	7.4	47.4
105	21.3	0.0	39.6
51	31.0	12.0	52.0

Manual Integrations
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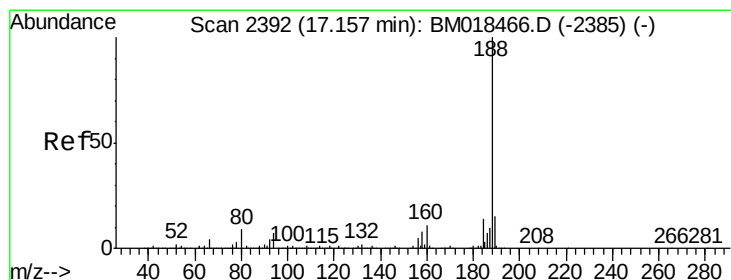
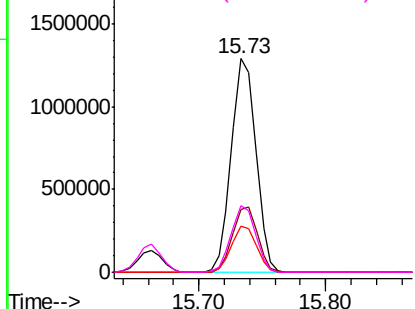
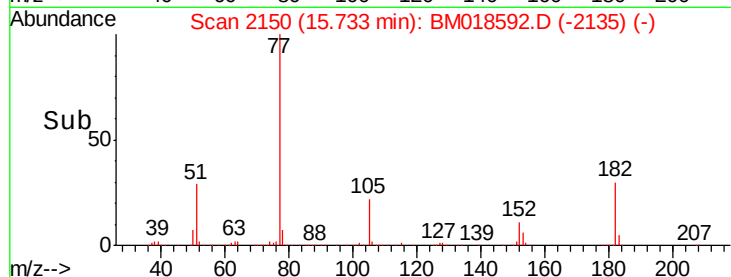
Abundance

Ion 77.00 (76.70 to 77.70): BM018592.D (-2135) (-)

Ion 182.00 (181.70 to 182.70): BM018592.D (-2135) (-)

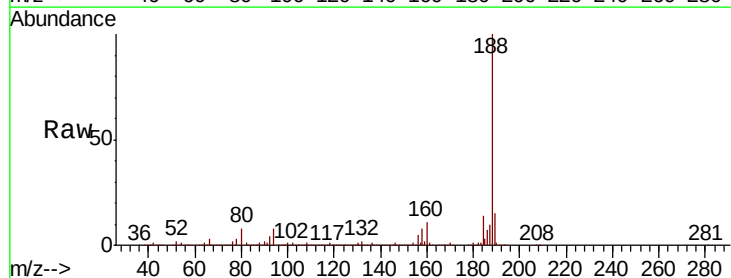
Ion 105.00 (104.70 to 105.70): BM018592.D (-2135) (-)

Ion 51.00 (50.70 to 51.70): BM018592.D (-2135) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.2	7.6	11.4

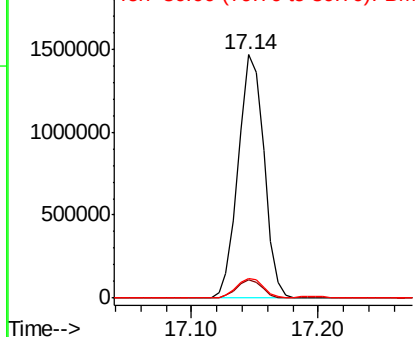
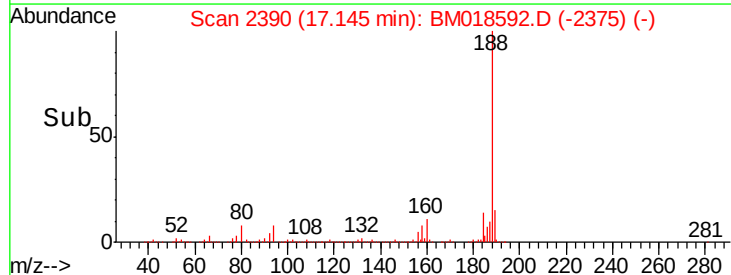


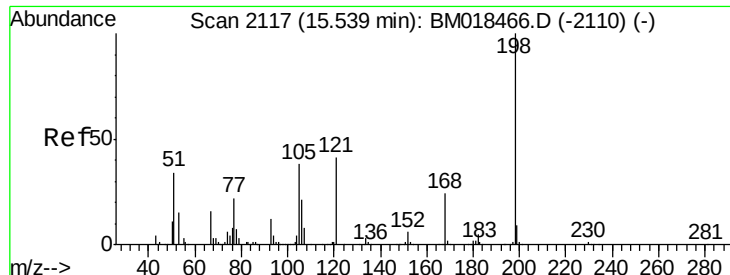
Abundance

Ion 188.00 (187.70 to 188.70): BM018592.D (-2375) (-)

Ion 94.00 (93.70 to 94.70): BM018592.D (-2375) (-)

Ion 80.00 (79.70 to 80.70): BM018592.D (-2375) (-)





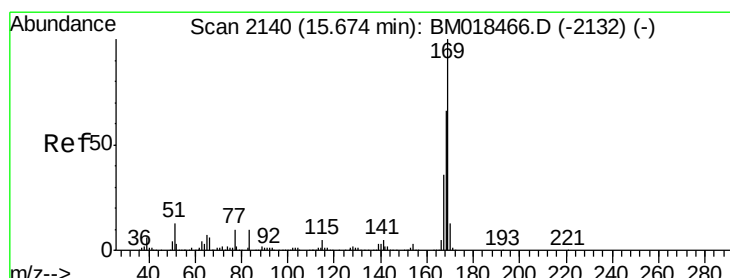
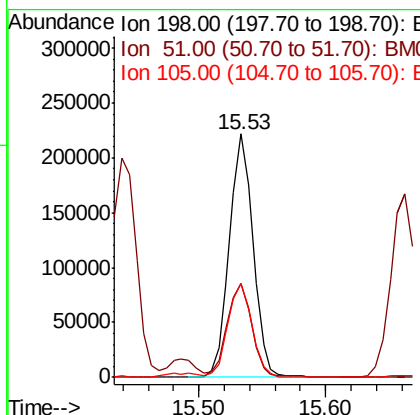
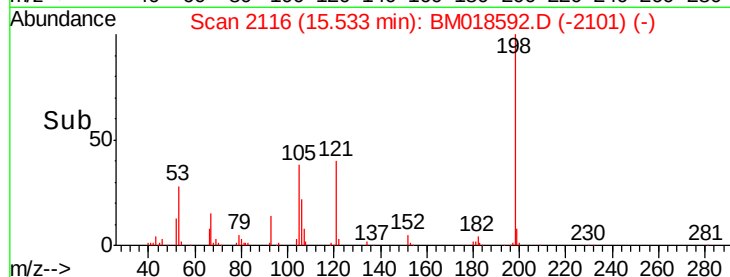
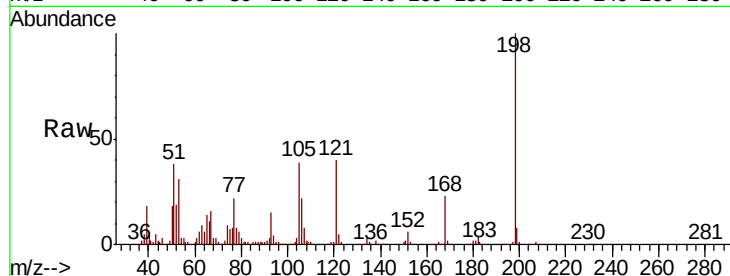
#65
4,6-Dinitro-2-methylphenol
Concen: 24.795 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	287544		
51	38.4		29.6	69.6
105	38.7		25.5	65.5

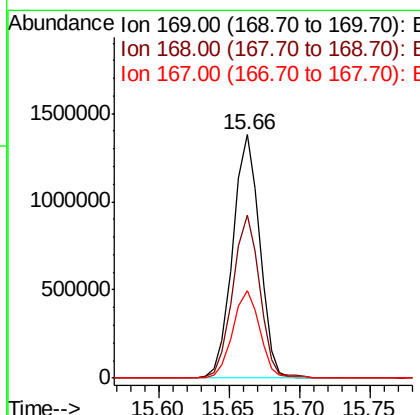
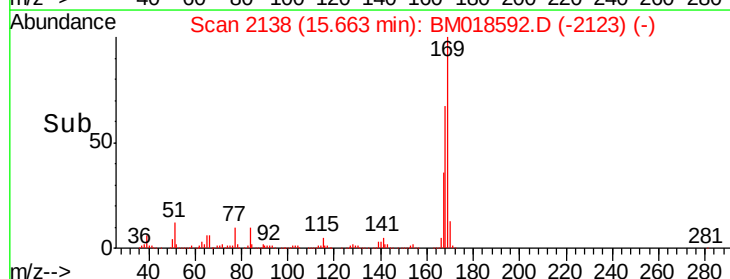
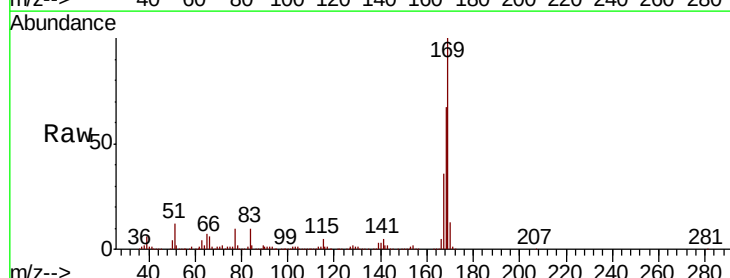
Manual Integrations
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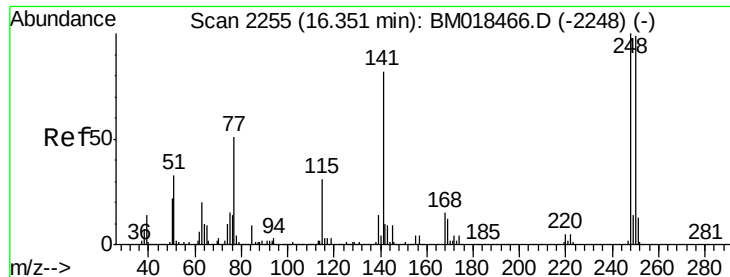
Sohil
1/17/2019 12:17:34 PM



