

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018784.D
 Acq On : 12 Feb 2019 22:06
 Operator : JU/SJ
 Sample : K1460-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

Manual Integrations
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Sohil
 2/13/2019 12:20:48 PM

Quant Time: Feb 13 03:08:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	352817	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1477547	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	851528	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1905418	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1891406	20.00	ng	0.00
87) Perylene-d12	23.57	264	1565524	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1348990	62.65	ng	0.00
7) Phenol-d6	6.89	99	1205832	39.75	ng	0.00
23) Nitrobenzene-d5	8.89	82	2762047	86.44	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	1650515	134.47	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5476774	85.38	ng	0.00
79) Terphenyl-d14	19.75	244	8485143	92.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	144101	15.365	ng	99
3) Pyridine	3.66	79	350905	13.717	ng	99
4) n-Nitrosodimethylamine	3.58	42	136272	20.939	ng	# 90
6) Aniline	7.06	93	987099	26.558	ng	98
8) 2-Chlorophenol	7.28	128	857887	36.287	ng	98
9) Benzaldehyde	6.87	77	521407	29.177	ng	98
10) Phenol	6.92	94	616055	19.301	ng	98
11) bis(2-Chloroethyl)ether	7.15	93	1036727	42.579	ng	98
12) 1,3-Dichlorobenzene	7.60	146	1016416	38.234	ng	99
13) 1,4-Dichlorobenzene	7.75	146	1037987	38.354	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1009673	38.839	ng	99
15) Benzyl Alcohol	7.96	79	671277	27.849	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	975366	41.390	ng	99
17) 2-Methylphenol	8.16	107	639126	31.461	ng	98
18) Hexachloroethane	8.78	117	384221	38.891	ng	99
19) n-Nitroso-di-n-propylamine	8.53	70	1009140	42.965	ng	100
20) 3+4-Methylphenols	8.49	107	777690	27.723	ng	97
22) Acetophenone	8.55	105	1662097	40.962	ng	100
24) Nitrobenzene	8.93	77	1408689	42.470	ng	100
25) Isophorone	9.45	82	2560813	50.225	ng	100
26) 2-Nitrophenol	9.63	139	559907	42.388	ng	99
27) 2,4-Dimethylphenol	9.69	122	852980	44.212	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	1496089	45.375	ng	93
29) 2,4-Dichlorophenol	10.16	162	941620	42.506	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	1016749	39.743	ng	97
31) Naphthalene	10.56	128	3184464	44.191	ng	99
32) Benzoic acid	9.81	122	246513	14.648	ng	95
33) 4-Chloroaniline	10.68	127	986848	30.636	ng	99
34) Hexachlorobutadiene	10.82	225	560137	37.721	ng	98
35) Caprolactam	11.62	113	54005m	5.973	ng	
36) 4-Chloro-3-methylphenol	11.80	107	1046277	39.173	ng	100
37) 2-Methylnaphthalene	12.17	142	2399707	47.298	ng	99
38) 1-Methylnaphthalene	12.39	142	2272044	45.795	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1143881	41.993	ng	99

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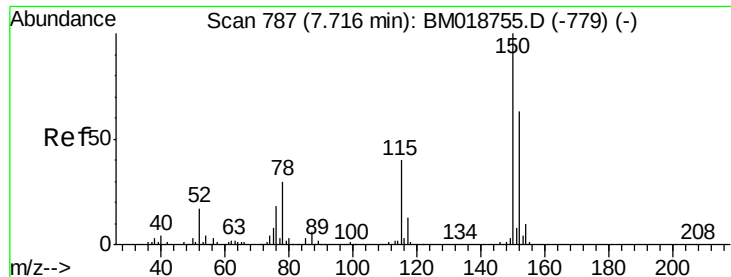
Manual Integrations
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Quant Time: Feb 13 03:08:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1435922	103.105	nq	100
43) 2,4,6-Trichlorophenol	12.79	196	805761	44.684	nq	99
44) 2,4,5-Trichlorophenol	12.86	196	858852	45.441	nq	98
46) 1,1'-Biphenyl	13.19	154	3079159	42.009	nq	100
47) 2-Chloronaphthalene	13.24	162	2387575	42.173	nq	99
48) 2-Nitroaniline	13.46	65	876139	46.596	nq	98
49) Acenaphthylene	14.09	152	3905169	46.325	nq	99
50) Dimethylphthalate	13.83	163	3142630	44.284	nq	99
51) 2,6-Dinitrotoluene	13.96	165	690725	44.932	nq	97
52) Acenaphthene	14.43	154	2277152	44.054	nq	100
53) 3-Nitroaniline	14.30	138	587325	33.813	nq	99
54) 2,4-Dinitrophenol	14.50	184	807851	82.615	nq	96
55) Dibenzofuran	14.77	168	3698692	43.534	nq	100
56) 4-Nitrophenol	14.61	139	473159	34.124	nq	98
57) 2,4-Dinitrotoluene	14.75	165	982720	46.397	nq	99
58) Fluorene	15.42	166	3028913	46.600	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	787879	47.160	nq	100
60) Diethylphthalate	15.20	149	3291100	44.957	nq	99
61) 4-Chlorophenyl-phenylether	15.42	204	1531049	42.012	nq	95
62) 4-Nitroaniline	15.46	138	678340	39.835	nq	98
63) Azobenzene	15.71	77	3480141	44.338	nq	98
65) 4,6-Dinitro-2-methylphenol	15.51	198	526689	39.369	nq	99
66) n-Nitrosodiphenylamine	15.64	169	2657376	44.143	nq	100
67) 4-Bromophenyl-phenylether	16.31	248	915789	42.939	nq	100
68) Hexachlorobenzene	16.41	284	1045743	42.183	nq	99
69) Atrazine	16.60	200	871250	44.892	nq	100
70) Pentachlorophenol	16.77	266	1343464	84.166	nq	99
71) Phenanthrene	17.16	178	4701747	45.915	nq	100
72) Anthracene	17.25	178	4817103	48.331	nq	99
73) Carbazole	17.53	167	4477868	43.003	nq	100
74) Di-n-butylphthalate	18.09	149	5703730	47.627	nq	100
75) Fluoranthene	19.18	202	5471291	46.255	nq	99
77) Benzidine	19.38	184	822546	19.310	nq	100
78) Pyrene	19.54	202	5600667	50.984	nq	100
80) Butylbenzylphthalate	20.44	149	2707997	54.091	nq	98
81) Benzo(a)anthracene	21.29	228	5295797	48.033	nq	100
82) 3,3'-Dichlorobenzidine	21.23	252	1472826	33.801	nq	100
83) Chrysene	21.34	228	4923942	46.595	nq	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	3845558	52.482	nq	99
85) Di-n-octyl phthalate	22.10	149	6330082	51.401	nq	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	4350217	35.655	nq	100
88) Benzo(b)fluoranthene	22.89	252	4636631	51.766	nq	100
89) Benzo(k)fluoranthene	22.93	252	4537998	50.890	nq	100
90) Benzo(a)pyrene	23.47	252	4224501	49.787	nq	100
91) Dibenzo(a,h)anthracene	25.87	278	3715644	44.199	nq	99
92) Benzo(g,h,i)perylene	26.57	276	3435592	43.898	nq	100

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



#1

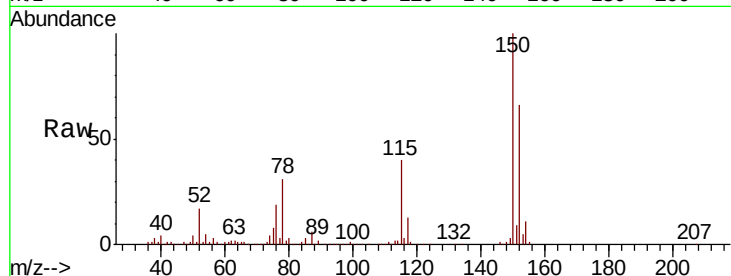
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	127.3	190.9
115	61.6	50.8	76.2

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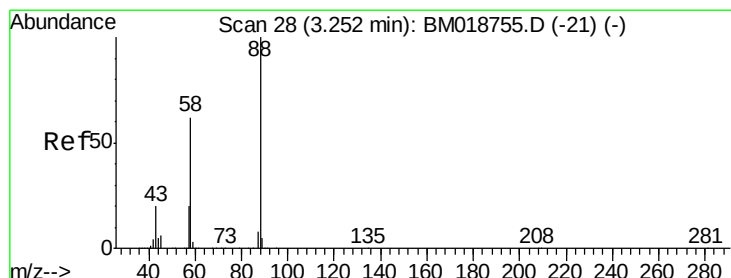
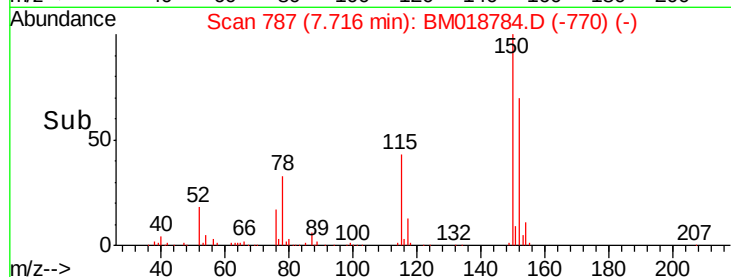
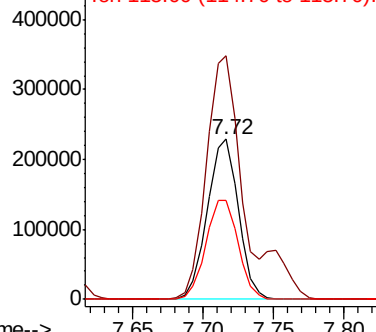


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

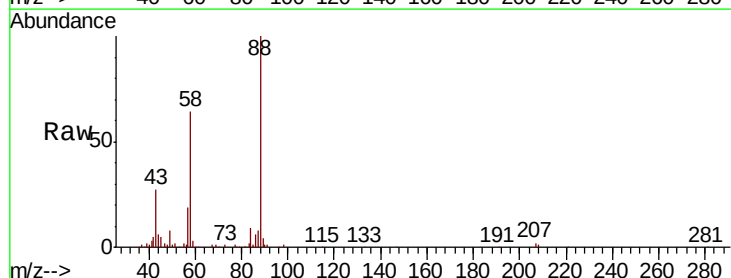
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 15.365 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	49.8	74.6
43	21.2	16.7	25.1

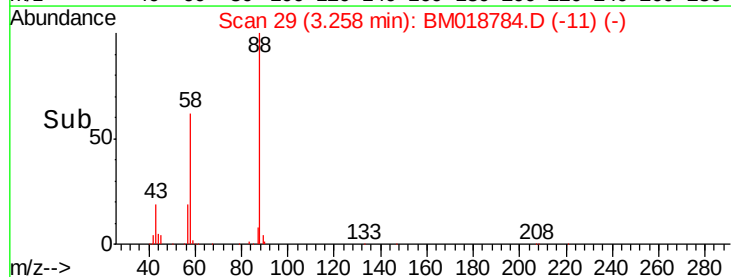
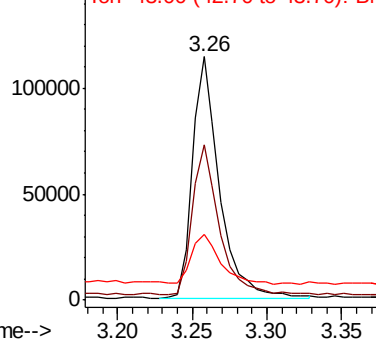


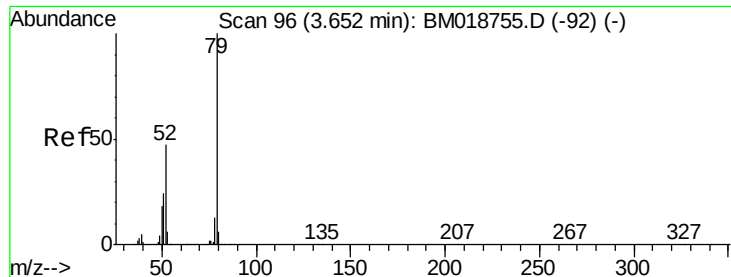
Abundance

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: 13.717 ng

RT: 3.66 min Scan# 98

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

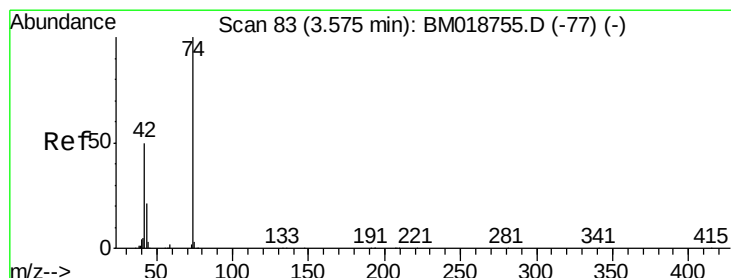
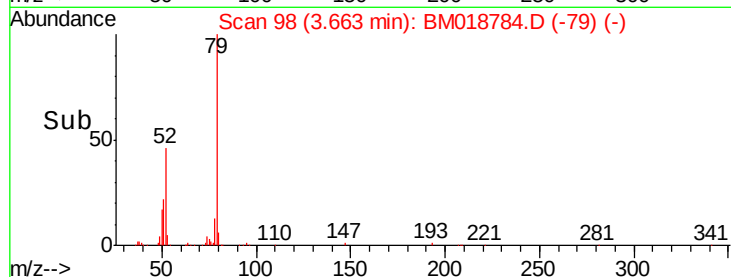
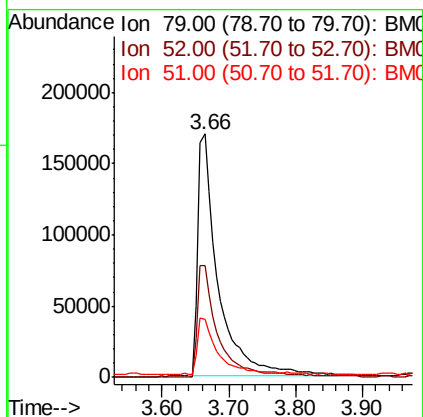
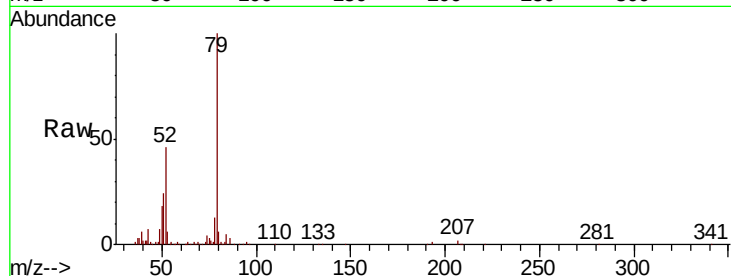
ClientSampleId :

MW-2-20190208MS

Tot Ion:	79	Resp:	350905
Ion	Ratio	Lower	Upper
79	100		
52	46.1	37.6	56.4
51	24.0	19.7	29.5

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#4

n-Nitrosodimethylamine

Concen: 20.939 ng

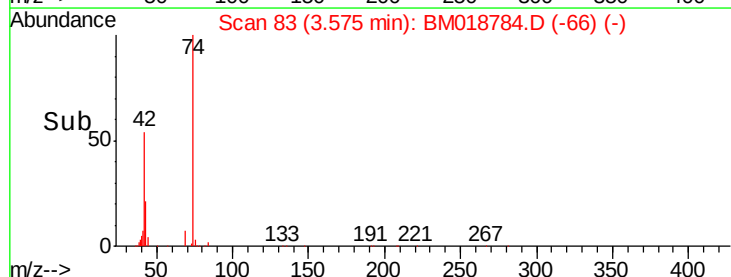
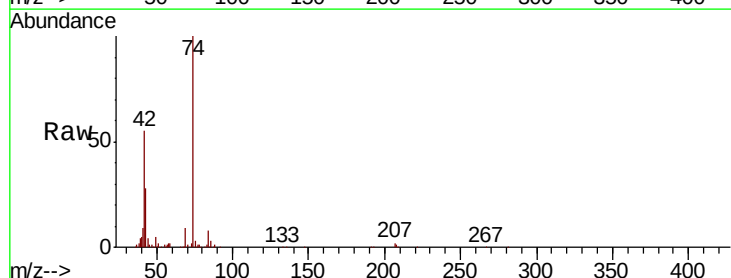
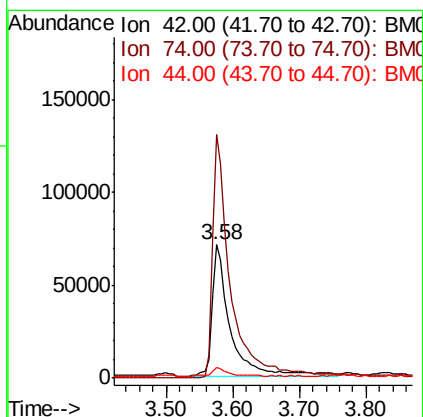
RT: 3.58 min Scan# 83

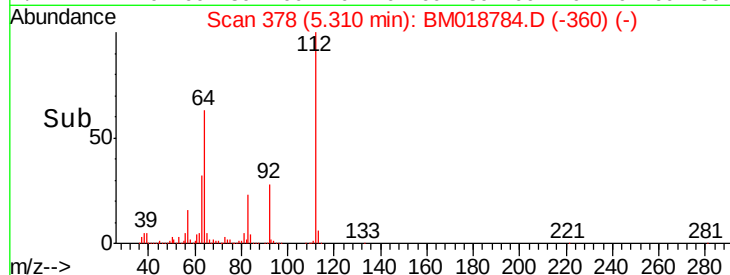
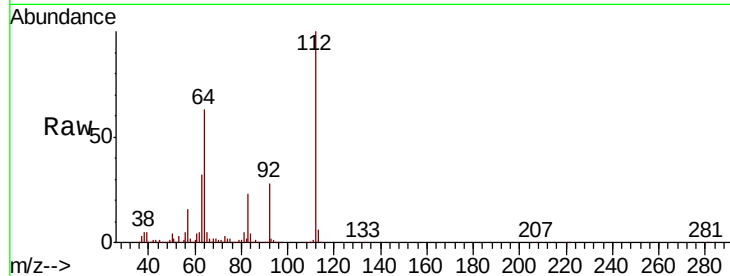
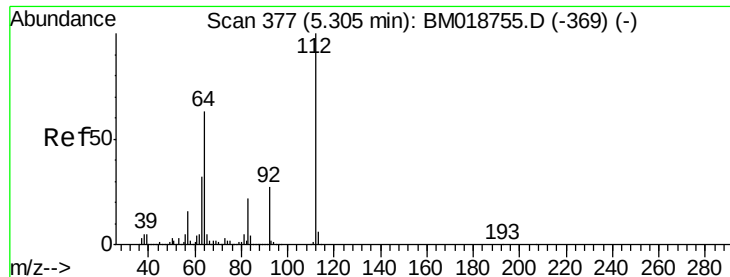
Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion:	42	Resp:	136272
Ion	Ratio	Lower	Upper
42	100		
74	183.0	158.1	237.1
44	7.9	4.9	7.3#





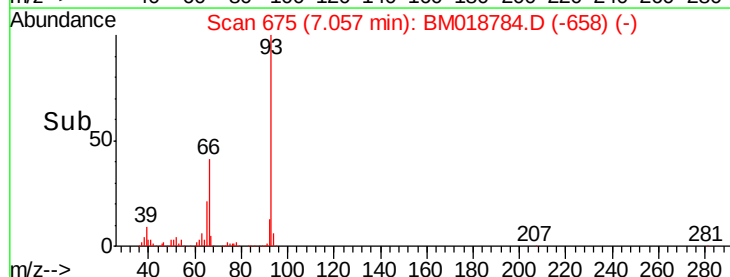
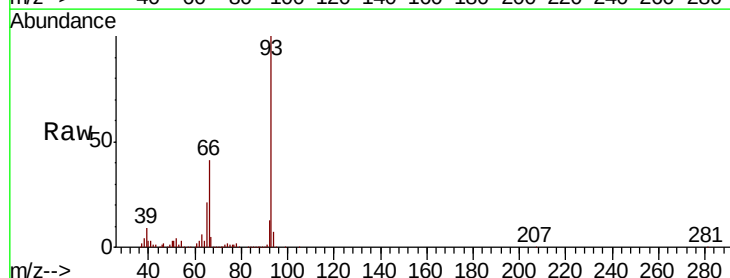
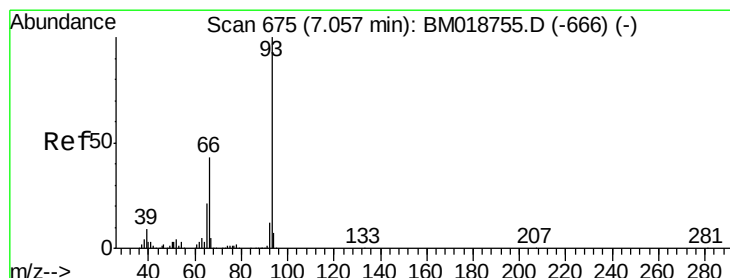
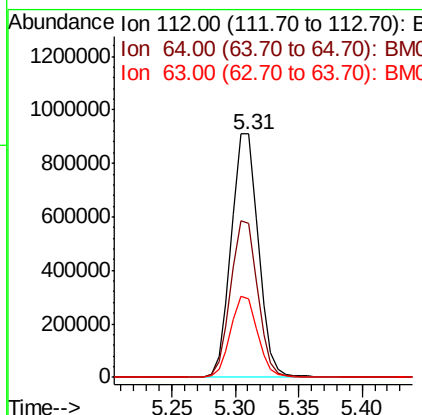
#5
2-Fluorophenol
Concen: 62.647 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.1	50.6	75.8
63	32.2	25.7	38.5

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MW-2-20190208MS

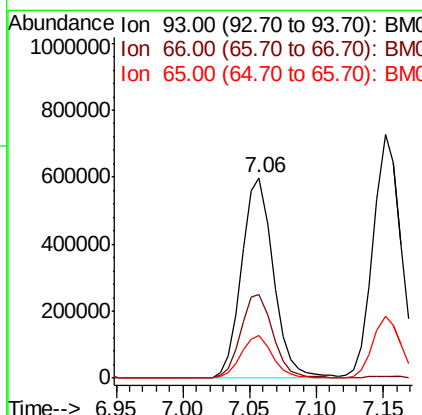
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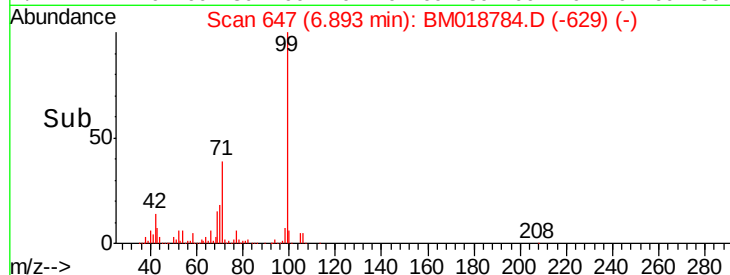
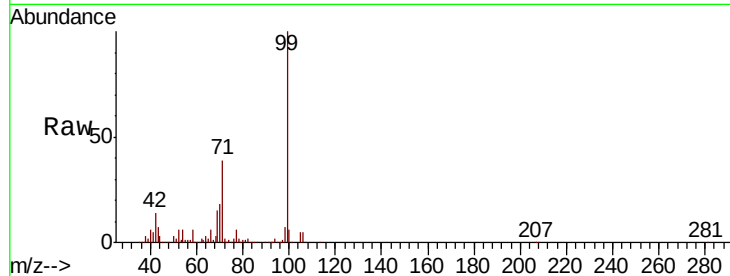
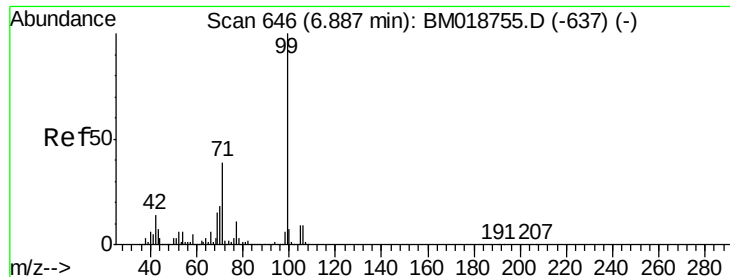
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#6
Aniline
Concen: 26.558 ng
RT: 7.06 min Scan# 675
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.4	34.1	51.1
65	21.3	16.6	24.8





#7

Phenol-d6

Concen: 39.750 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tot Ion:	99	Resp:	1205832
Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	38.8	31.3	46.9

Instrument :

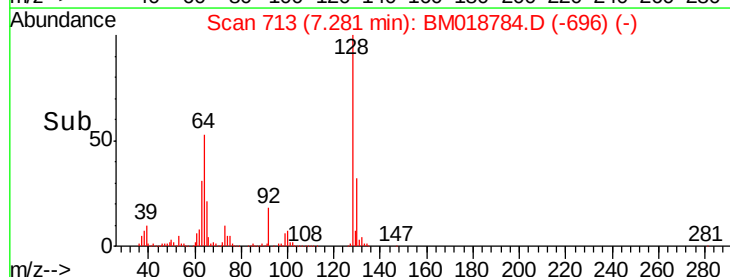
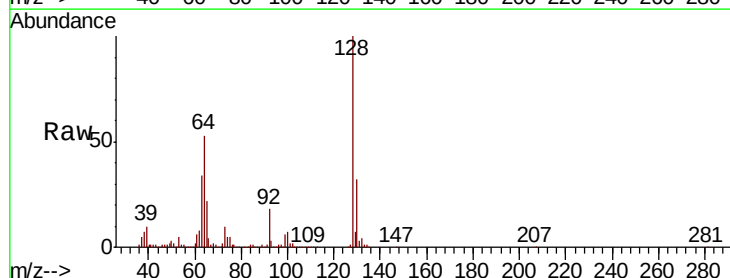
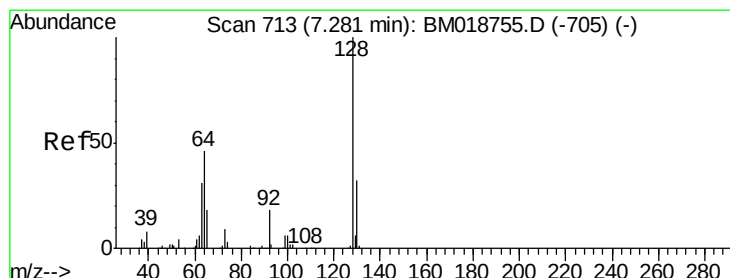
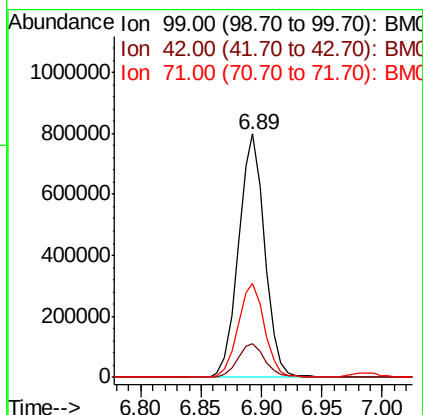
BNA_M

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#8

2-Chlorophenol

Concen: 36.287 ng

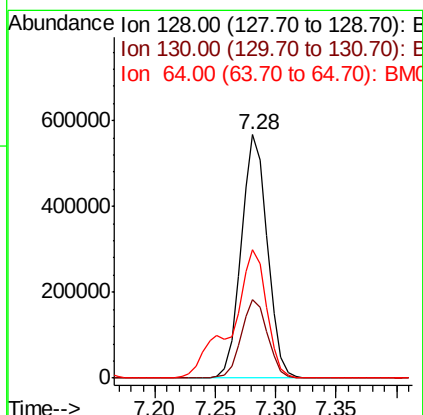
RT: 7.28 min Scan# 713

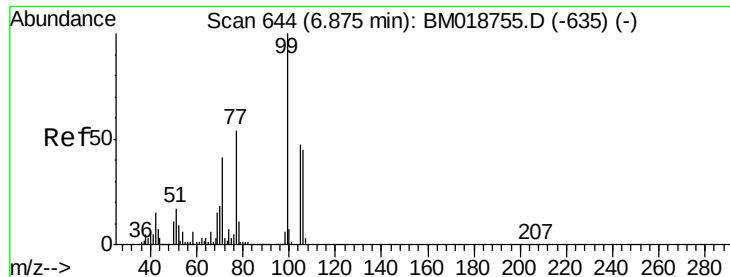
Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion:	128	Resp:	857887
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.7	51.7
64	52.8	31.0	71.0





#9

Benzaldehyde

Concen: 29.177 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

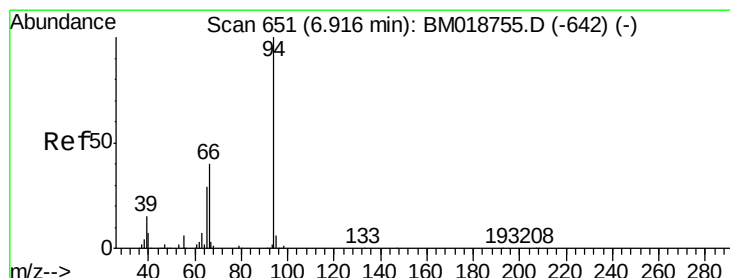
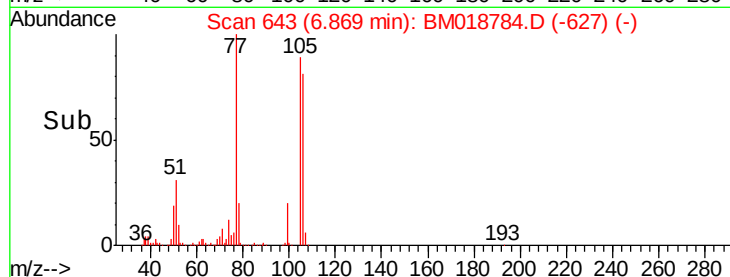
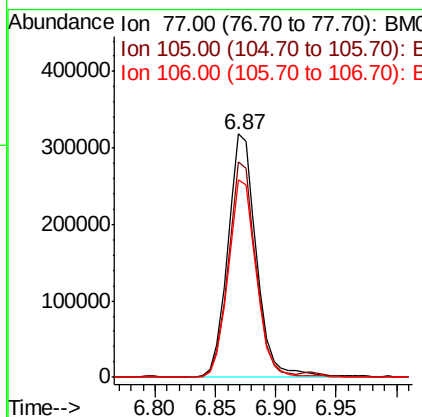
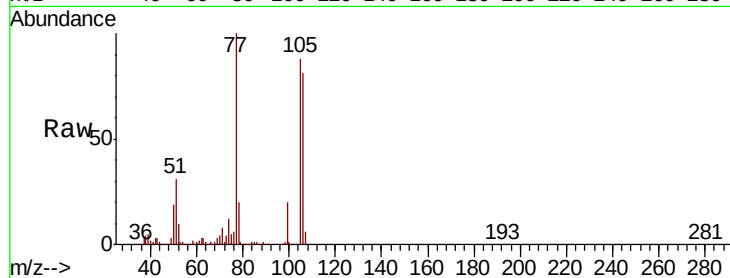
ClientSampleId :

MW-2-20190208MS

Tot Ion:	77	Resp:	521407
Ion Ratio	Lower	Upper	
77	100		
105	88.5	67.3	107.3
106	81.3	62.9	102.9

