

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017211.D
 Acq On : 19 Oct 2018 02:09
 Operator : MJ/SJ
 Sample : J5569-10MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RLF-SW-5MS

Manual Integrations
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 10/19/2018 2:37:45 PM

Quant Time: Oct 19 13:59:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	329448	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1350712	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	756890	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1552393	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1333530	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1360740	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1493551	76.68	ng	0.00
7) Phenol-d6	6.85	99	1466134	55.27	ng	0.00
23) Nitrobenzene-d5	8.83	82	2014524	87.23	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	1168348	114.14	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4567440	80.29	ng	0.00
79) Terphenyl-d14	19.70	244	5214216	88.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	201525	20.261	ng	# 85
3) Pyridine	3.65	79	515596	22.529	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	295013	32.110	ng	# 67
6) Aniline	7.01	93	813295	24.510	ng	98
8) 2-Chlorophenol	7.24	128	965993	42.867	ng	95
9) Benzaldehyde	6.82	77	732044	43.278	ng	93
10) Phenol	6.88	94	712492	24.955	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	1011838	44.457	ng	98
12) 1,3-Dichlorobenzene	7.56	146	1090603	41.517	ng	96
13) 1,4-Dichlorobenzene	7.70	146	1117278	41.630	ng	97
14) 1,2-Dichlorobenzene	8.02	146	1090944	42.189	ng	99
15) Benzyl Alcohol	7.92	79	821214	42.350	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1396131	43.906	ng	99
17) 2-Methylphenol	8.12	107	729535	39.809	ng	97
18) Hexachloroethane	8.73	117	395762	43.089	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	839222	48.043	ng	99
20) 3+4-Methylphenols	8.44	107	922188	36.792	ng	98
22) Acetophenone	8.49	105	1664393	48.611	ng	# 98
24) Nitrobenzene	8.87	77	1241731	50.830	ng	94
25) Isophorone	9.39	82	2213098	58.032	ng	98
26) 2-Nitrophenol	9.57	139	552058	48.252	ng	95
27) 2,4-Dimethylphenol	9.63	122	911402	54.047	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1409570	52.514	ng	100
29) 2,4-Dichlorophenol	10.10	162	984344	50.275	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	1107643	47.159	ng	99
31) Naphthalene	10.50	128	3361294	50.780	ng	100
32) Benzoic acid	9.76	122	317046	25.198	ng	89
33) 4-Chloroaniline	10.62	127	279063	9.762	ng	97
34) Hexachlorobutadiene	10.77	225	675021	45.358	ng	99
35) Caprolactam	11.47	113	78331m	10.978	ng	
36) 4-Chloro-3-methylphenol	11.74	107	1009755	45.753	ng	95
37) 2-Methylnaphthalene	12.12	142	2542541	56.132	ng	98
38) 1-Methylnaphthalene	12.33	142	2403465	54.518	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1317874	49.442	ng	# 98

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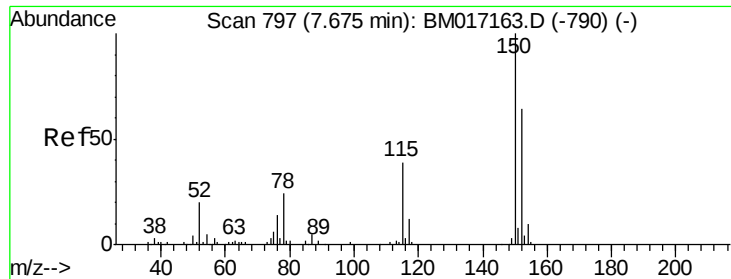
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1805709	140.130	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	807487	52.186	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	861668	51.931	ng	96
46) 1,1'-Biphenyl	13.14	154	3220157	47.277	ng	100
47) 2-Chloronaphthalene	13.18	162	2496158	49.815	ng	99
48) 2-Nitroaniline	13.39	65	707595	49.749	ng	99
49) Acenaphthylene	14.03	152	3945023	54.316	ng	99
50) Dimethylphthalate	13.78	163	3097542	53.045	ng	99
51) 2,6-Dinitrotoluene	13.90	165	656766	51.101	ng	95
52) Acenaphthene	14.37	154	2339626	51.304	ng	98
53) 3-Nitroaniline	14.23	138	261809	18.808	ng	94
54) 2,4-Dinitrophenol	14.44	184	756954	98.296	ng	97
55) Dibenzofuran	14.72	168	3716064	49.001	ng	99
56) 4-Nitrophenol	14.54	139	834685	66.632	ng	95
57) 2,4-Dinitrotoluene	14.69	165	885964	51.289	ng	100
58) Fluorene	15.36	166	2943775	52.443	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	778334	51.461	ng	98
60) Diethylphthalate	15.15	149	2935722	50.694	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1516883	47.401	ng	96
62) 4-Nitroaniline	15.40	138	626683	41.100	ng	94
63) Azobenzene	15.66	77	2848896	50.613	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	488818	48.884	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2548499	54.261	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	937171	54.981	ng	94
68) Hexachlorobenzene	16.36	284	1010290	51.025	ng	96
69) Atrazine	16.54	200	861084	51.225	ng	98
70) Pentachlorophenol	16.71	266	1089116	80.297	ng	99
71) Phenanthrene	17.10	178	4362413	52.084	ng	100
72) Anthracene	17.19	178	4429342	55.656	ng	99
73) Carbazole	17.47	167	3783995	46.546	ng	99
74) Di-n-butylphthalate	18.04	149	4444630	51.836	ng	99
75) Fluoranthene	19.12	202	4552498	48.303	ng	99
77) Benzidine	19.32	184	1543985	45.662	ng	99
78) Pyrene	19.49	202	4546180	60.997	ng	100
80) Butylbenzylphthalate	20.40	149	1720906	58.782	ng	93
81) Benzo(a)anthracene	21.24	228	4113635	54.817	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	733763	26.235	ng	99
83) Chrysene	21.29	228	3913131	52.683	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	2379344	54.076	ng	99
85) Di-n-octyl phthalate	22.05	149	3929558	52.821	ng	100
86) Indeno(1,2,3-cd)pyrene	25.69	276	4811281	57.912	ng	99
88) Benzo(b)fluoranthene	22.80	252	4136584	55.602	ng	100
89) Benzo(k)fluoranthene	22.85	252	3912364	52.408	ng	99
90) Benzo(a)pyrene	23.37	252	3930416	55.642	ng	100
91) Dibenzo(a,h)anthracene	25.70	278	4065296	57.959	ng	99
92) Benzo(g,h,i)perylene	26.36	276	4097591	58.943	ng	98

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



#1

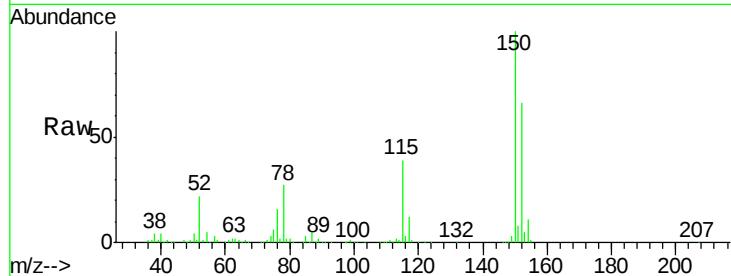
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

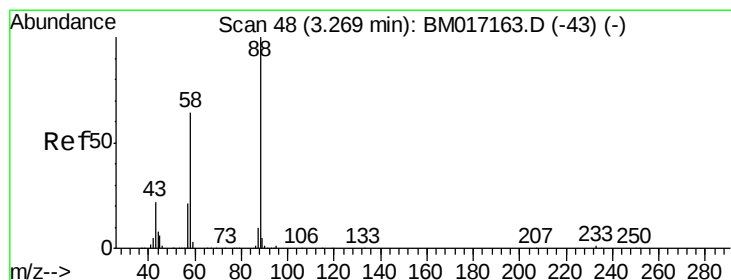
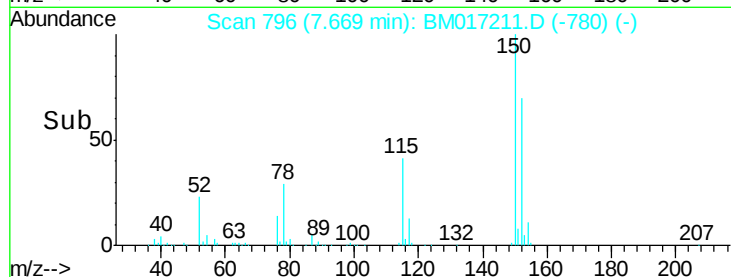
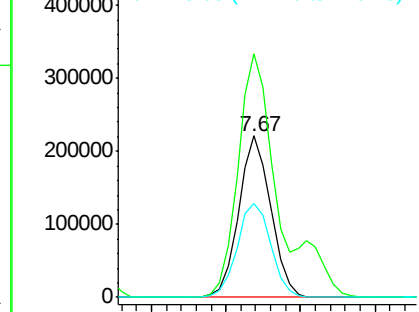
Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.3	186.5
115	58.3	48.1	72.1

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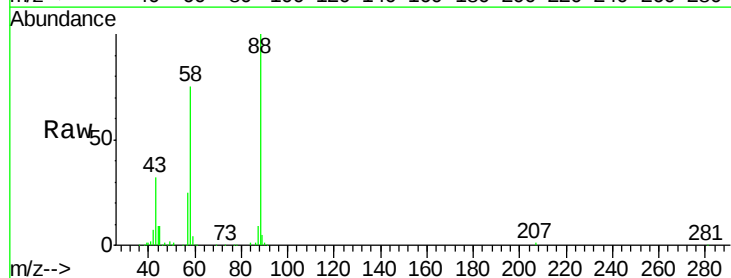
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



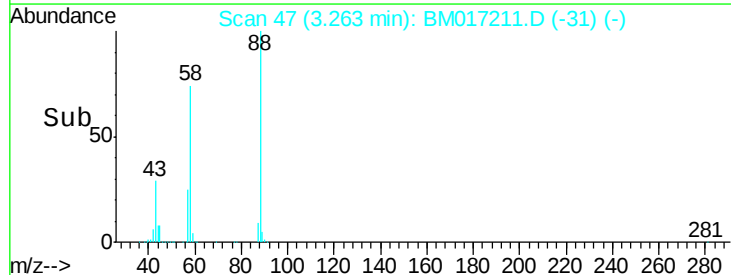
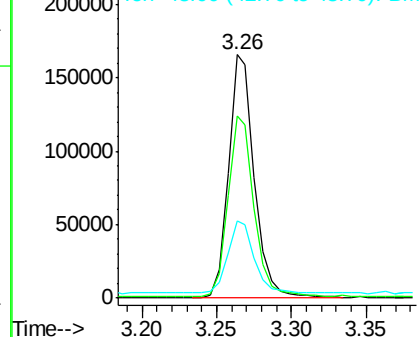
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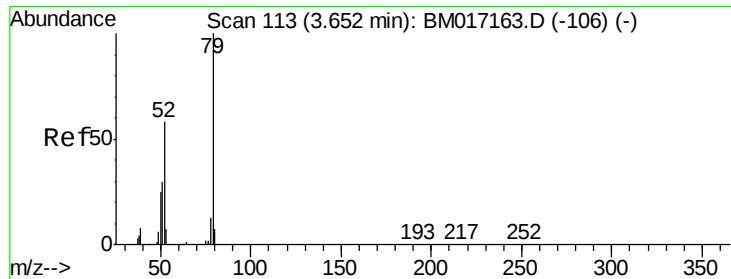
1,4-Dioxane
Concen: 20.261 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	50.2	75.4
43	30.2	19.3	28.9



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

Pyridine

Concen: 22.529 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

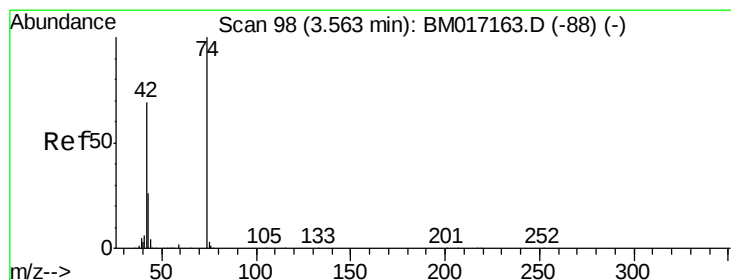
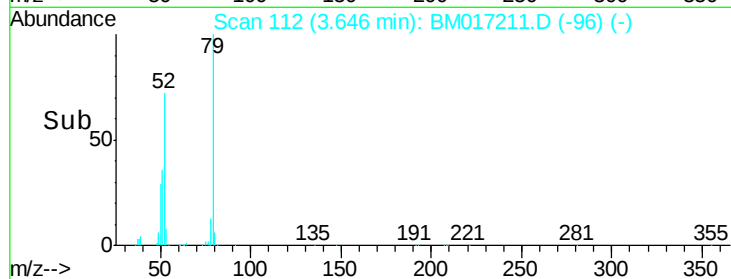
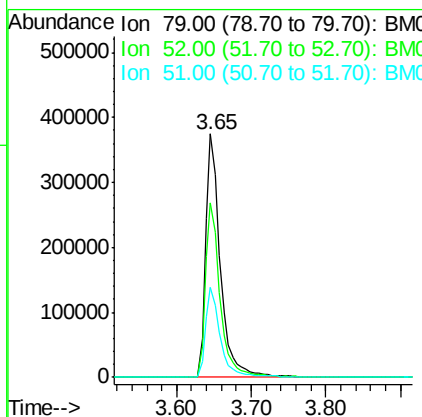
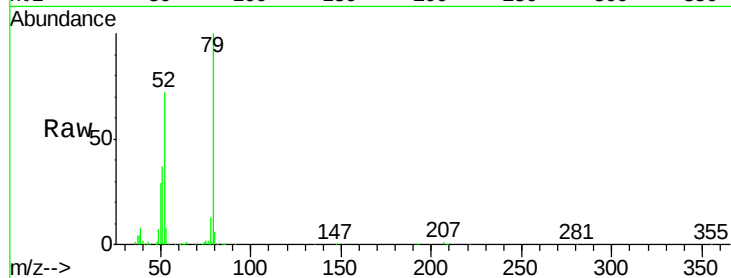
ClientSampleId :