#66
n-Nitrosodiphenylamine
Concen: 28.647 ng
RT: 15.66 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1834077		
168	67.1		54.1	81.1
167	35.8		28.6	42.8





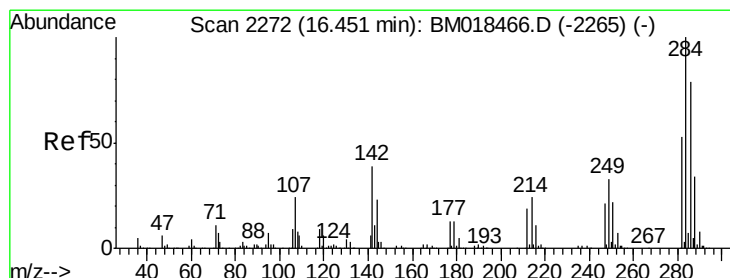
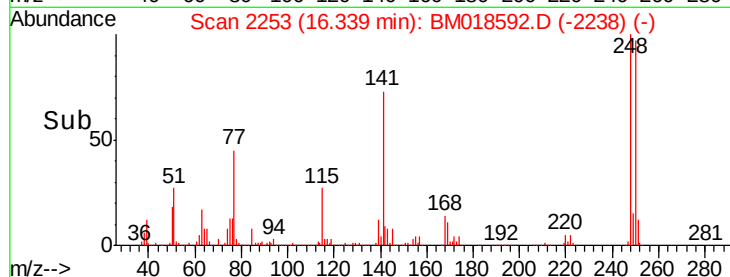
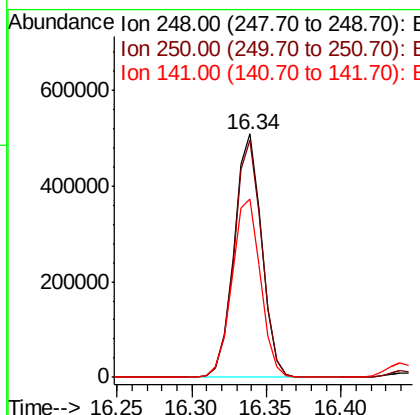
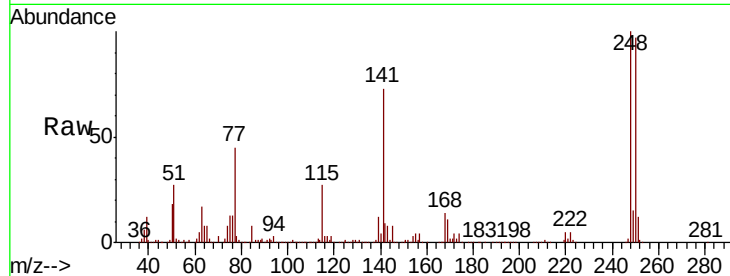
#67
4-Bromophenyl-phenylether
Concen: 28.396 ng
RT: 16.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.0	114.0
141	73.4	61.5	92.3

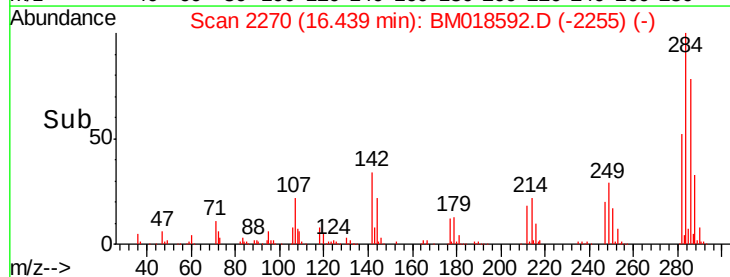
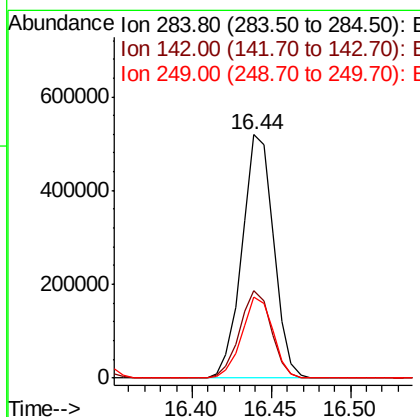
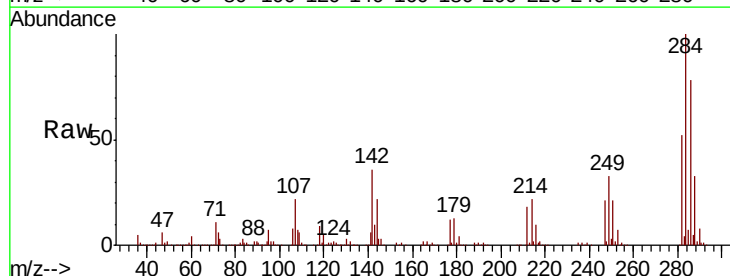
Manual Integrations
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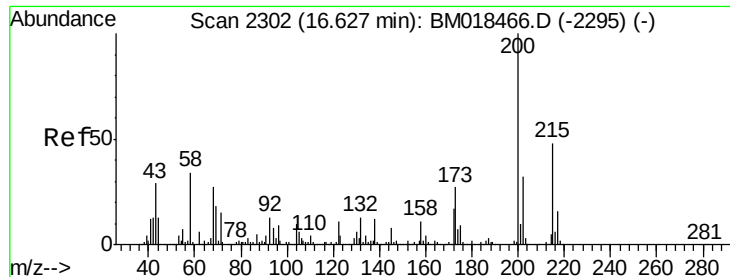
Sohil
1/17/2019 12:17:34 PM



#68
Hexachlorobenzene
Concen: 27.770 ng
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	29.2	43.8
249	33.1	26.1	39.1





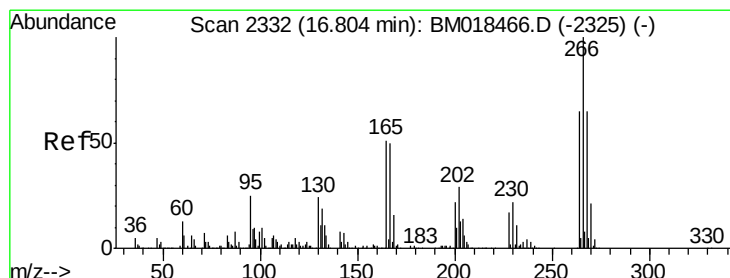
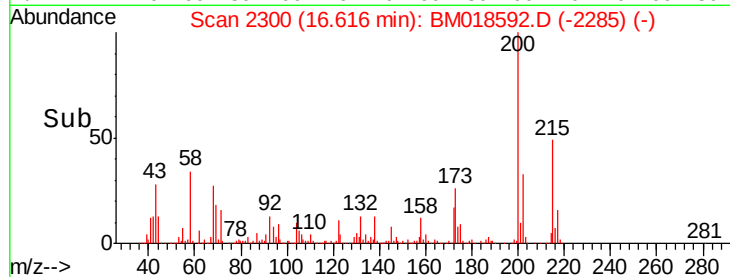
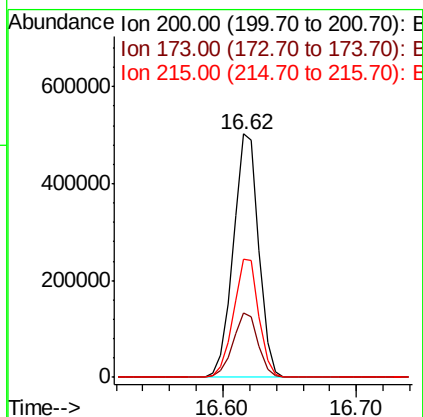
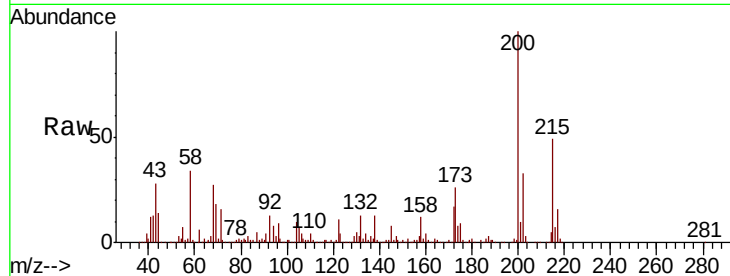
#69
Atrazine
Concen: 28.728 ng
RT: 16.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.2	47.2
215	48.8	28.3	68.3