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#10

Phenol

Concen: 19.301 ng

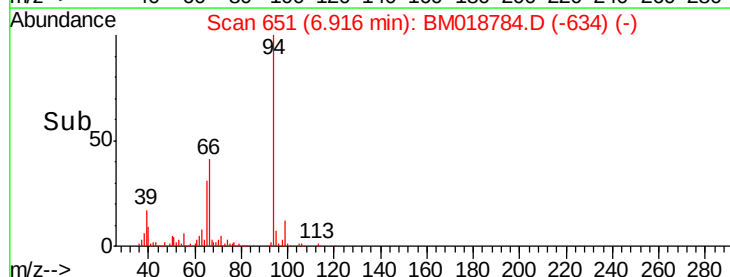
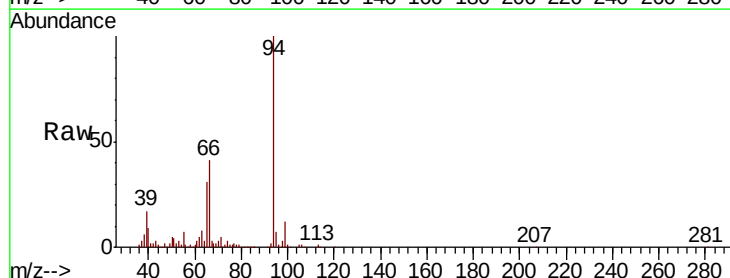
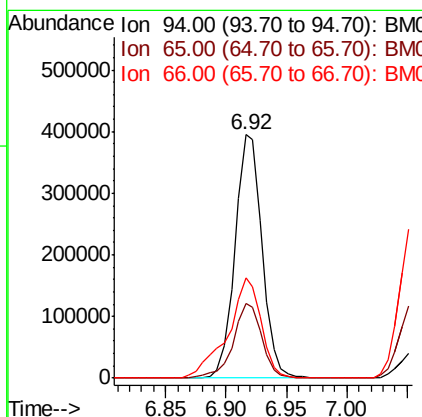
RT: 6.92 min Scan# 651

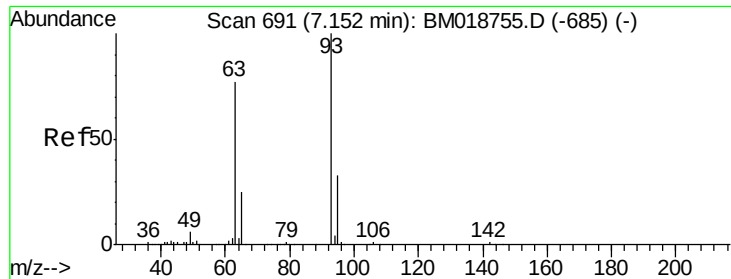
Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion:	94	Resp:	616055
Ion Ratio	Lower	Upper	
94	100		
65	30.8	9.6	49.6
66	41.3	20.4	60.4





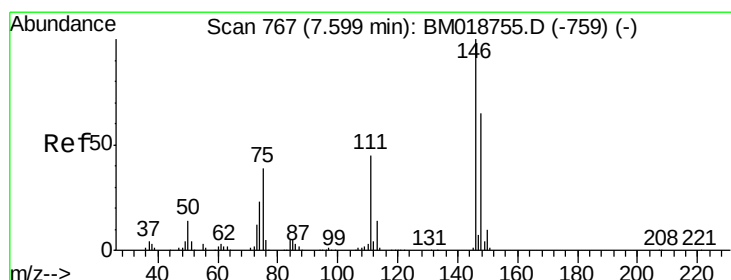
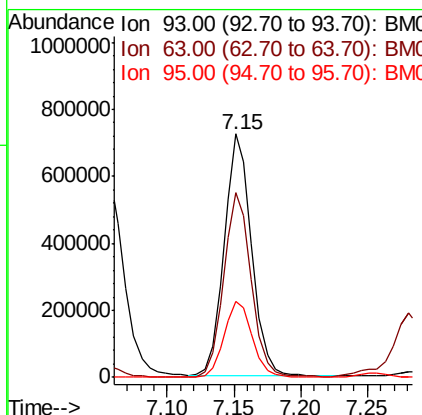
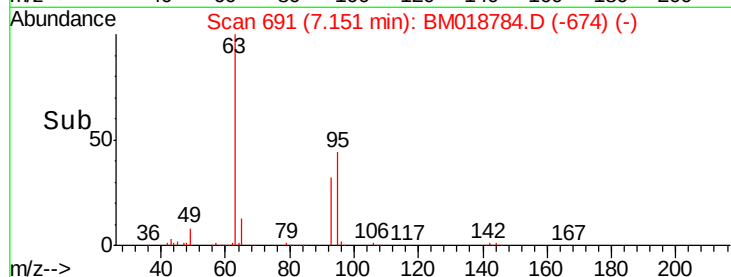
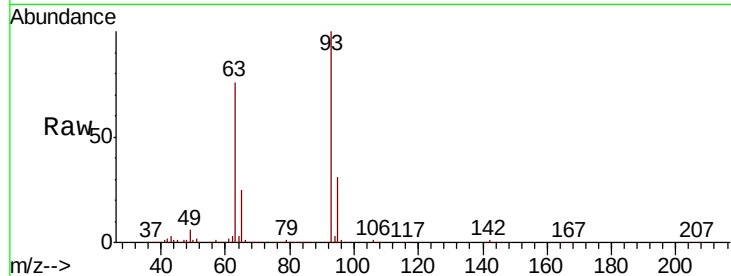
#11
bis(2-Chloroethyl)ether
Concen: 42.579 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	57.0	97.0
95	31.4	12.4	52.4

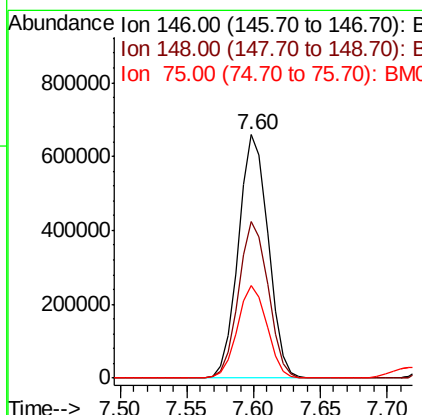
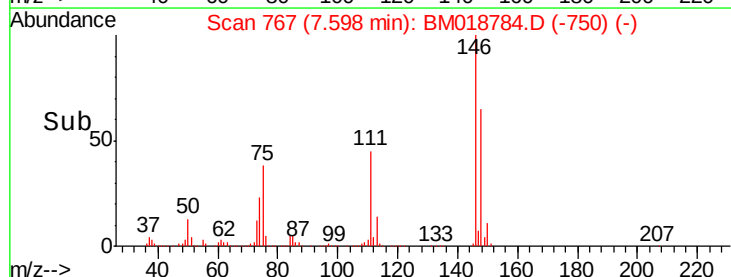
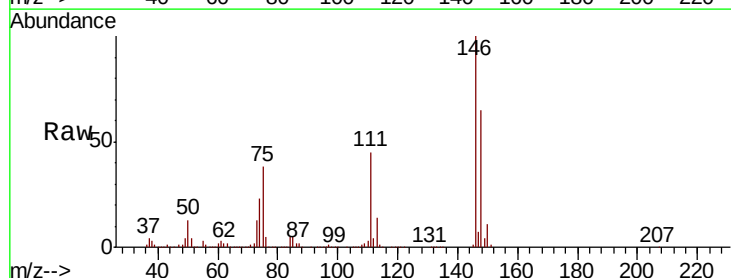
Manual Integrations
APPROVED

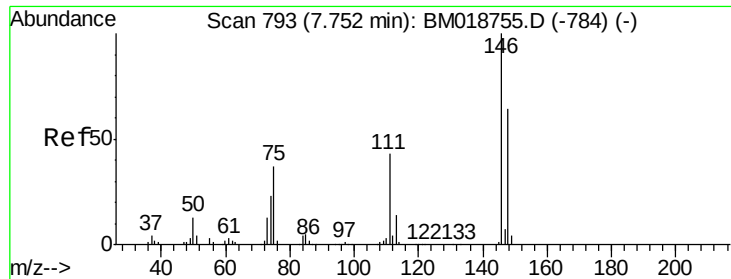
Sohil
2/13/2019 12:20:48 PM



#12
1,3-Dichlorobenzene
Concen: 38.234 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	38.1	31.3	46.9





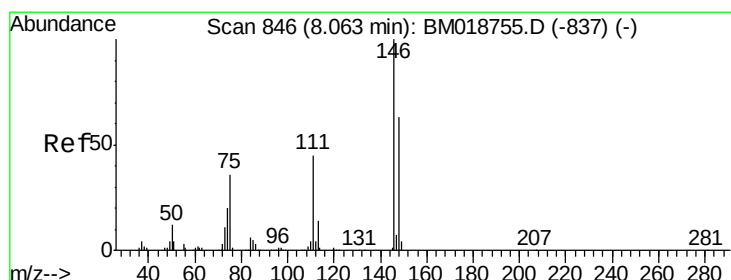
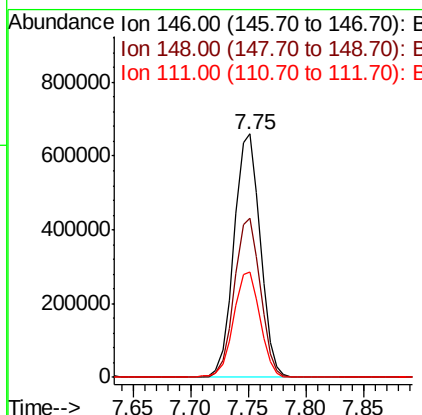
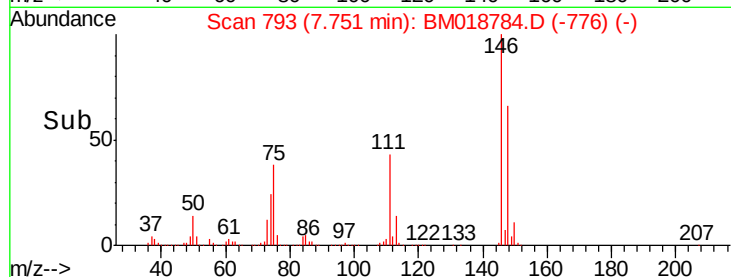
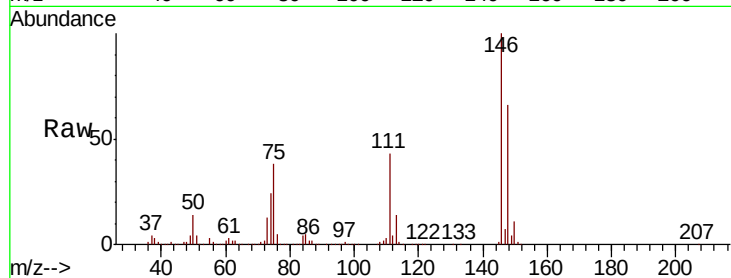
#13
1,4-Dichlorobenzene
Concen: 38.354 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion:146 Resp: 1037987
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.2
111 43.4 34.6 52.0

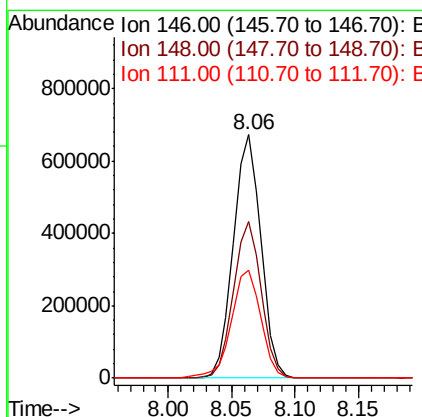
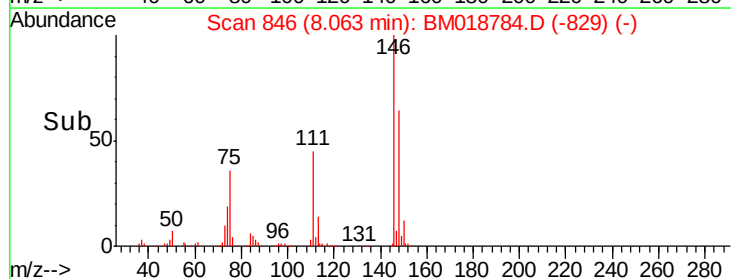
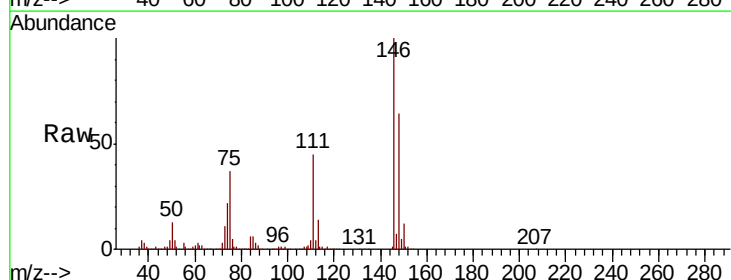
Manual Integrations
APPROVED

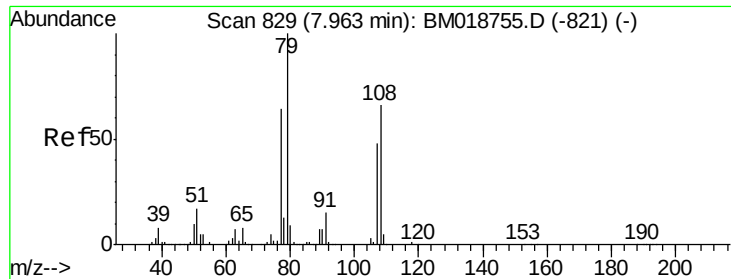
Sohil
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#14
1,2-Dichlorobenzene
Concen: 38.839 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:146 Resp: 1009673
Ion Ratio Lower Upper
146 100
148 64.2 50.7 76.1
111 44.6 35.9 53.9





#15

Benzyl Alcohol

Concen: 27.849 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

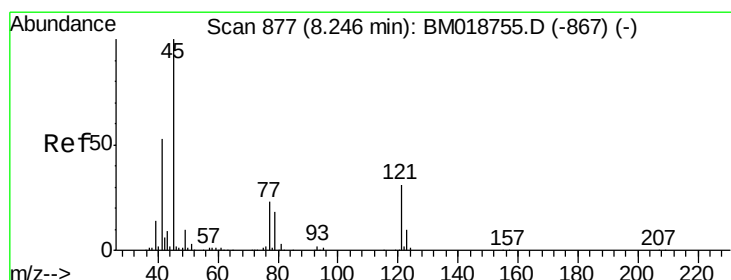
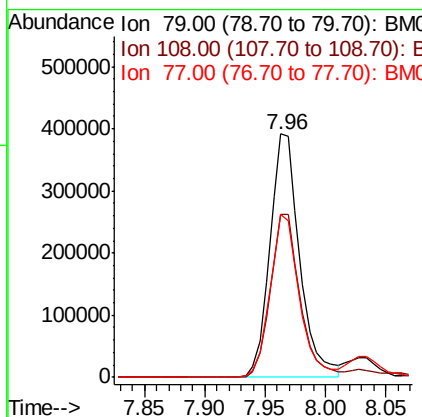
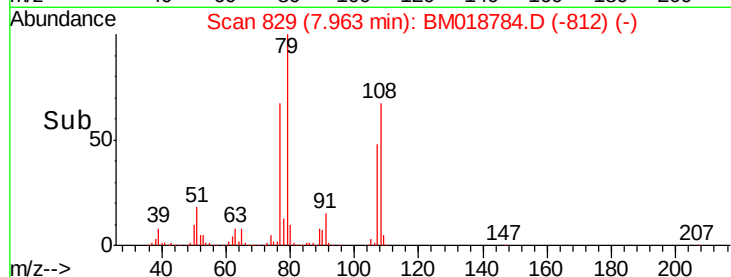
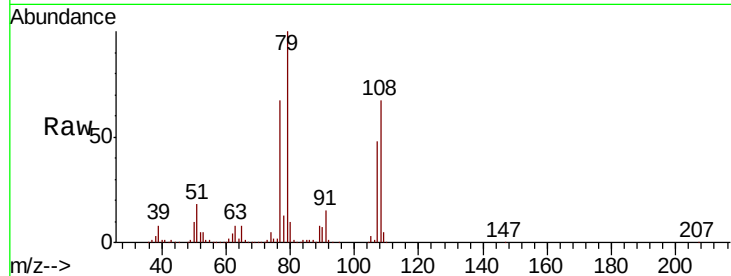
ClientSampleId :

MW-2-20190208MS

Tot Ion:	79	Resp:	671277
Ion Ratio	Lower	Upper	
79	100		
108	66.9	52.7	79.1
77	67.1	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.390 ng

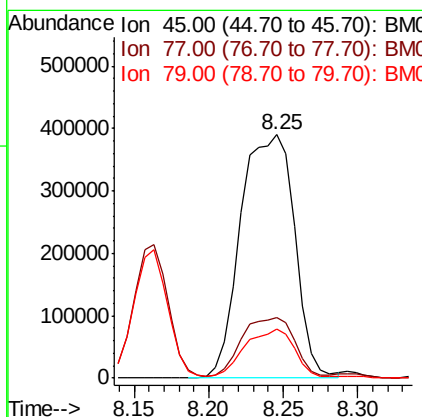
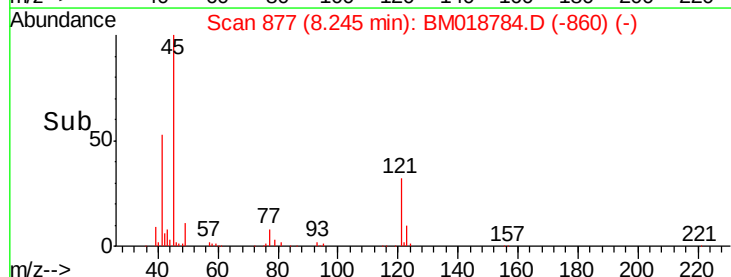
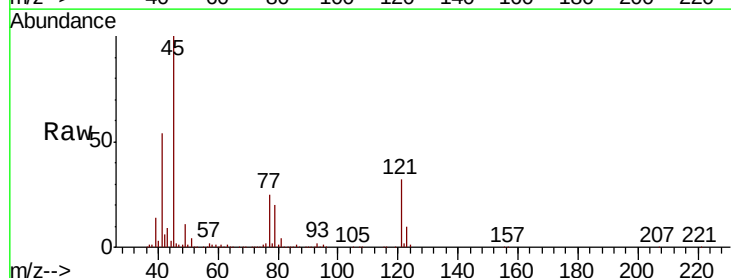
RT: 8.25 min Scan# 877

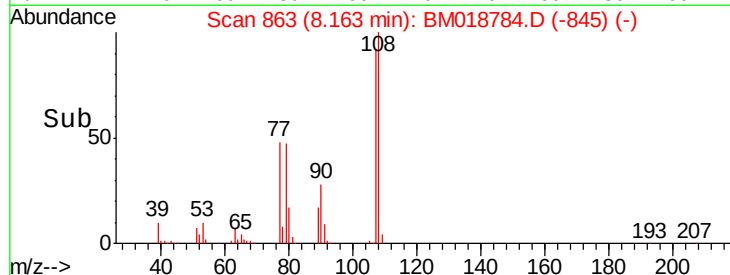
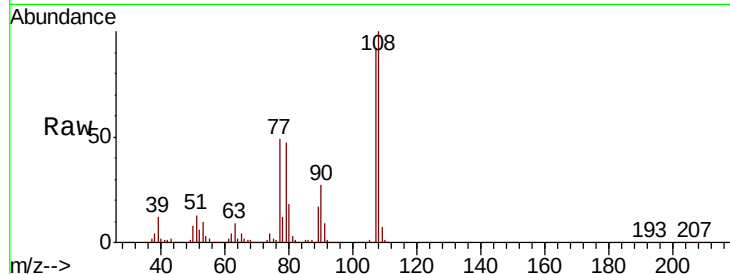
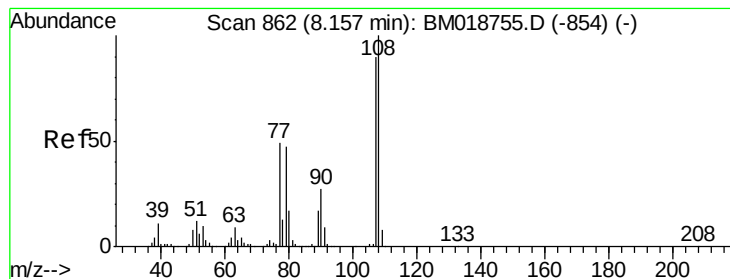
Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion:	45	Resp:	975366
Ion Ratio	Lower	Upper	
45	100		
77	24.8	5.0	45.0
79	19.9	0.0	39.3





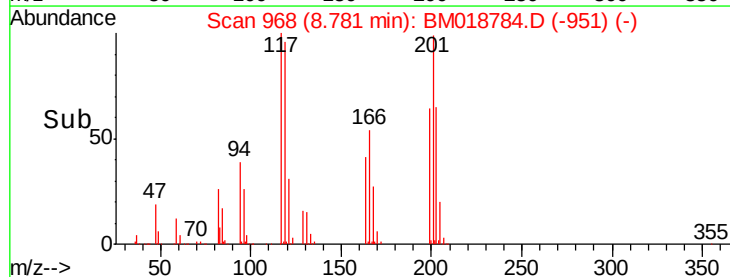
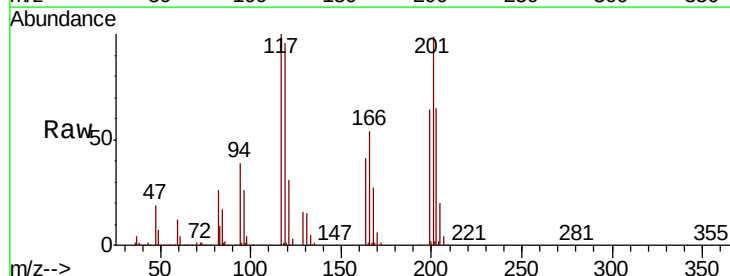
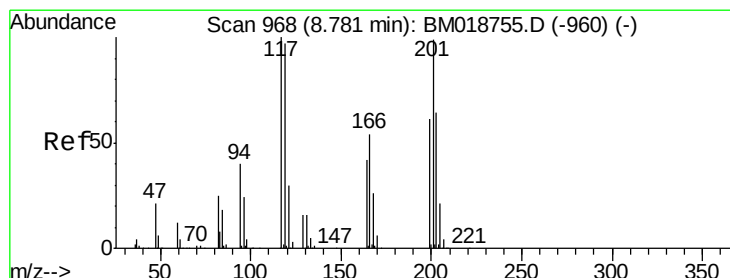
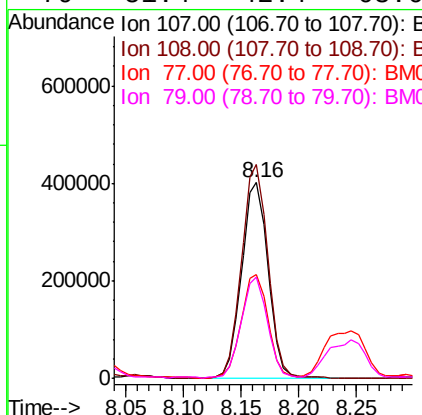
#17
2-Methylphenol
Concen: 31.461 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tot Ion	Ratio	Resp	Lower	Upper
107	100	639126		
108	109.2	88.8	133.2	
77	53.1	44.0	66.0	
79	51.4	42.4	63.6	

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

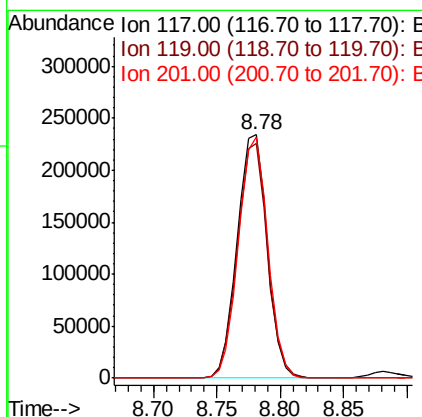
Manual Integrations
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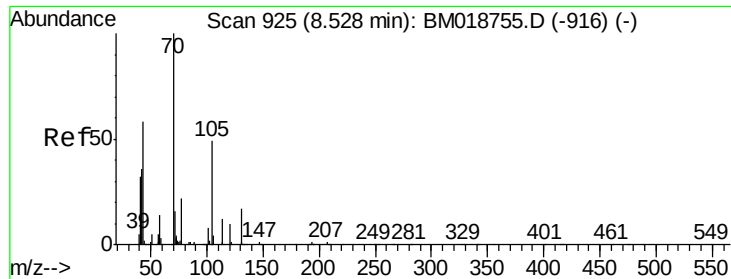
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#18
Hexachloroethane
Concen: 38.891 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	384221		
119	96.3	77.9	116.9	
201	99.0	79.2	118.8	





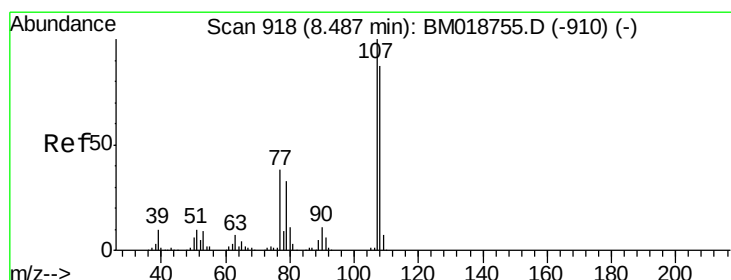
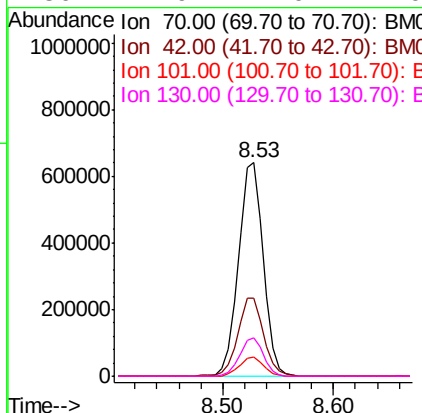
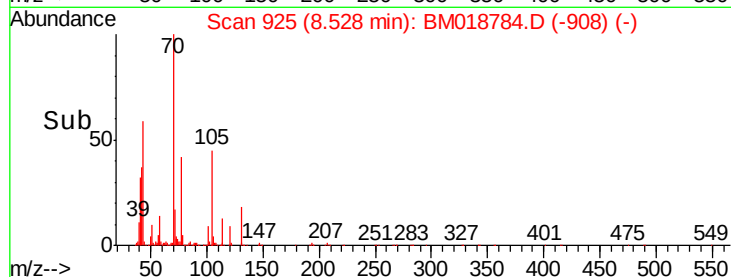
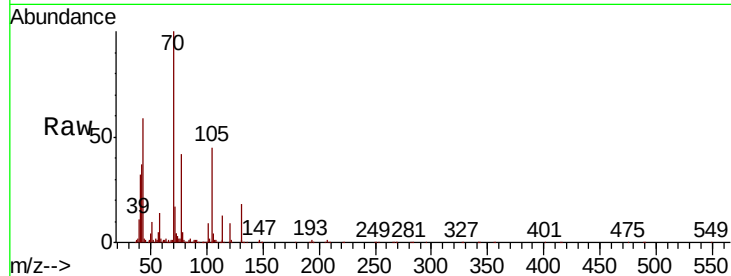
#19
n-Nitroso-di-n-propylamine
Concen: 42.965 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	36.7	29.4	44.0	
101	8.8	6.7	10.1	
130	17.9	14.0	21.0	

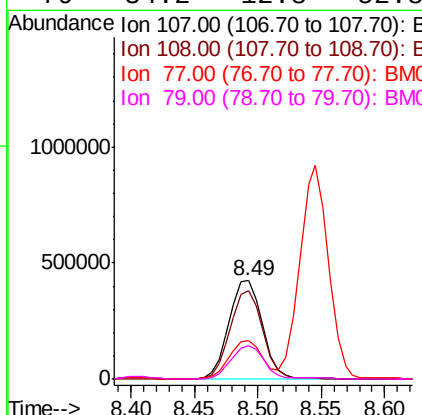
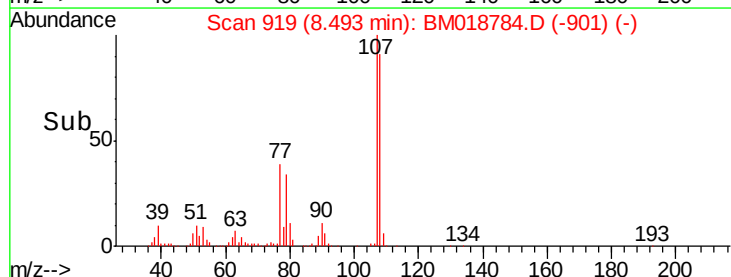
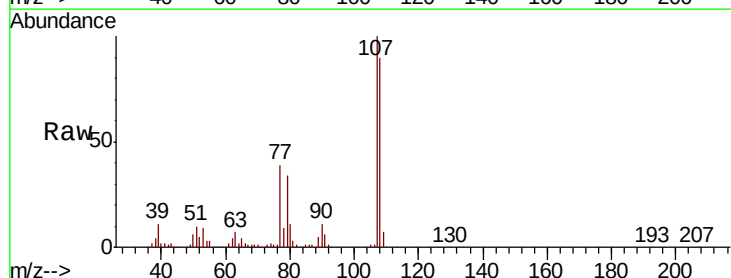
Manual Integrations
APPROVED

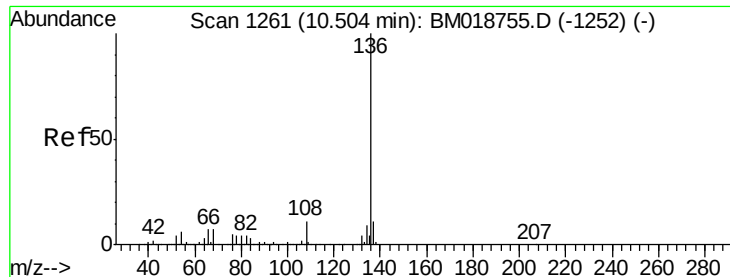
Sohil
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#20
3+4-Methylphenols
Concen: 27.723 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	67.3	107.3	
77	39.1	18.0	58.0	
79	34.2	12.8	52.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