RLF-SW-5MS

Tgt Ion:	79	Resp:	515596
Ion Ratio	Lower	Upper	
79	100		
52	71.7	46.5	69.7#
51	36.9	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 32.110 ng

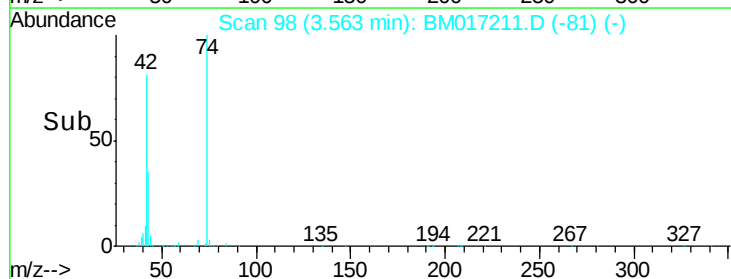
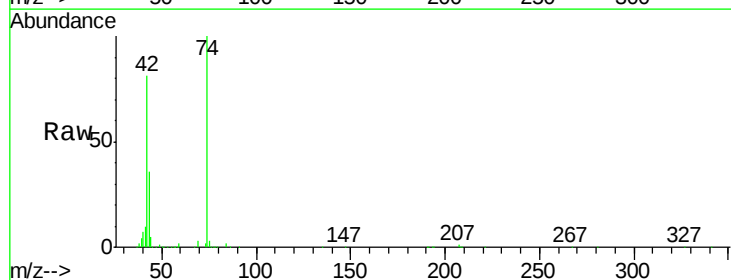
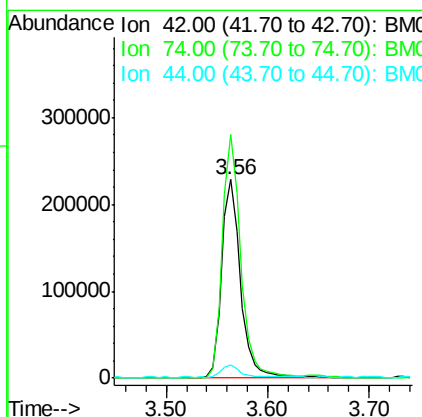
RT: 3.56 min Scan# 98

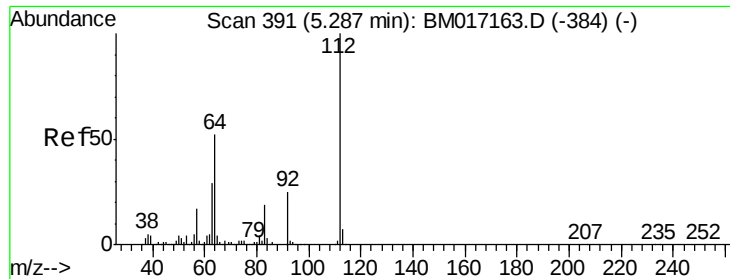
Delta R.T. -0.00 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Tgt Ion:	42	Resp:	295013
Ion Ratio	Lower	Upper	
42	100		
74	122.8	114.4	171.6
44	6.7	48.6	73.0#





#5

2-Fluorophenol

Concen: 76.677 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

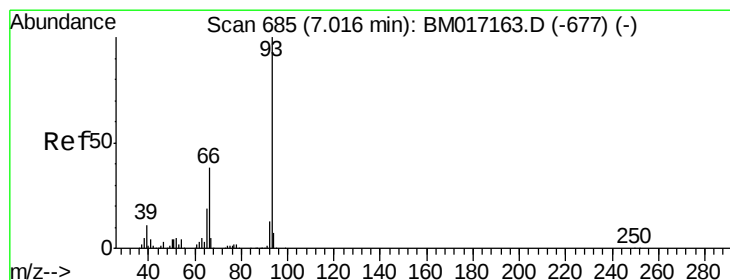
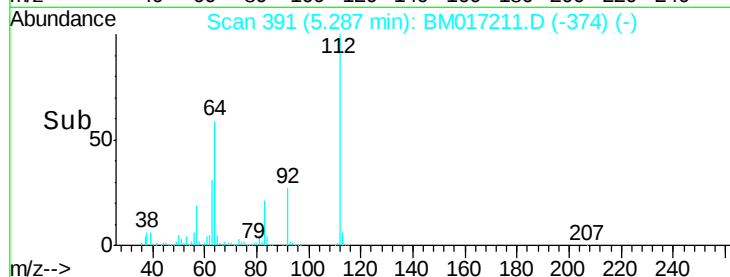
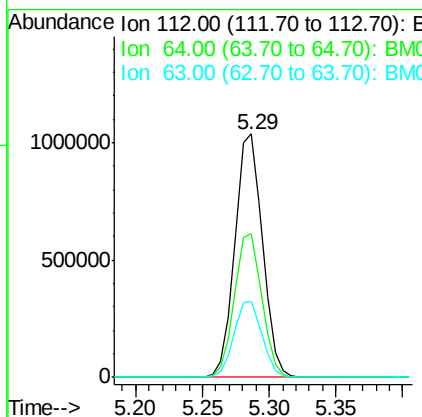
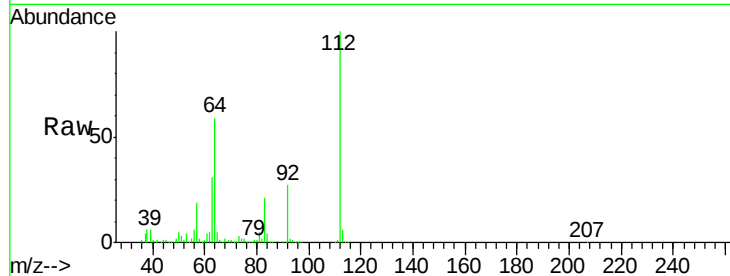
ClientSampleId :

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Tgt Ion:	112	Resp:	1493551
Ion	Ratio	Lower	Upper
112	100		
64	59.3	41.7	62.5
63	31.4	23.0	34.4

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#6

Aniline

Concen: 24.510 ng

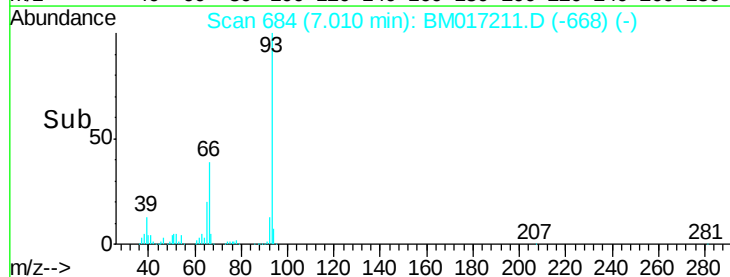
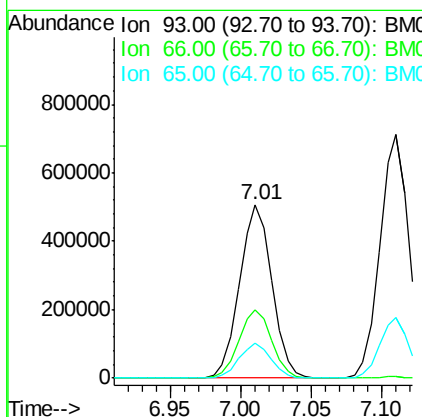
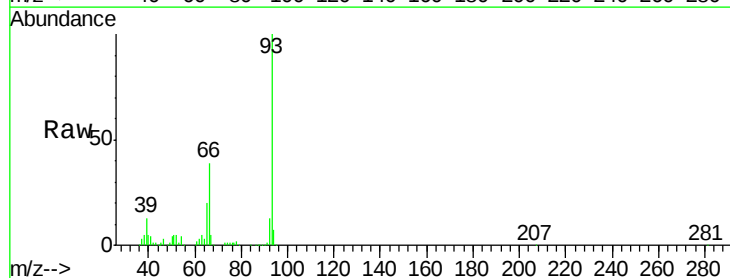
RT: 7.01 min Scan# 684

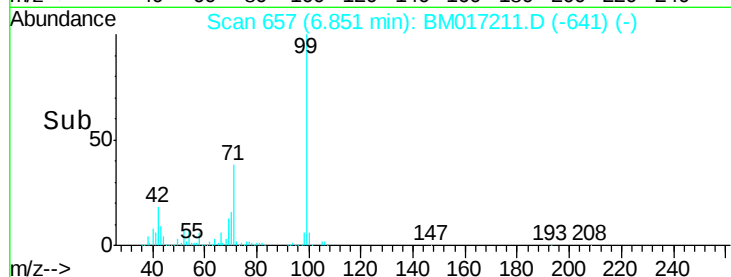
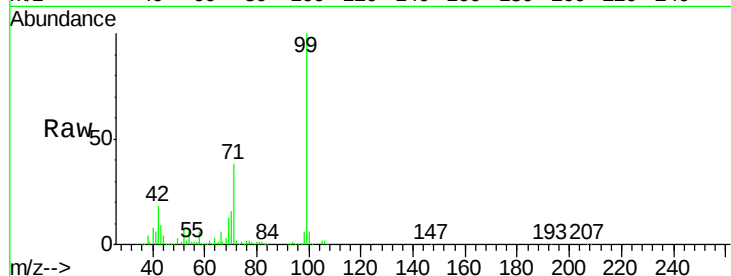
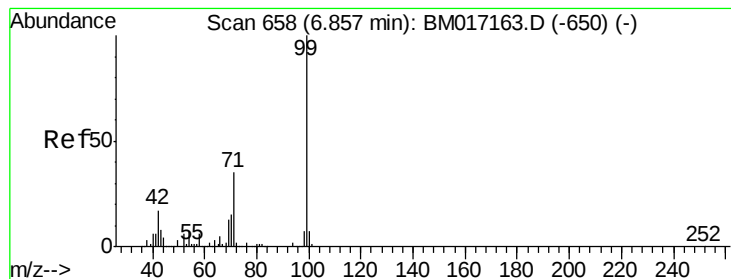
Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Tgt Ion:	93	Resp:	813295
Ion	Ratio	Lower	Upper
93	100		
66	39.3	30.4	45.6
65	20.0	15.3	22.9





#7

Phenol-d6

Concen: 55.266 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Tgt Ion: 99 Resp: 1466134

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

71 37.6 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

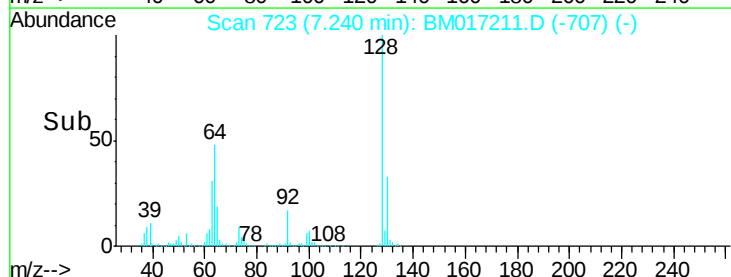
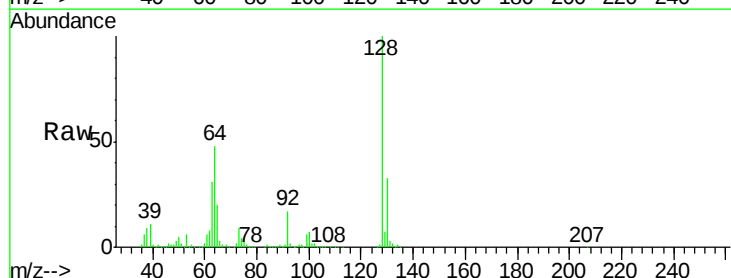
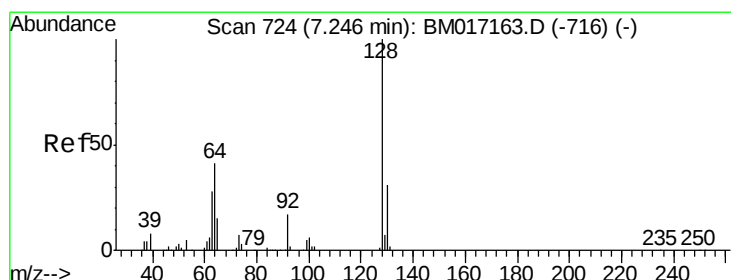
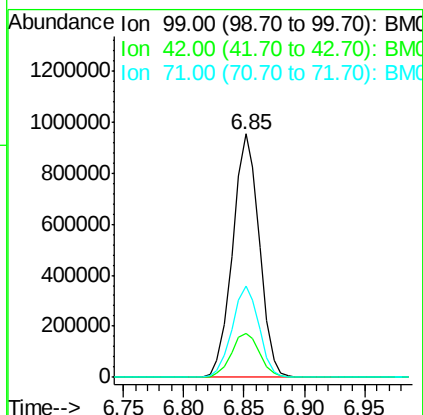
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#8