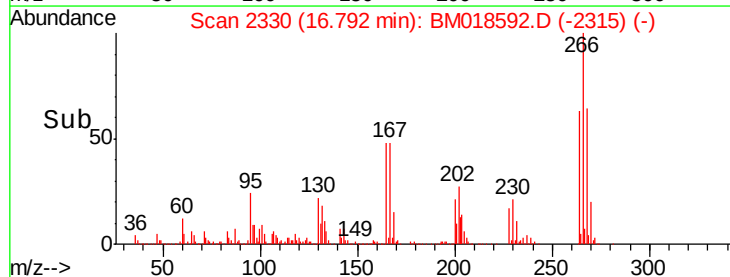
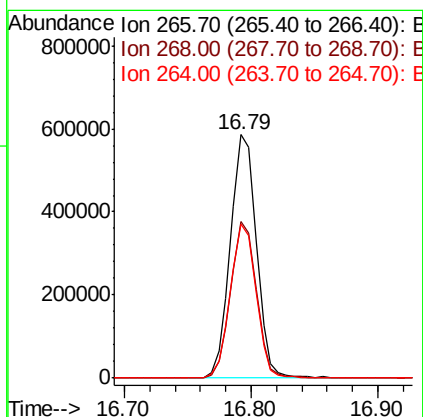
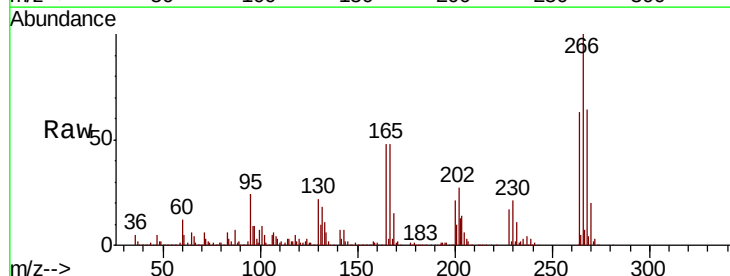
Manual Integrations
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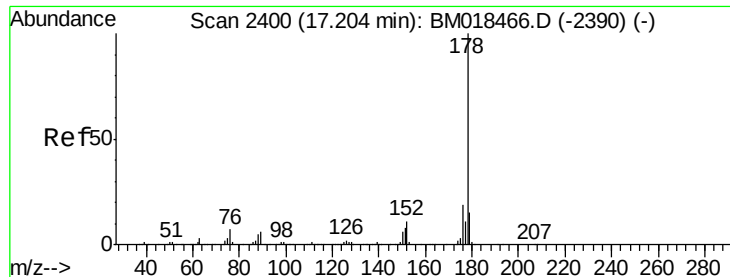
Sohil
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#70
Pentachlorophenol
Concen: 49.208 ng
RT: 16.79 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.8	74.6
264	63.1	50.1	75.1





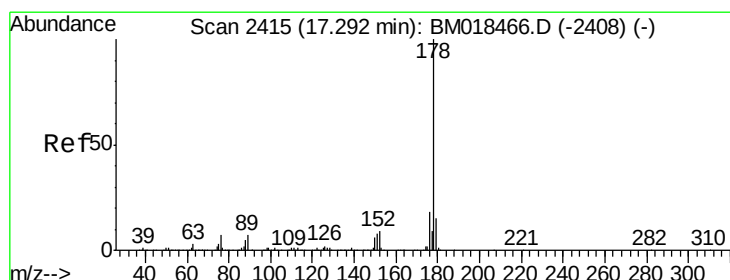
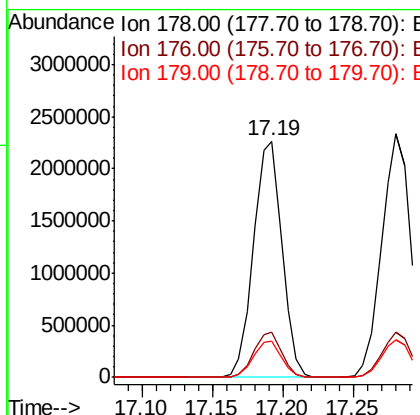
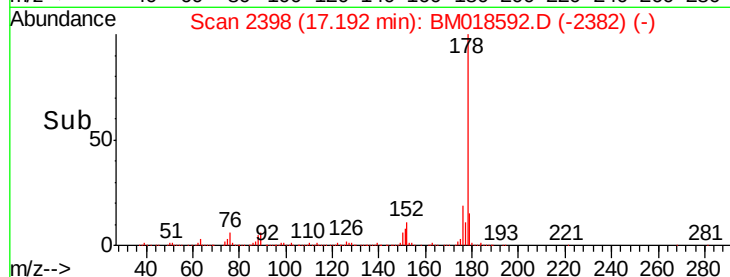
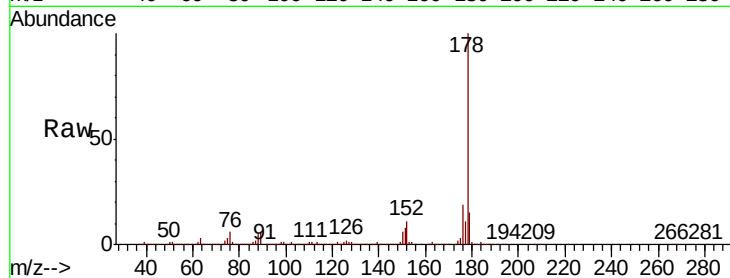
#71
Phenanthrene
Concen: 29.364 ng
RT: 17.19 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tot Ion:178 Resp: 3223638
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.2 12.2 18.4

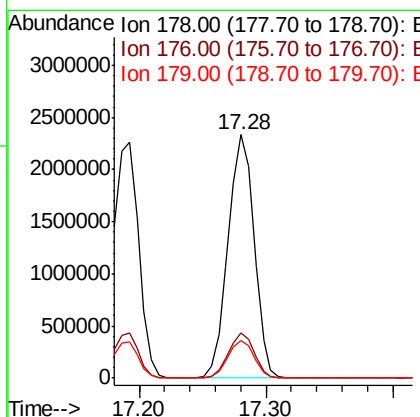
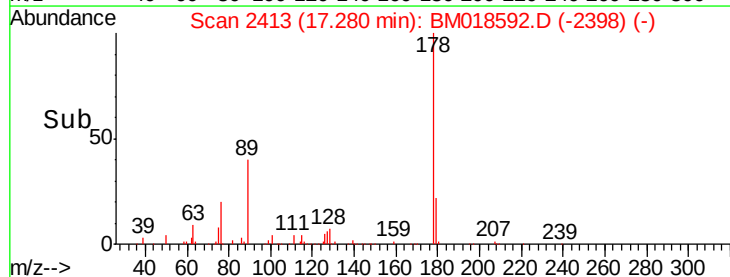
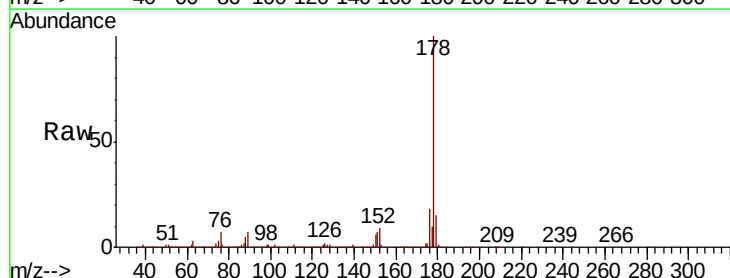
Manual Integrations
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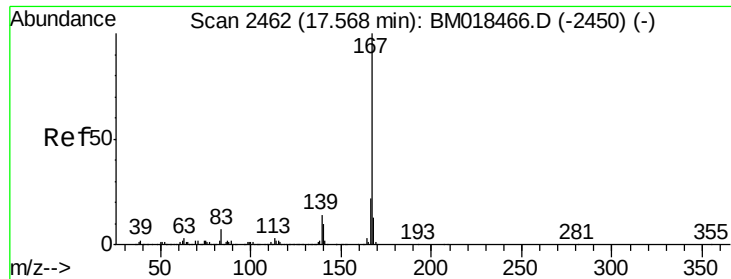
Sohil
1/17/2019 12:17:34 PM



#72
Anthracene
Concen: 31.400 ng
RT: 17.28 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:178 Resp: 3314764
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.4 12.2 18.4





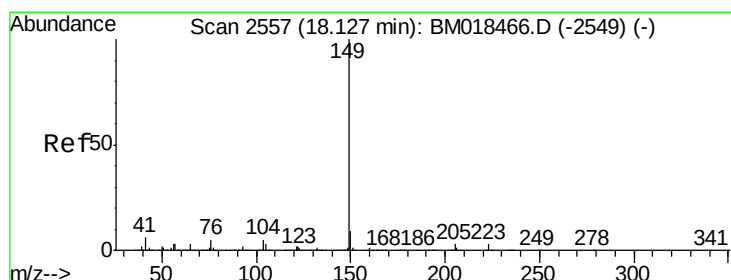
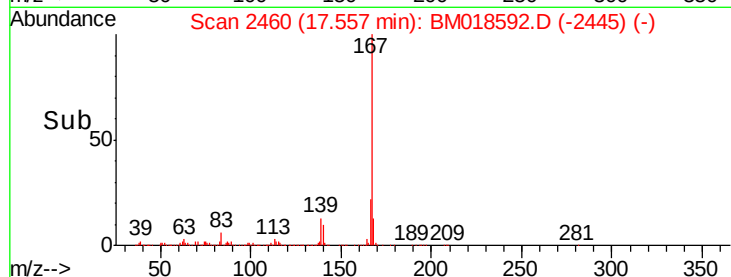
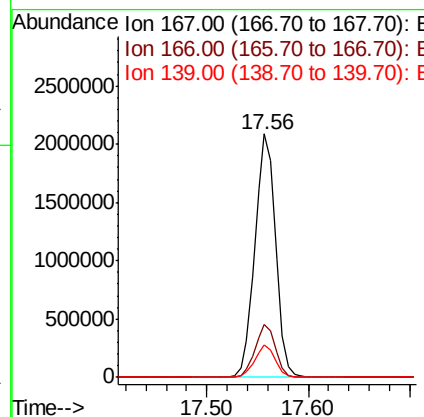
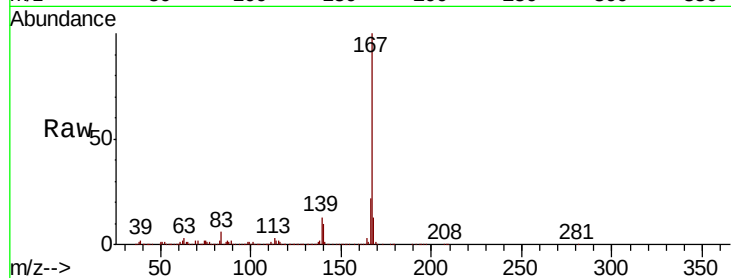
#73
 Carbazole
 Concen: 27.230 ng
 RT: 17.56 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Instrument :
 BNA_M
 ClientSampled :
 TP-6MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.3	10.6	16.0