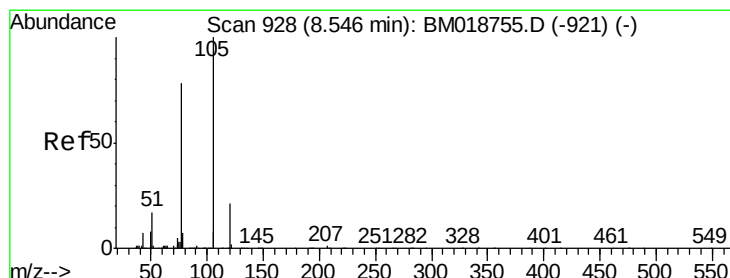
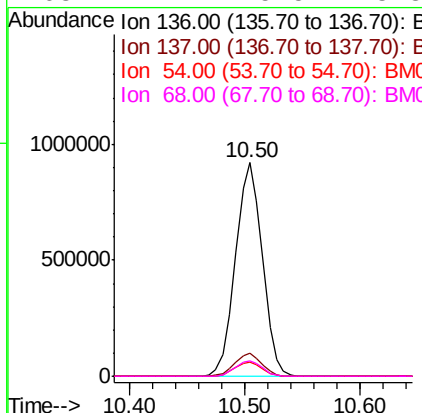
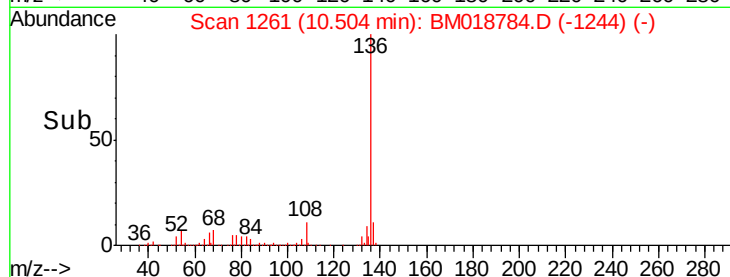
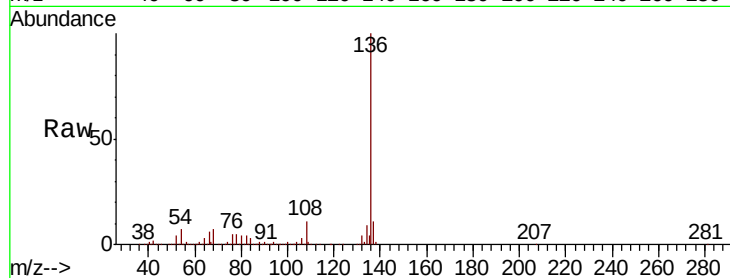
ClientSampleId :

MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.0	7.6
68	7.2	5.5	8.3

Manual Integrations
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#22

Acetophenone

Concen: 40.962 ng

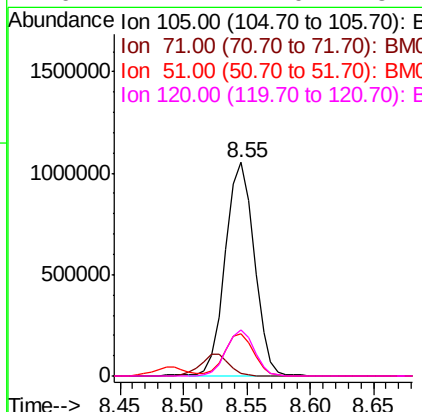
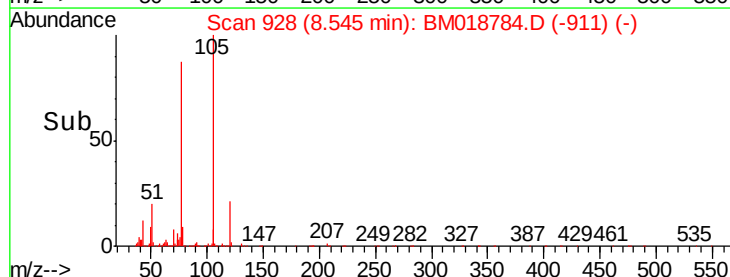
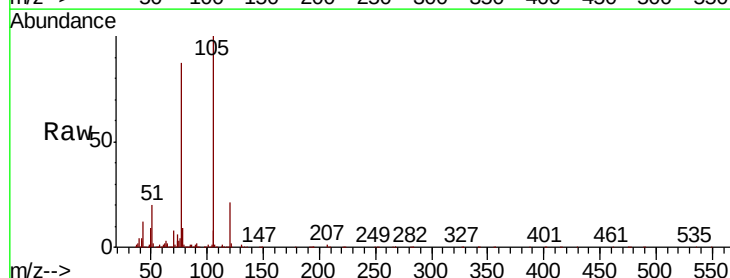
RT: 8.55 min Scan# 928

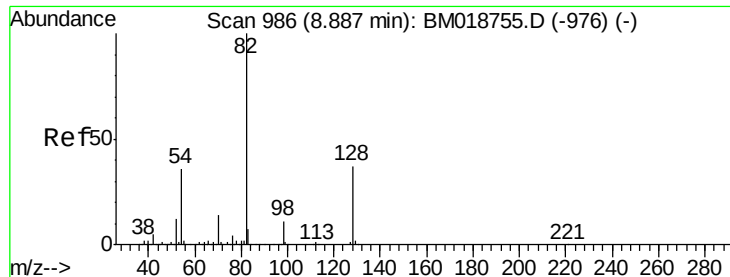
Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.1	1.7
51	19.7	15.5	23.3
120	21.4	17.0	25.4





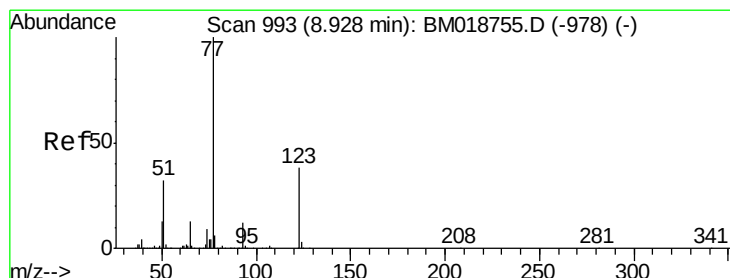
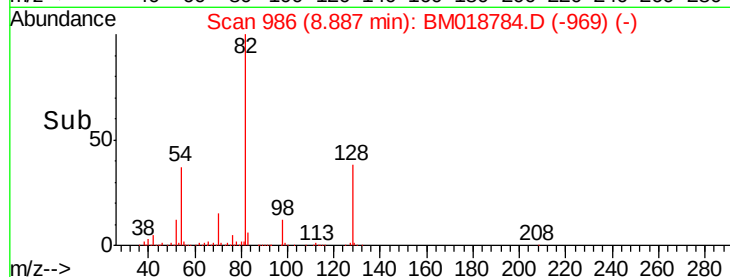
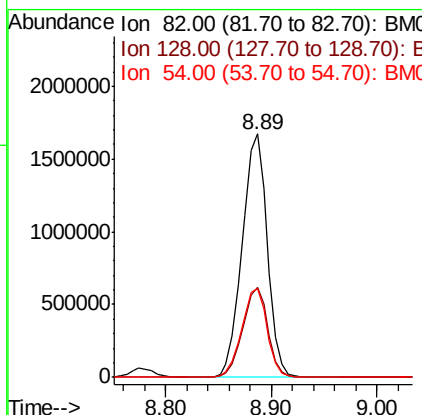
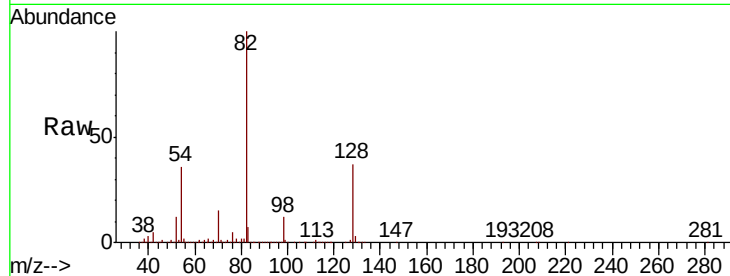
#23
 Nitrobenzene-d5
 Concen: 86.436 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.9	44.9
54	36.2	29.1	43.7

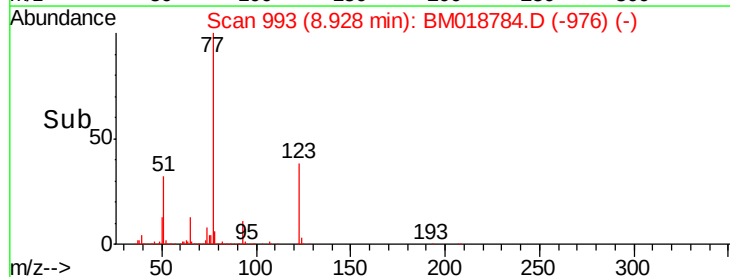
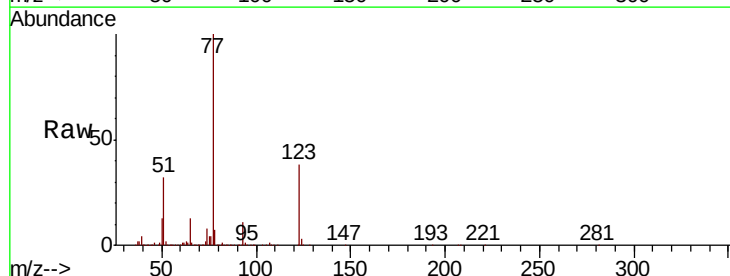
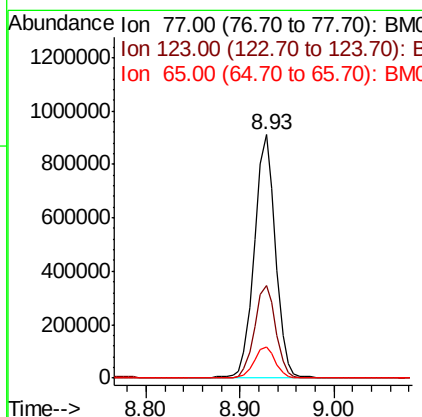
Manual Integrations
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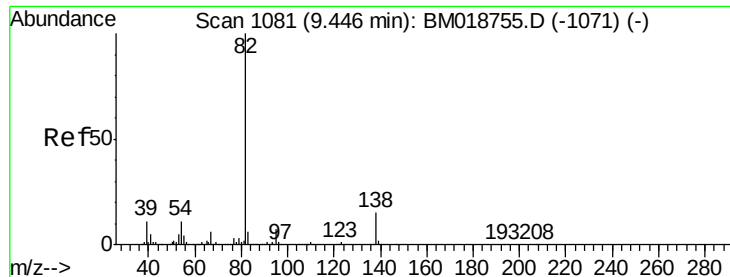
Sohil
 2/13/2019 12:20:48 PM



#24
 Nitrobenzene
 Concen: 42.470 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	30.7	46.1
65	13.0	10.5	15.7





#25

Isophorone

Concen: 50.225 ng

RT: 9.45 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

Tot Ion: 82 Resp: 2560813

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

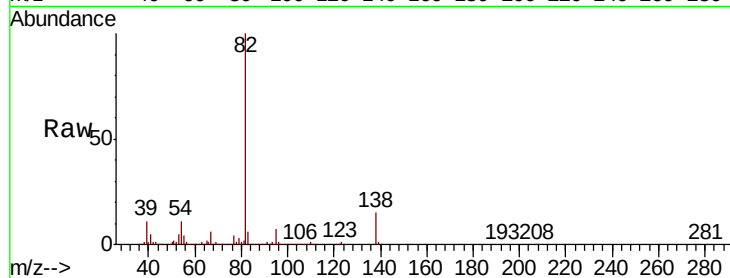
138 15.3 12.3 18.5

Manual Integrations

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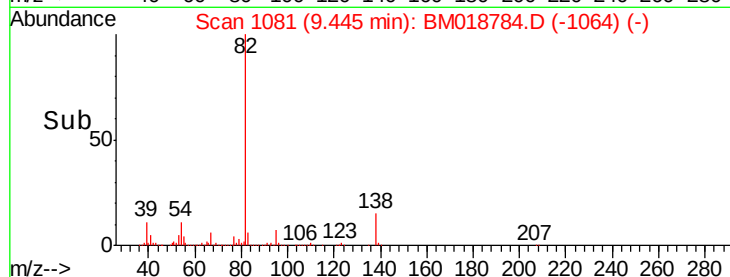


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

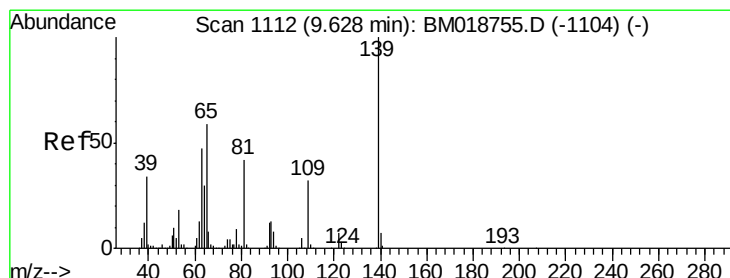
Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

Time-->



Time-->



#26

2-Nitrophenol

Concen: 42.388 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

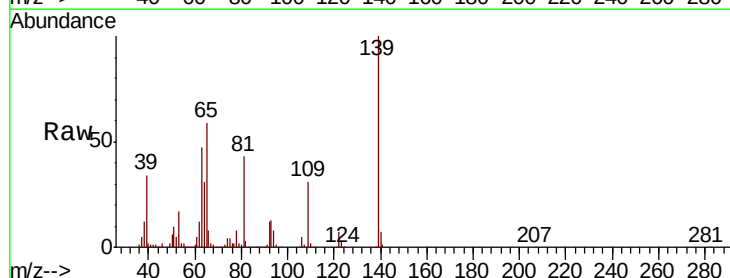
Tgt Ion: 139 Resp: 559907

Ion Ratio Lower Upper

139 100

109 31.1 25.2 37.8

65 59.0 47.0 70.4

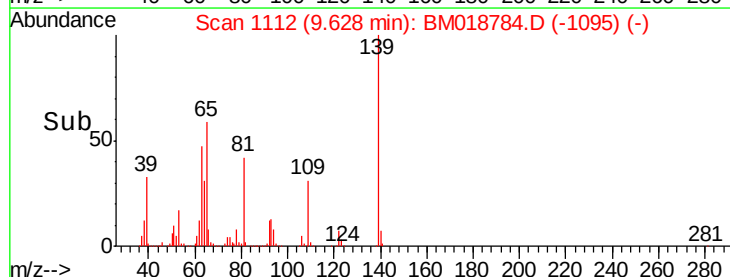


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

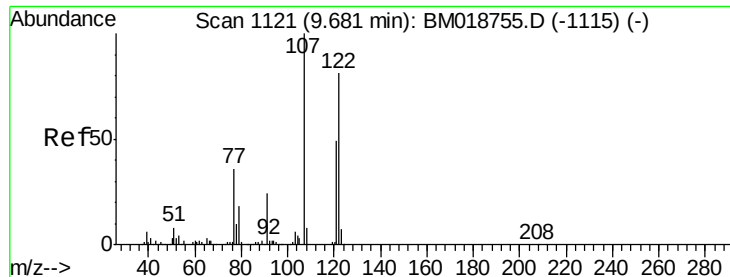
Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)

Time-->



Time-->



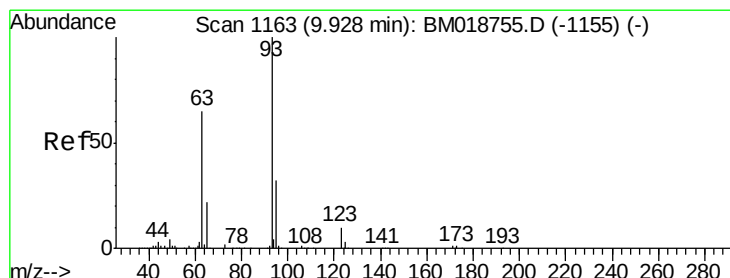
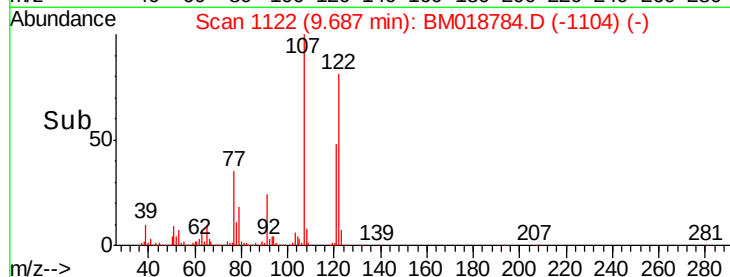
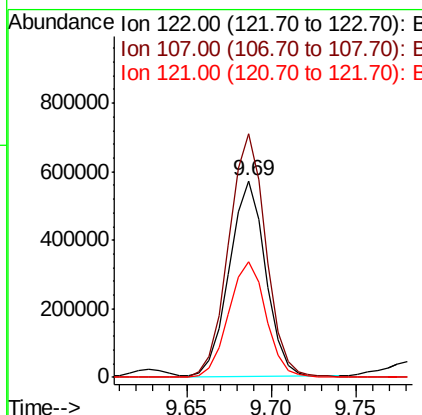
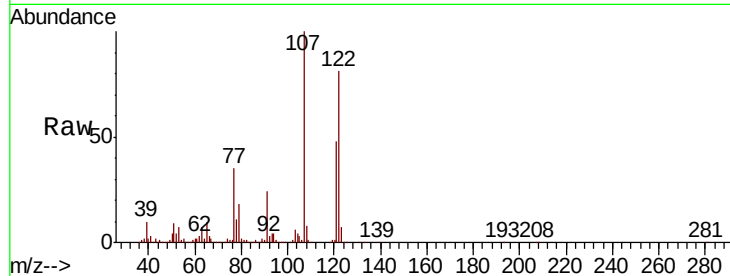
#27
2,4-Dimethylphenol
Concen: 44.212 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	97.6	146.4
121	59.1	47.9	71.9

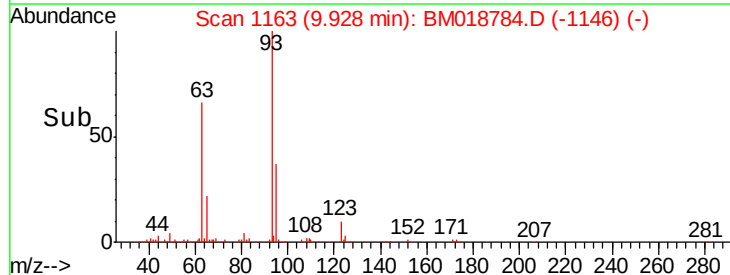
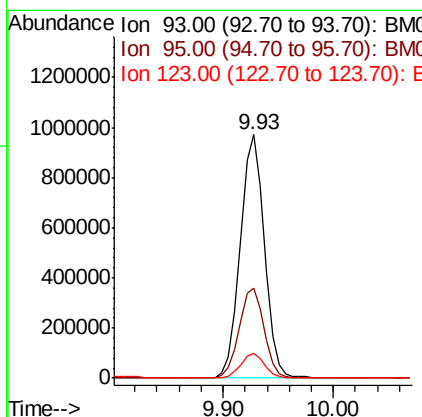
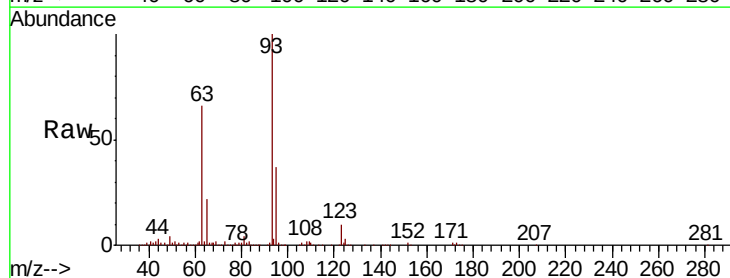
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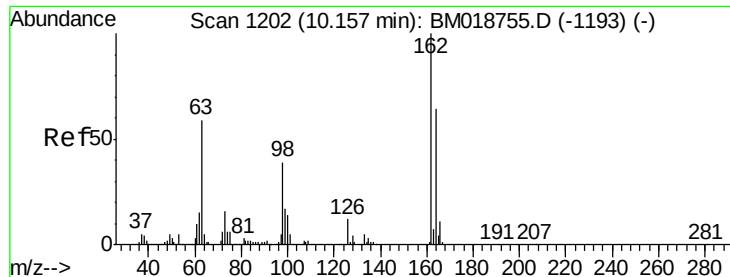
Sohil
2/13/2019 12:20:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.375 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.9	25.6	38.4
123	10.1	8.2	12.4





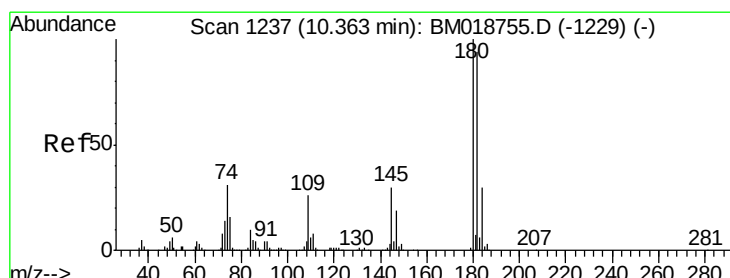
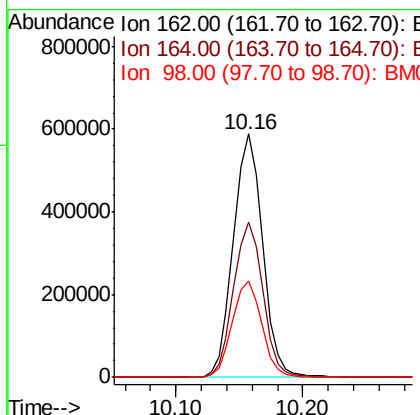
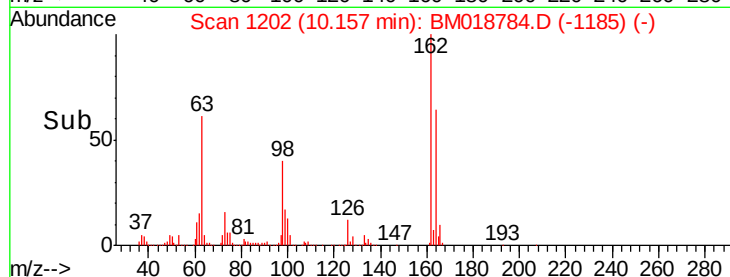
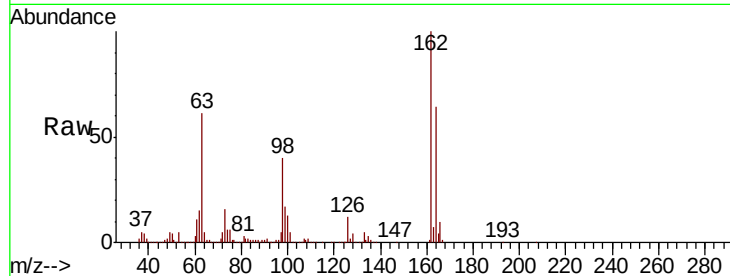
#29
2,4-Dichlorophenol
Concen: 42.506 ng
RT: 10.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.6	44.1	84.1	
98	39.6	19.4	59.4	

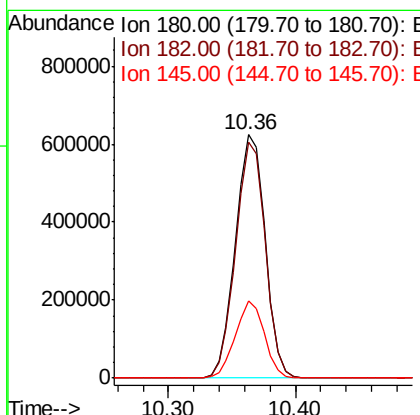
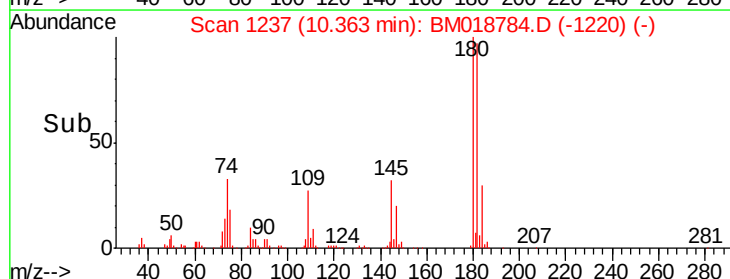
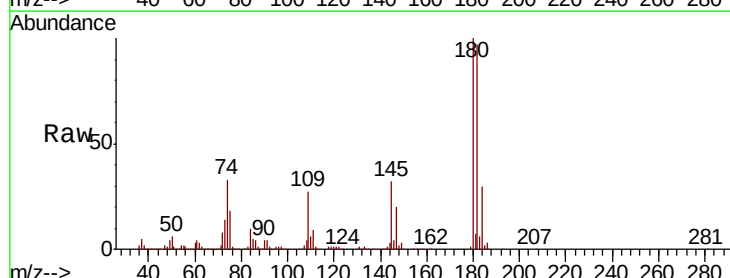
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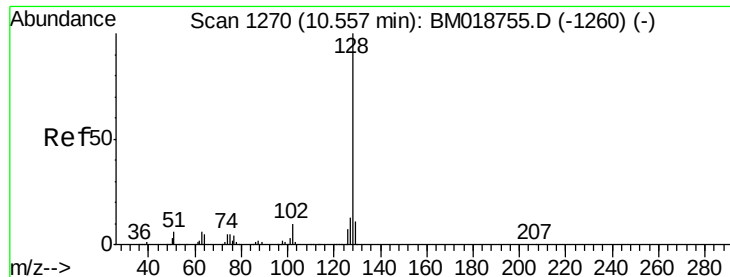
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.743 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.1	75.0	112.6	
145	31.5	24.1	36.1	





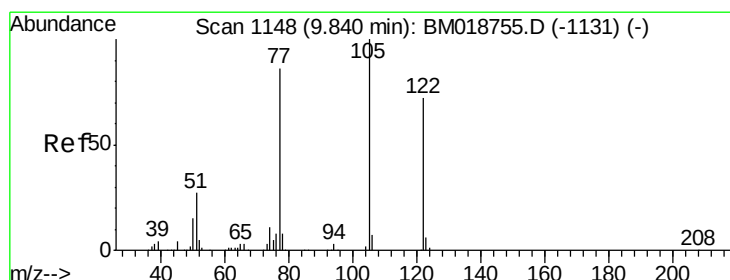
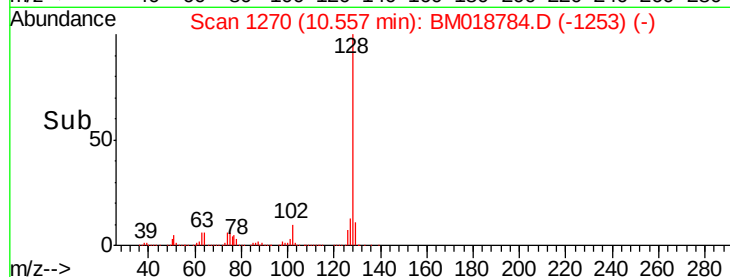
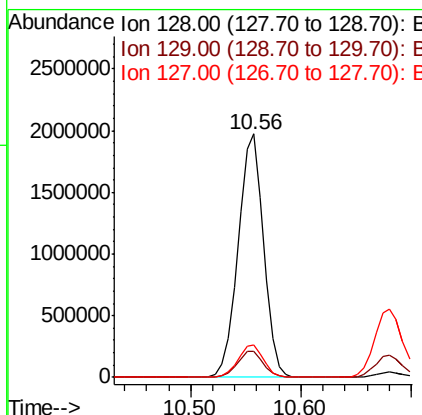
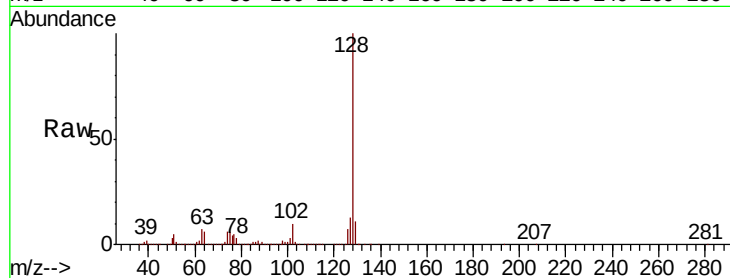
#31
Naphthalene
Concen: 44.191 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.4	10.7	16.1

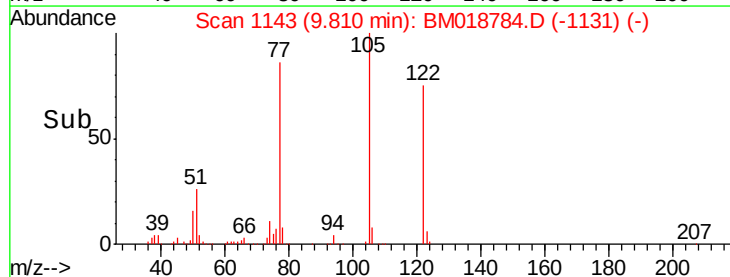
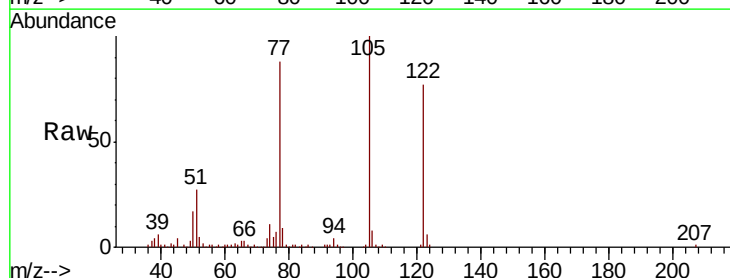
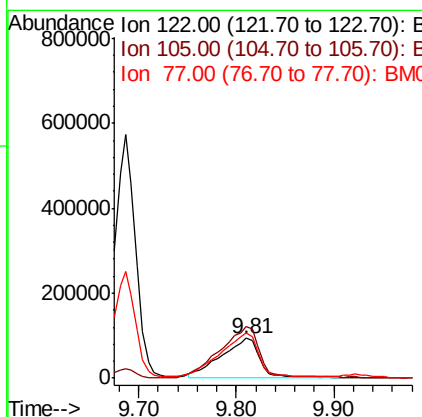
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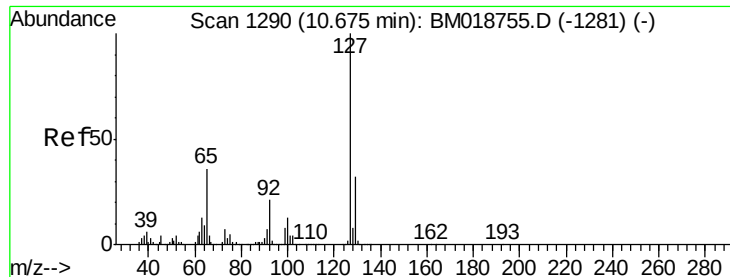
Sohil
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#32
Benzoic acid
Concen: 14.648 ng
RT: 9.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.2	117.5	157.5
77	114.2	98.5	138.5





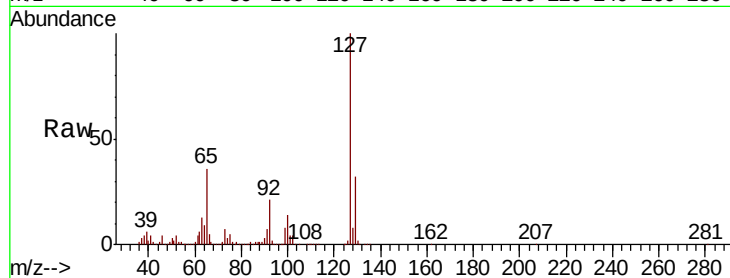
#33
4-Chloroaniline
Concen: 30.636 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.7	38.5		
65	35.6	28.7	43.1		
92	21.1	17.0	25.4		