2-Chlorophenol

Concen: 42.867 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

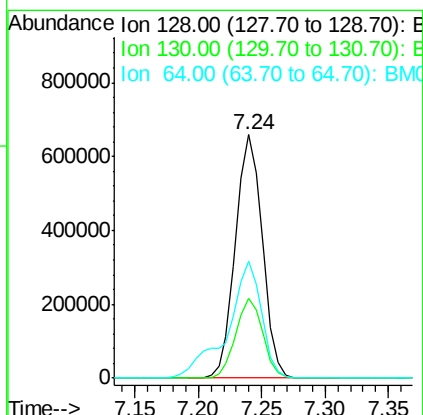
Tgt Ion: 128 Resp: 965993

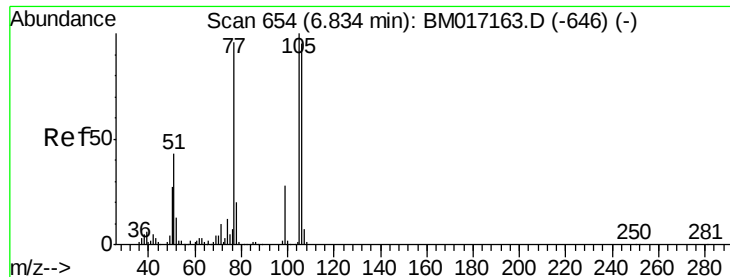
Ion Ratio Lower Upper

128 100

130 32.6 11.0 51.0

64 48.2 24.1 64.1





#9

Benzaldehyde

Concen: 43.278 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

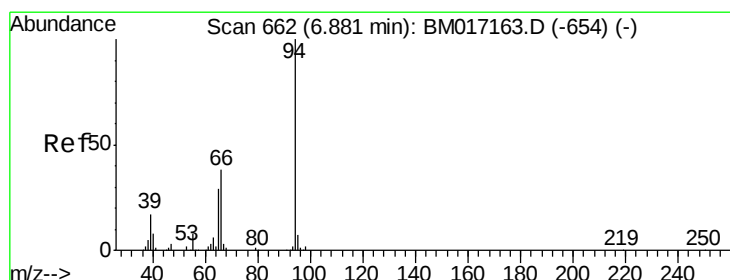
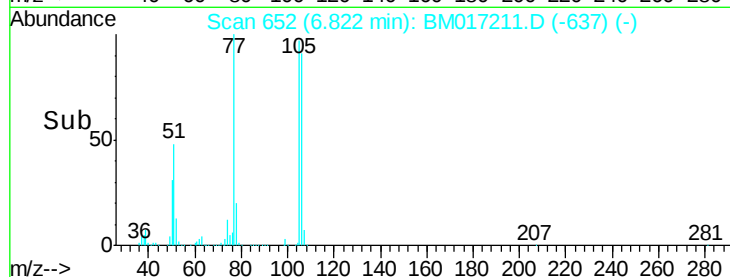
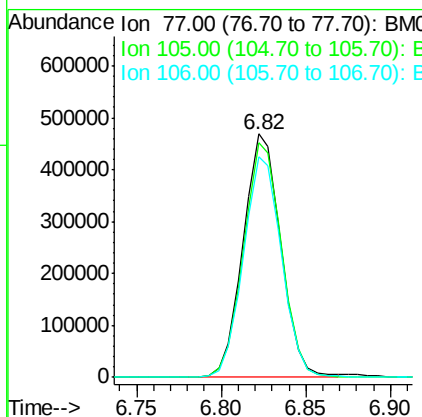
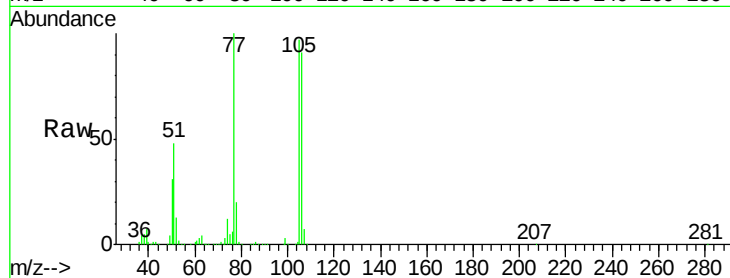
ClientSampleId :

RLF-SW-5MS

Tgt Ion:	77	Resp:	732044
Ion	Ratio	Lower	Upper
77	100		
105	96.6	83.9	123.9
106	90.5	78.2	118.2

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#10

Phenol

Concen: 24.955 ng

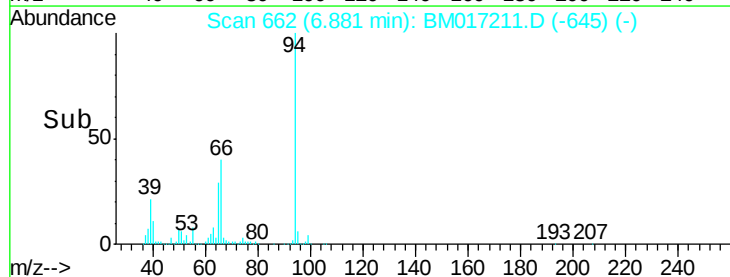
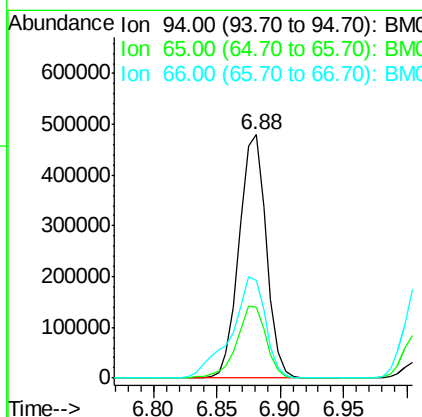
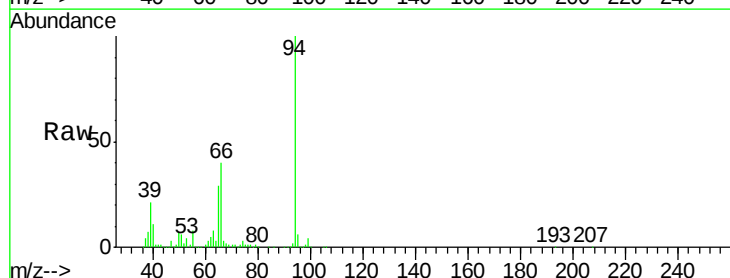
RT: 6.88 min Scan# 662

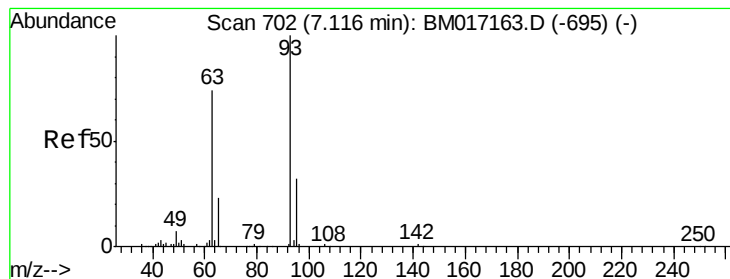
Delta R.T. -0.00 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Tgt Ion:	94	Resp:	712492
Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.4	49.4
66	40.3	19.0	59.0





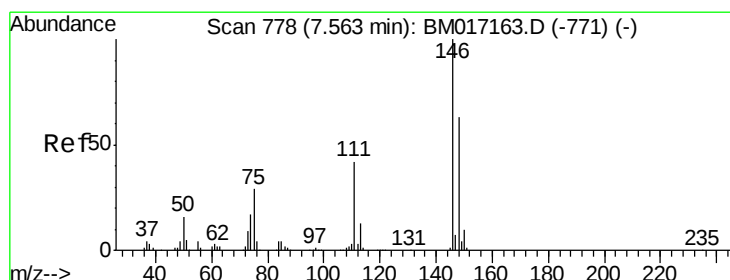
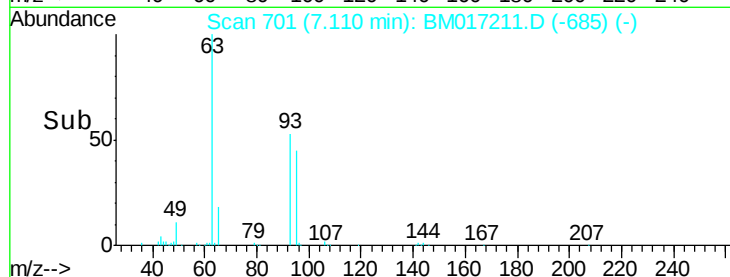
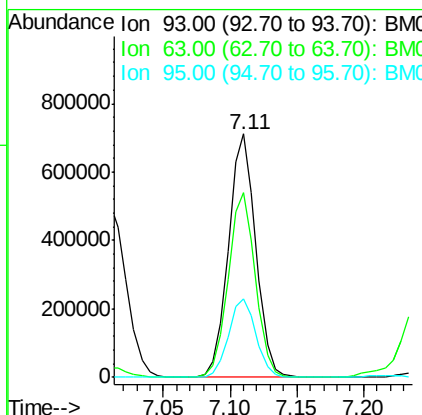
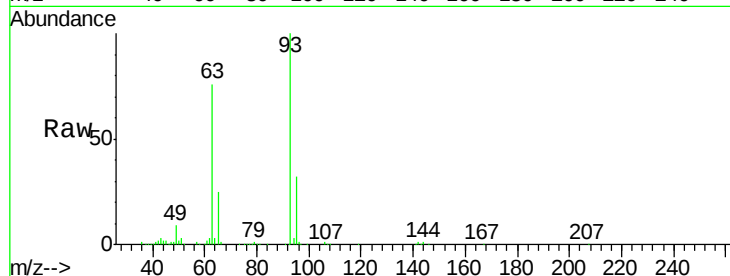
#11
bis(2-Chloroethyl)ether
Concen: 44.457 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion: 93 Resp: 1011838
Ion Ratio Lower Upper
93 100
63 76.0 54.0 94.0
95 32.4 11.8 51.8

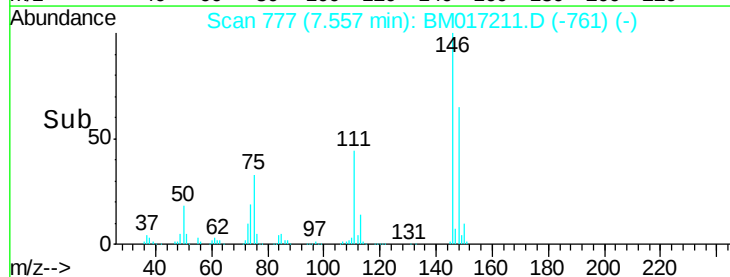
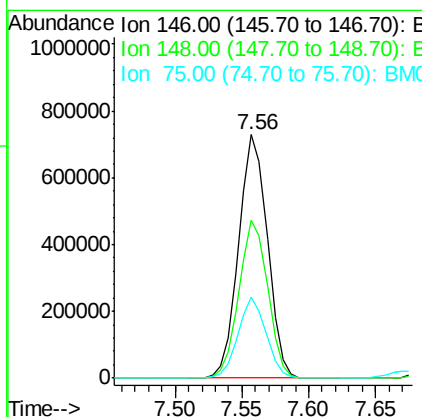
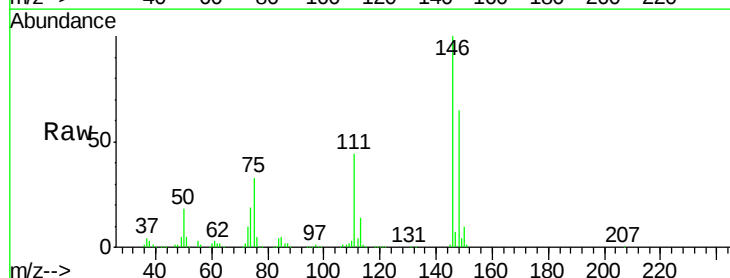
Manual Integrations
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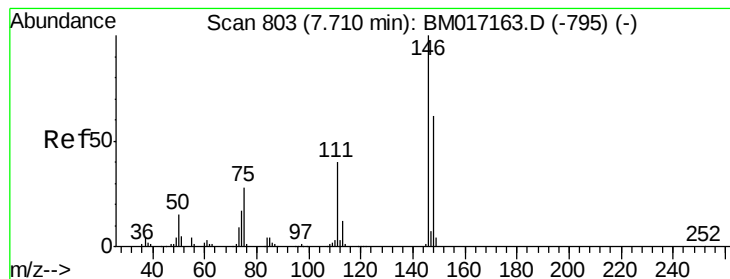
Sohil
10/19/2018 2:37:45 PM



#12
1,3-Dichlorobenzene
Concen: 41.517 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion: 146 Resp: 1090603
Ion Ratio Lower Upper
146 100
148 64.8 50.2 75.4
75 33.2 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 41.630 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

ClientSampleId :