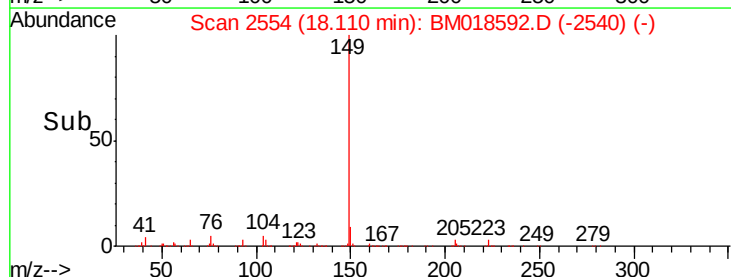
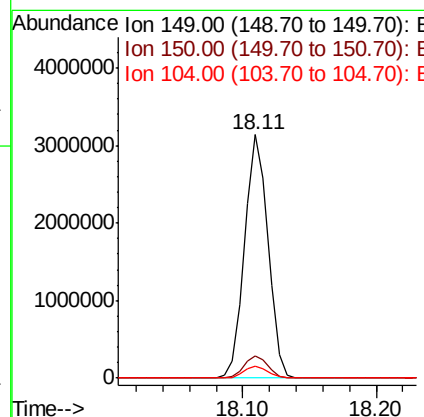
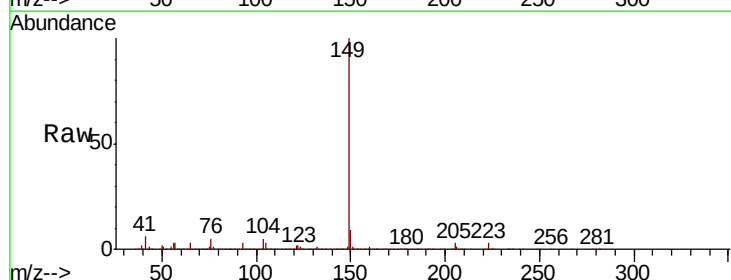
Manual Integrations
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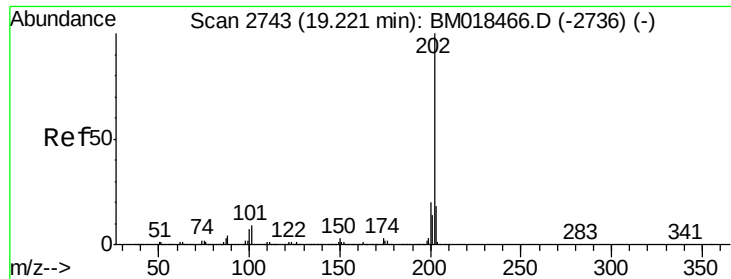
Sohil
 1/17/2019 12:17:34 PM



#74
 Di-n-butylphthalate
 Concen: 31.918 ng
 RT: 18.11 min Scan# 2554
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.1	4.2	6.4





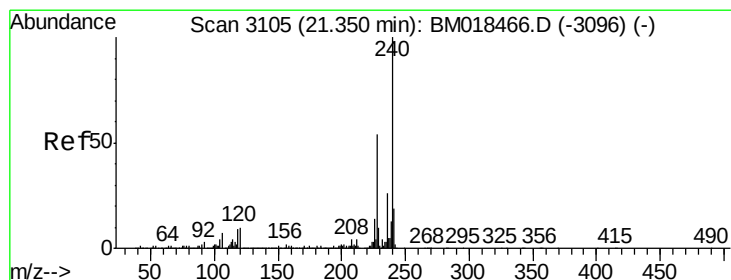
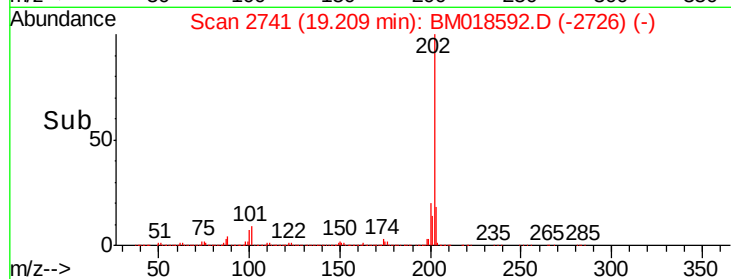
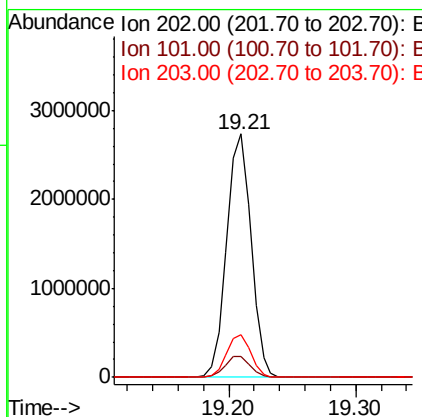
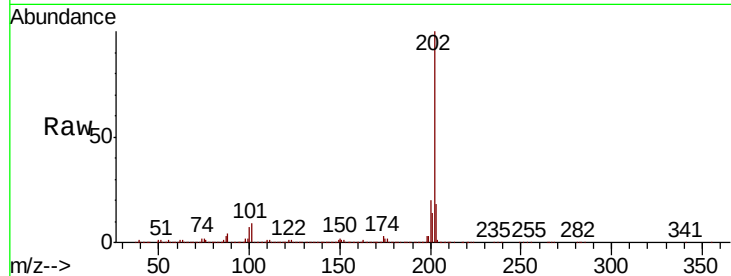
#75
 Fluoranthene
 Concen: 28.675 ng
 RT: 19.21 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.9
203	17.6	0.0	37.4

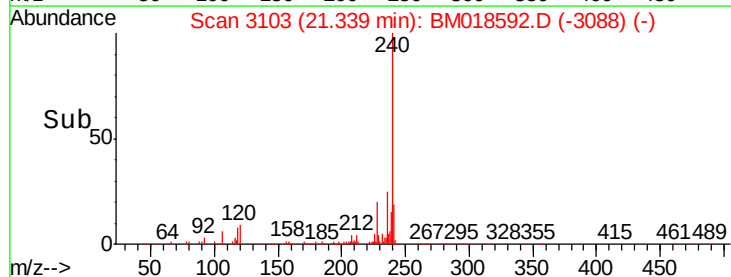
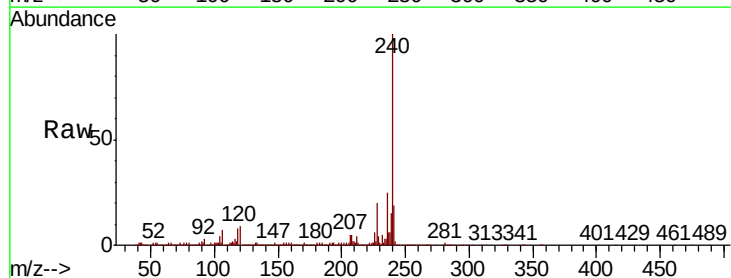
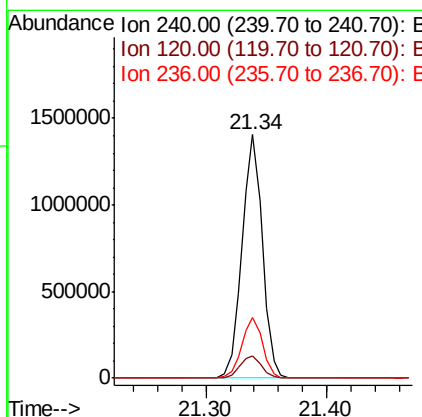
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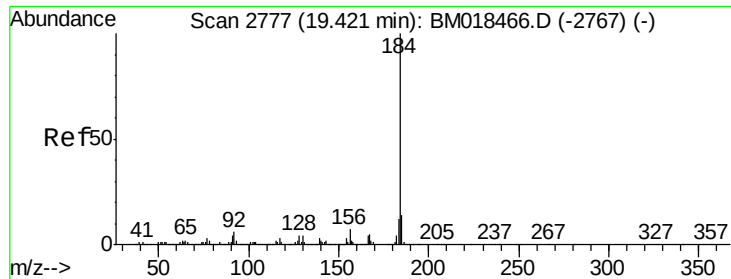
Sohil
 1/17/2019 12:17:34 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.4	12.6
236	25.1	20.7	31.1





#77

Benzidine

Concen: 26.123 ng

RT: 19.40 min Scan# 2774

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampled :