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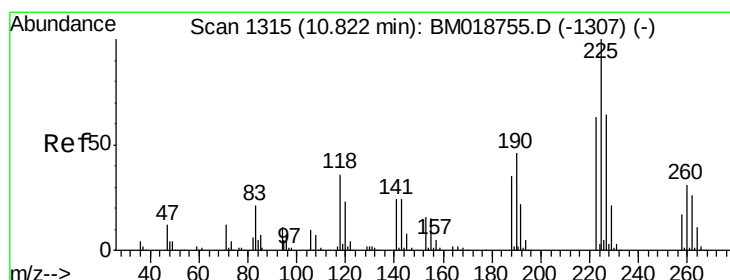
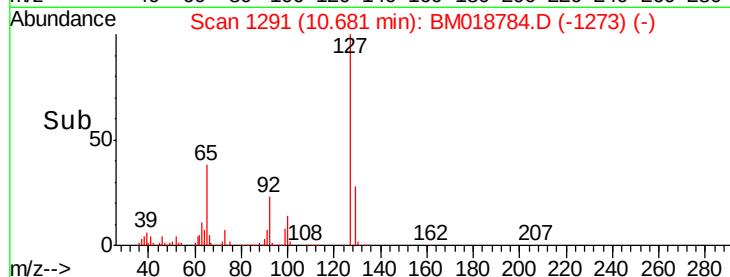
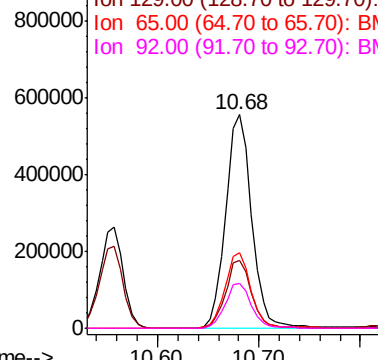
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 37.721 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

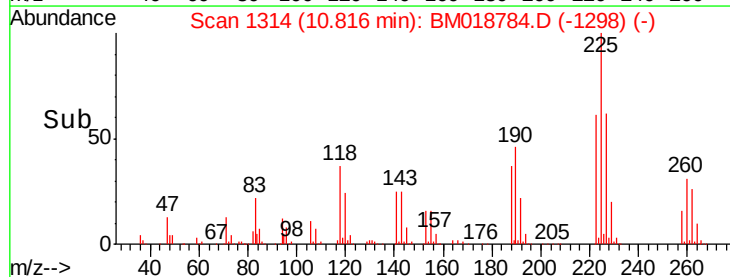
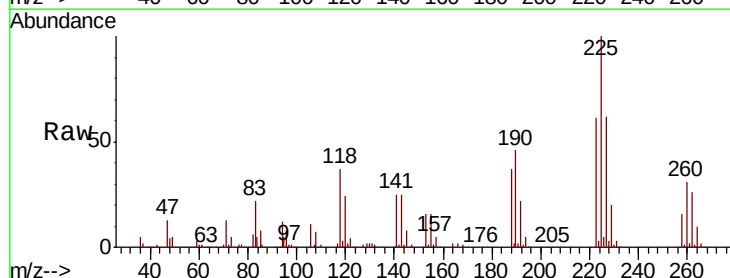
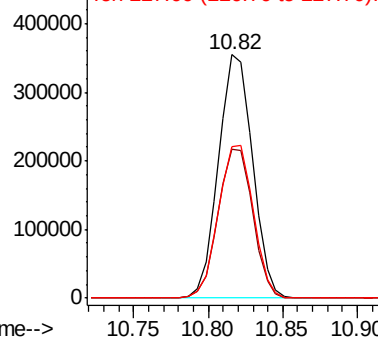
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	50.1	75.1		
227	62.3	51.4	77.0		

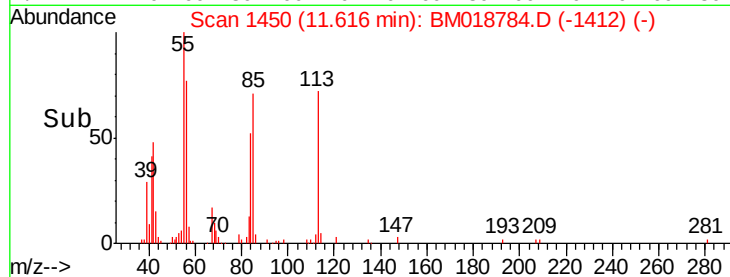
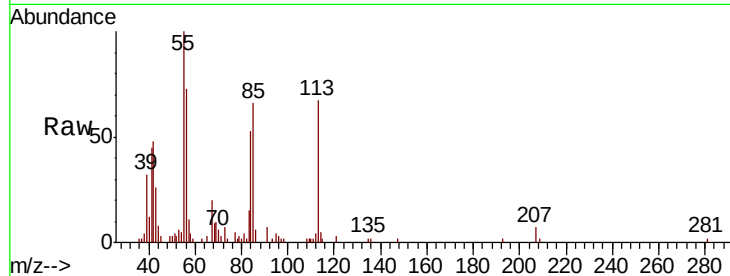
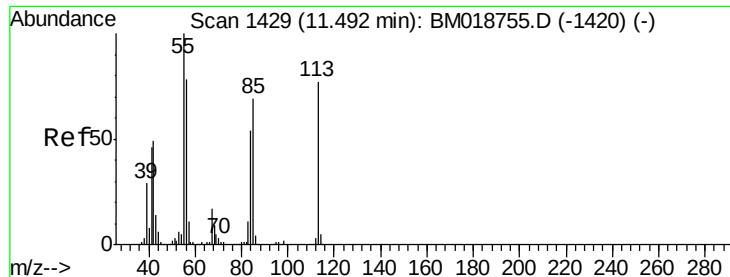
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





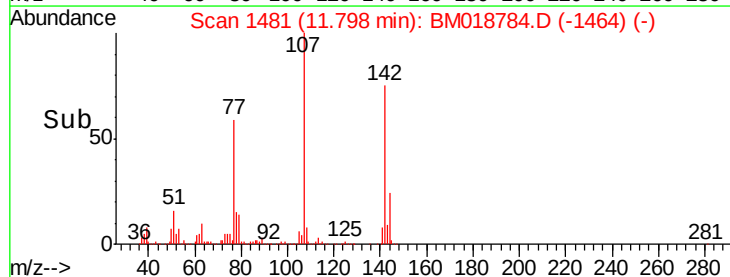
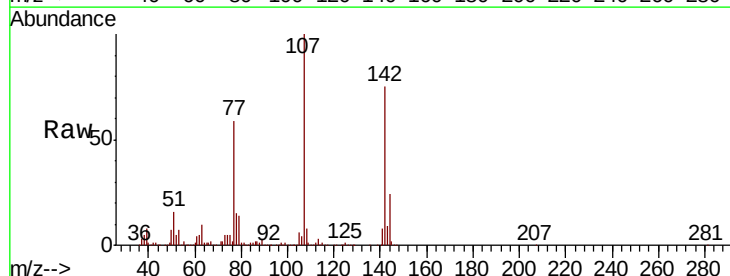
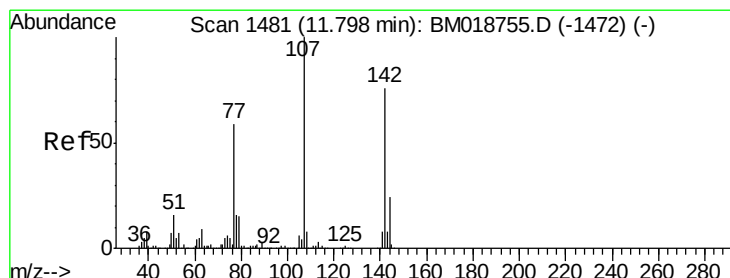
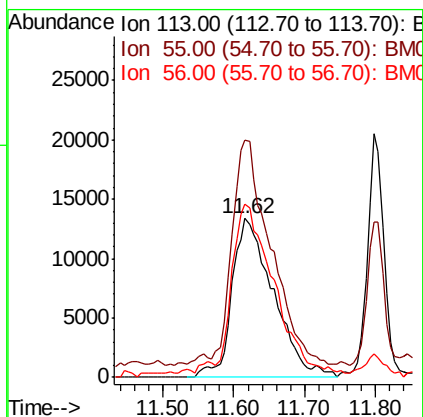
#35
Caprolactam
Concen: 5.973 ng/ml
RT: 11.62 min Scan# 1450
Delta R.T. 0.12 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	149.8		110.7	150.7	
56	109.1		82.4	122.4	

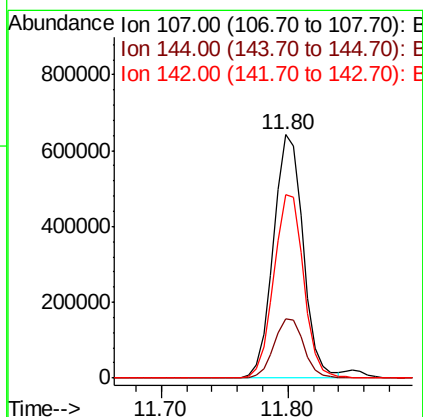
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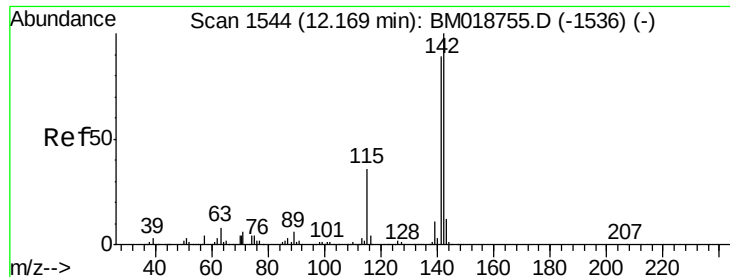
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 39.173 ng
RT: 11.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.3		19.3	28.9	
142	75.1		60.5	90.7	





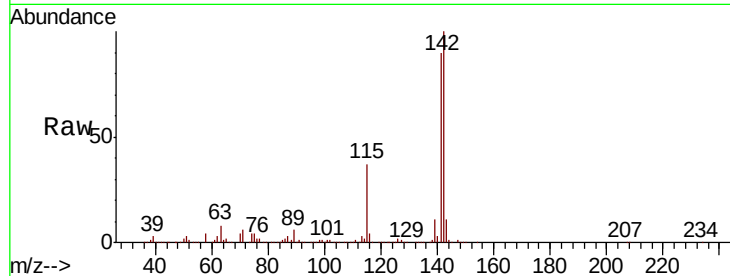
#37
2-Methylnaphthalene
Concen: 47.298 ng
RT: 12.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8
115	36.6	29.1	43.7

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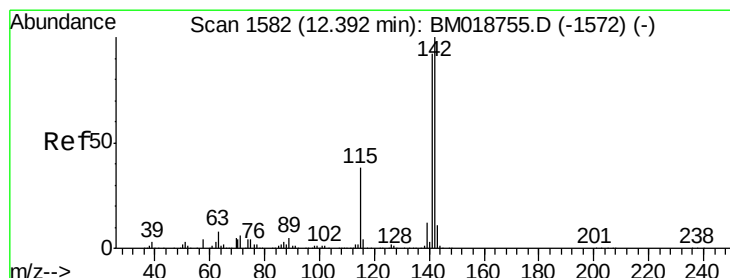
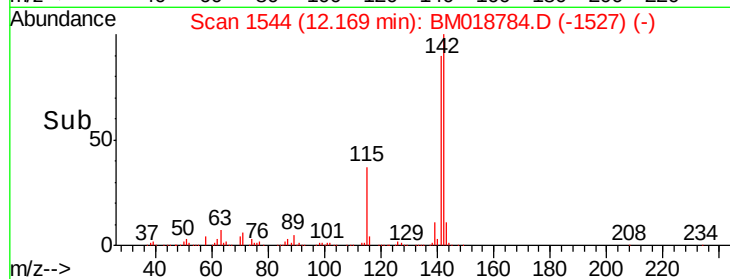
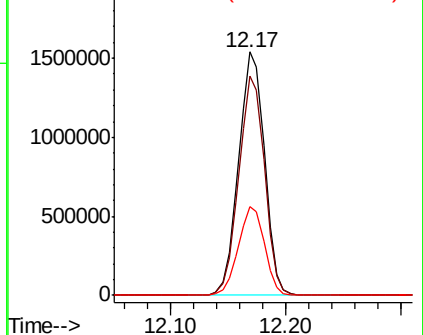


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.795 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

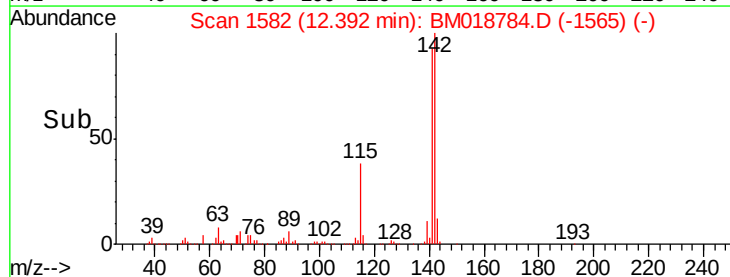
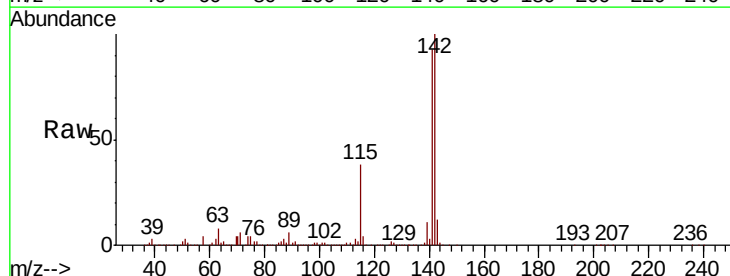
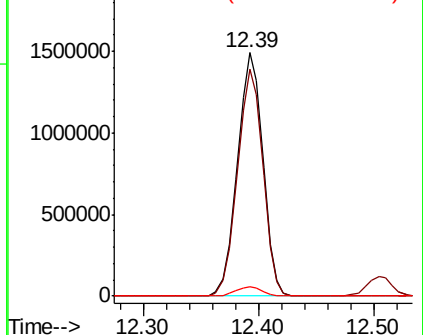
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.9	110.9
116	4.0	3.0	4.4

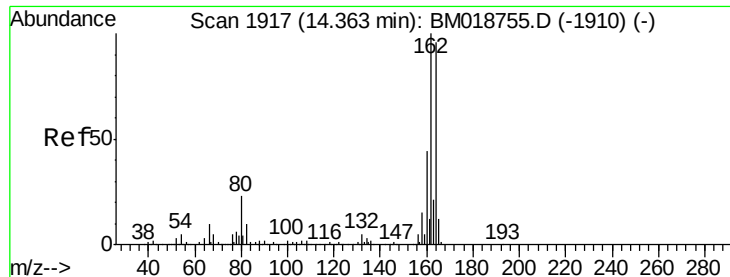
Abundance

Ion 142.00 (141.70 to 142.70): E

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: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

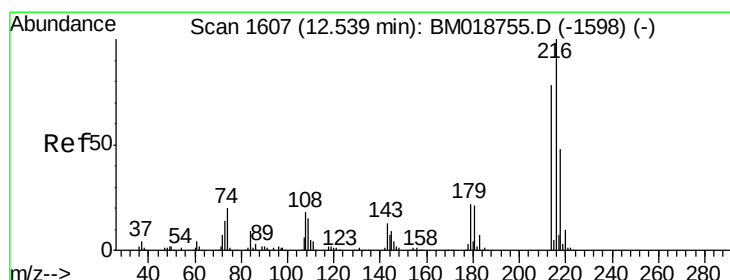
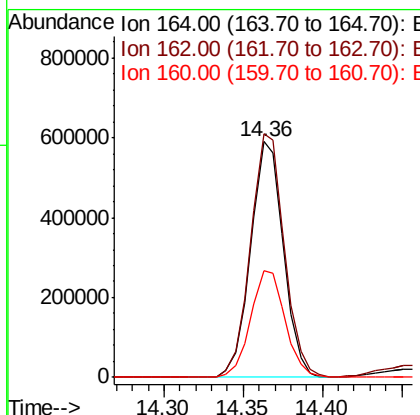
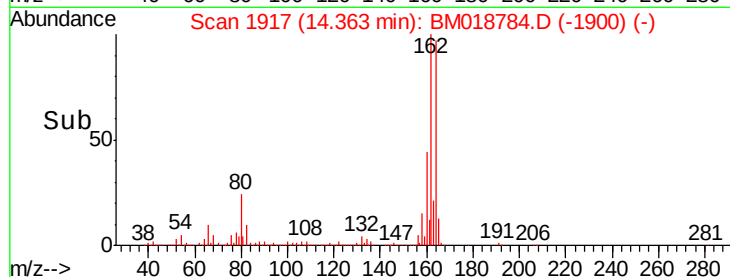
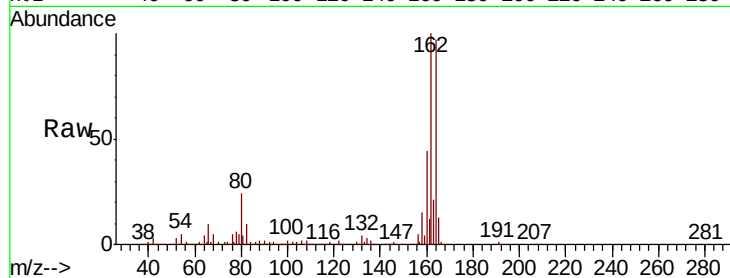
ClientSampleId :

MW-2-20190208MS

Tot Ion:	164	Resp:	851528
Ion Ratio	Lower	Upper	
164	100		
162	103.4	83.4	125.0
160	45.3	36.6	55.0

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.993 ng

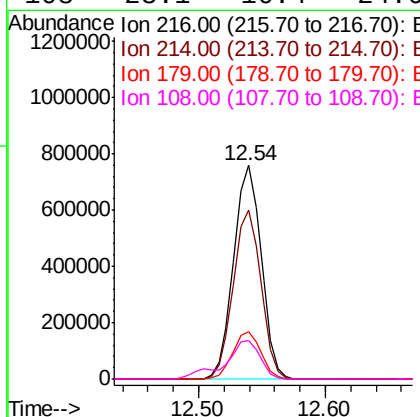
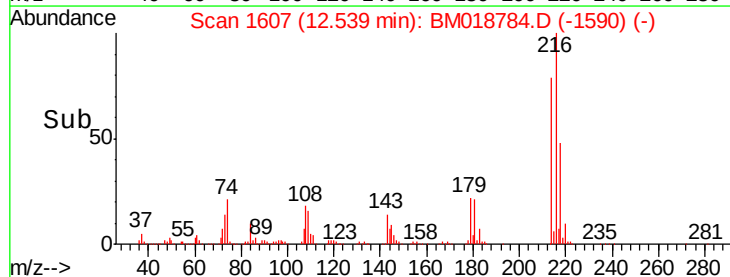
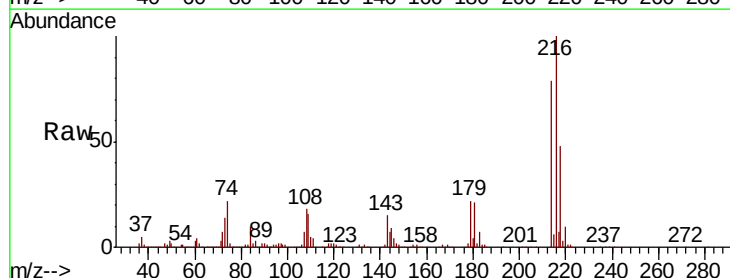
RT: 12.54 min Scan# 1607

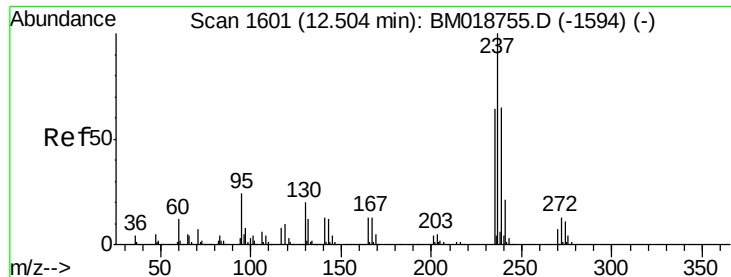
Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion:	216	Resp:	1143881
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.2	94.8
179	22.5	17.8	26.8
108	23.1	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 103.105 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

Tot Ion:237 Resp: 1435922

Ion Ratio Lower Upper

237 100

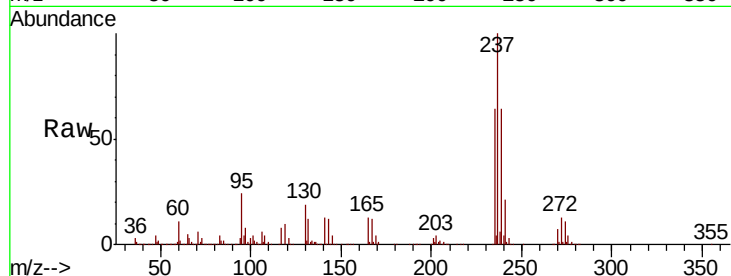
235 63.7 43.7 83.7

272 13.5 0.0 33.3

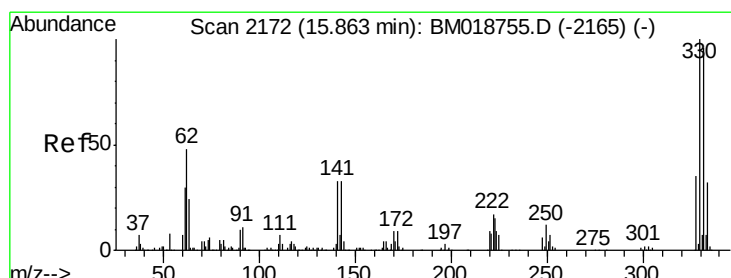
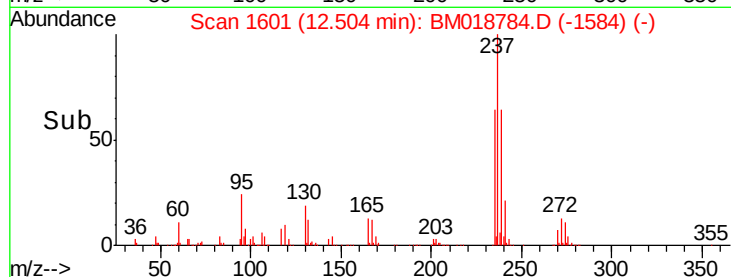
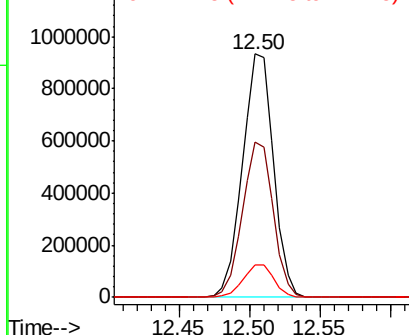
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.467 ng

RT: 15.87 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

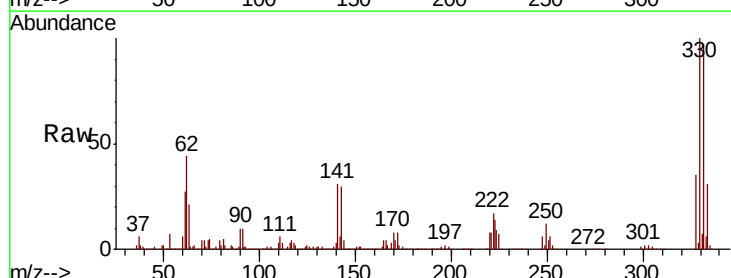
Tgt Ion:330 Resp: 1650515

Ion Ratio Lower Upper

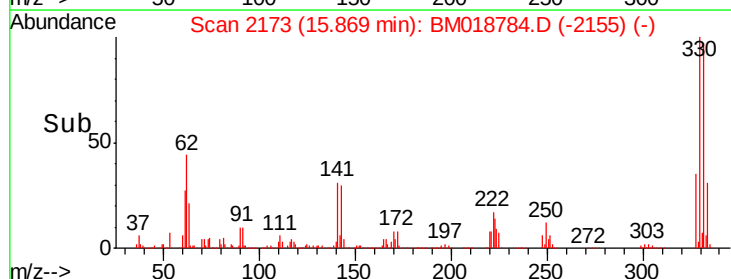
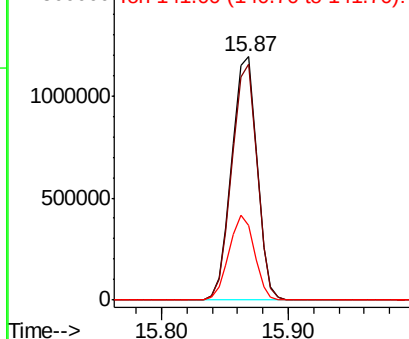
330 100

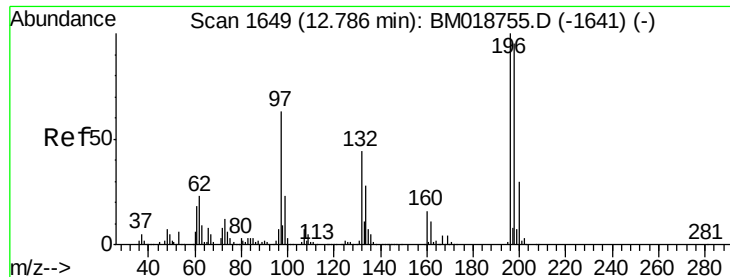
332 96.6 76.9 115.3

141 35.0 28.7 43.1



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





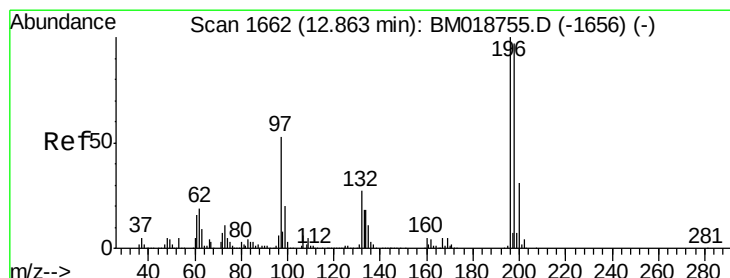
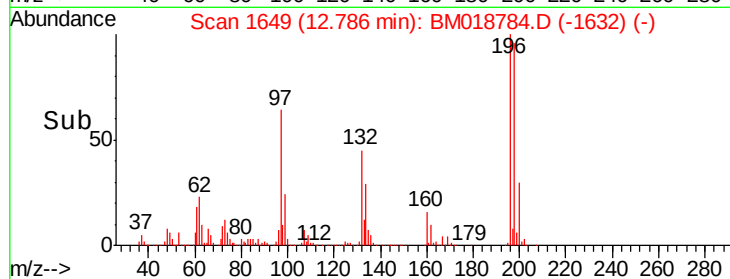
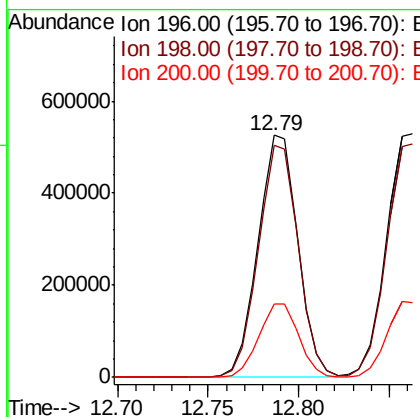
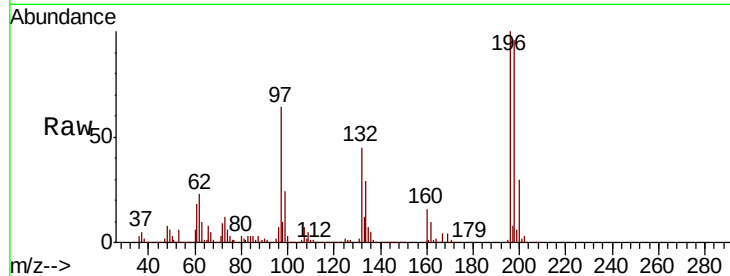
#43
2,4,6-Trichlorophenol
Concen: 44.684 ng
RT: 12.79 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	805761		
198	95.8	76.2	114.2	
200	30.3	24.2	36.2	

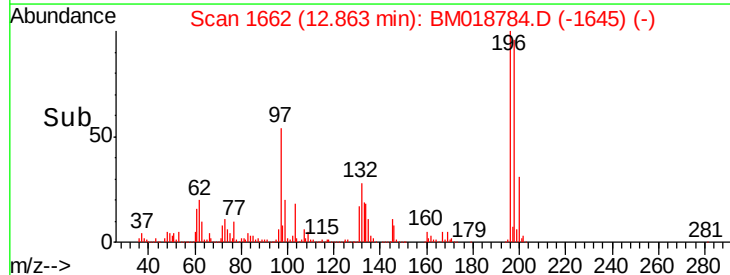
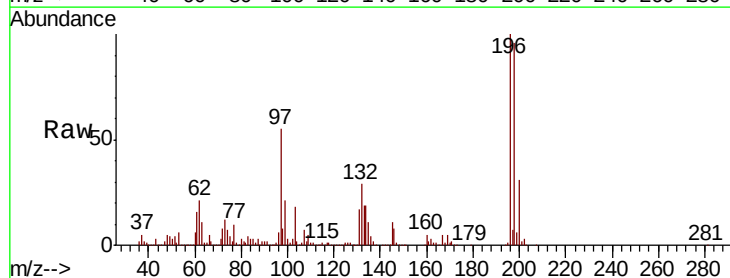
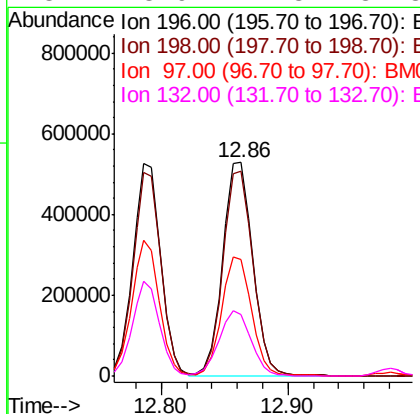
Manual Integrations
APPROVED

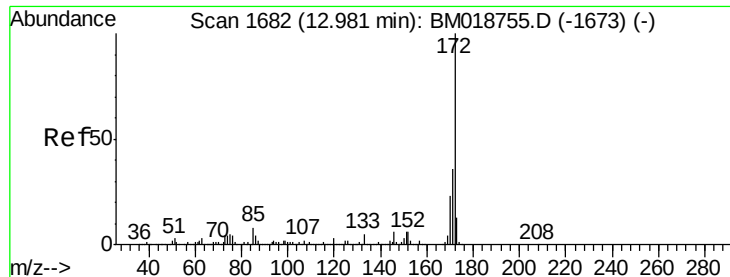
Sohil
2/13/2019 12:20:48 PM



#44
2,4,5-Trichlorophenol
Concen: 45.441 ng
RT: 12.86 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	858852		
198	95.8	77.6	116.4	
97	54.7	42.8	64.2	
132	28.9	21.8	32.8	