RLF-SW-5MS

Tgt Ion:146 Resp: 1117278

Ion Ratio Lower Upper

146 100

148 64.7 49.8 74.6

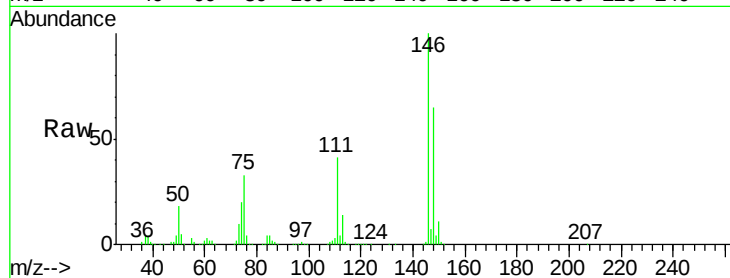
111 41.5 32.1 48.1

Manual Integrations

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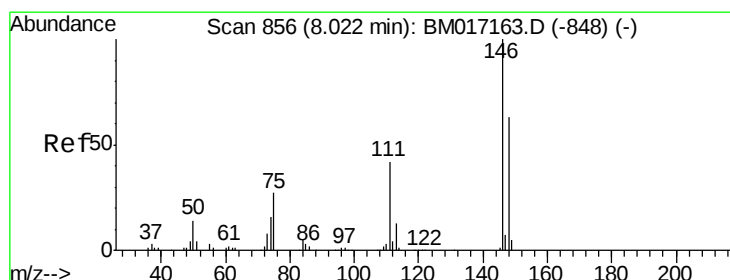
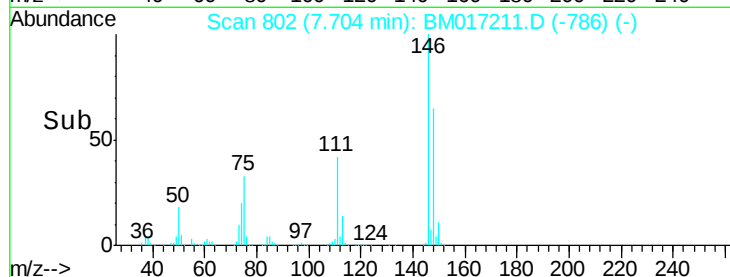
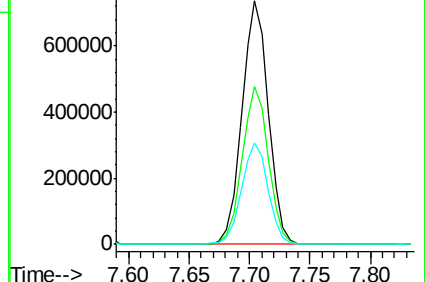
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.189 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

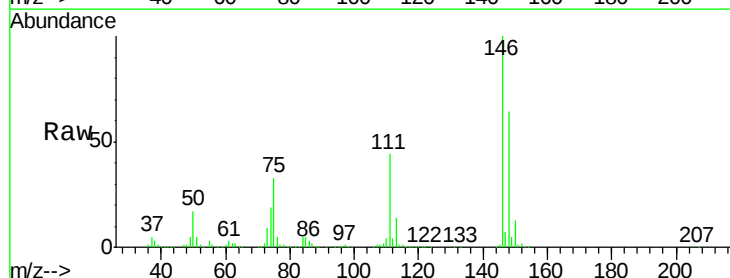
Tgt Ion:146 Resp: 1090944

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

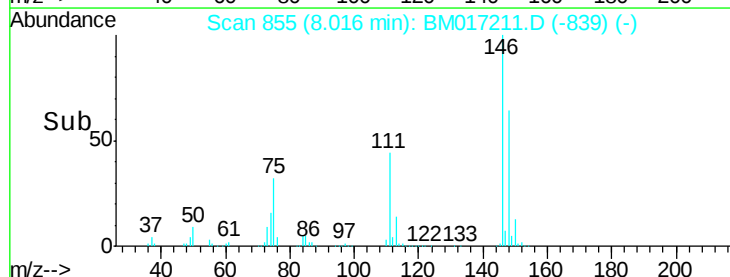
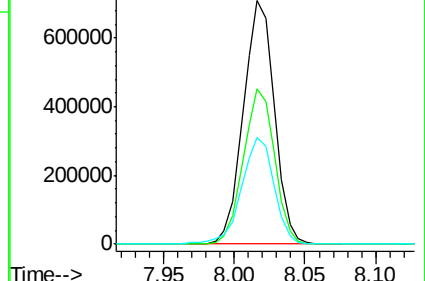
111 43.6 33.8 50.6

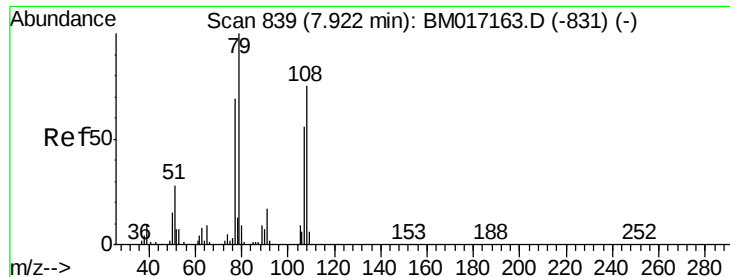


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.350 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

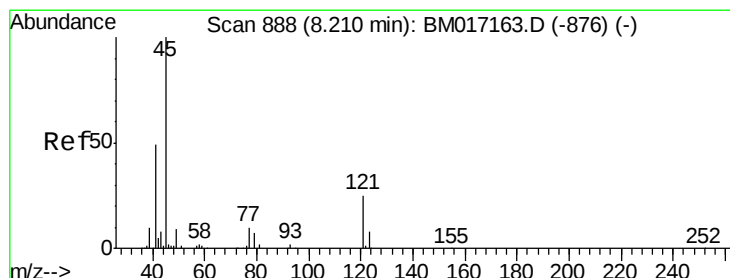
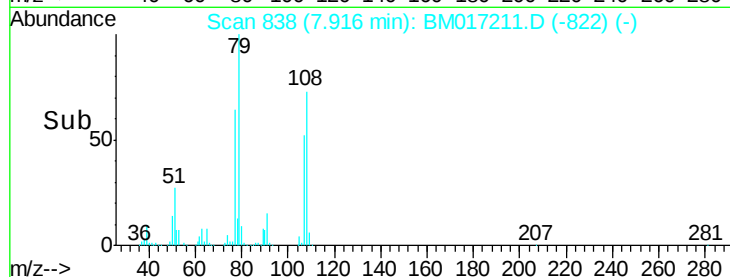
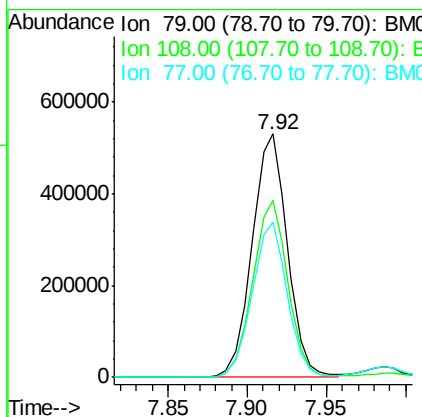
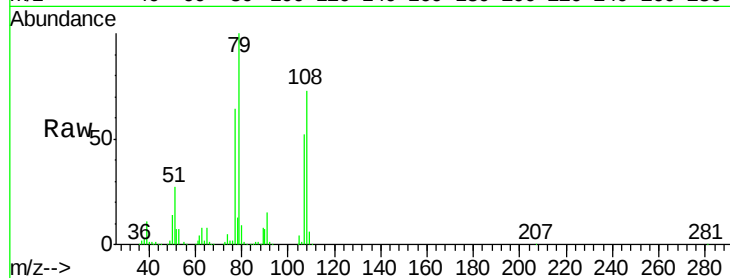
ClientSampleId :

RLF-SW-5MS

Tgt Ion:	79	Resp:	821214
Ion	Ratio	Lower	Upper
79	100		
108	73.0	60.3	90.5
77	64.0	54.8	82.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.906 ng

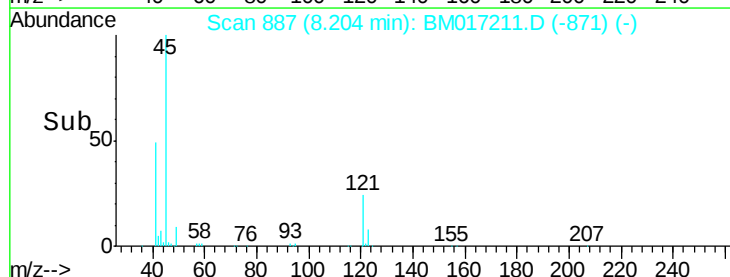
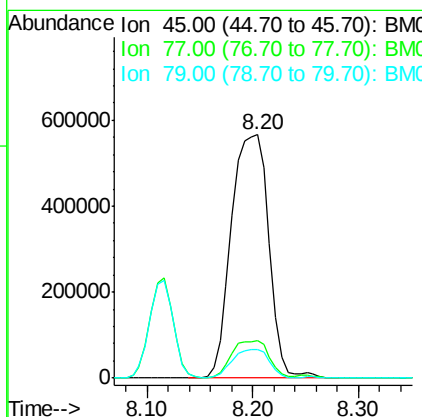
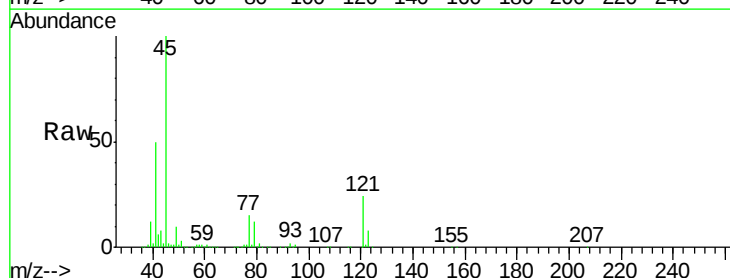
RT: 8.20 min Scan# 887

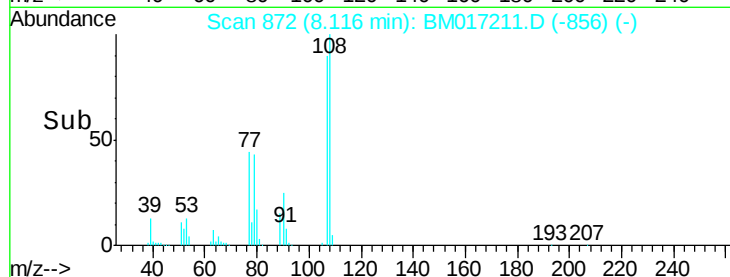
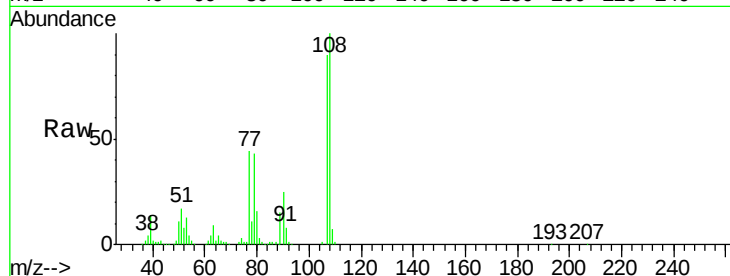
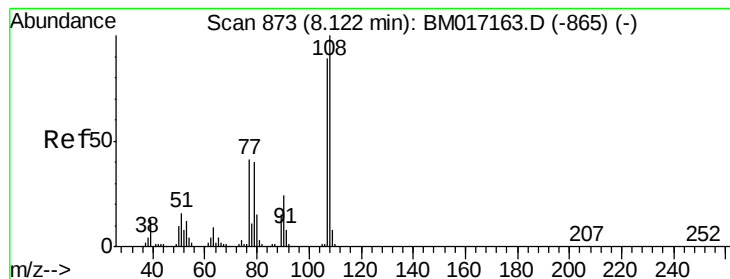
Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Tgt Ion:	45	Resp:	1396131
Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.5
79	11.7	0.0	32.1





#17

2-Methylphenol

Concen: 39.809 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Tgt	Ion	Ratio	Resp	Lower	Upper
107	100		729535		
108	111.4	90.3	135.5		
77	49.4	37.0	55.4		
79	48.1	35.8	53.6		

Instrument :

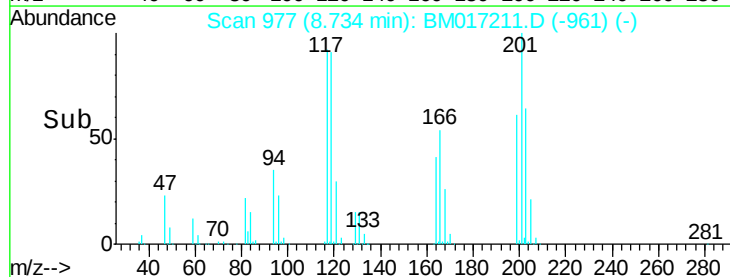
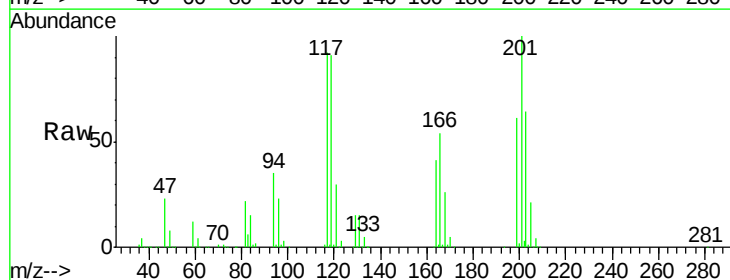
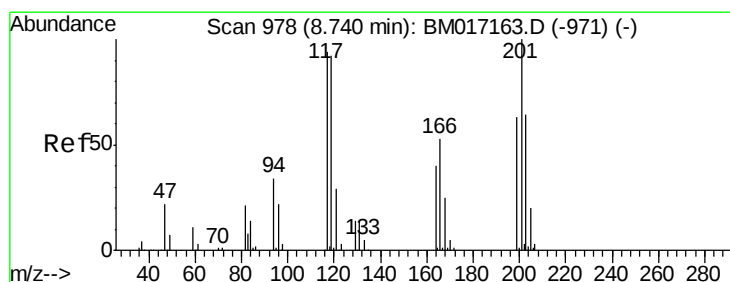
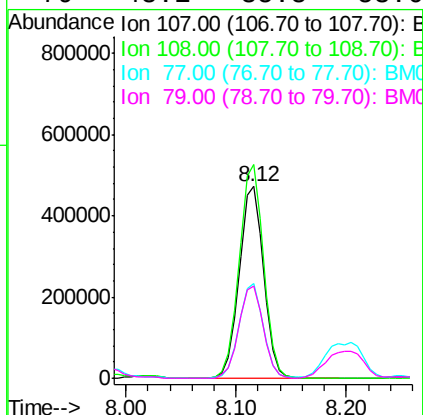
BNA_M