TP-6MS

Tot Ion:184 Resp: 1071318

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

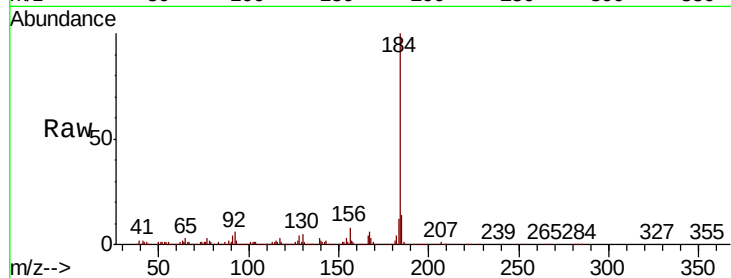
183 11.7 9.5 14.3

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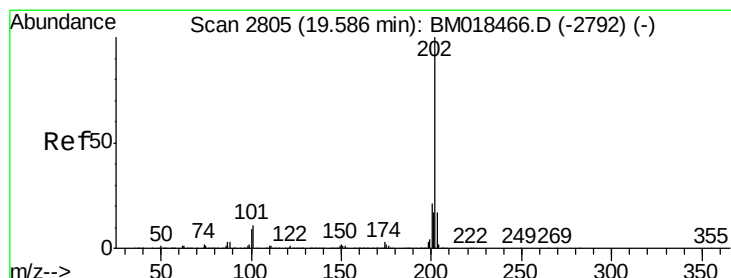
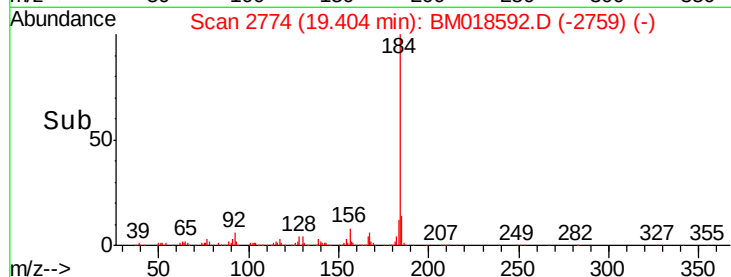
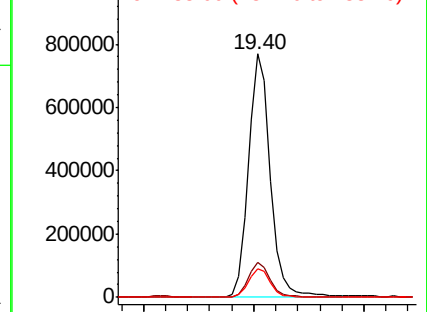


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.951 ng

RT: 19.57 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

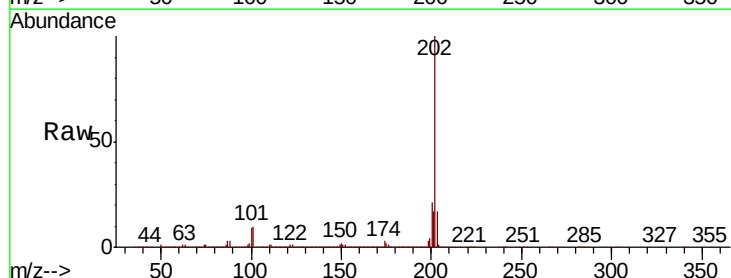
Tgt Ion:202 Resp: 3637894

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

203 17.3 13.8 20.8

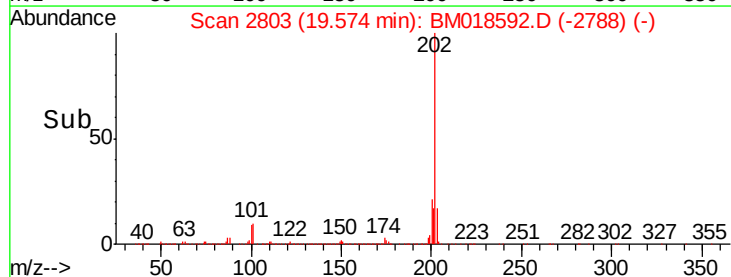
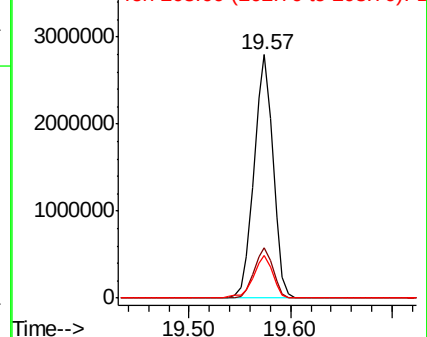


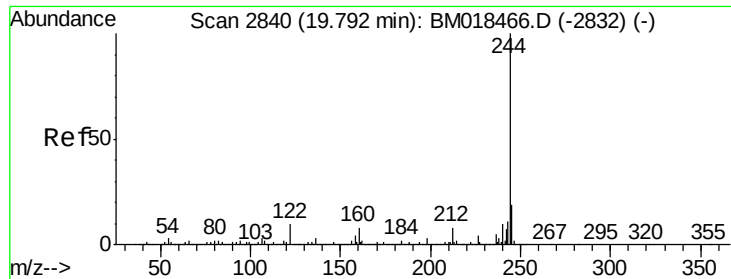
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





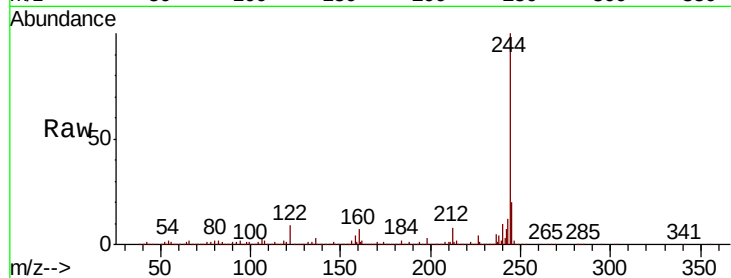
#79
 Terphenyl-d14
 Concen: 70.803 ng
 RT: 19.78 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Instrument :
 BNA_M
 ClientSampled :
 TP-6MS

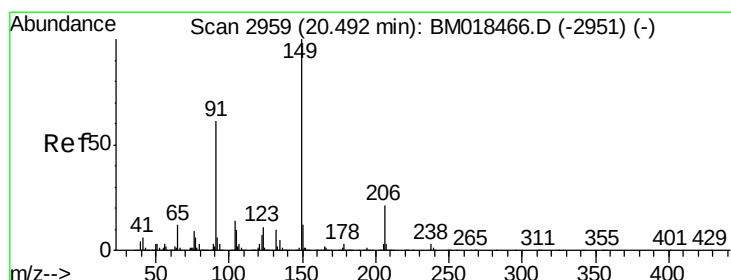
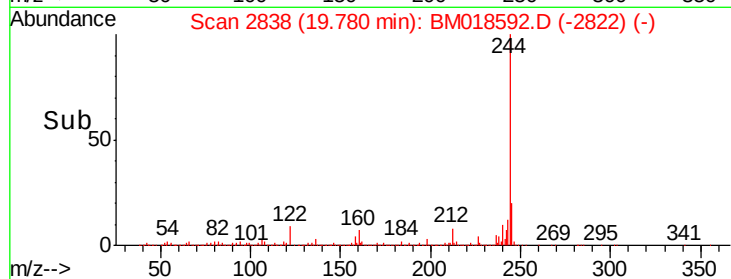
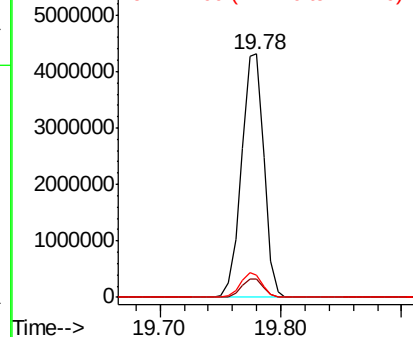
Tot Ion:244 Resp: 5578636
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.0 9.0 13.4

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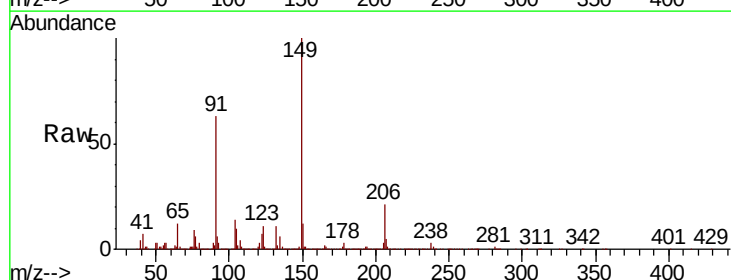


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

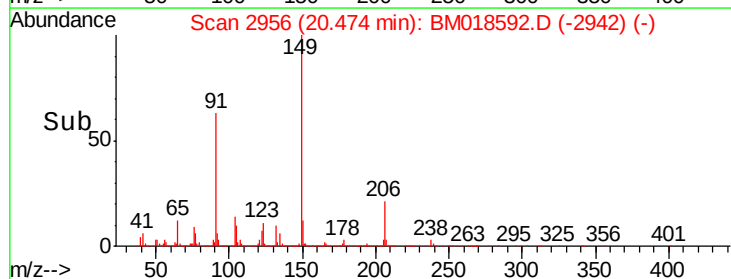
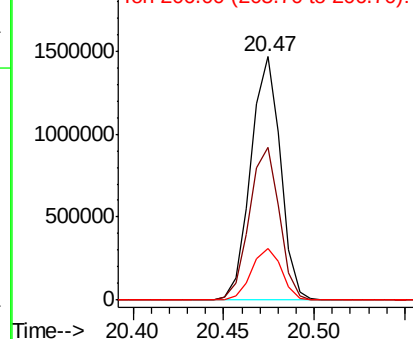


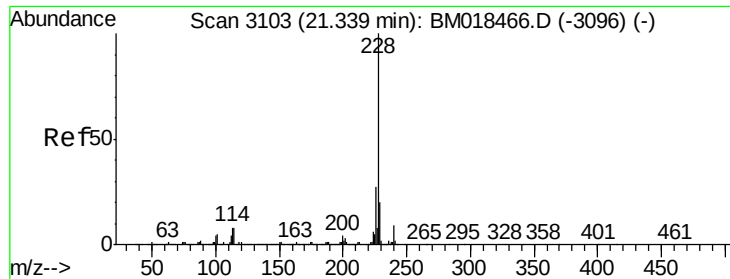
#80
 Butylbenzylphthalate
 Concen: 39.655 ng
 RT: 20.47 min Scan# 2956
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion:149 Resp: 1665944
 Ion Ratio Lower Upper
 149 100
 91 62.7 53.1 79.7
 206 21.3 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 30.104 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