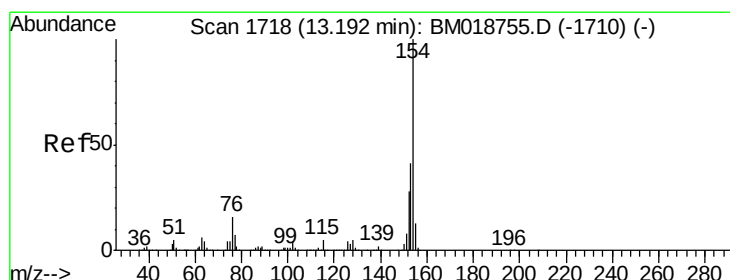
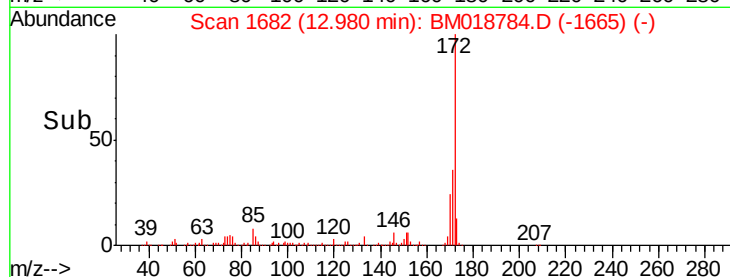
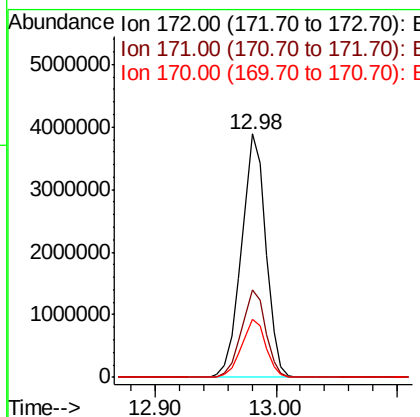
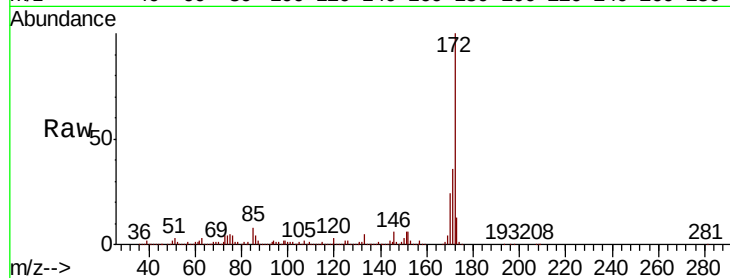
#45
2-Fluorobiphenyl
Concen: 85.379 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	23.8	18.6	28.0

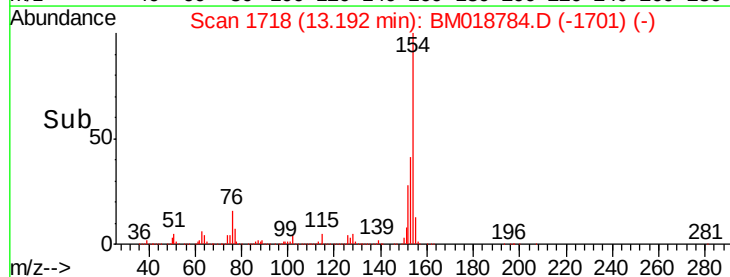
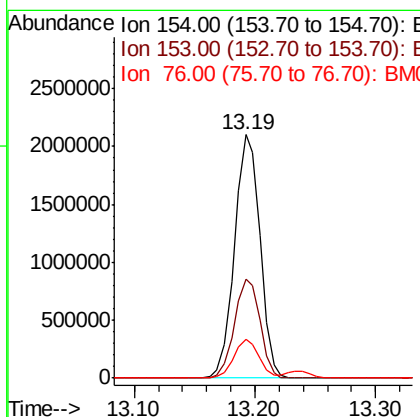
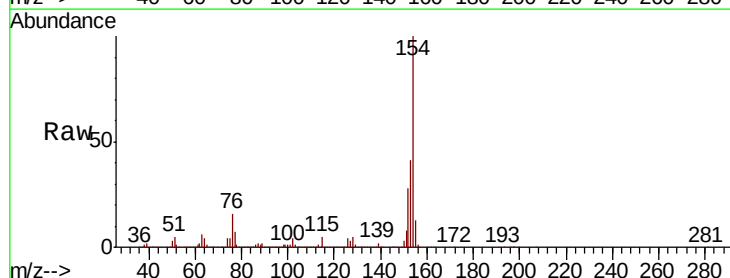
Manual Integrations
APPROVED

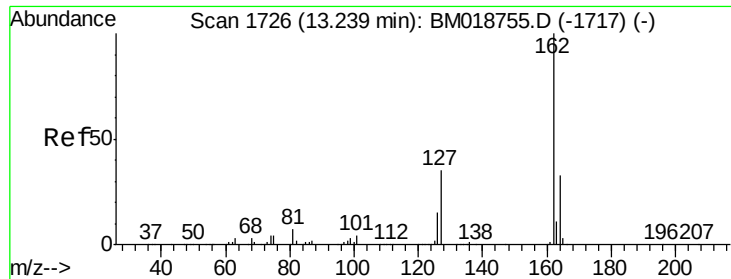
Sohil
2/13/2019 12:20:48 PM



#46
1,1'-Biphenyl
Concen: 42.009 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.1	61.1
76	15.8	0.0	35.7





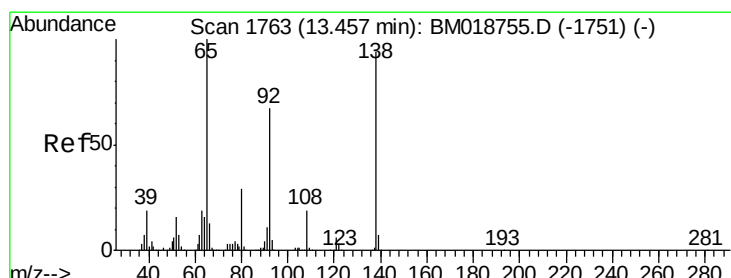
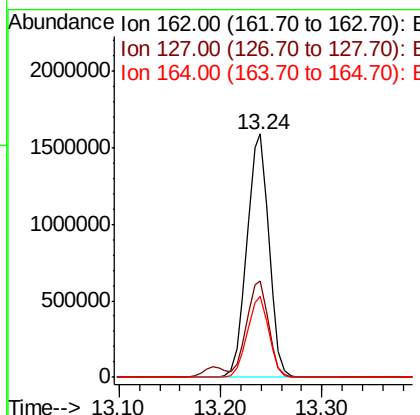
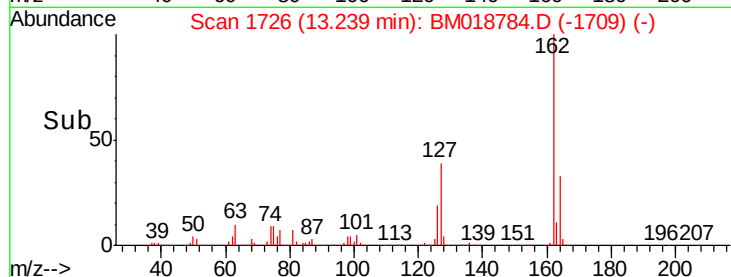
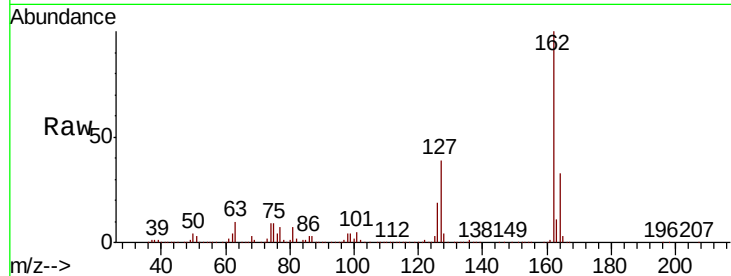
#47
2-Chloronaphthalene
Concen: 42.173 ng
RT: 13.24 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.1	46.7
164	33.3	26.4	39.6

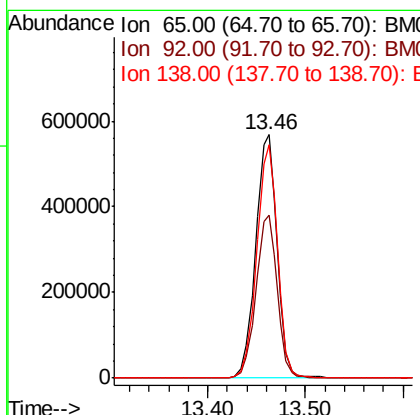
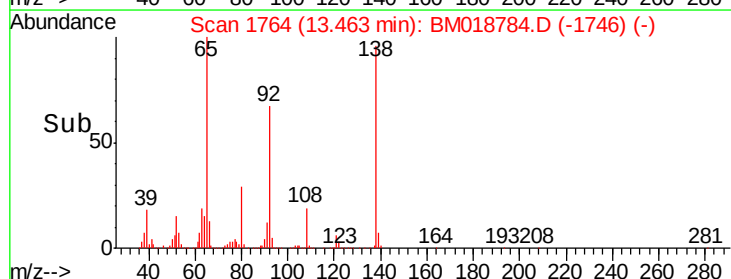
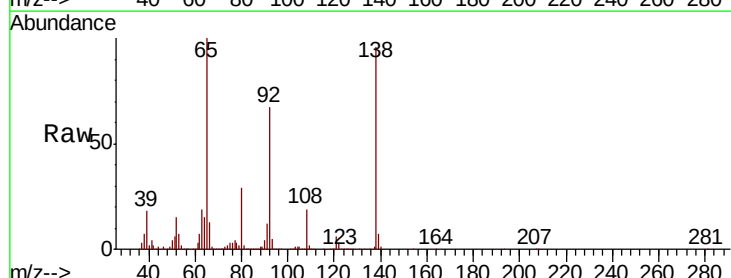
Manual Integrations
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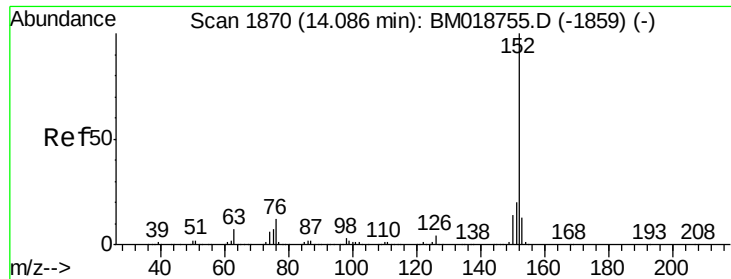
Sohil
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#48
2-Nitroaniline
Concen: 46.596 ng
RT: 13.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.0	81.0
138	96.0	74.9	112.3





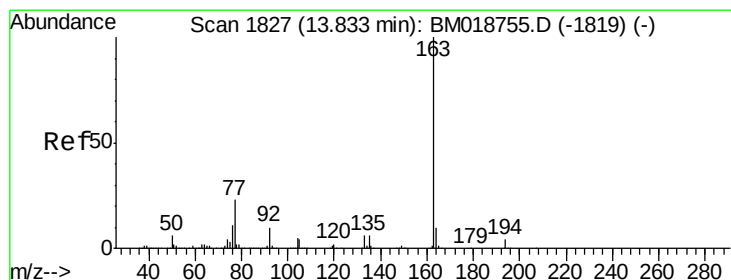
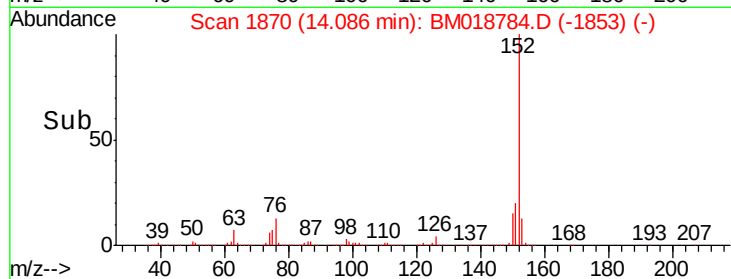
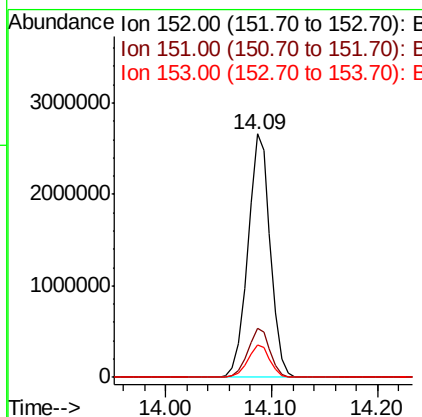
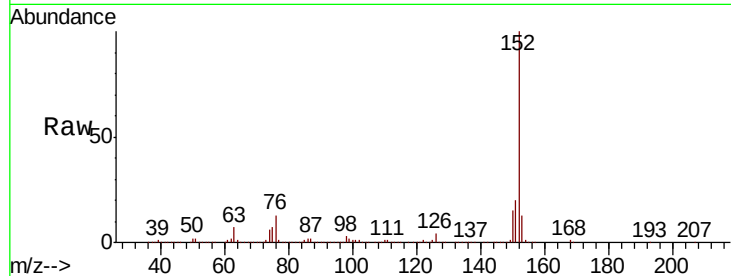
#49
Acenaphthylene
Concen: 46.325 ng
RT: 14.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.3	10.5	15.7

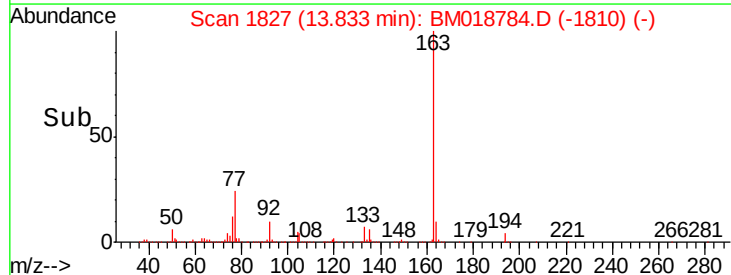
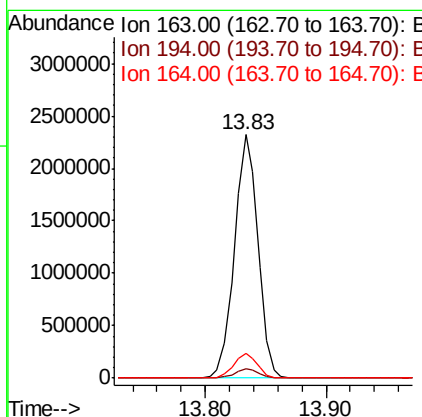
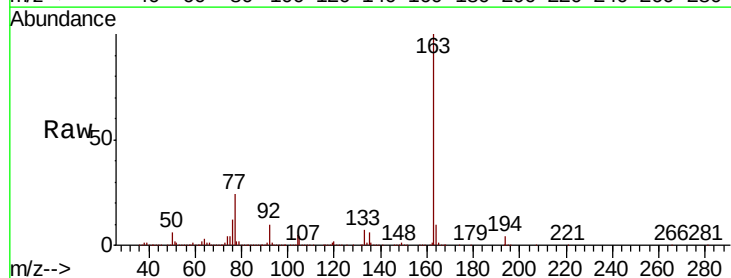
Manual Integrations
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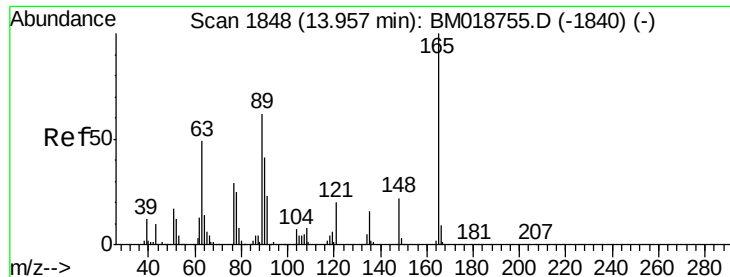
Sohil
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#50
Dimethylphthalate
Concen: 44.284 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	7.8	11.8





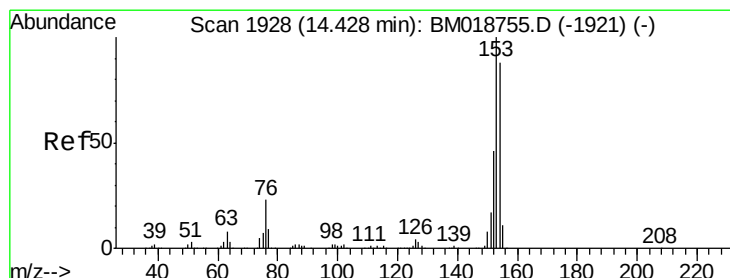
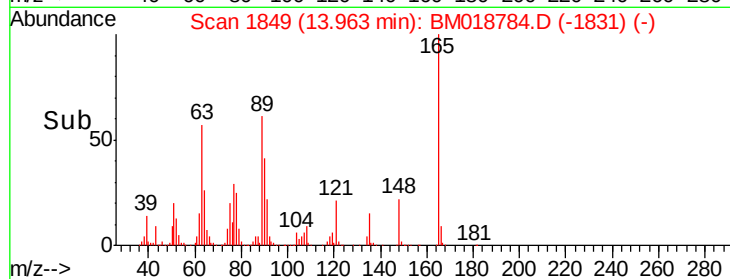
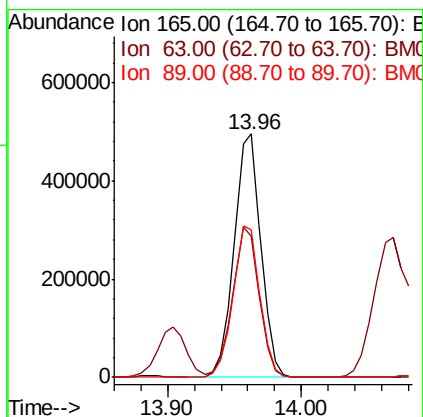
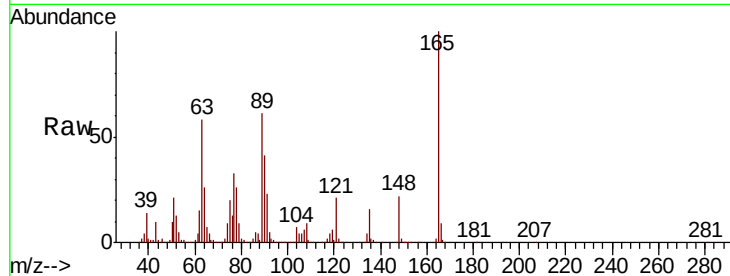
#51
2,6-Dinitrotoluene
Concen: 44.932 ng
RT: 13.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	690725		
63	57.8	48.9	73.3	
89	60.8	49.4	74.0	

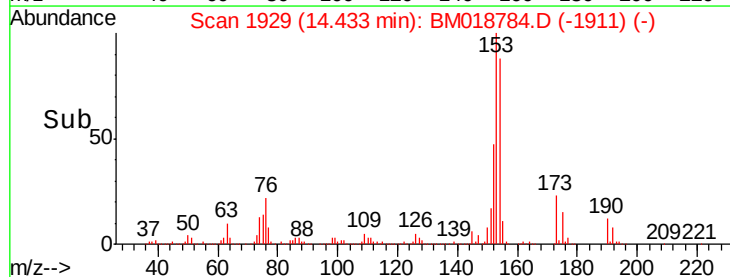
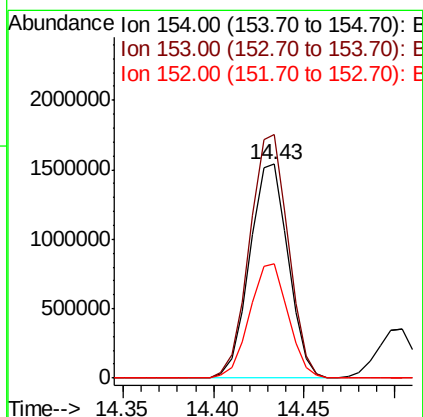
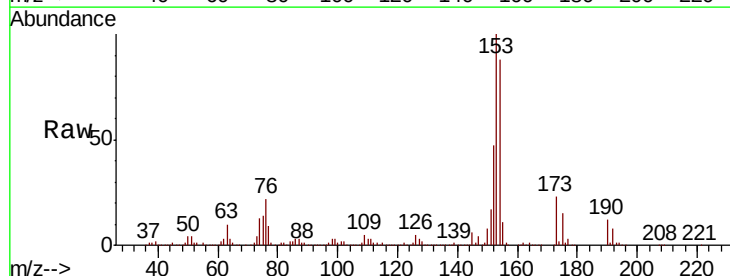
Manual Integrations
APPROVED

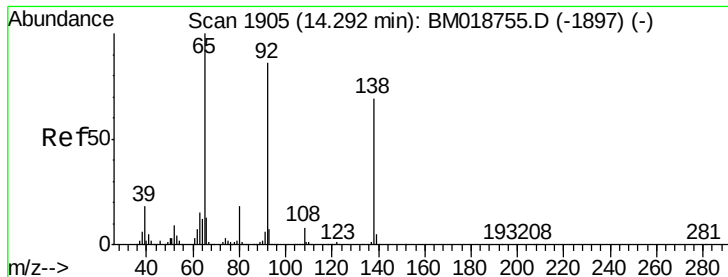
Sohil
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#52
Acenaphthene
Concen: 44.054 ng
RT: 14.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2277152		
153	113.8	91.3	136.9	
152	53.2	42.2	63.4	





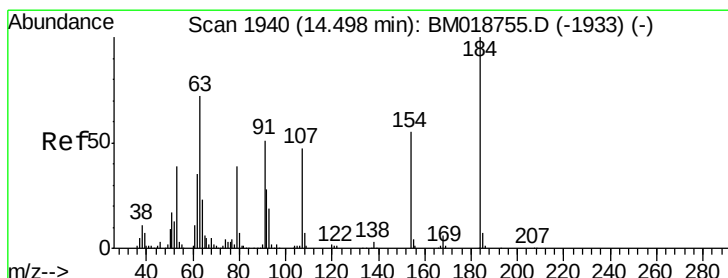
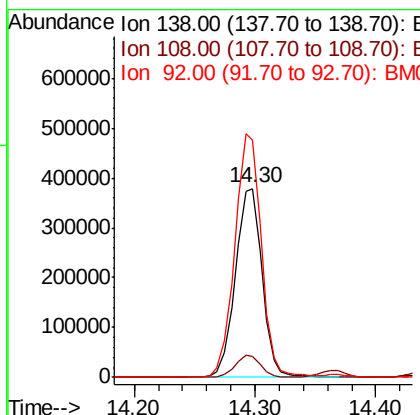
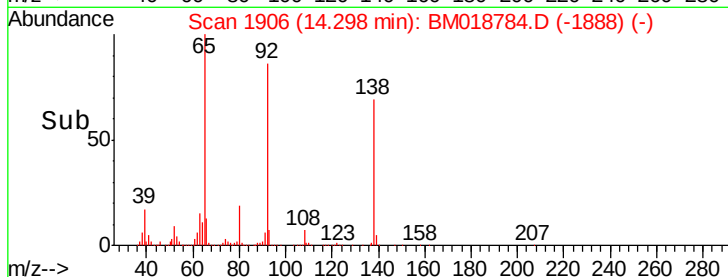
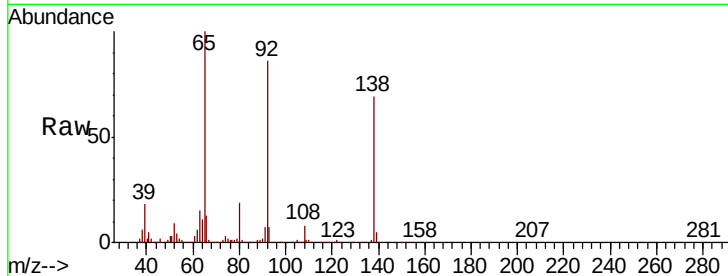
#53
3-Nitroaniline
Concen: 33.813 ng
RT: 14.30 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	125.7	99.7	149.5

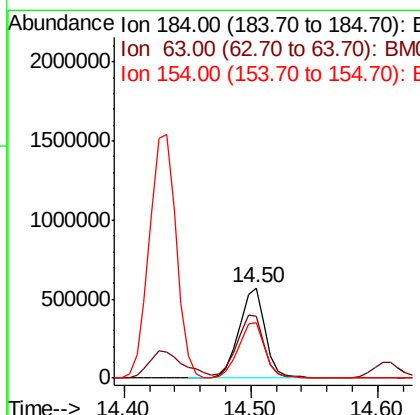
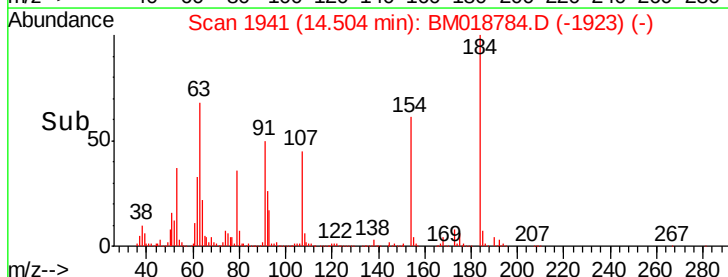
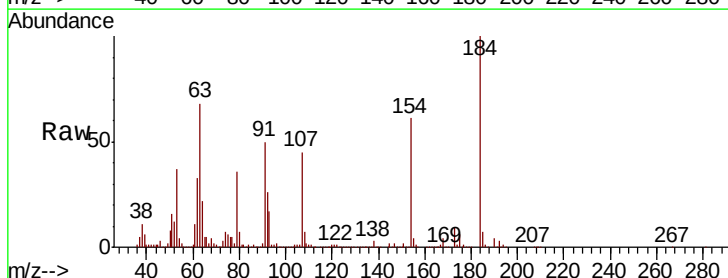
Manual Integrations
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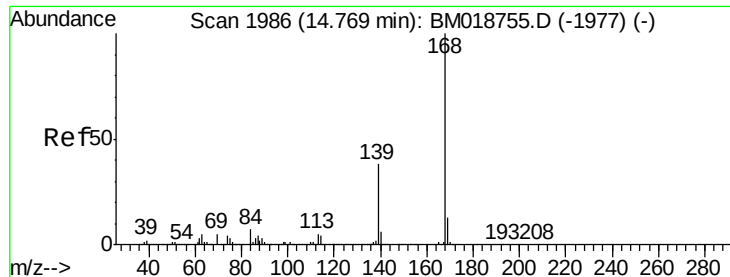
Sohil
2/13/2019 12:20:48 PM



#54
2,4-Dinitrophenol
Concen: 82.615 ng
RT: 14.50 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.9	58.0	87.0
154	61.5	50.3	75.5





#55

Dibenzofuran

Concen: 43.534 ng

RT: 14.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

Tot Ion:168 Resp: 3698692

Ion Ratio Lower Upper

168 100

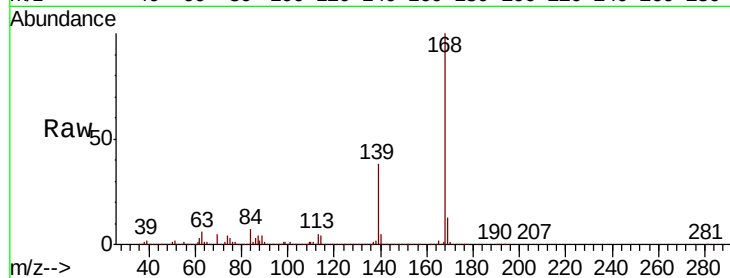
139 38.2 30.7 46.1

169 13.0 10.3 15.5

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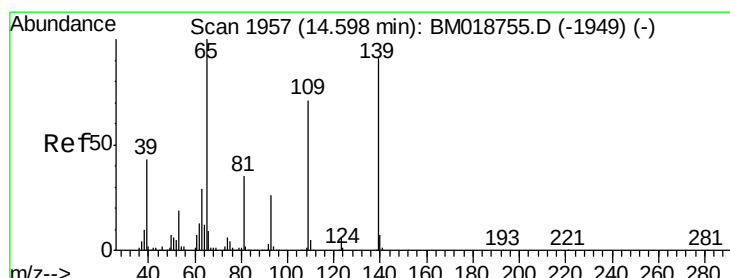
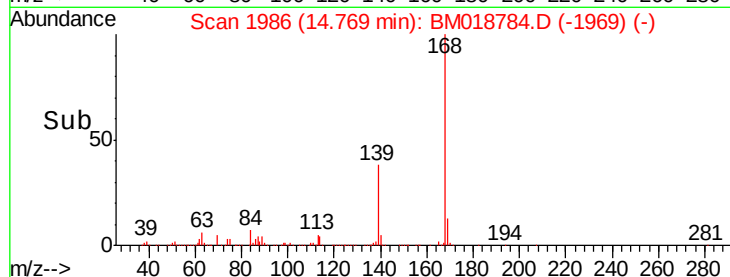
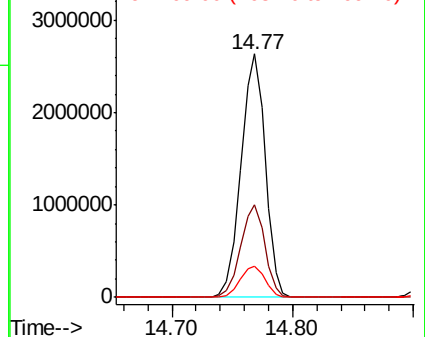


Abundance

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: 34.124 ng

RT: 14.61 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

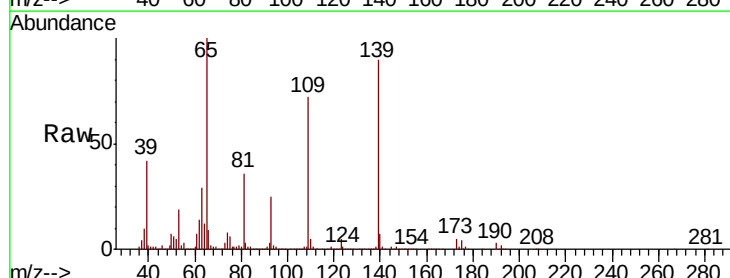
Tgt Ion:139 Resp: 473159

Ion Ratio Lower Upper

139 100

109 80.4 58.4 98.4

65 111.5 89.8 129.8

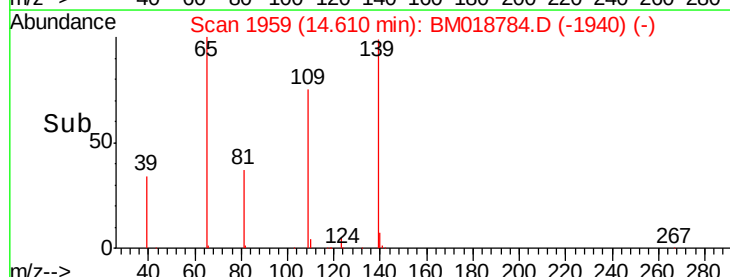
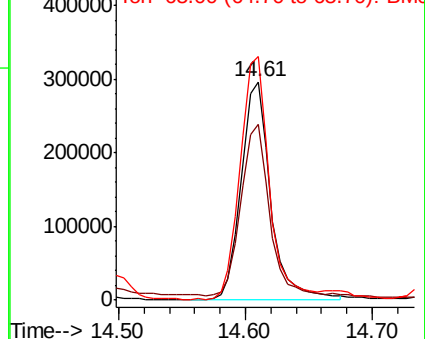