ClientSampleId :

RLF-SW-5MS

Manual Integrations
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#18

Hexachloroethane

Concen: 43.089 ng

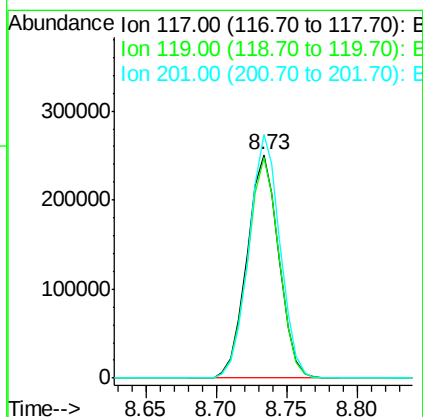
RT: 8.73 min Scan# 977

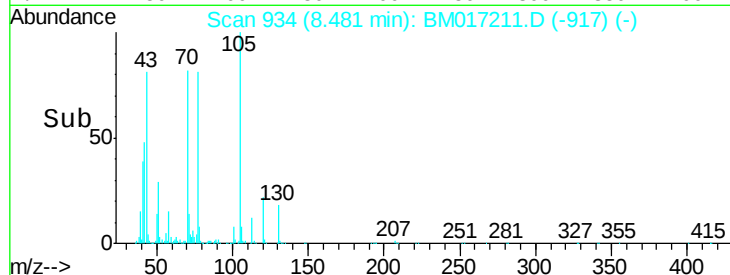
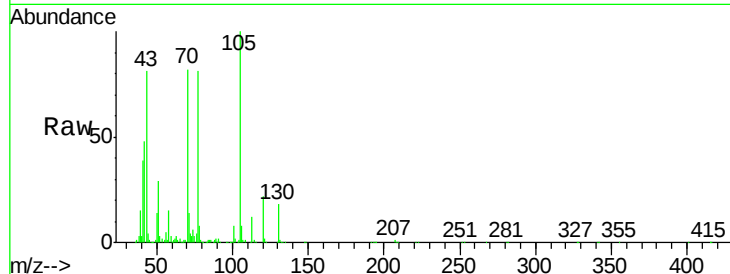
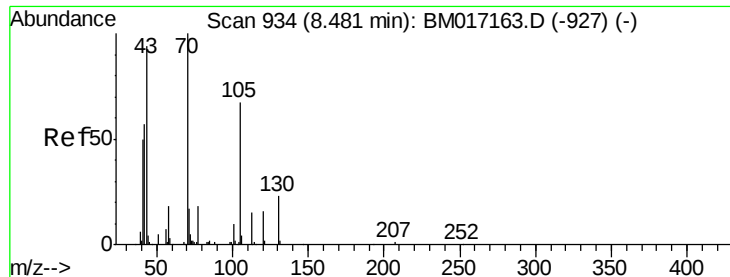
Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Tgt	Ion	Ratio	Resp	Lower	Upper
117	100		395762		
119	98.8	78.2	117.2		
201	109.1	85.3	127.9		





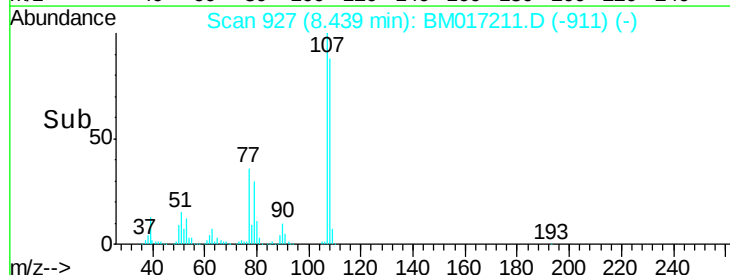
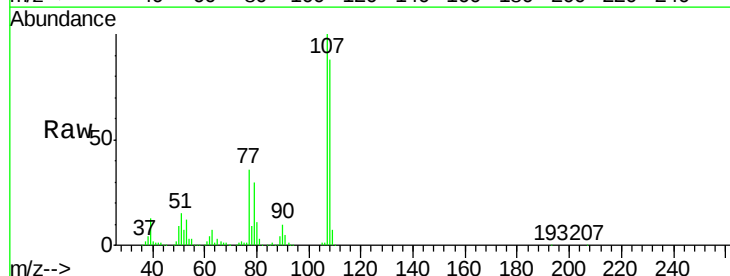
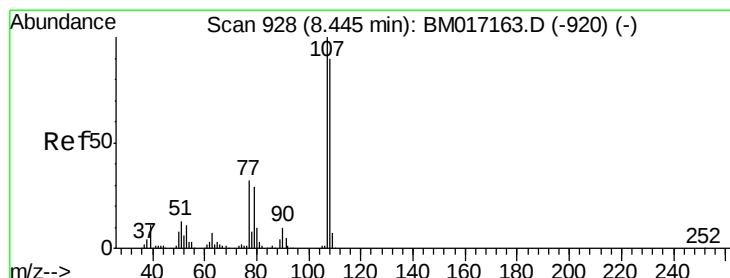
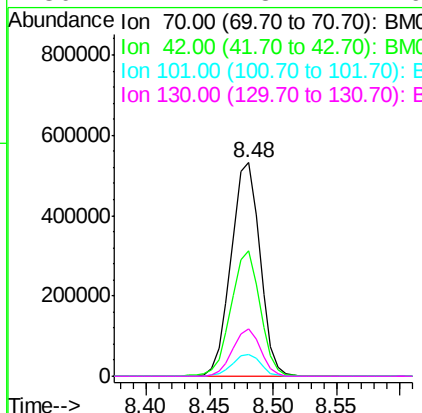
#19
n-Nitroso-di-n-propylamine
Concen: 48.043 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.00 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.7	46.1	69.1
101	9.9	8.2	12.4
130	22.1	18.4	27.6

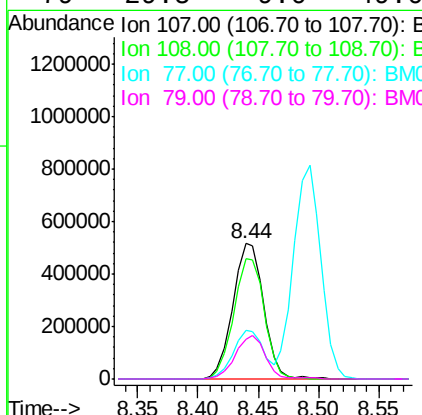
Manual Integrations
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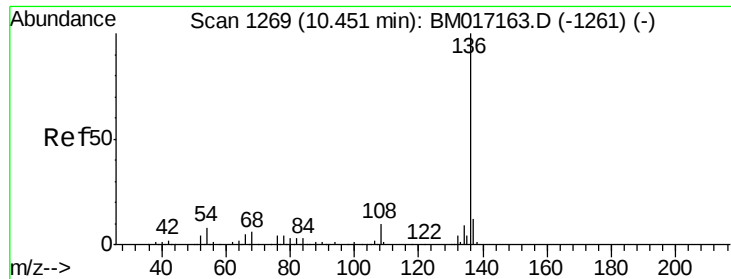
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#20
3+4-Methylphenols
Concen: 36.792 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

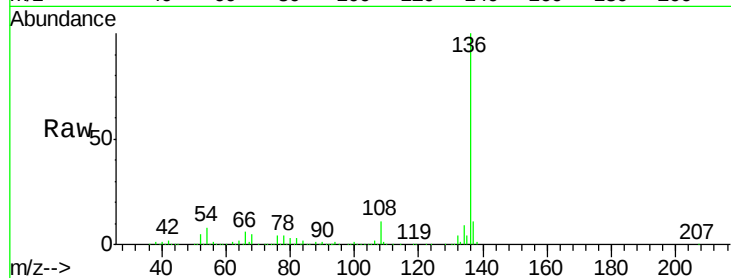
Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.9	109.9
77	35.8	12.2	52.2
79	29.5	9.0	49.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

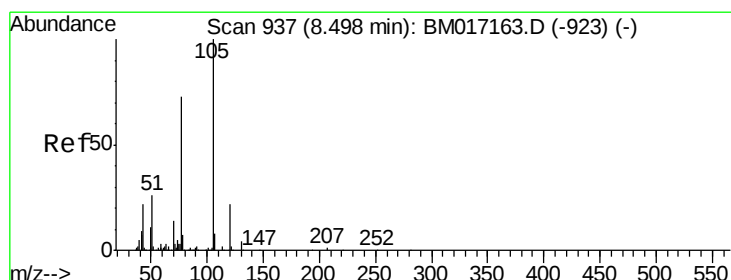
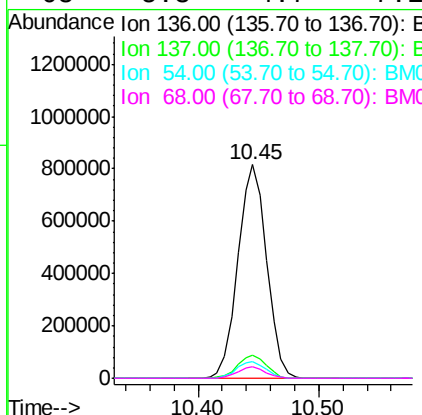
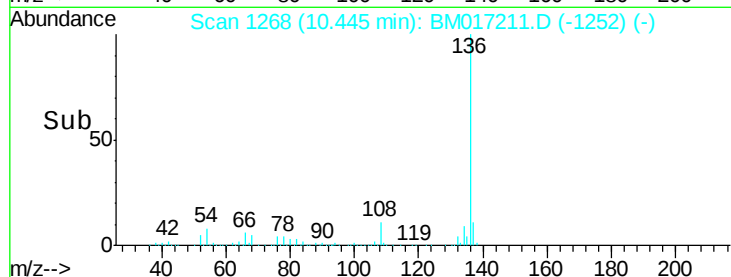
Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.6	6.7	10.1
68	5.3	4.7	7.1

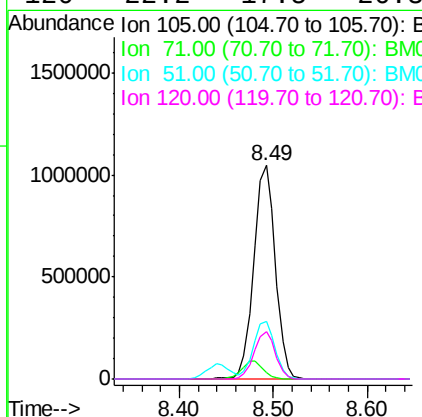
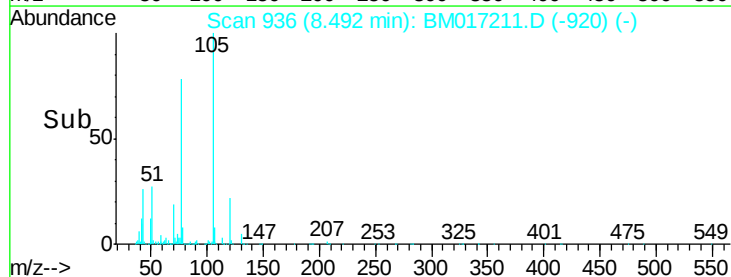
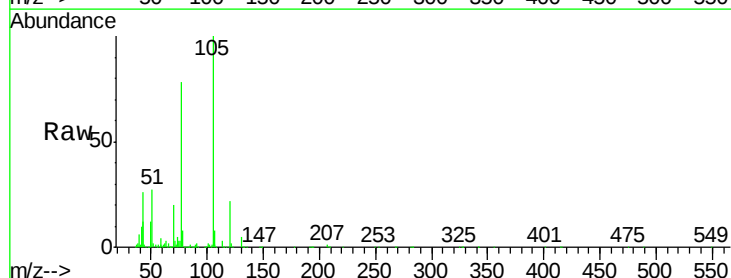
Manual Integrations
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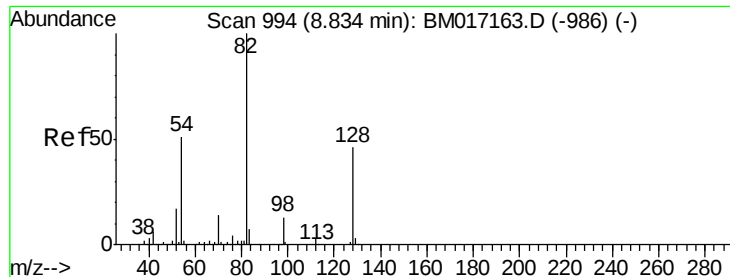
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#22
Acetophenone
Concen: 48.611 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.0	3.0#
51	27.2	20.6	31.0
120	22.2	17.5	26.3





#23

Nitrobenzene-d5

Concen: 87.229 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

ClientSampleId :