Tot Ion:228 Resp: 2945664

Ion Ratio Lower Upper

228 100

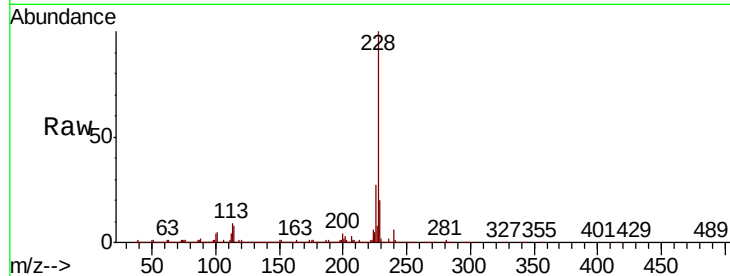
226 27.1 21.8 32.6

229 19.8 15.8 23.8

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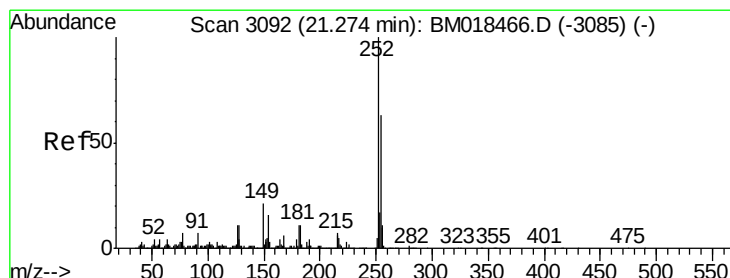
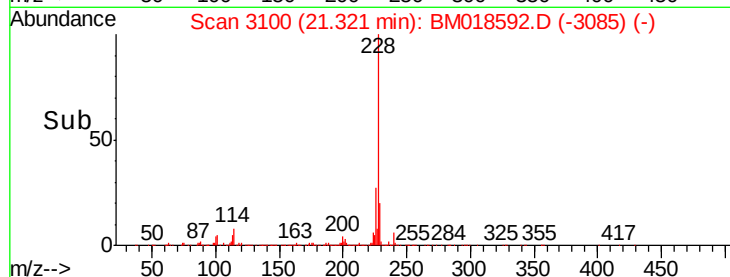
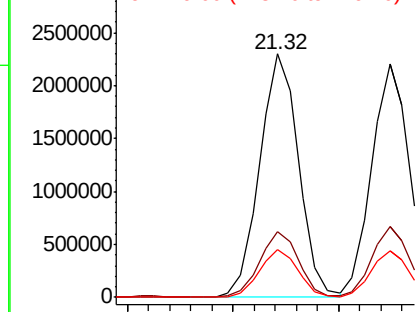


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.546 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

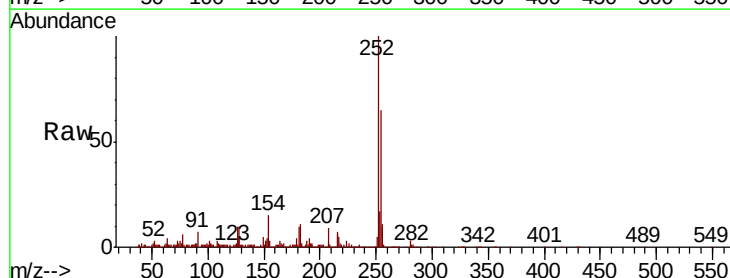
Tgt Ion:252 Resp: 871227

Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.0

126 10.3 8.7 13.1

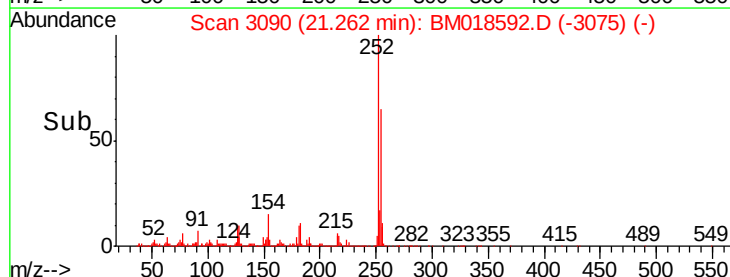
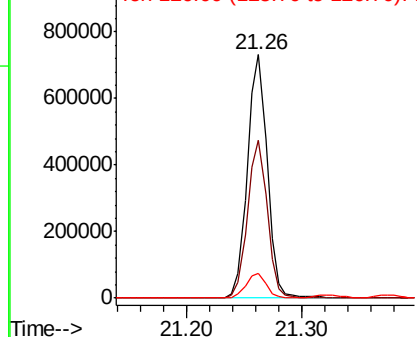


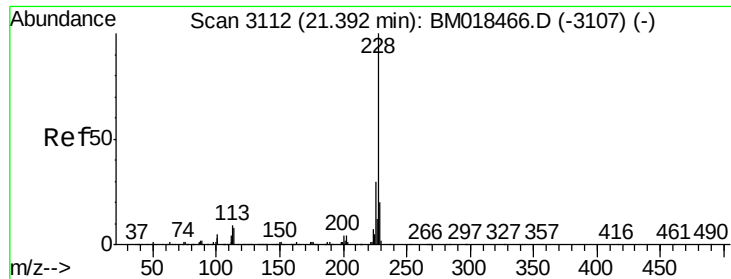
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 28.855 ng

RT: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

Tot Ion:228 Resp: 2726494

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.7	15.6	23.4

228 100

226 30.1 24.2 36.2

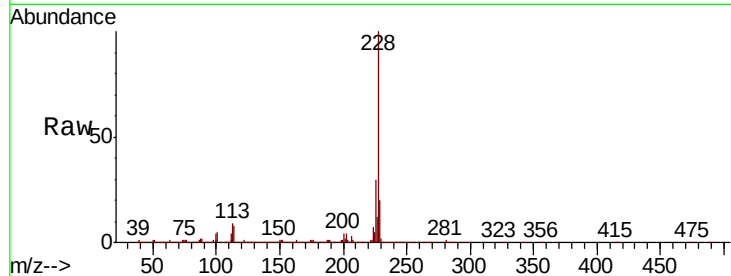
229 19.7 15.6 23.4

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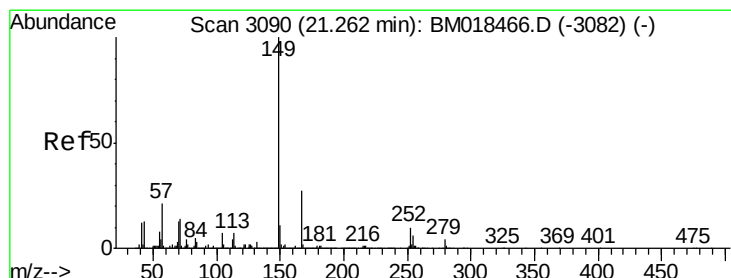
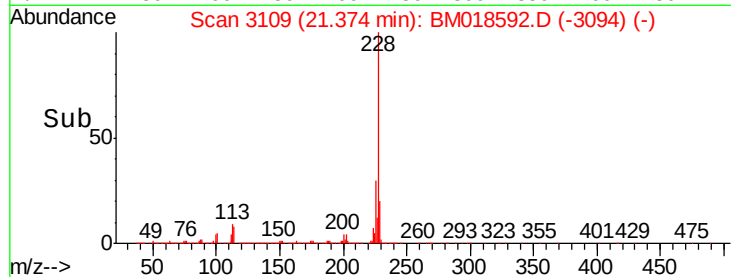
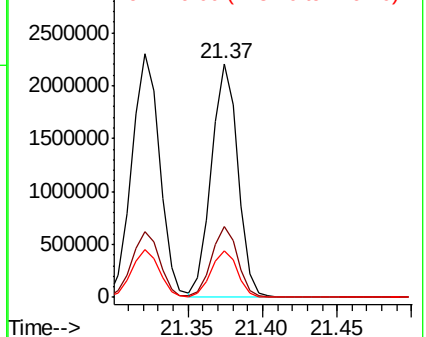


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.131 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

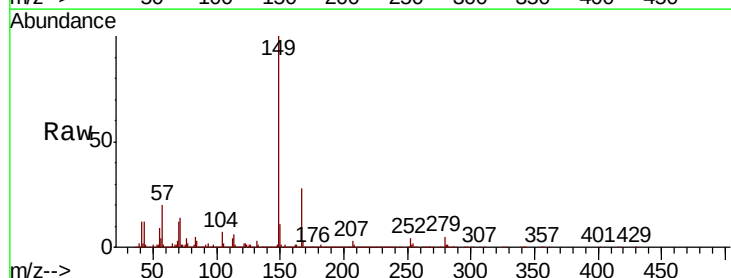
Tgt Ion:149 Resp: 2373815

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.6	32.4
279	4.8	3.3	4.9

149 100

167 28.3 21.6 32.4

279 4.8 3.3 4.9

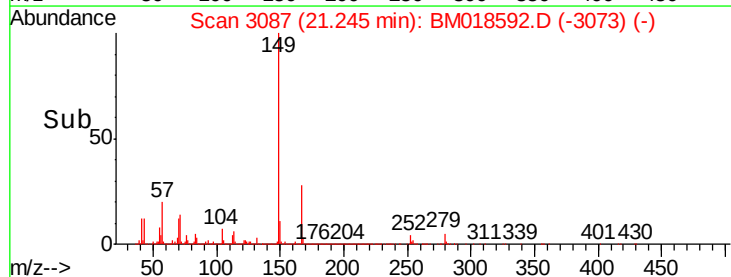
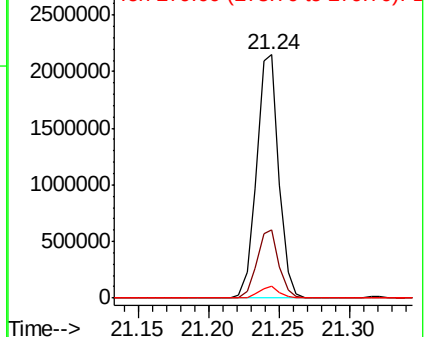