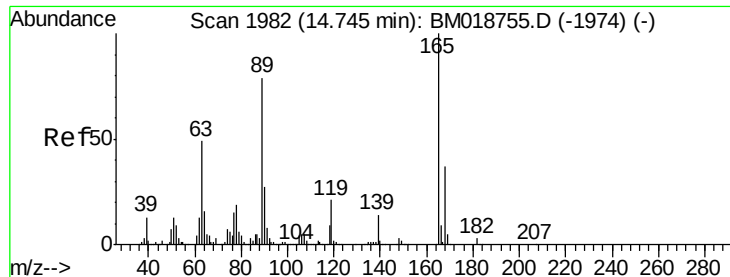
Abundance

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: 46.397 ng

RT: 14.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

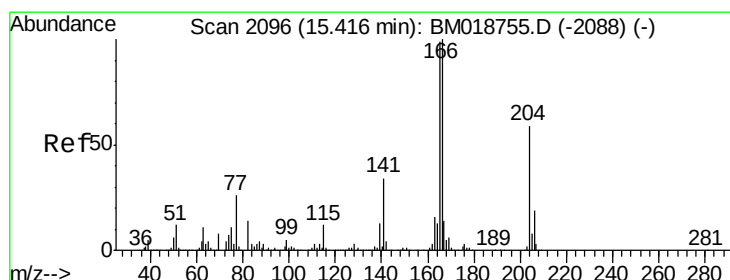
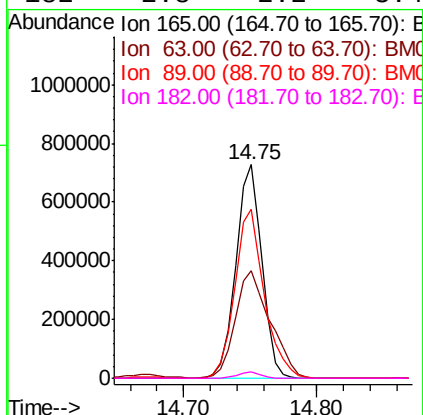
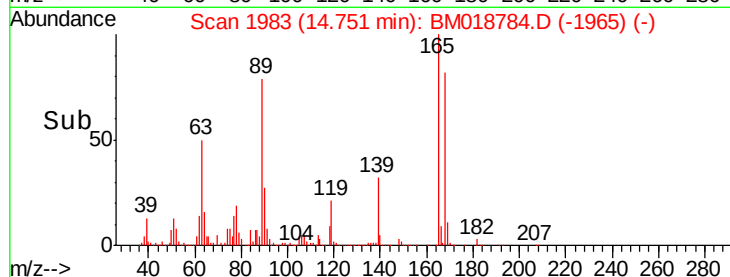
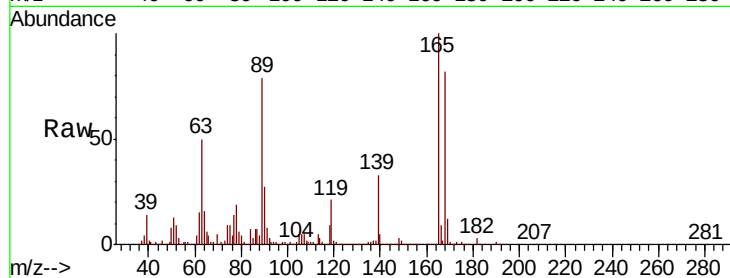
ClientSampleId :

MW-2-20190208MS

Tot Ion:	165	Resp:	982720
Ion Ratio	Lower	Upper	
165	100		
63	50.4	39.6	59.4
89	79.1	63.5	95.3
182	2.8	2.2	3.4

Manual Integrations
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#58

Fluorene

Concen: 46.600 ng

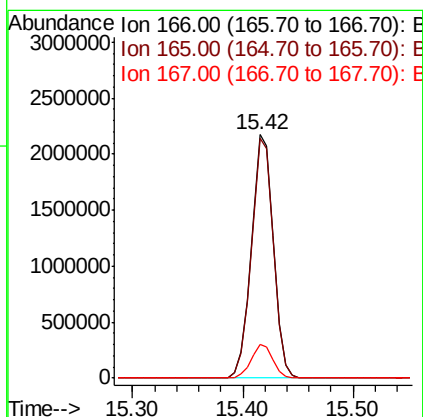
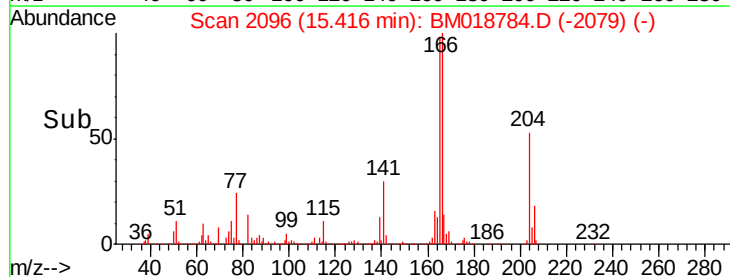
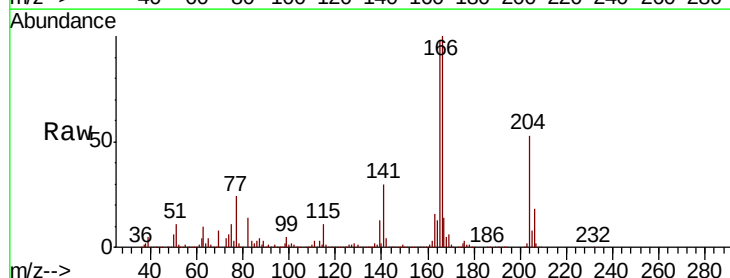
RT: 15.42 min Scan# 2096

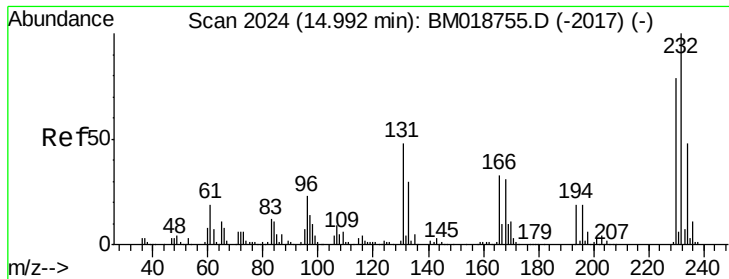
Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion:	166	Resp:	3028913
Ion Ratio	Lower	Upper	
166	100		
165	98.3	79.1	118.7
167	13.8	11.0	16.4





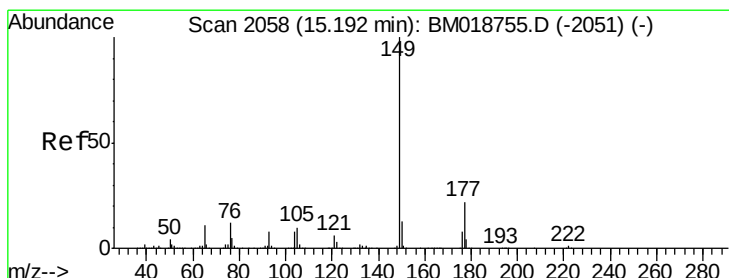
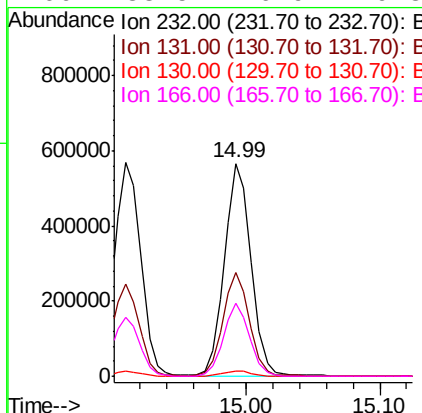
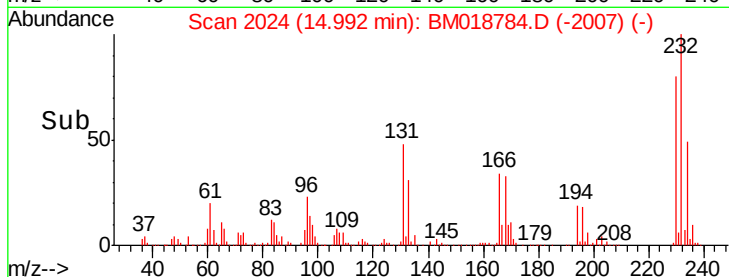
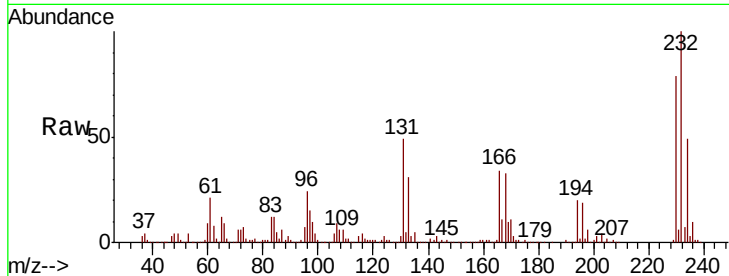
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.160 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	787879		
131	48.3		38.6	57.8
130	2.7		2.0	3.0
166	33.5		26.9	40.3

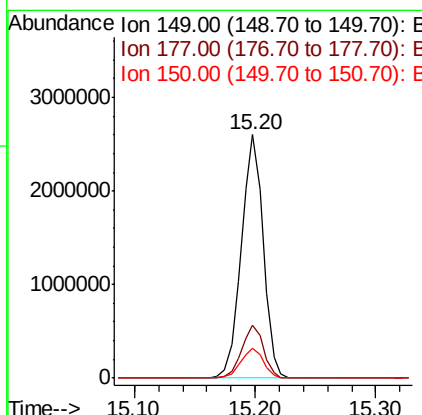
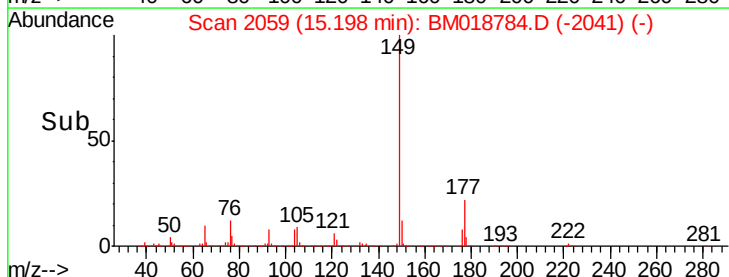
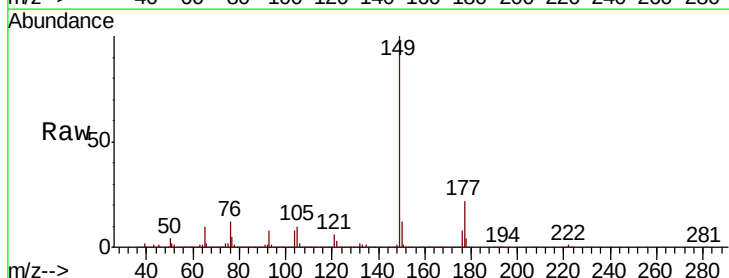
Manual Integrations
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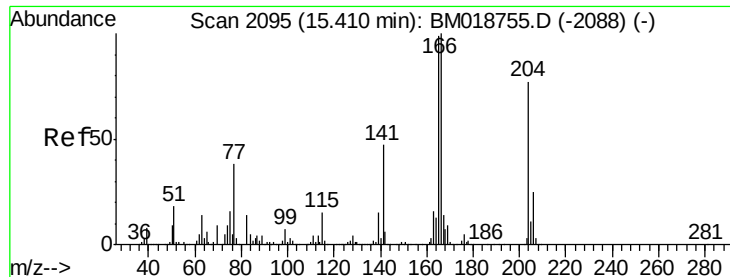
Sohil
 2/13/2019 12:20:48 PM



#60
 Diethylphthalate
 Concen: 44.957 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	3291100		
177	21.9		17.2	25.8
150	12.3		10.2	15.2





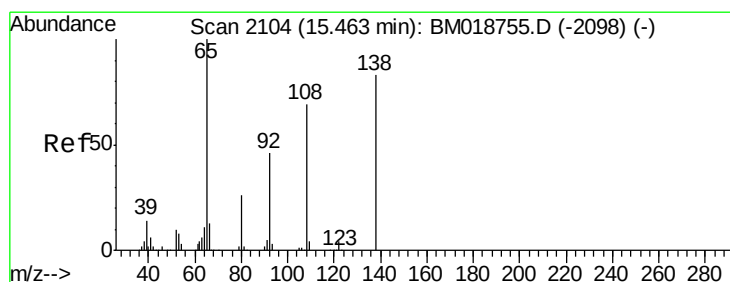
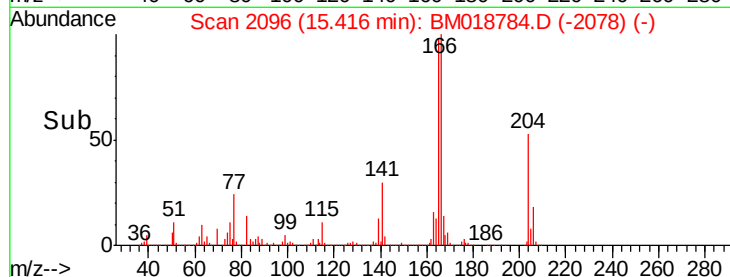
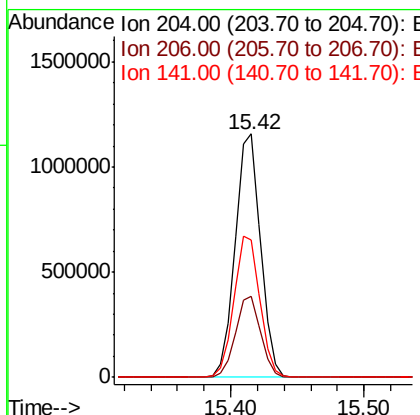
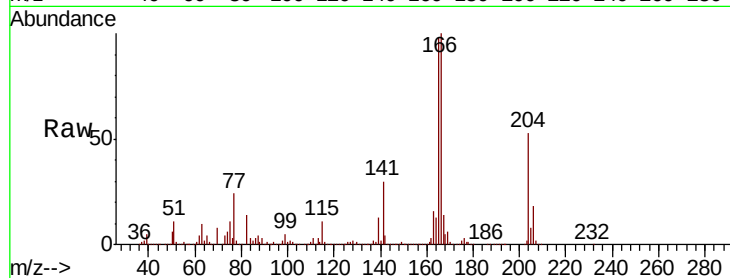
#61
4-Chlorophenyl-phenylether
Concen: 42.012 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion:204 Resp: 1531049
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 56.4 49.2 73.8

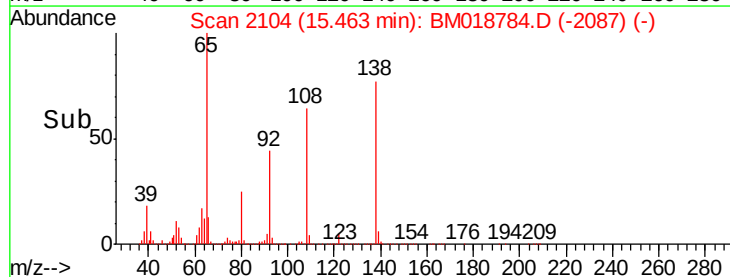
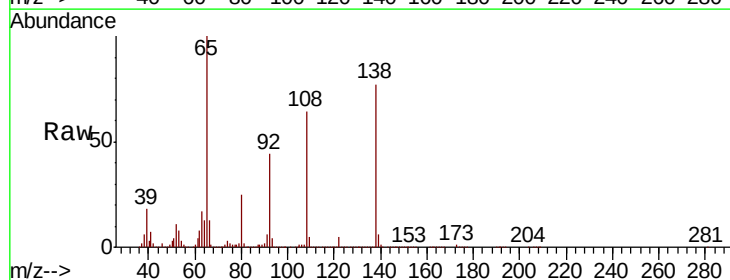
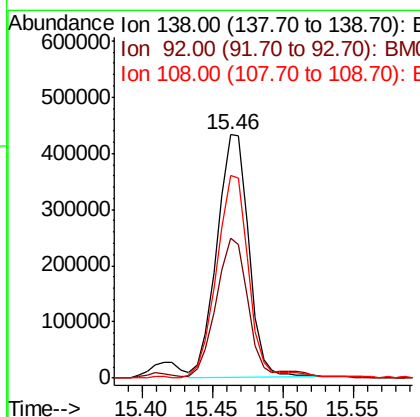
Manual Integrations
APPROVED

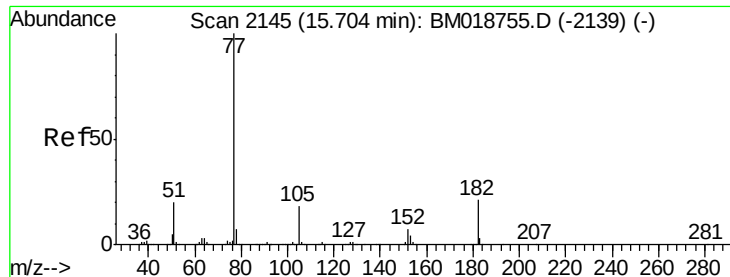
Sohil
2/13/2019 12:20:48 PM



#62
4-Nitroaniline
Concen: 39.835 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:138 Resp: 678340
Ion Ratio Lower Upper
138 100
92 57.6 35.5 75.5
108 83.0 62.4 102.4





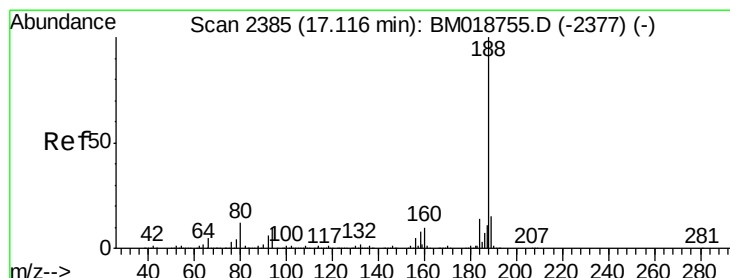
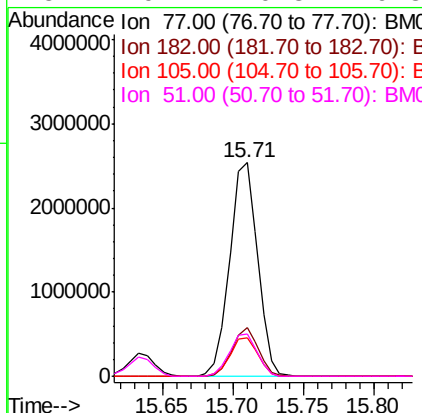
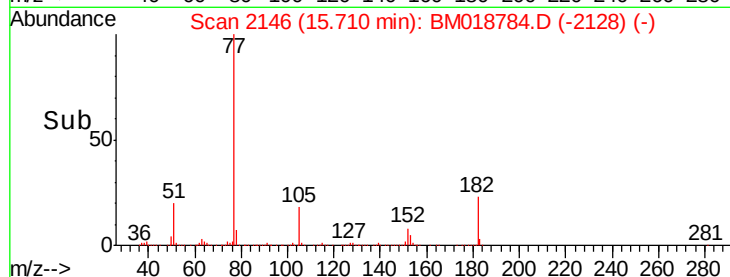
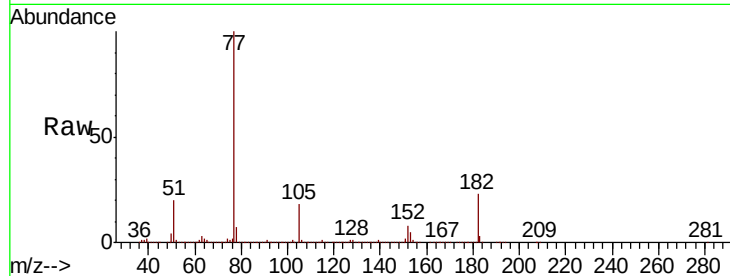
#63
Azobenzene
Concen: 44.338 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.7	1.0	41.0
105	18.2	0.0	37.7
51	19.7	0.3	40.3

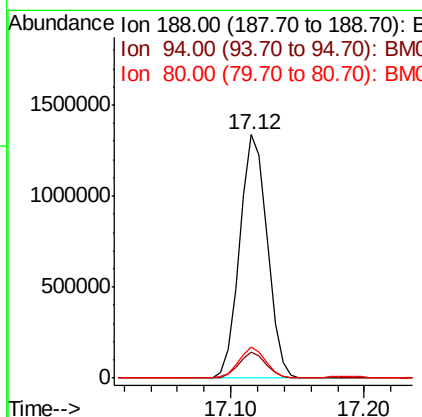
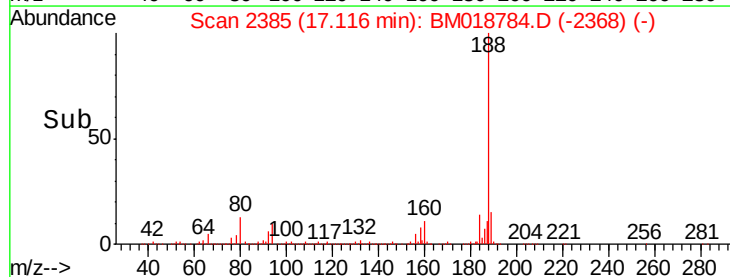
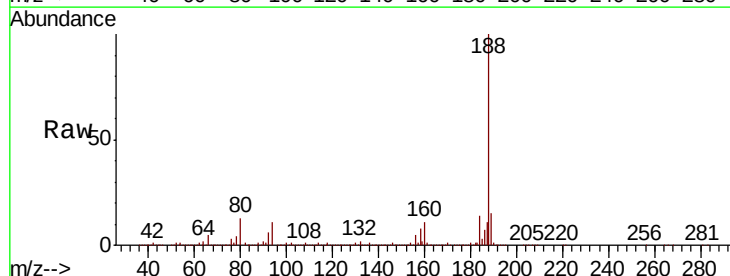
Manual Integrations
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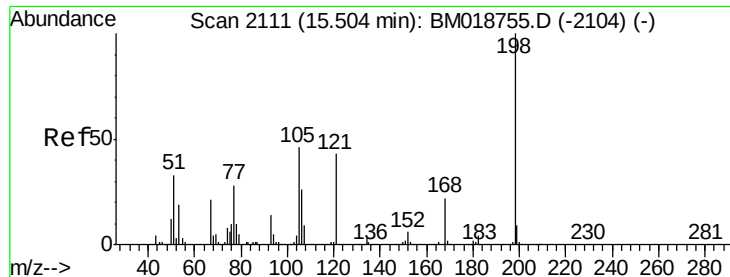
Sohil
2/13/2019 12:20:48 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.2
80	12.6	9.7	14.5





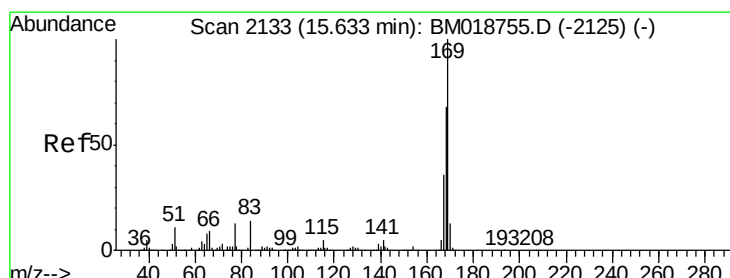
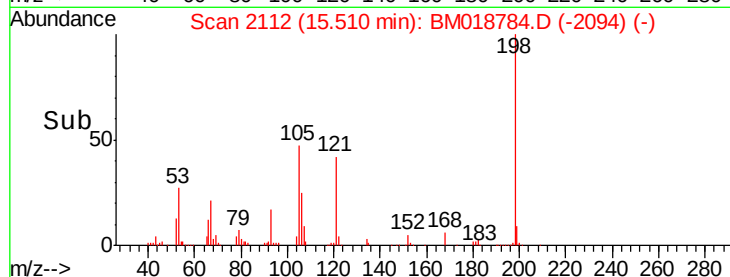
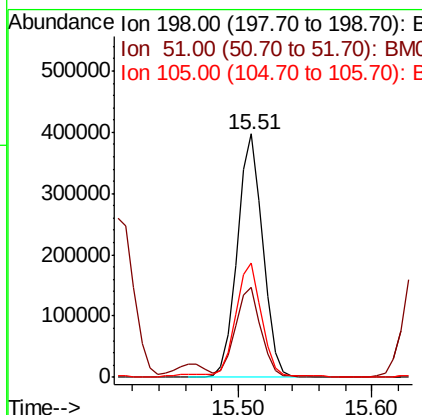
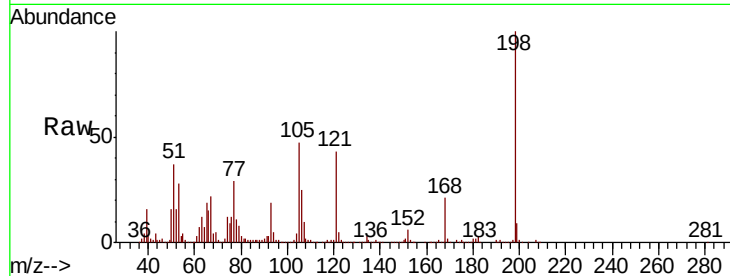
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.369 ng
 RT: 15.51 min Scan# 2112
 Delta R.T. 0.01 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	526689		
51	36.8		18.4	58.4
105	46.9		27.2	67.2

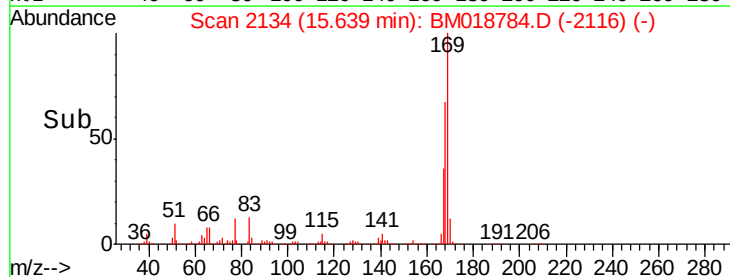
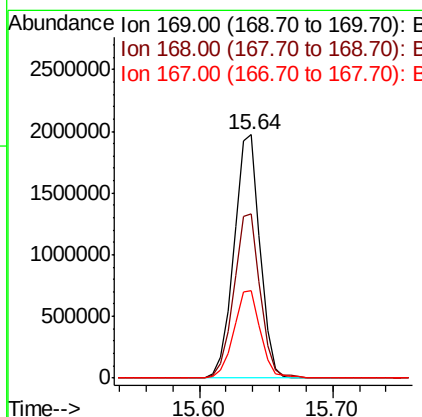
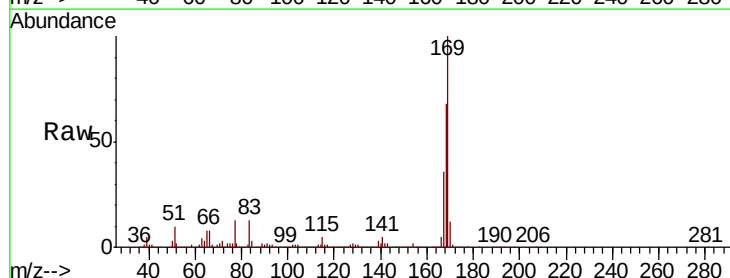
Manual Integrations
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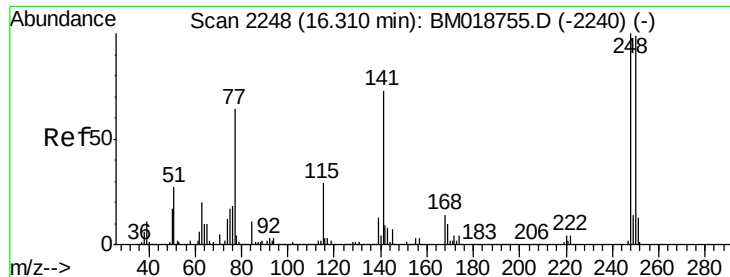
Sohil
 2/13/2019 12:20:48 PM



#66
 n-Nitrosodiphenylamine
 Concen: 44.143 ng
 RT: 15.64 min Scan# 2134
 Delta R.T. 0.01 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2657376		
168	67.6		54.4	81.6
167	36.0		29.0	43.6





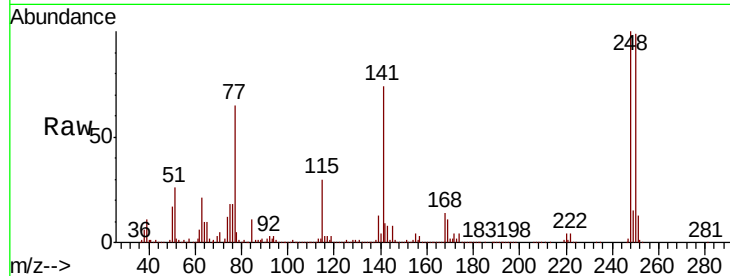
#67
4-Bromophenyl-phenylether
Concen: 42.939 ng
RT: 16.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	79.0	118.6
141	73.6	58.6	88.0

Manual Integrations
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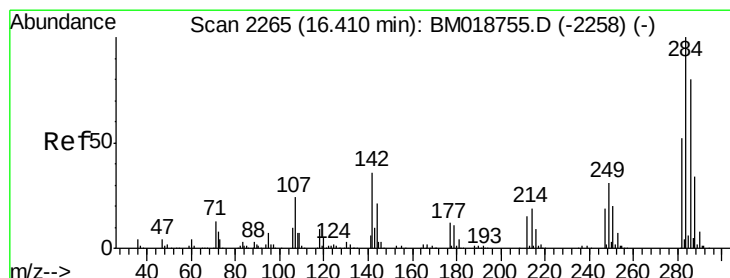
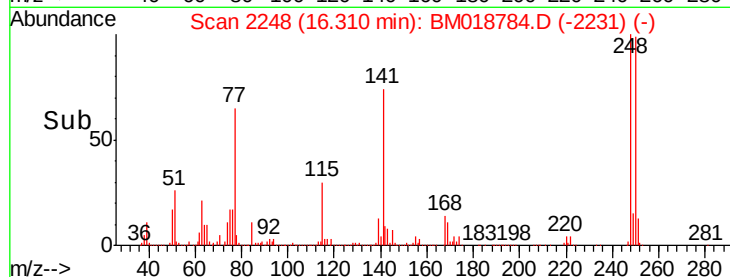
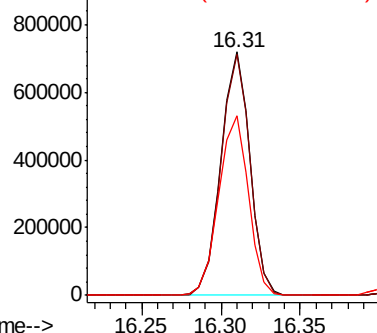


Abundance

Ion 248.00 (247.70 to 248.70): E

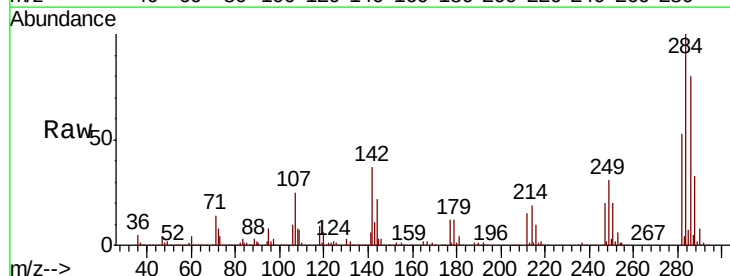
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.183 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	28.9	43.3
249	31.3	24.8	37.2

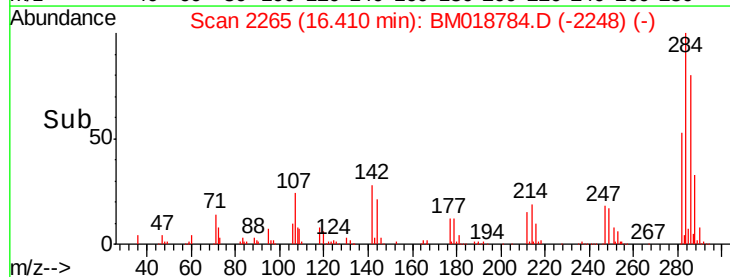
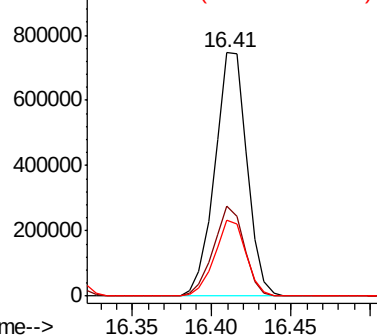