RLF-SW-5MS

Tgt Ion: 82 Resp: 2014524

Ion Ratio Lower Upper

82 100

128 42.8 37.0 55.6

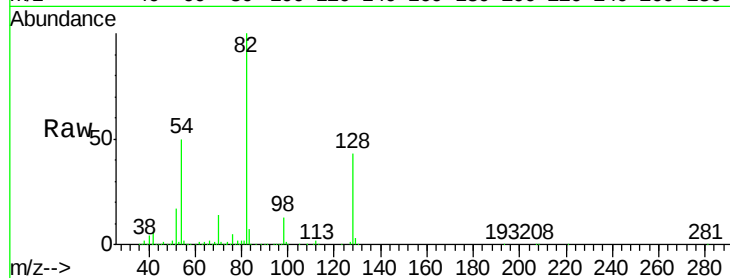
54 49.6 40.7 61.1

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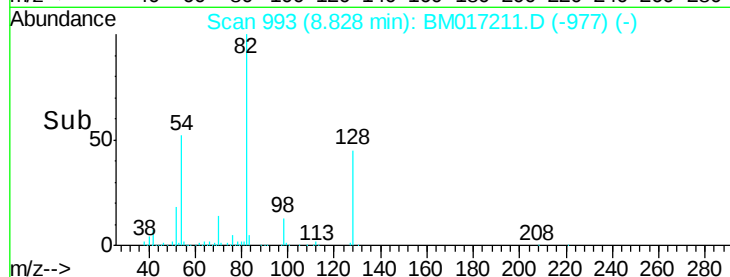


Abundance Ion 82.00 (81.70 to 82.70): BM017211.D (-977) (-)

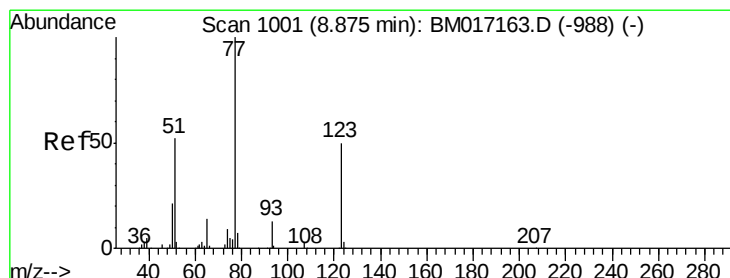
Ion 128.00 (127.70 to 128.70): BM017211.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM017211.D (-977) (-)

Time-->



Time-->



#24

Nitrobenzene

Concen: 50.830 ng

RT: 8.87 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

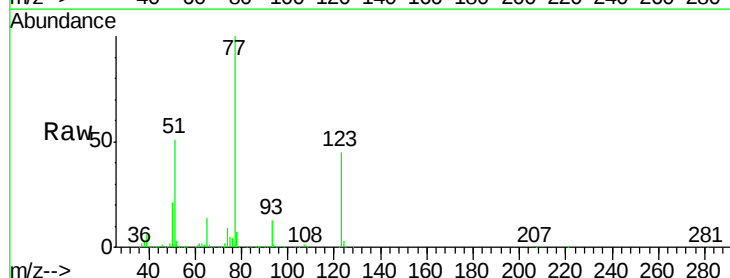
Tgt Ion: 77 Resp: 1241731

Ion Ratio Lower Upper

77 100

123 45.0 40.2 60.4

65 13.8 11.4 17.0

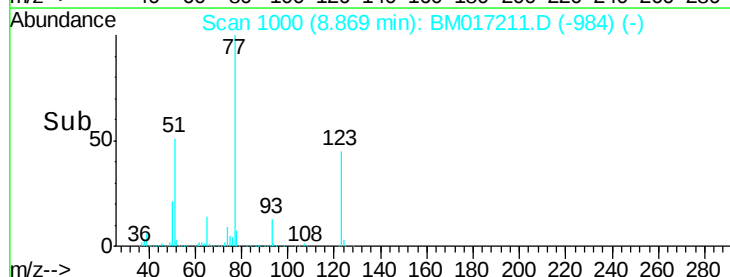


Abundance Ion 77.00 (76.70 to 77.70): BM017211.D (-984) (-)

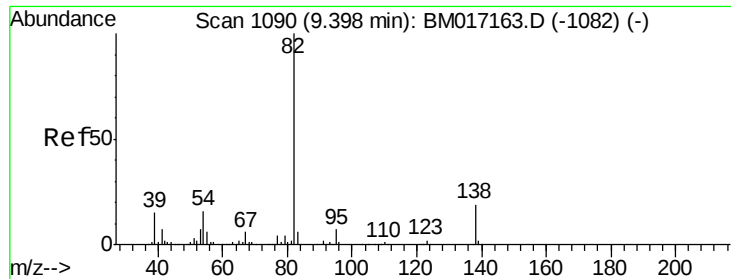
Ion 123.00 (122.70 to 123.70): BM017211.D (-984) (-)

Ion 65.00 (64.70 to 65.70): BM017211.D (-984) (-)

Time-->



Time-->



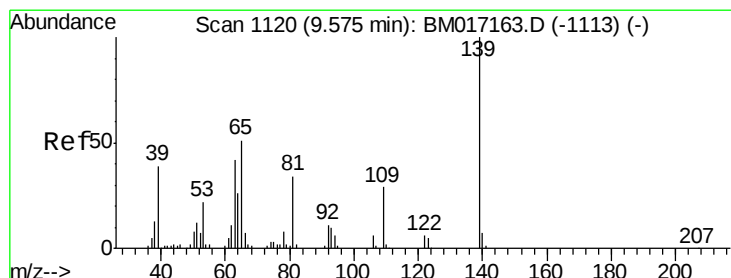
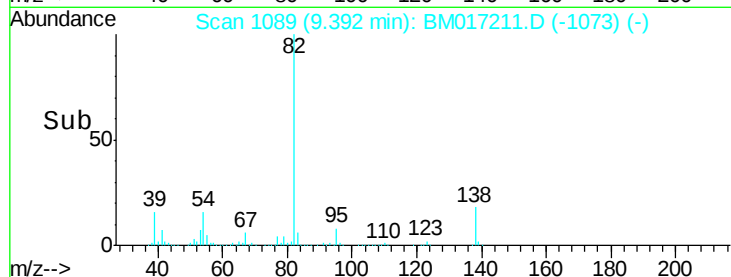
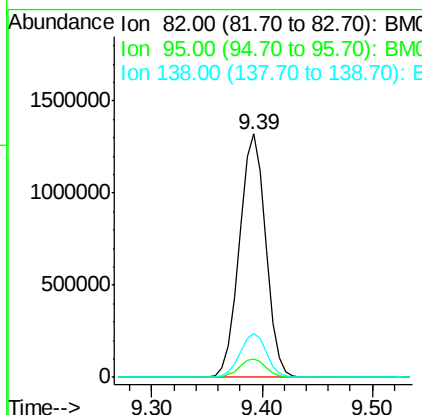
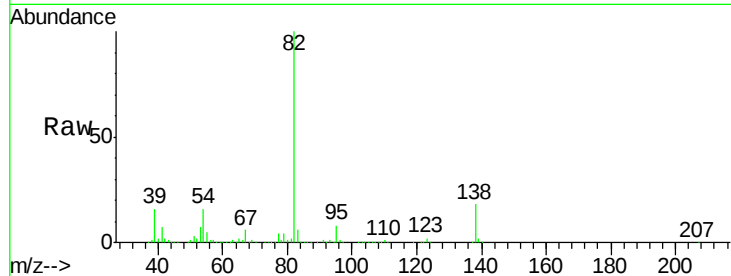
#25
Isophorone
Concen: 58.032 ng
RT: 9.39 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion: 82 Resp: 2213098
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 18.3 15.4 23.2

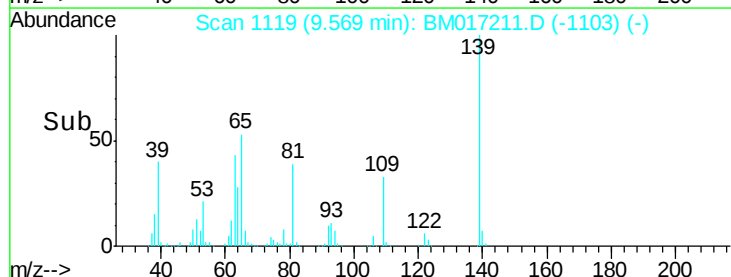
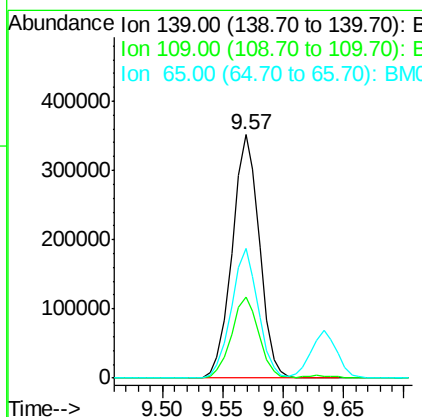
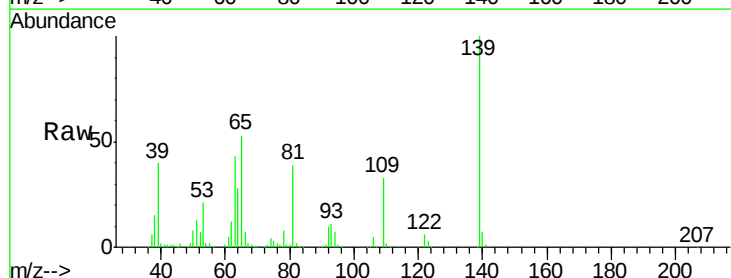
Manual Integrations
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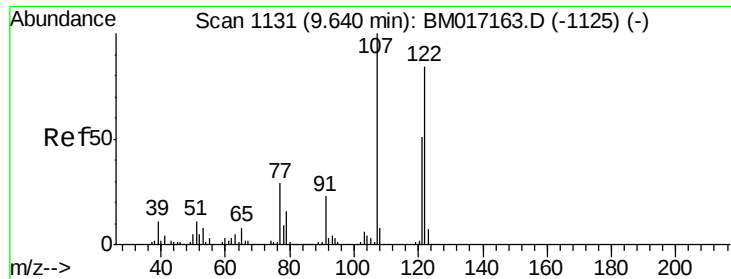
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10/19/2018 2:37:45 PM



#26
2-Nitrophenol
Concen: 48.252 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion: 139 Resp: 552058
Ion Ratio Lower Upper
139 100
109 33.4 23.2 34.8
65 53.1 40.6 61.0





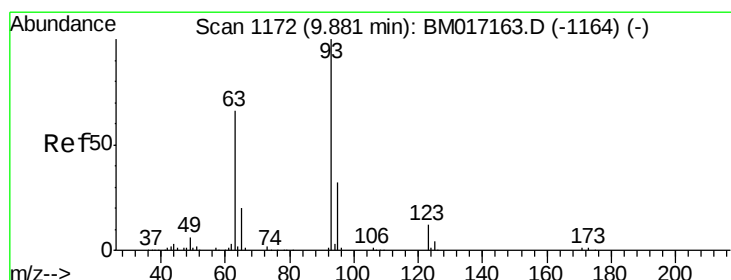
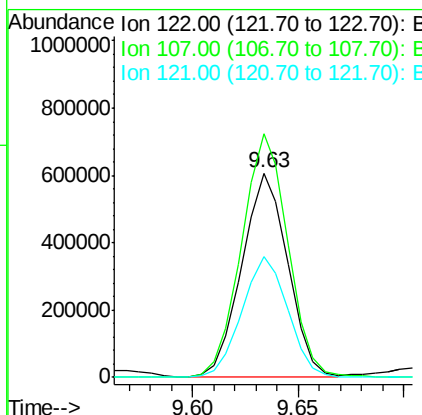
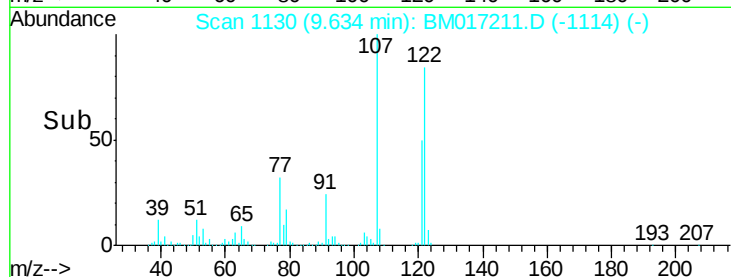
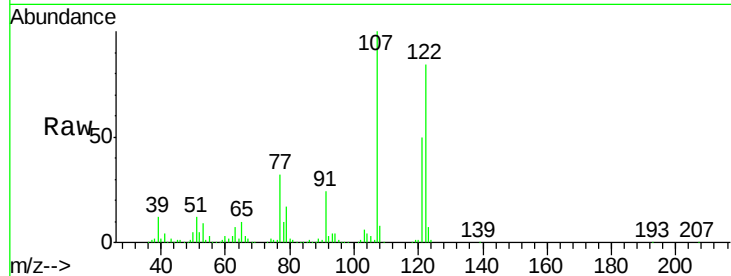
#27
2,4-Dimethylphenol
Concen: 54.047 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	911402		
107	119.3	95.0	142.6	
121	59.1	48.2	72.4	