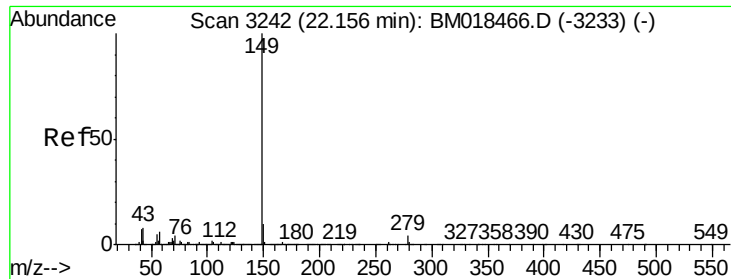
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.063 ng

RT: 22.13 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

Tot Ion:149 Resp: 3679527

Ion Ratio Lower Upper

149 100

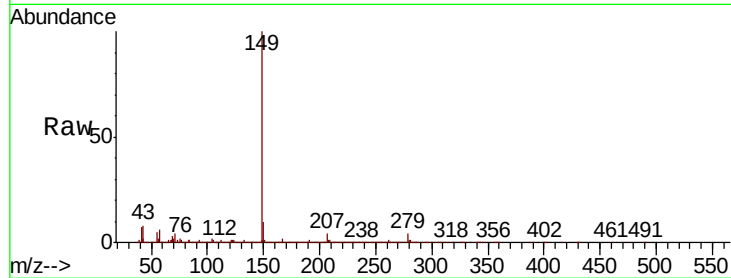
167 1.6 1.3 1.9

43 8.2 8.6 12.8#

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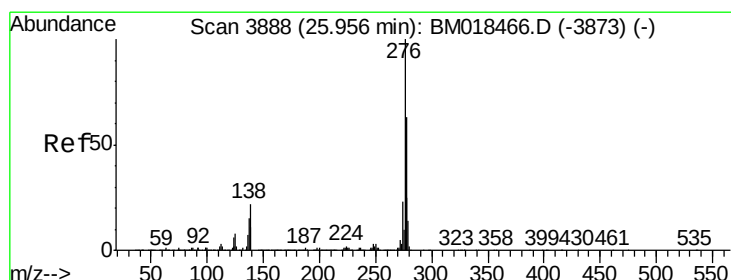
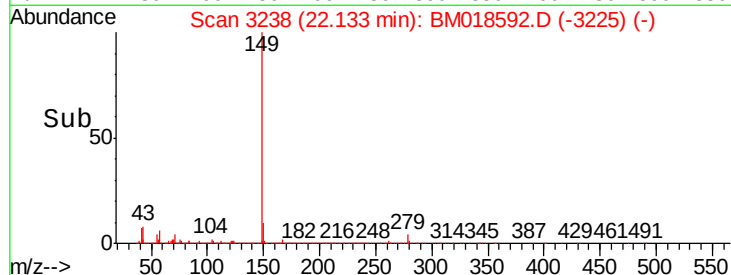
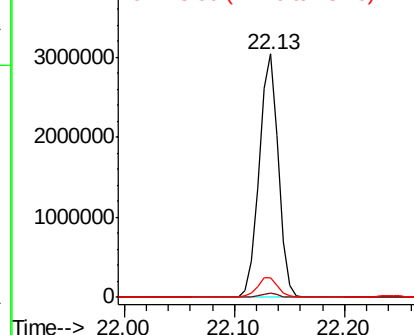


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 23.318 ng

RT: 25.93 min Scan# 3883

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

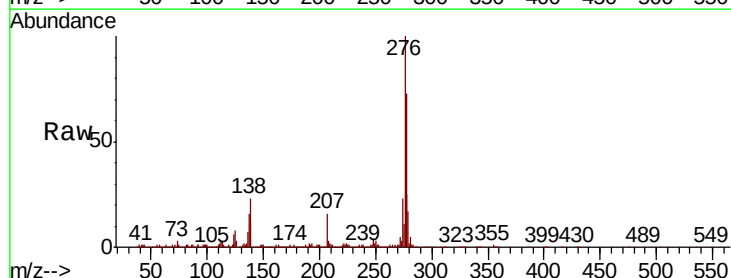
Tgt Ion:276 Resp: 2540627

Ion Ratio Lower Upper

276 100

138 23.3 21.5 32.3

277 25.1 20.2 30.2

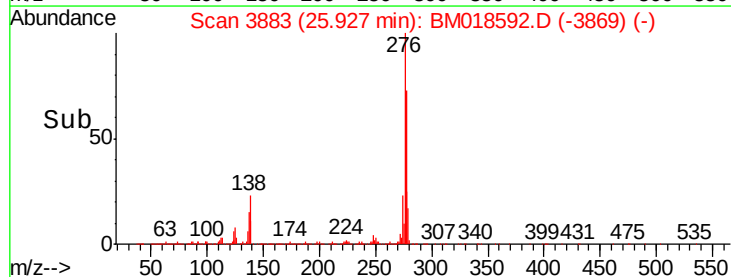
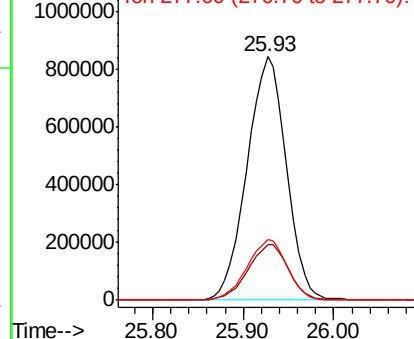


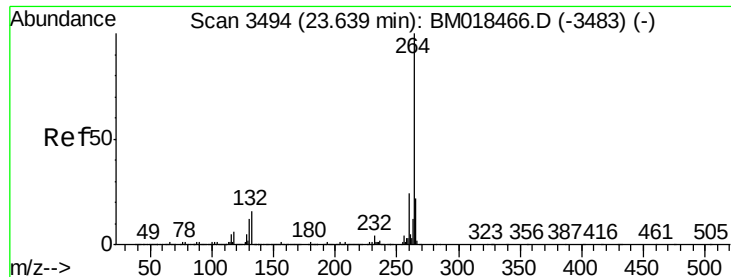
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.62 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

Tot Ion:264 Resp: 1367356

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

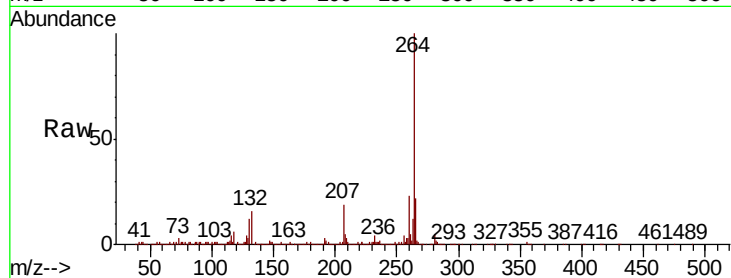
265 21.7 16.8 25.2

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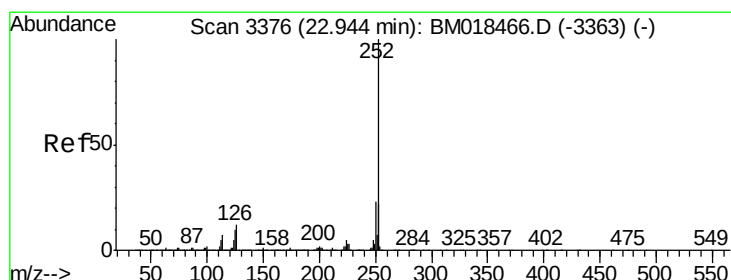
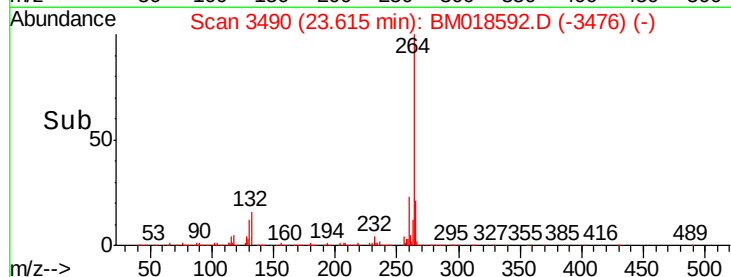
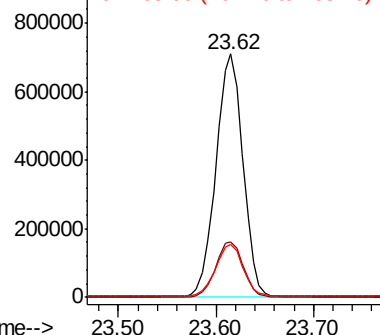


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 31.363 ng

RT: 22.93 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

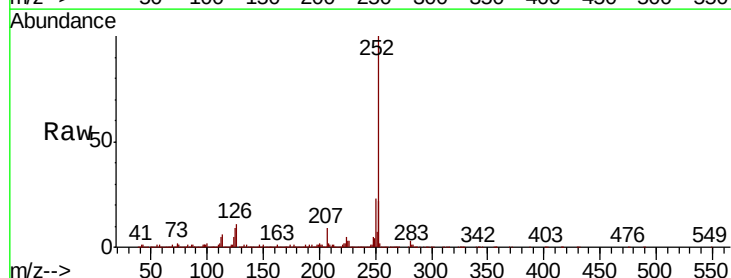
Tgt Ion:252 Resp: 2434656

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.1 8.5 12.7

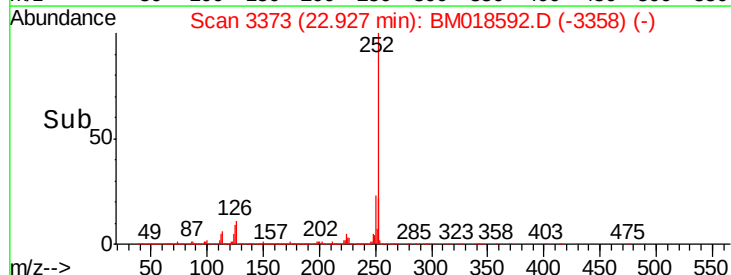
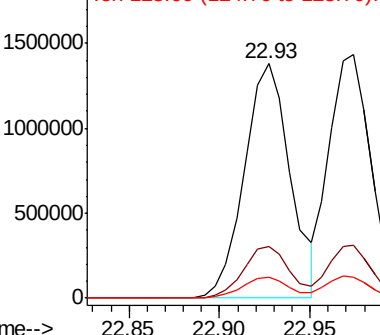