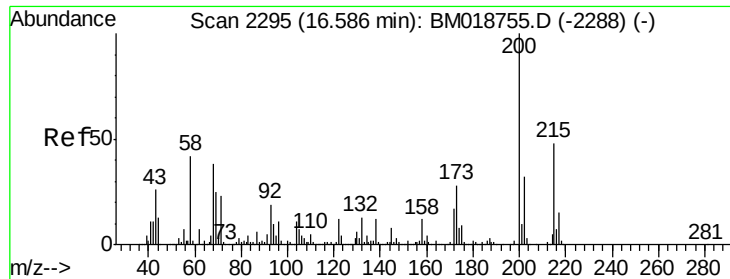
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





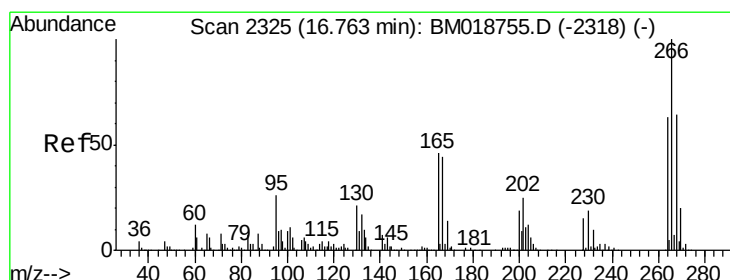
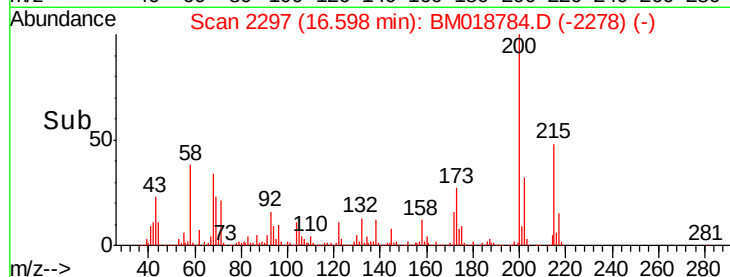
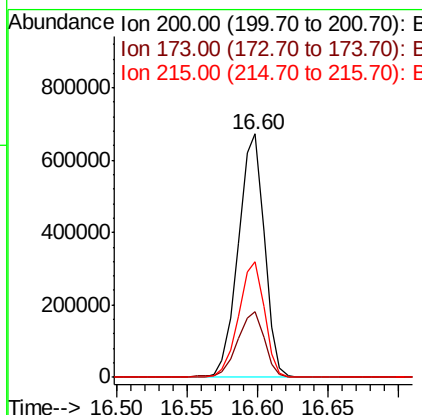
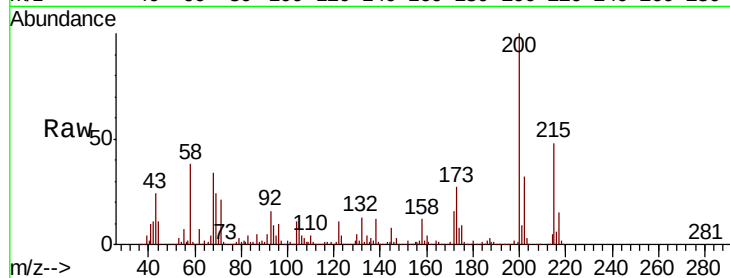
#69
Atrazine
Concen: 44.892 ng
RT: 16.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
200	100		871250		
173	27.1	7.6	47.6		
215	47.7	27.6	67.6		

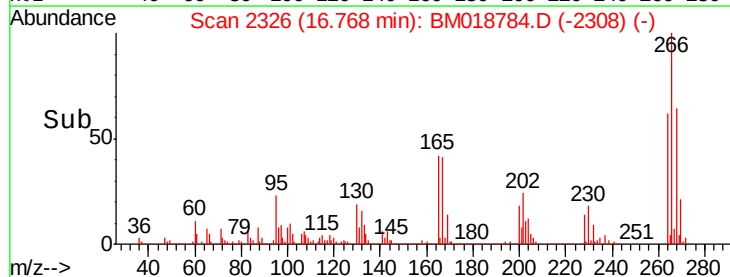
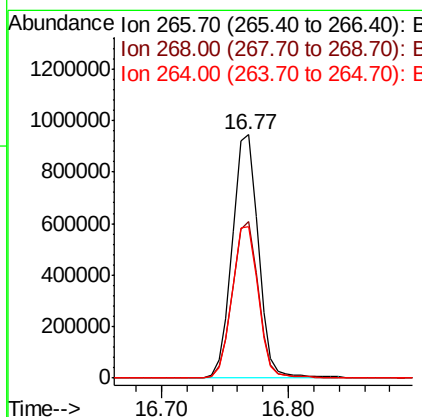
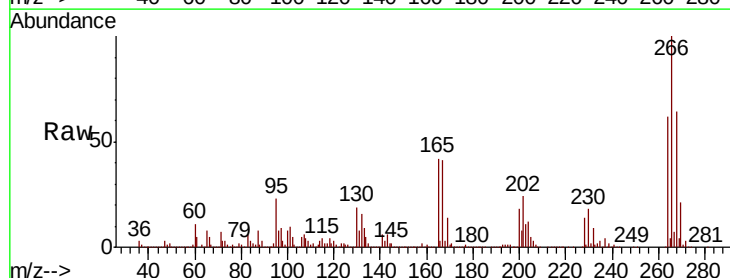
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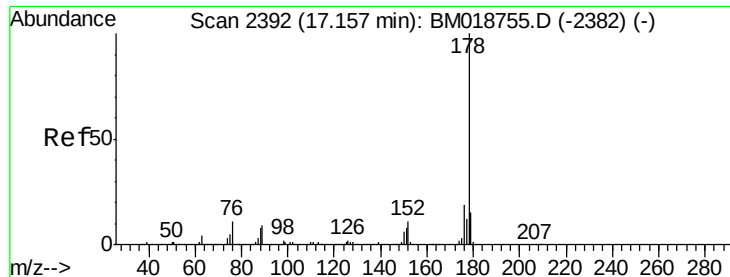
Sohil
2/13/2019 12:20:48 PM



#70
Pentachlorophenol
Concen: 84.166 ng
RT: 16.77 min Scan# 2326
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100		1343464		
268	64.4	51.3	76.9		
264	62.0	50.6	75.8		





#71

Phenanthrene

Concen: 45.915 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

Tot Ion:178 Resp: 4701747

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

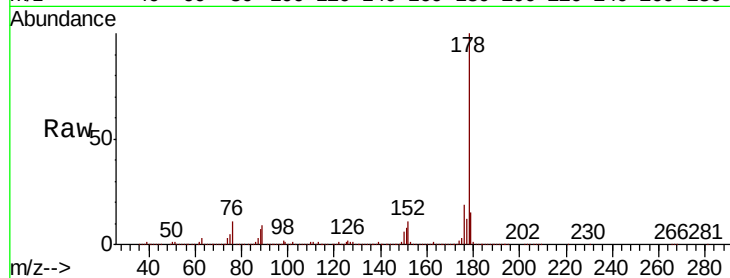
179 15.4 12.3 18.5

Manual Integrations

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Sohil

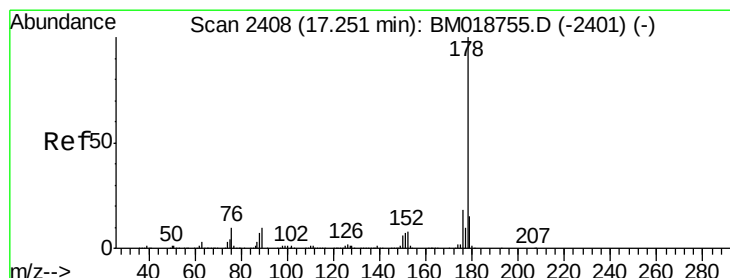
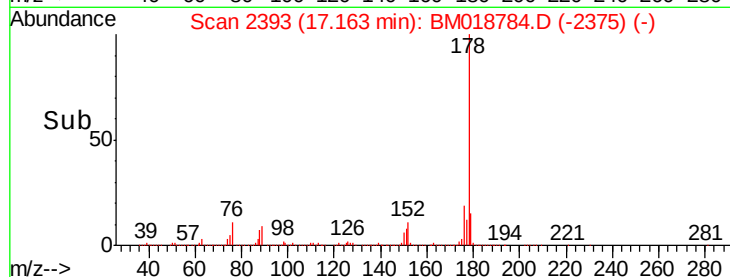
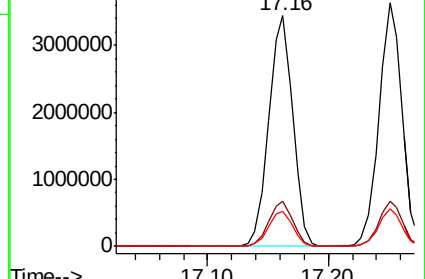
2/13/2019 12:20:48 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.331 ng

RT: 17.25 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion:178 Resp: 4817103

Ion Ratio Lower Upper

178 100

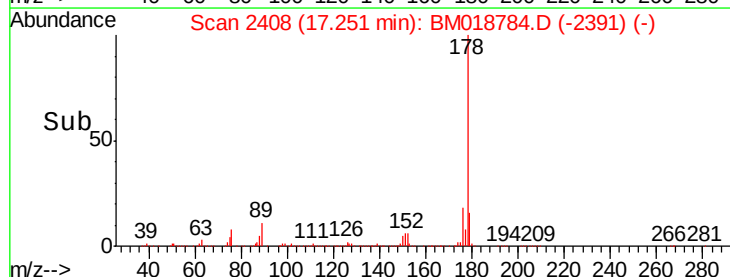
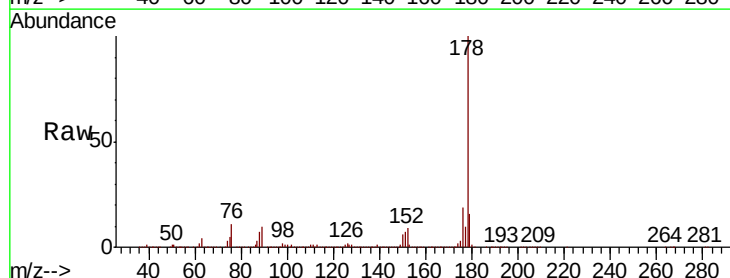
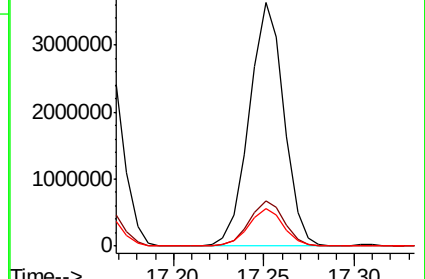
176 18.7 14.8 22.2

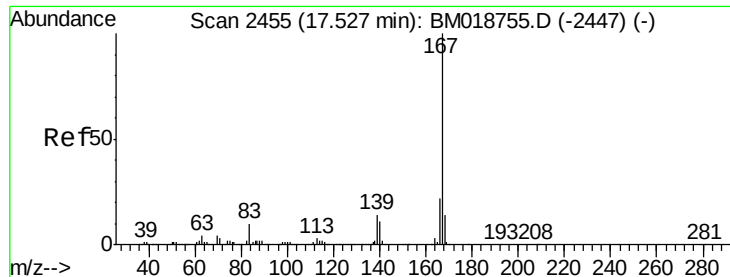
179 15.6 12.1 18.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





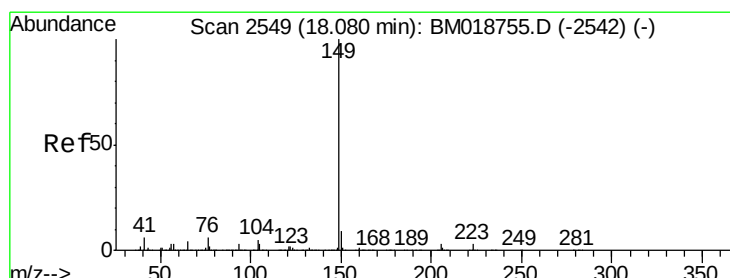
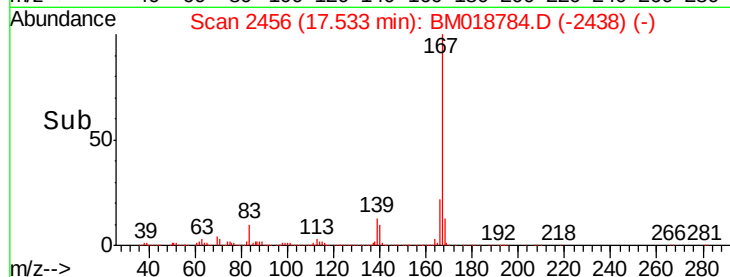
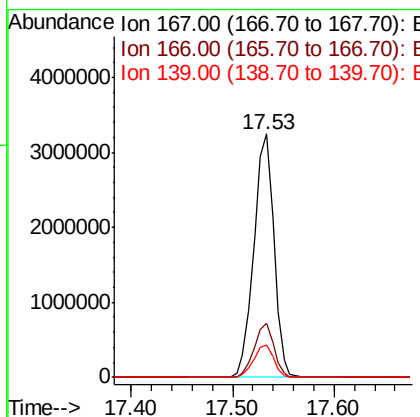
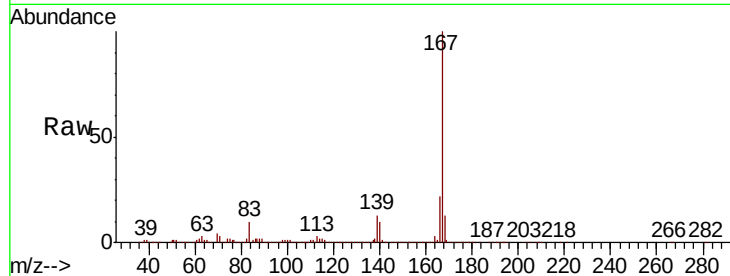
#73
 Carbazole
 Concen: 43.003 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. 0.01 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

Tot Ion:167 Resp: 4477868
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.3 10.9 16.3

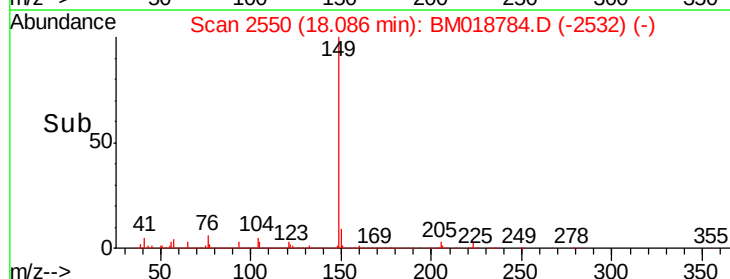
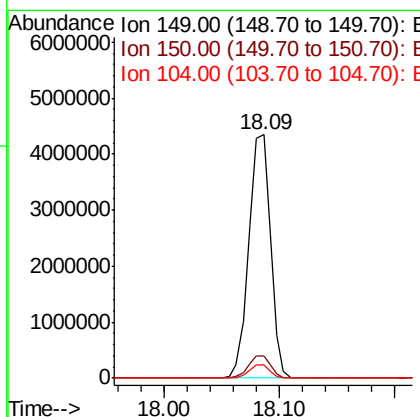
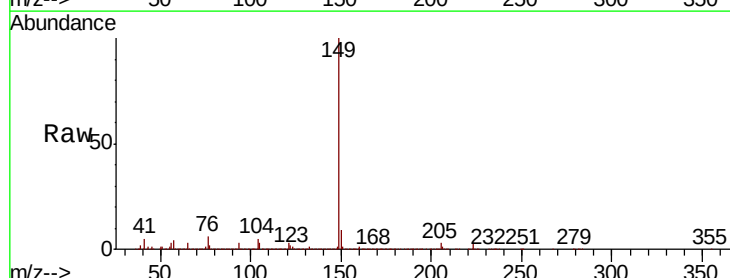
Manual Integrations
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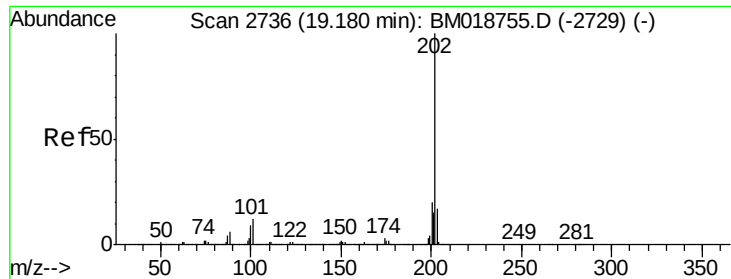
Sohil
 2/13/2019 12:20:48 PM



#74
 Di-n-butylphthalate
 Concen: 47.627 ng
 RT: 18.09 min Scan# 2550
 Delta R.T. 0.01 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion:149 Resp: 5703730
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 46.255 ng

RT: 19.18 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

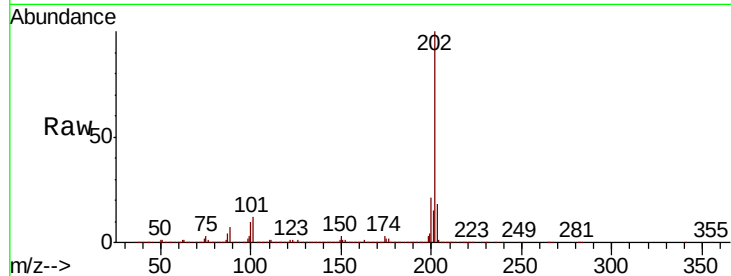
ClientSampleId :

MW-2-20190208MS

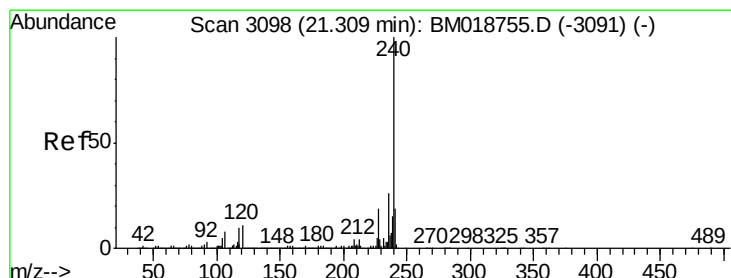
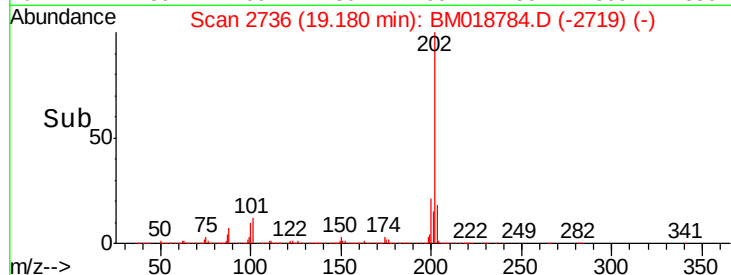
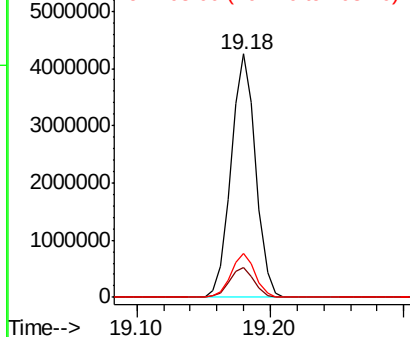
Tot Ion:	202	Resp:	5471291
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.5
203	17.8	0.0	37.3

Manual Integrations
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Sohil
2/13/2019 12:20:48 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

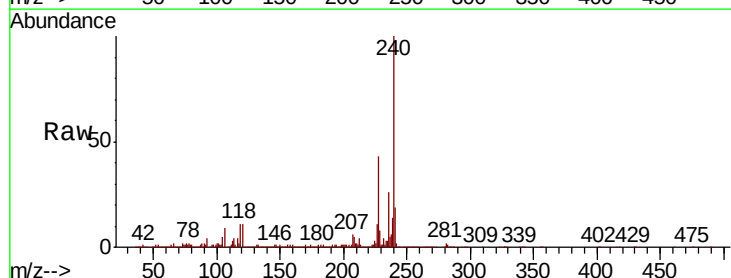
RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

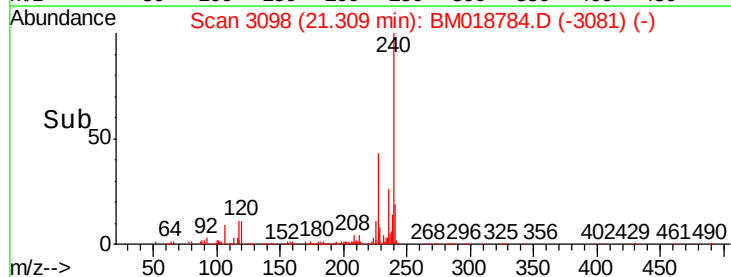
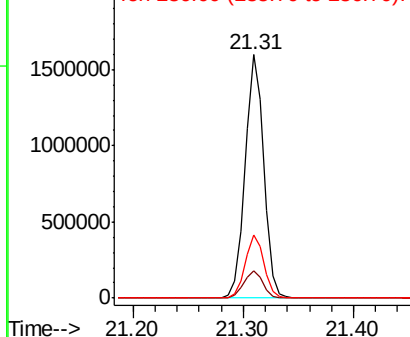
Lab File: BM018784.D

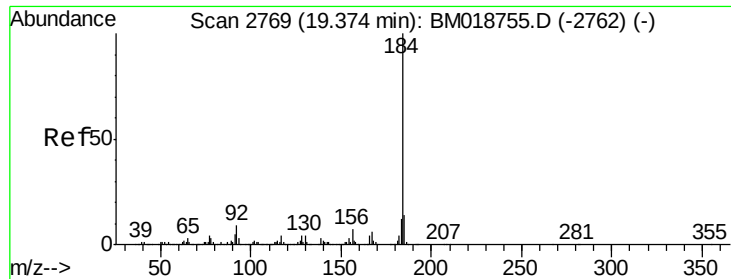
Acq: 12 Feb 2019 22:06

Tgt Ion:	240	Resp:	1891406
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.9	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.310 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

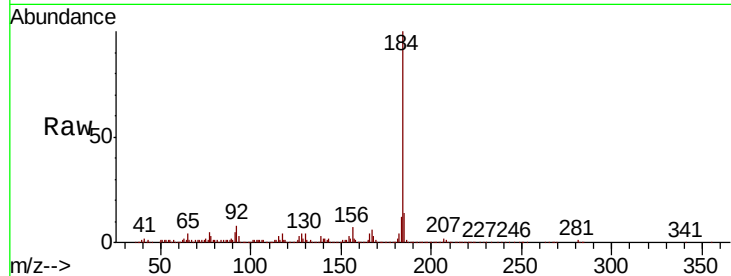
ClientSampleId :

MW-2-20190208MS

Tot Ion:	184	Resp:	822546
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.2	16.8
183	12.0	9.7	14.5

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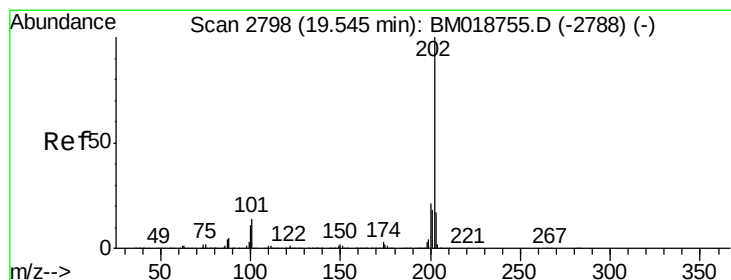
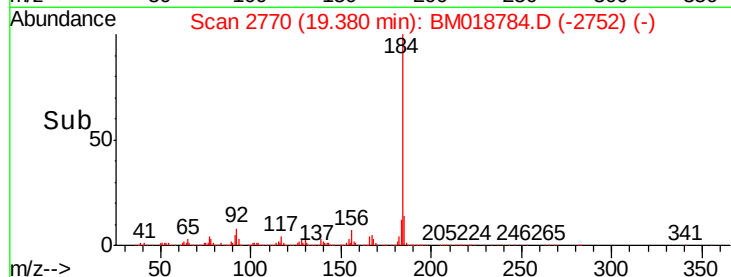
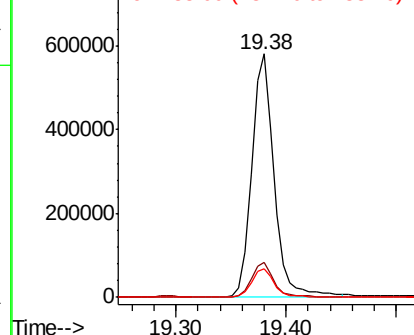


Abundance

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: 50.984 ng

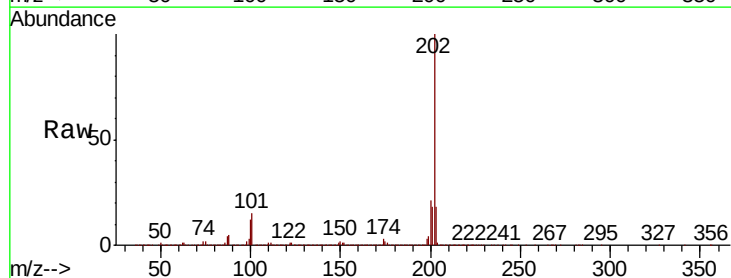
RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion:	202	Resp:	5600667
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	17.6	13.8	20.8

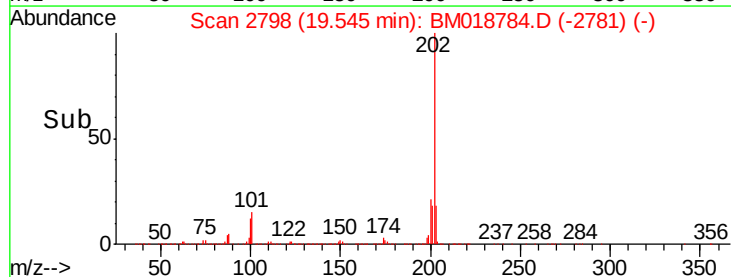
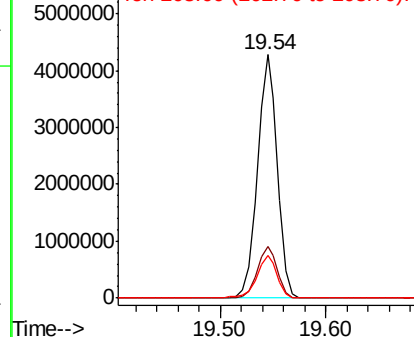


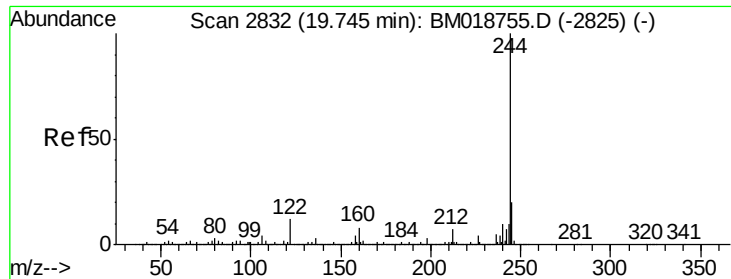
Abundance

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





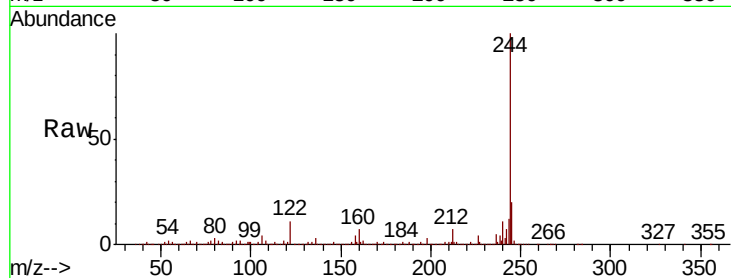
#79
 Terphenyl-d14
 Concen: 92.545 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MS

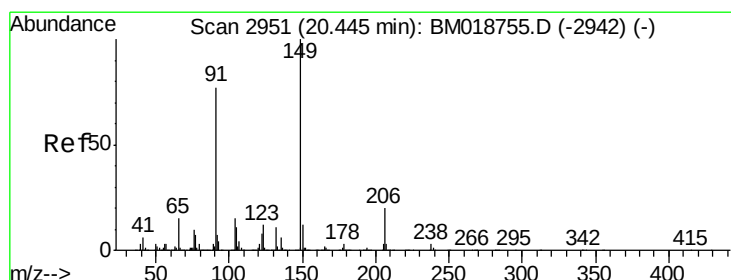
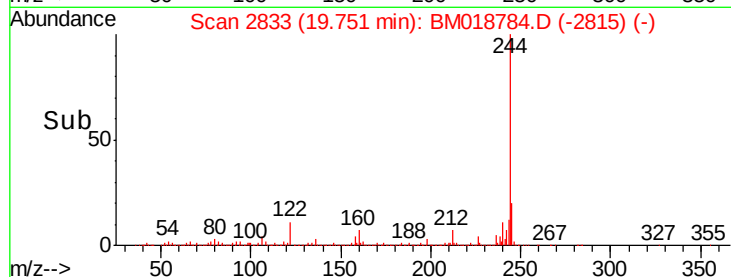
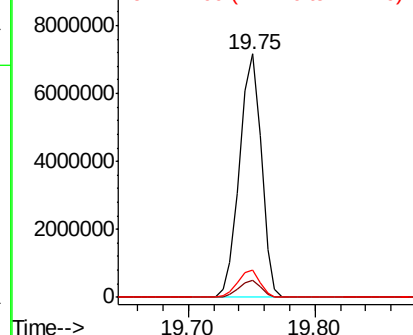
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.0	9.3	13.9

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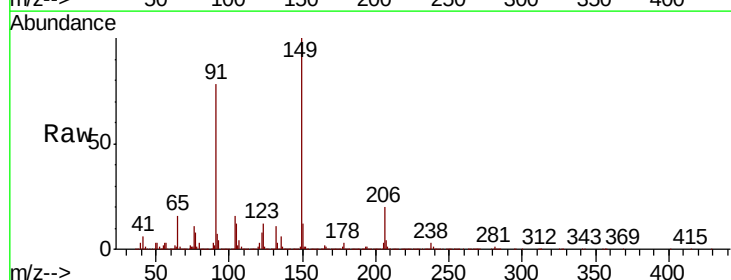


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

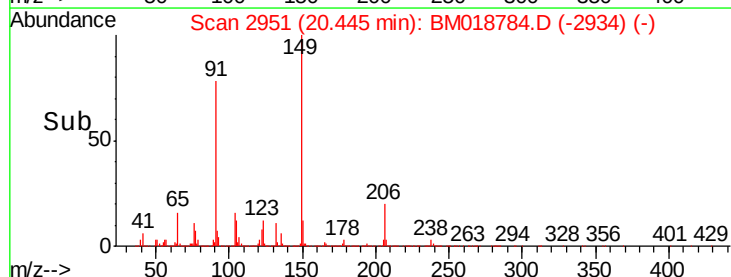
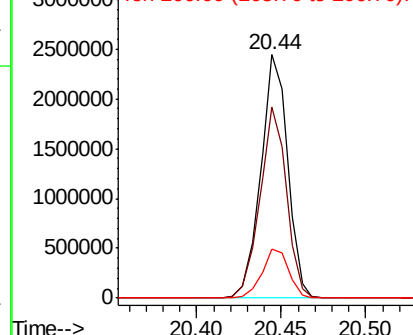