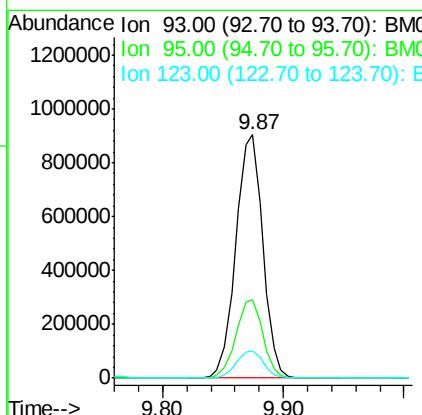
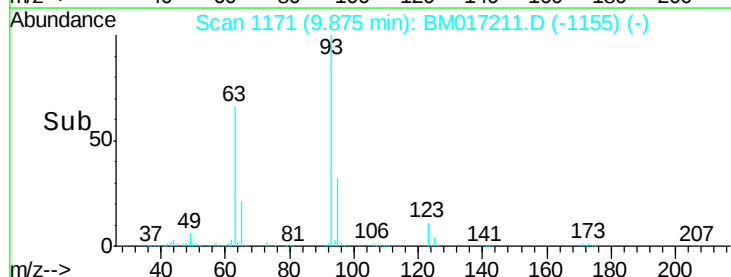
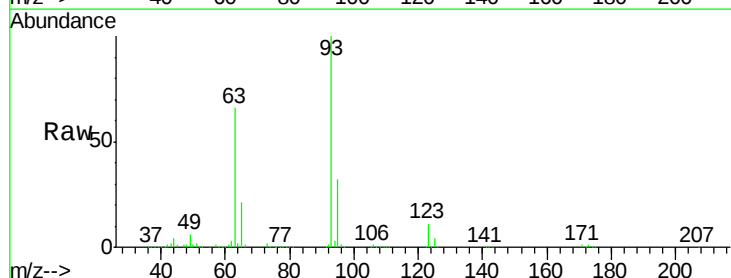
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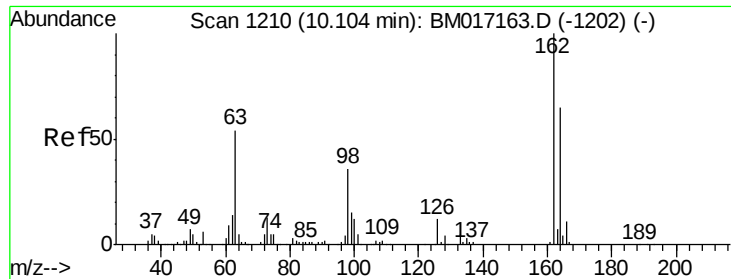
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 52.514 ng
RT: 9.87 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1409570		
95	32.1	25.7	38.5	
123	11.4	9.4	14.0	





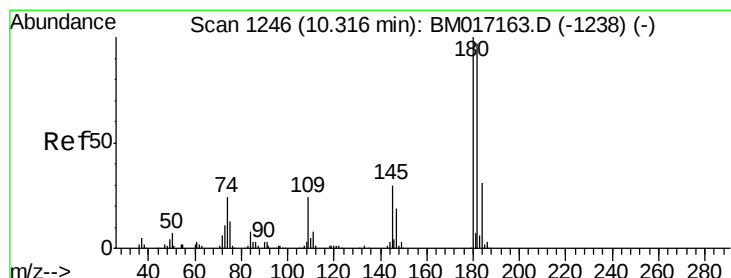
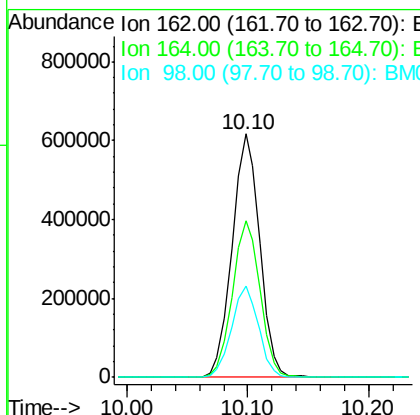
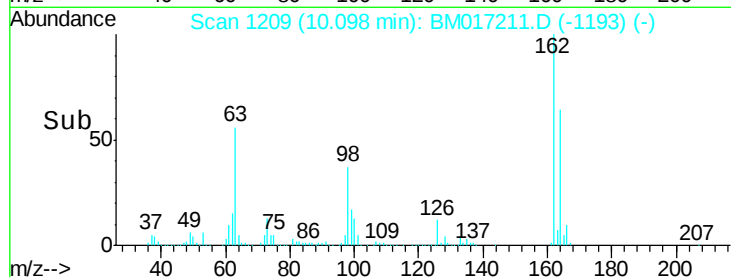
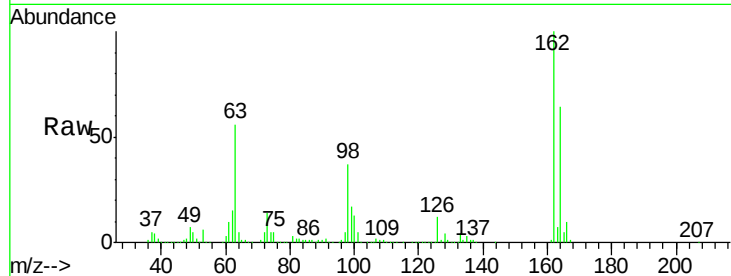
#29
2,4-Dichlorophenol
Concen: 50.275 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	984344		
164	64.2	44.9	84.9	
98	37.4	15.8	55.8	

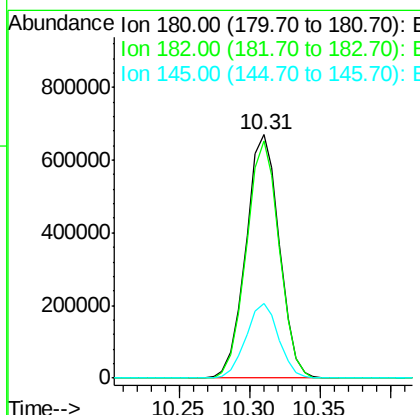
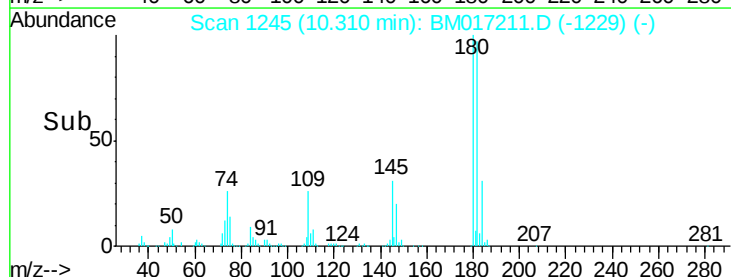
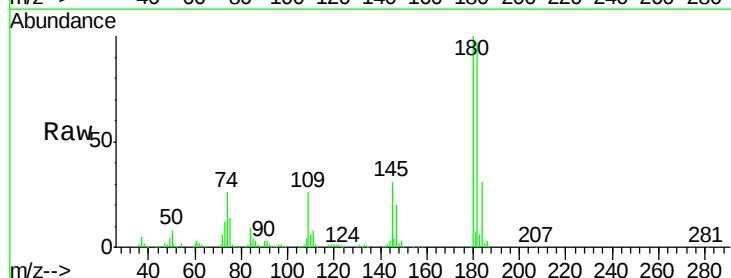
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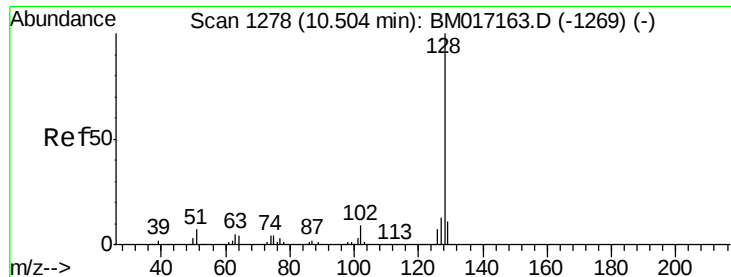
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#30
1,2,4-Trichlorobenzene
Concen: 47.159 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1107643		
182	97.4	77.5	116.3	
145	30.8	24.0	36.0	





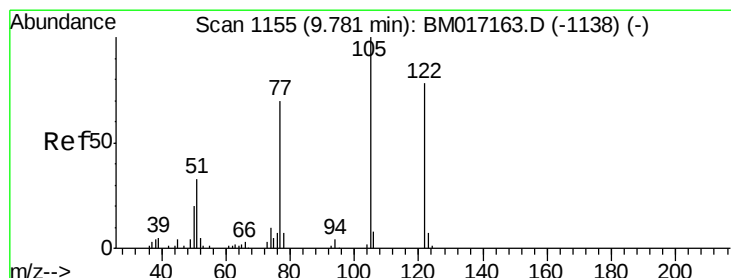
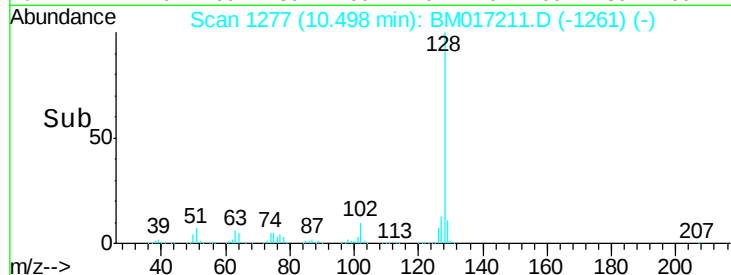
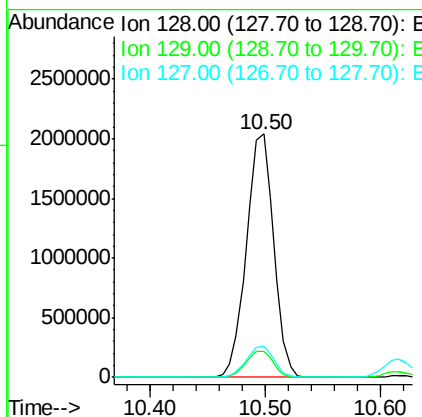
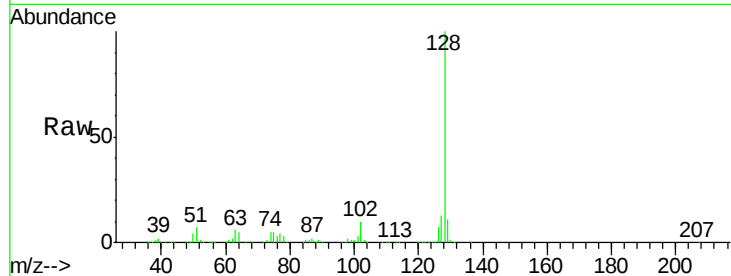
#31
Naphthalene
Concen: 50.780 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion:128 Resp: 3361294
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.9 10.3 15.5

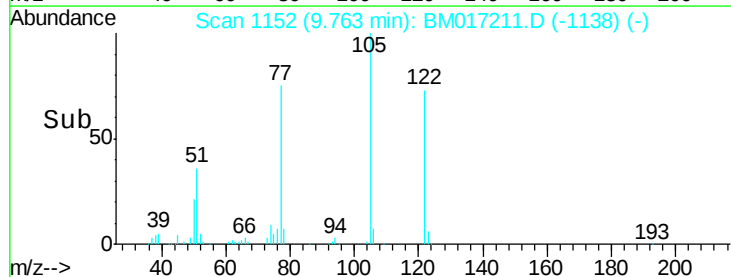
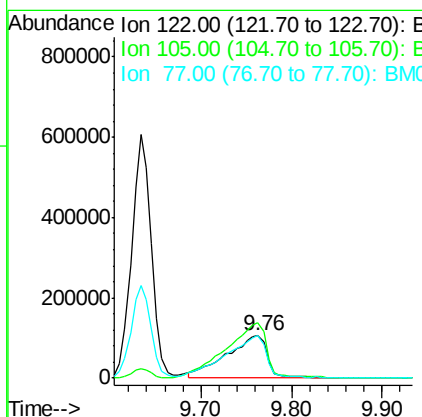
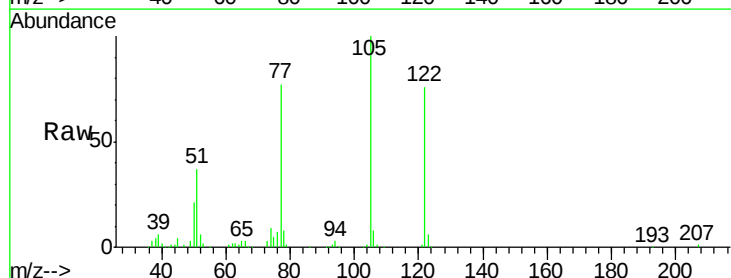
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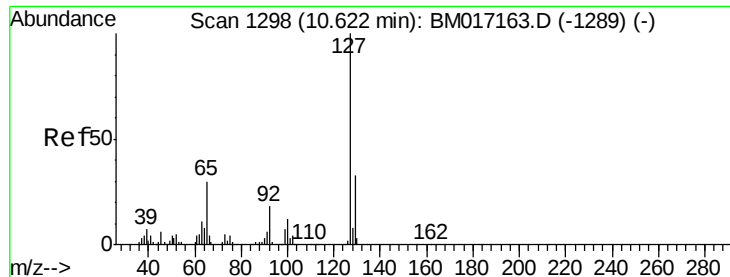
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#32
Benzoic acid
Concen: 25.198 ng
RT: 9.76 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion:122 Resp: 317046
Ion Ratio Lower Upper
122 100
105 131.8 102.0 142.0
77 101.1 67.7 107.7