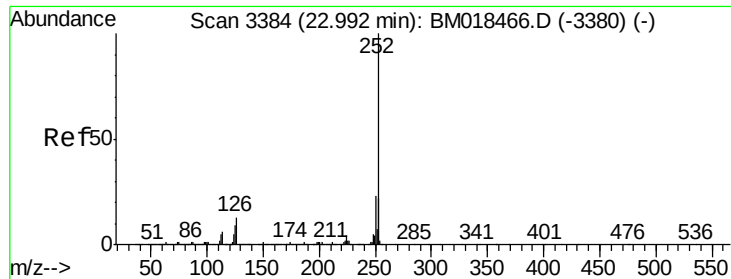
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 29.277 ng

RT: 22.97 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

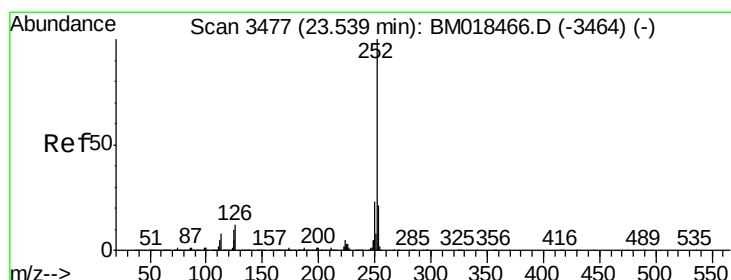
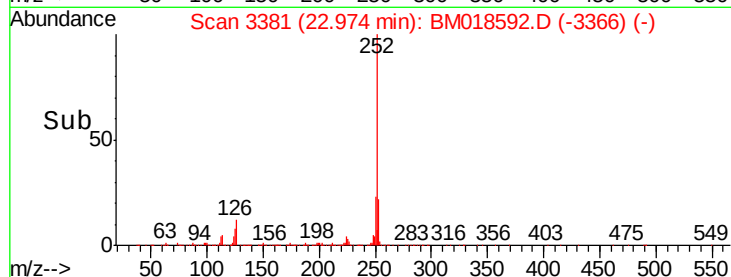
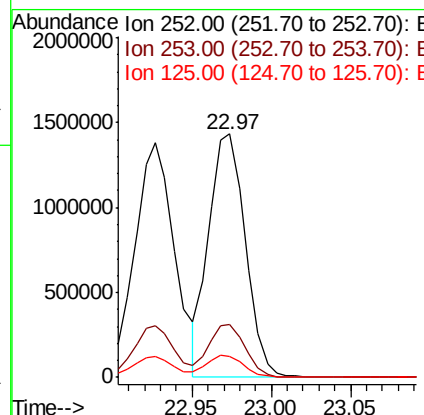
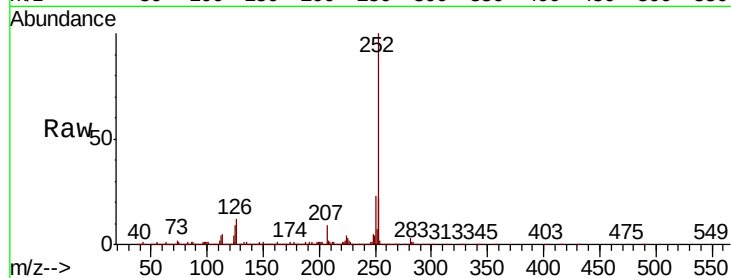
ClientSampled :

TP-6MS

Tot Ion:	252	Resp:	2290404
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	8.7	8.6	12.8

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#90

Benzo(a)pyrene

Concen: 30.313 ng

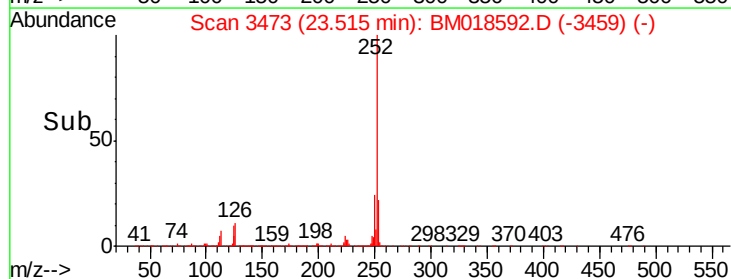
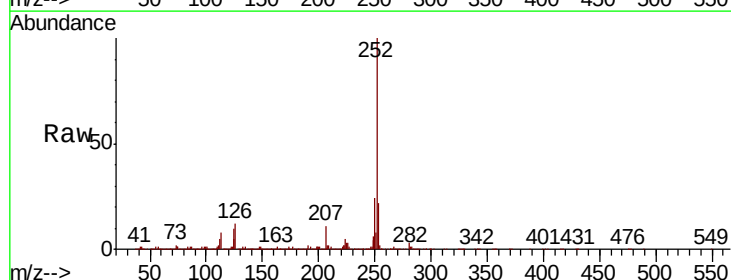
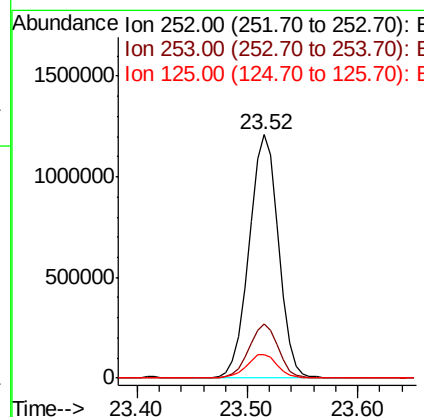
RT: 23.52 min Scan# 3473

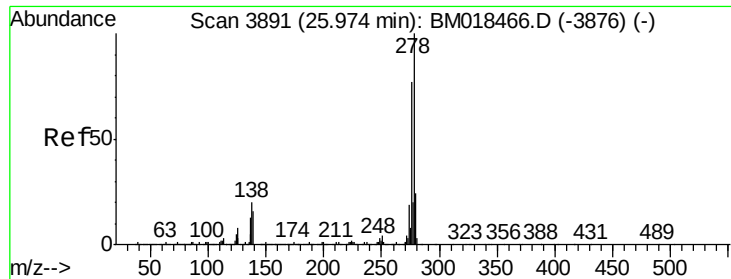
Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Tgt Ion:	252	Resp:	2252818
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.8	9.7	14.5





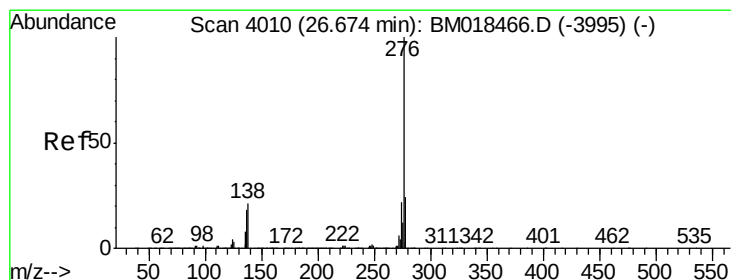
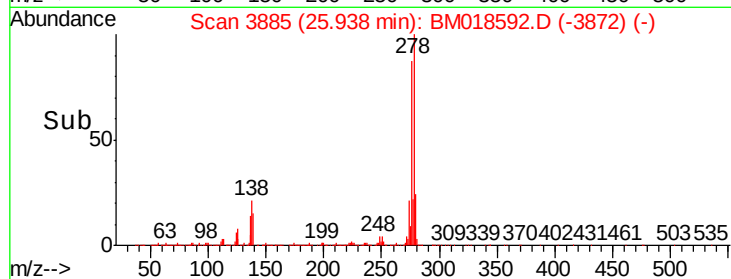
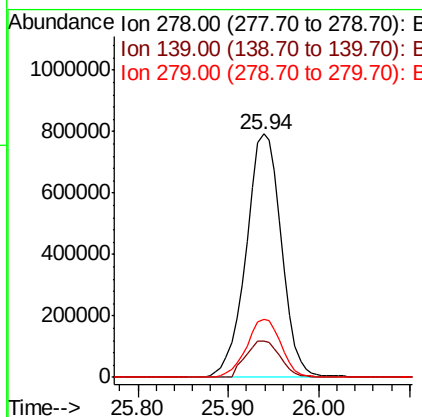
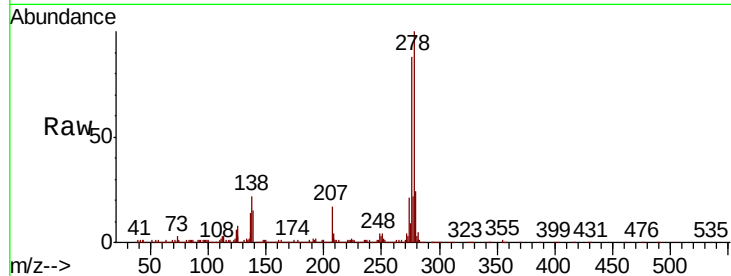
#91
Dibenzo(a,h)anthracene
Concen: 28.444 ng
RT: 25.94 min Scan# 3885
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.2	19.8
279	24.0	19.0	28.4

Manual Integrations
APPROVED

Sohil
1/17/2019 12:17:34 PM



#92
Benzo(g,h,i)perylene
Concen: 28.861 ng
RT: 26.64 min Scan# 4004
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	20.1	18.1	27.1