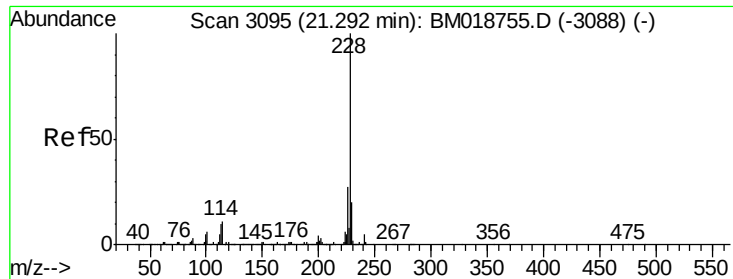
#80
 Butylbenzylphthalate
 Concen: 54.091 ng
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: BM018784.D
 Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.4	61.4	92.0
206	19.9	15.8	23.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.033 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

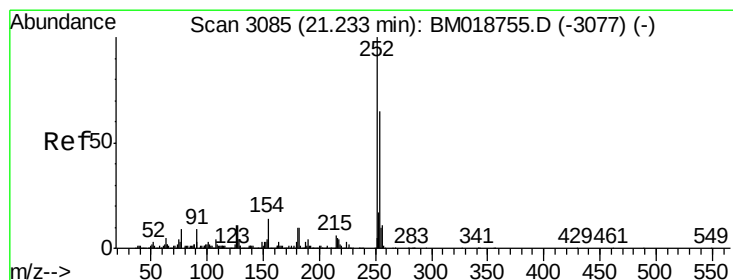
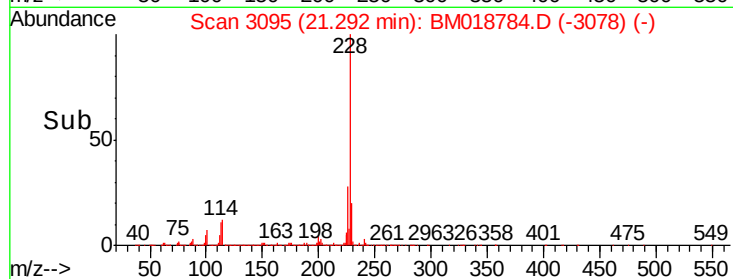
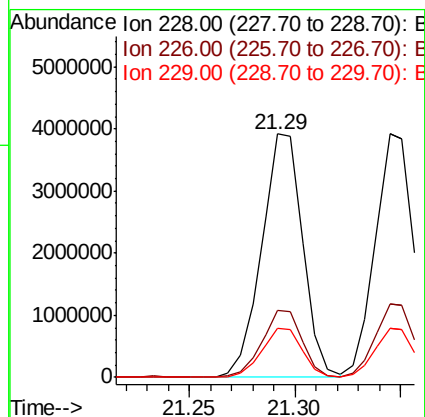
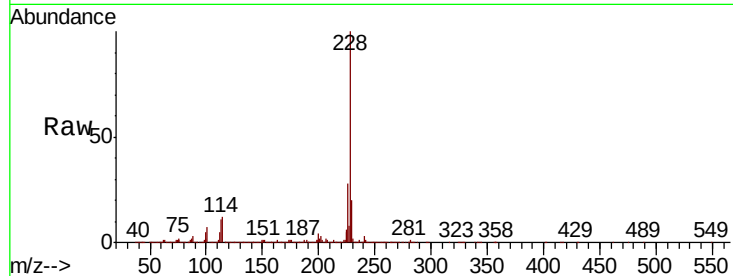
ClientSampleId :

MW-2-20190208MS

Tot Ion:	228	Resp:	5295797
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	20.2	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 33.801 ng

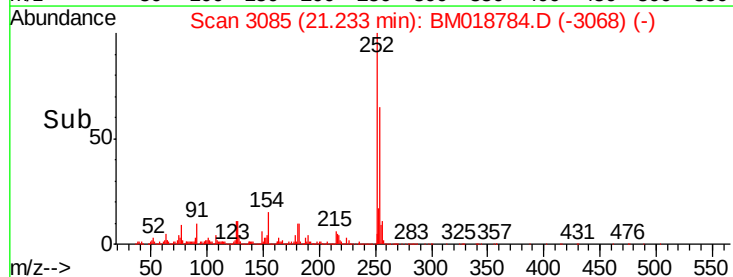
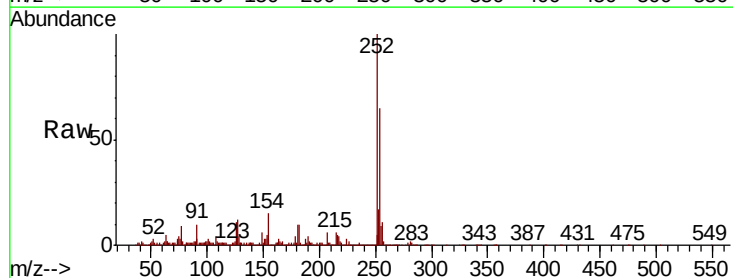
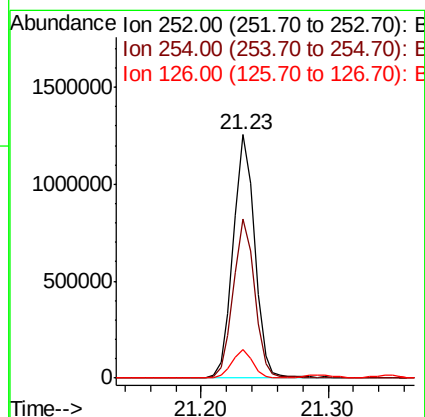
RT: 21.23 min Scan# 3085

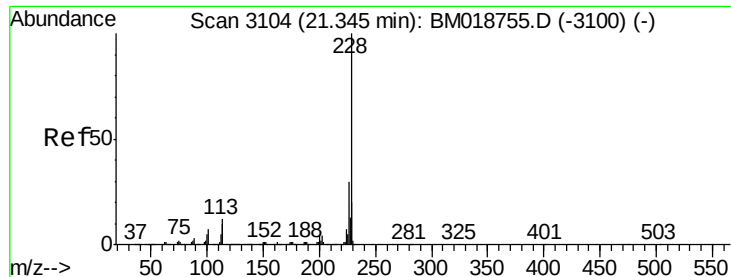
Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Tgt Ion:	252	Resp:	1472826
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.8	77.8
126	11.5	9.1	13.7





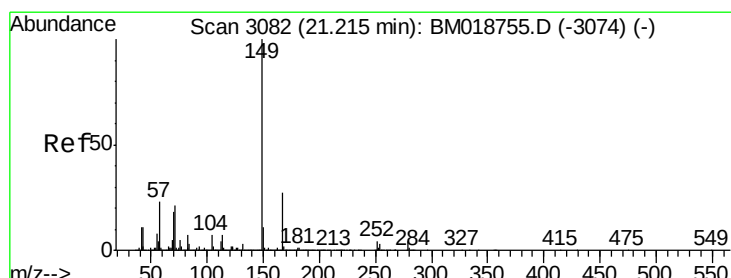
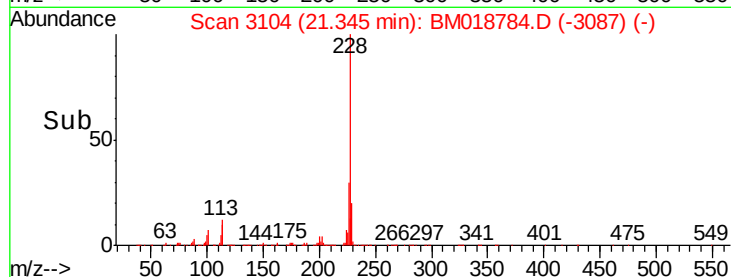
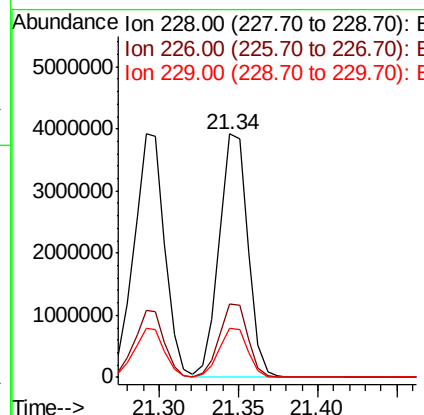
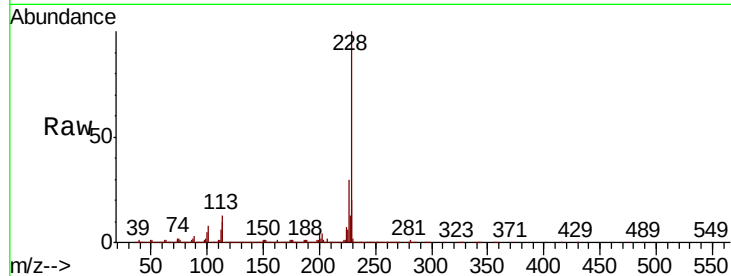
#83
Chrysene
Concen: 46.595 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion:228 Resp: 4923942
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 20.3 16.0 24.0

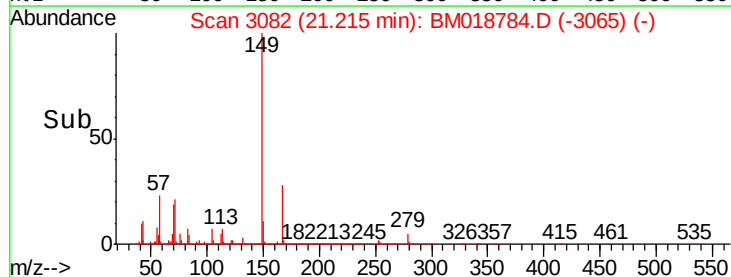
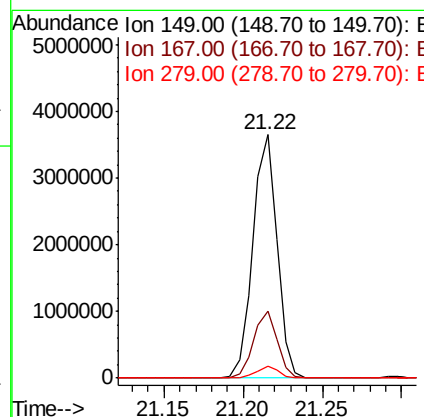
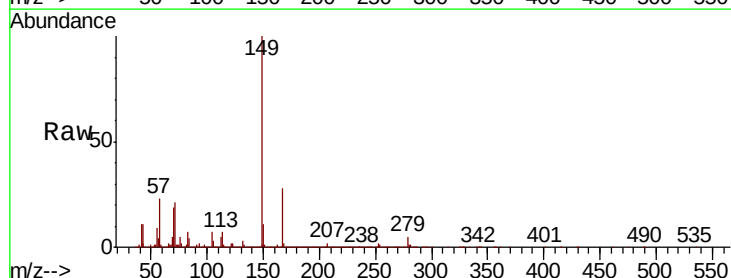
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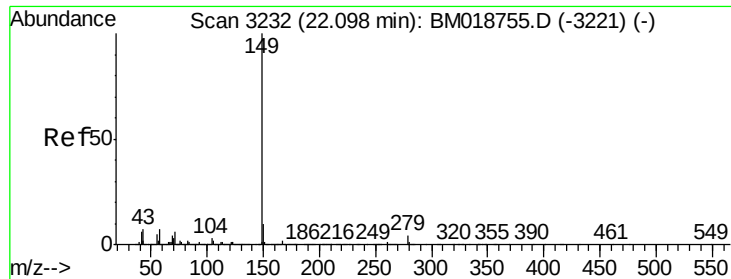
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.482 ng
RT: 21.22 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:149 Resp: 3845558
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.6
279 4.7 3.6 5.4





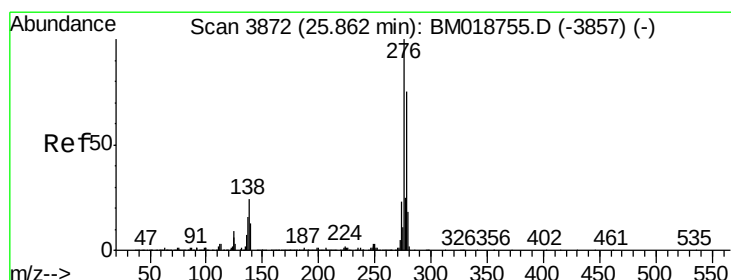
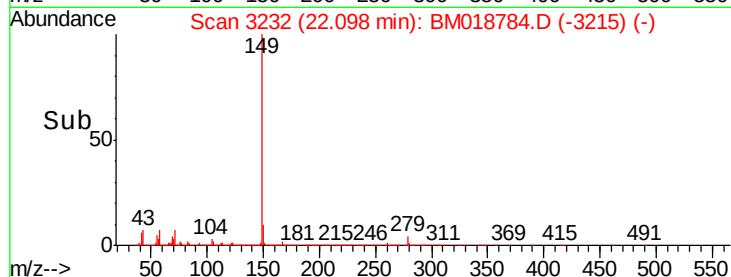
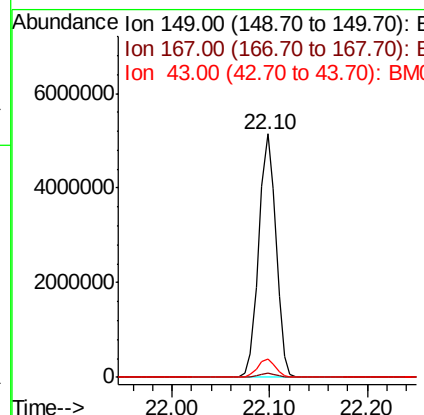
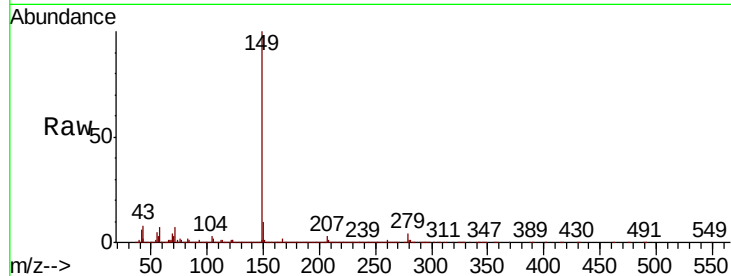
#85
Di-n-octyl phthalate
Concen: 51.401 ng
RT: 22.10 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.0	9.0

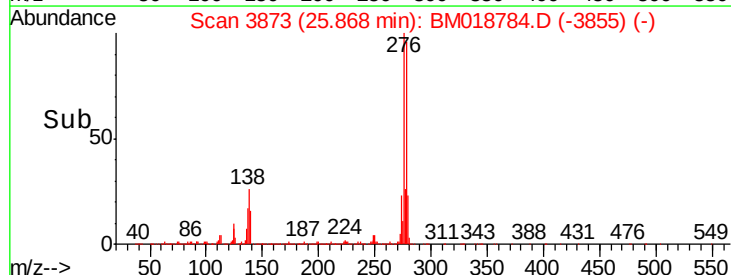
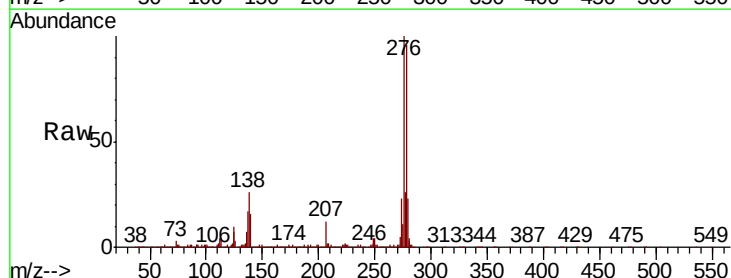
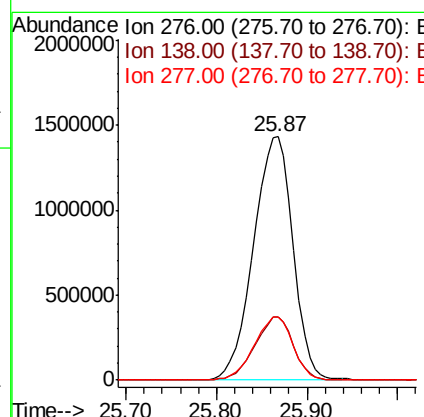
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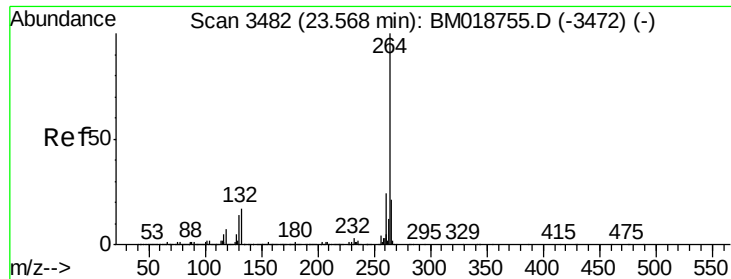
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.655 ng
RT: 25.87 min Scan# 3873
Delta R.T. 0.01 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.4
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MS

Tot Ion:264 Resp: 1565524

Ion Ratio Lower Upper

264 100

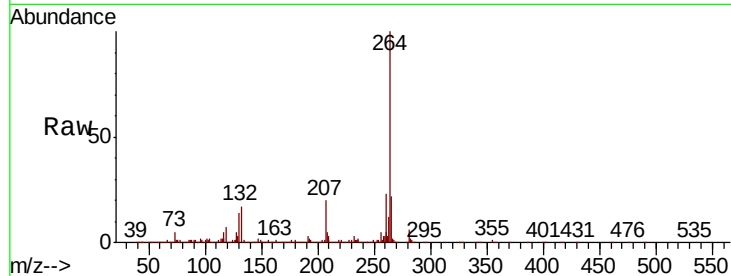
260 23.4 18.9 28.3

265 21.9 17.3 25.9

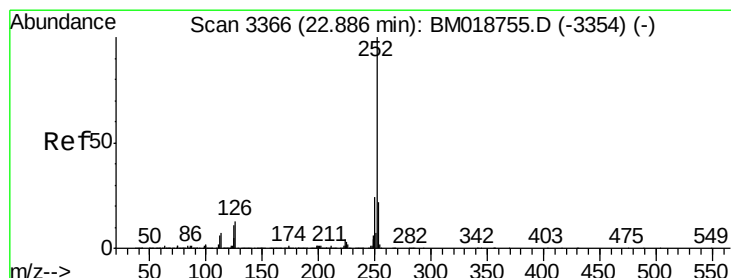
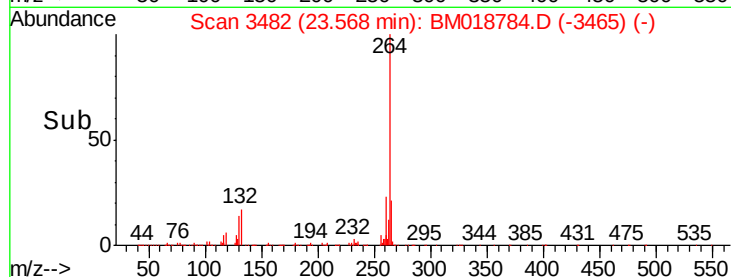
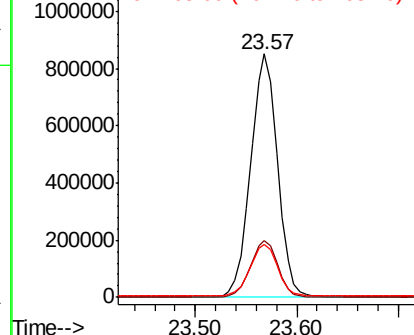
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.766 ng

RT: 22.89 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM018784.D

Acq: 12 Feb 2019 22:06

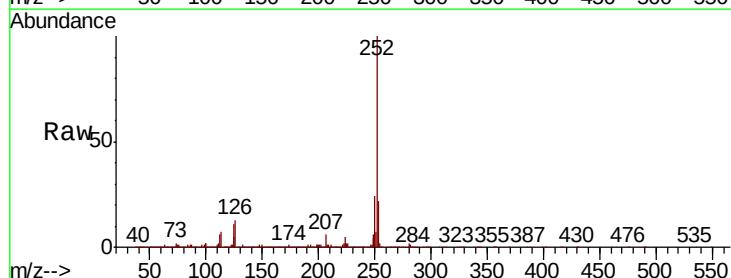
Tgt Ion:252 Resp: 4636631

Ion Ratio Lower Upper

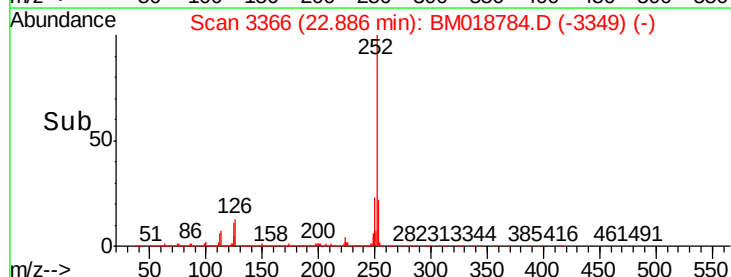
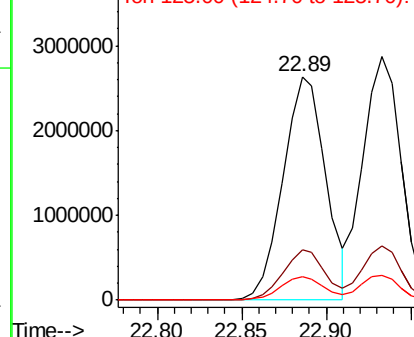
252 100

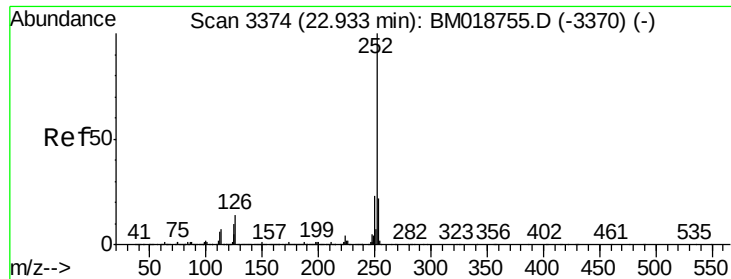
253 22.3 17.8 26.6

125 10.6 8.6 12.8



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





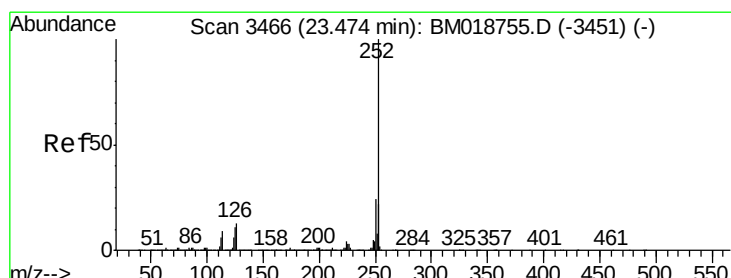
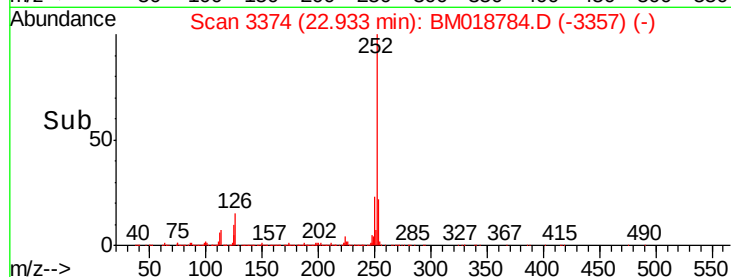
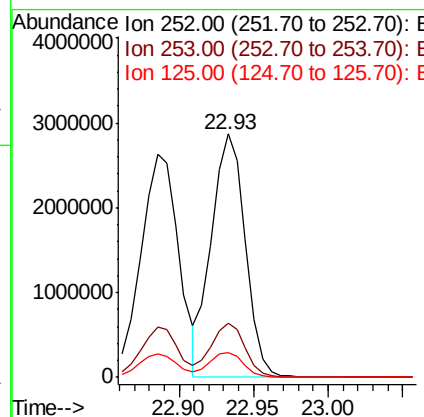
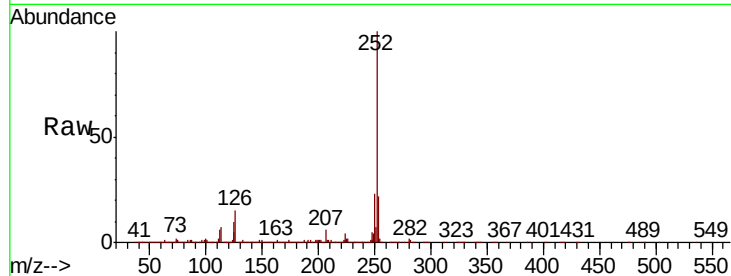
#89
Benzo(k)fluoranthene
Concen: 50.890 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.4	8.2	12.4

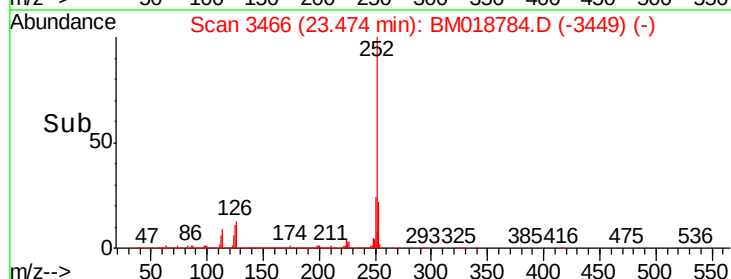
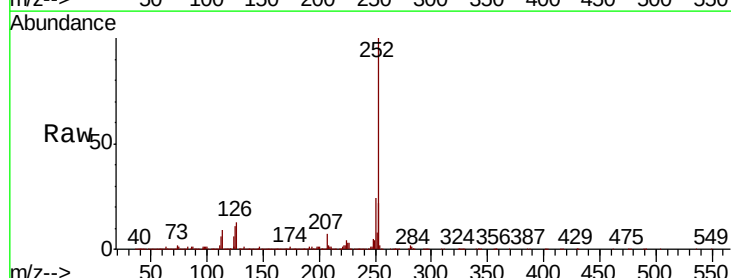
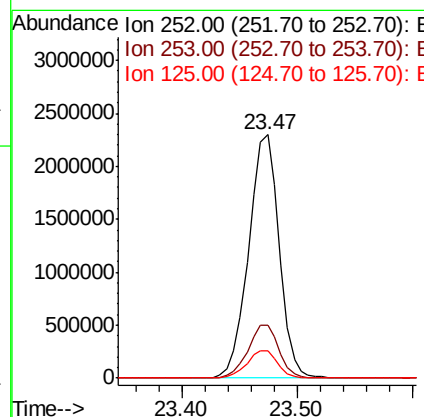
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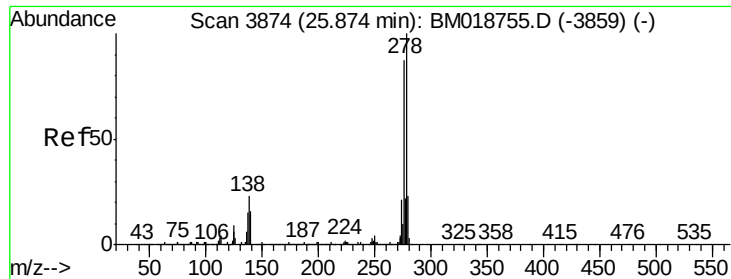
Sohil
2/13/2019 12:20:48 PM



#90
Benzo(a)pyrene
Concen: 49.787 ng
RT: 23.47 min Scan# 3466
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.0	8.6	13.0





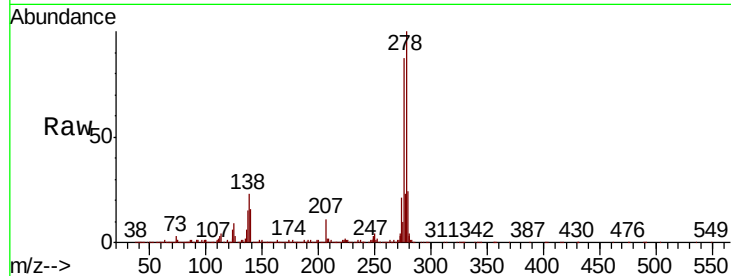
#91
Dibenzo(a,h)anthracene
Concen: 44.199 ng
RT: 25.87 min Scan# 3874
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

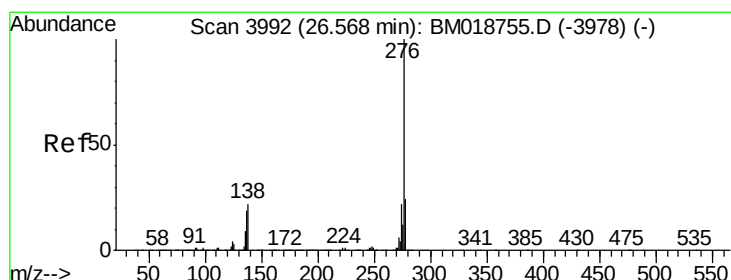
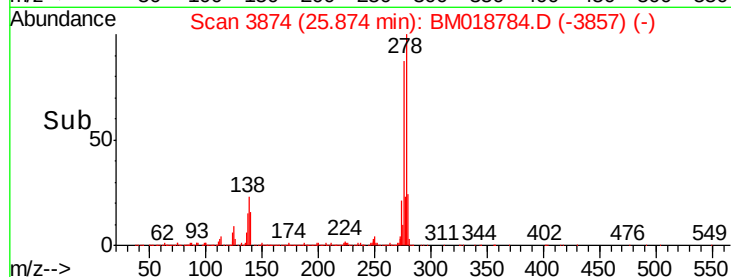
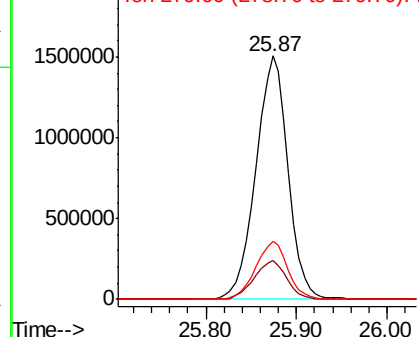
Tot Ion:278 Resp: 3715644
Ion Ratio Lower Upper
278 100
139 15.7 12.6 18.8
279 24.0 18.6 28.0

Manual Integrations
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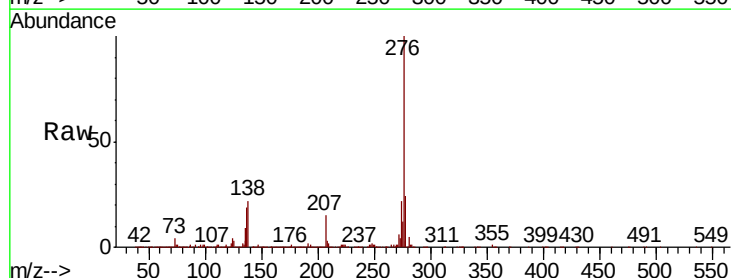


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.898 ng
RT: 26.57 min Scan# 3992
Delta R.T. -0.00 min
Lab File: BM018784.D
Acq: 12 Feb 2019 22:06

Tgt Ion:276 Resp: 3435592
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 21.7 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