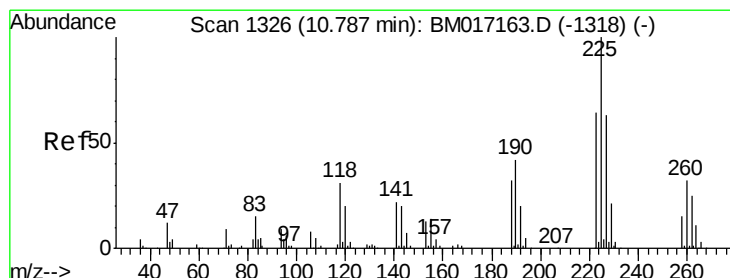
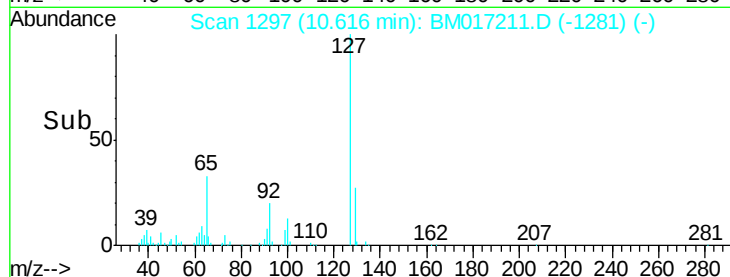
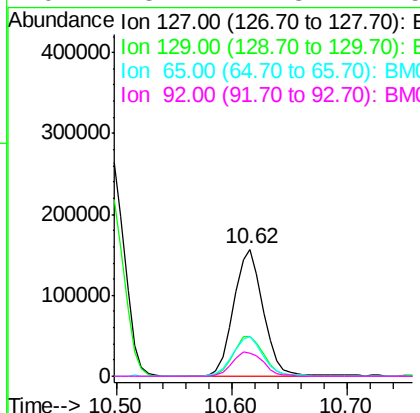
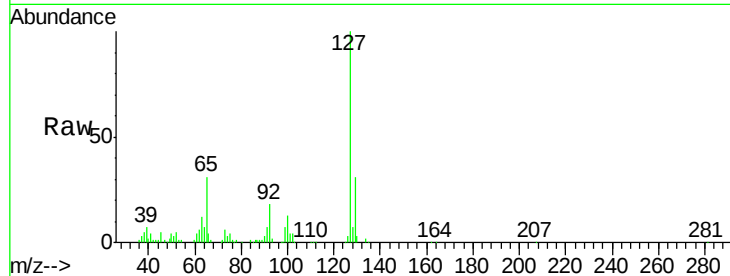
#33
4-Chloroaniline
Concen: 9.762 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.4
65	31.2	23.7	35.5
92	18.4	14.3	21.5

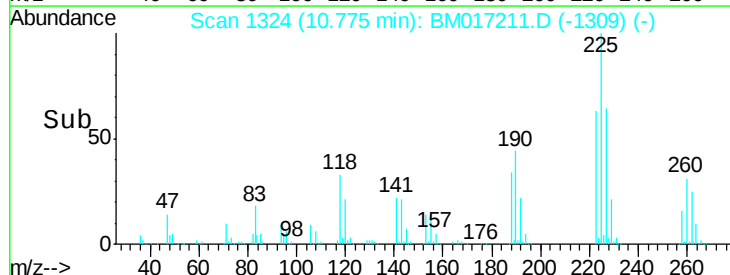
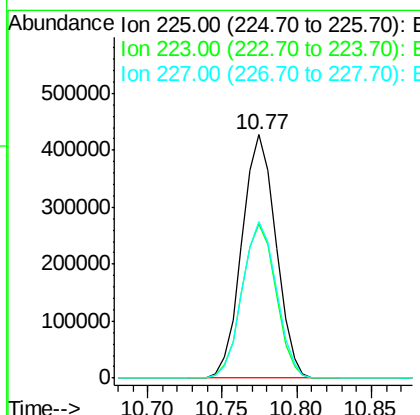
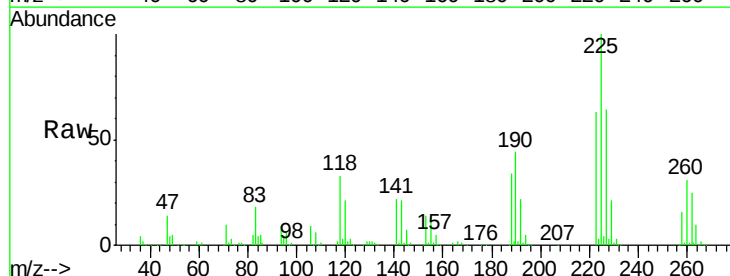
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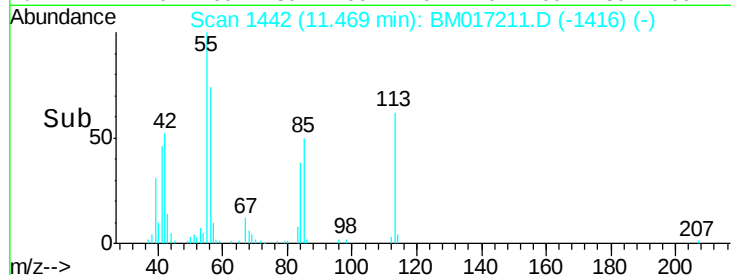
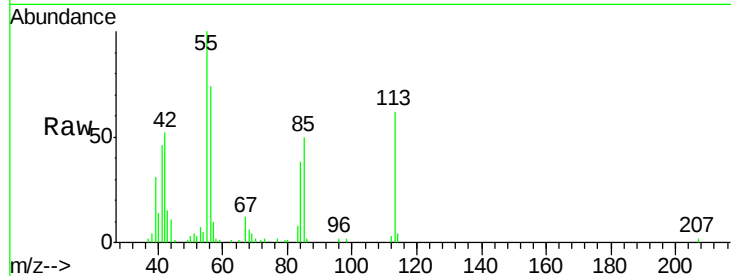
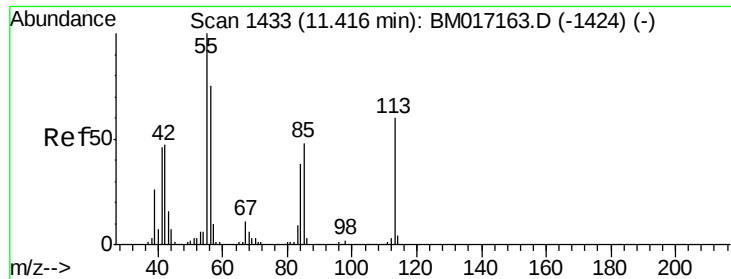
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#34
Hexachlorobutadiene
Concen: 45.358 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	64.1	50.8	76.2





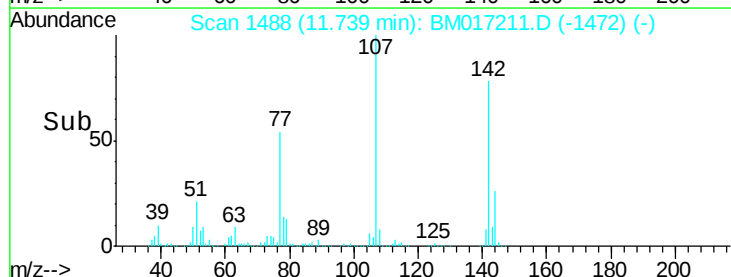
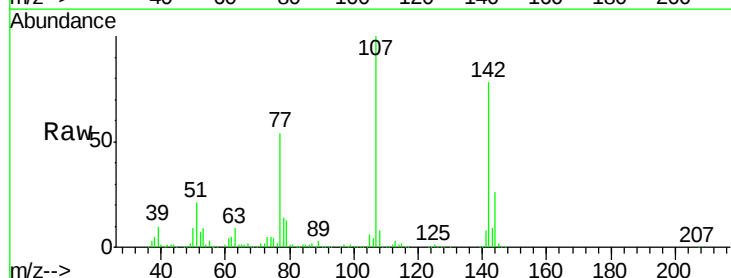
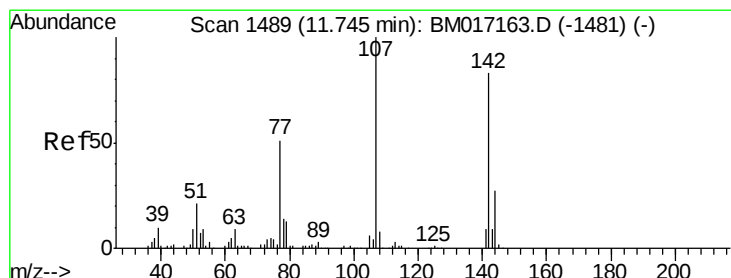
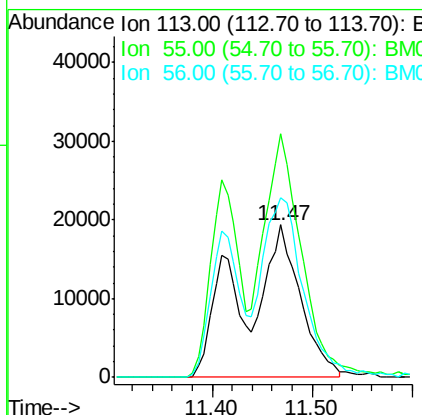
#35
Caprolactam
Concen: 10.978 ng m
RT: 11.47 min Scan# 1442
Delta R.T. 0.05 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion:113 Resp: 78331
Ion Ratio Lower Upper
113 100
55 160.0 147.0 187.0
56 118.2 104.5 144.5

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

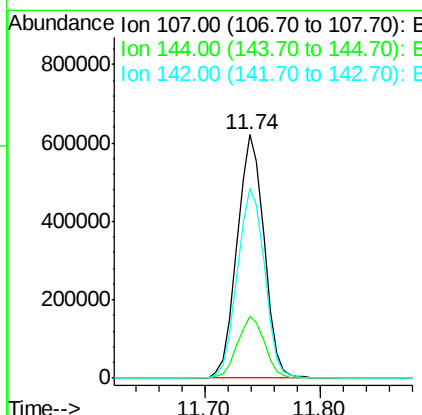
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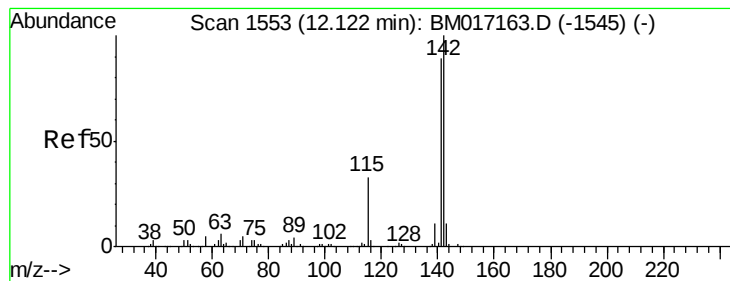
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#36
4-Chloro-3-methylphenol
Concen: 45.753 ng
RT: 11.74 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion:107 Resp: 1009755
Ion Ratio Lower Upper
107 100
144 25.5 21.6 32.4
142 77.8 66.0 99.0





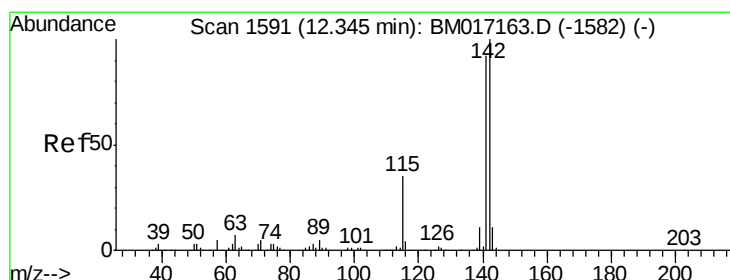
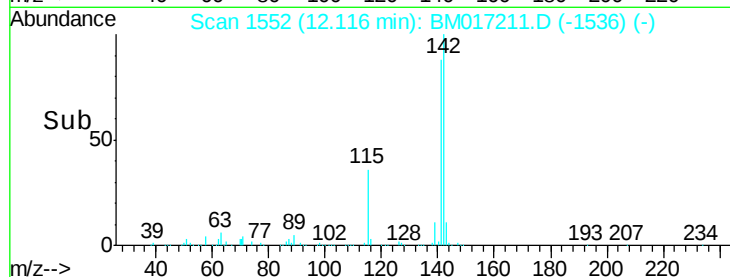
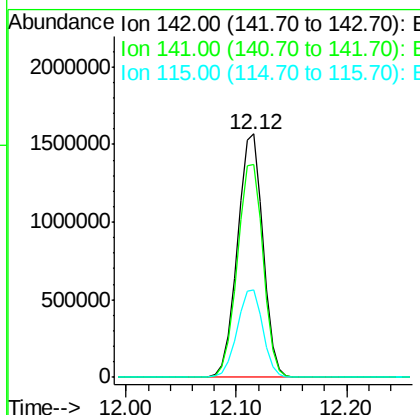
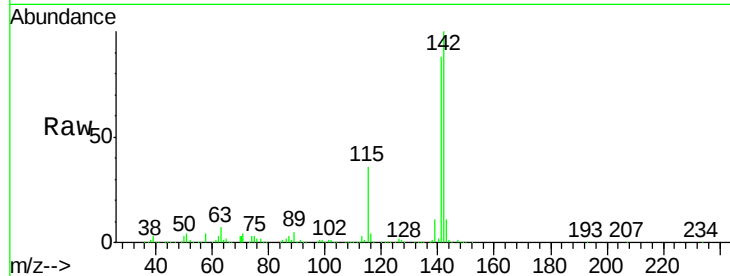
#37
2-Methylnaphthalene
Concen: 56.132 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.9	106.3
115	36.0	26.4	39.6

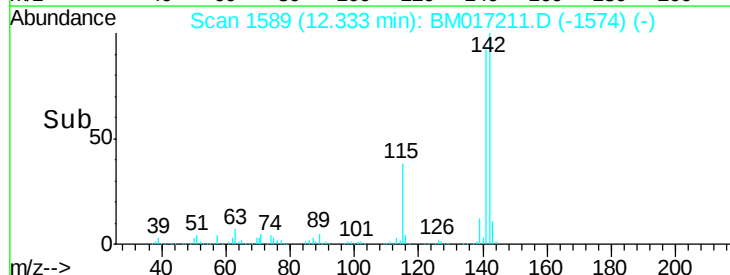
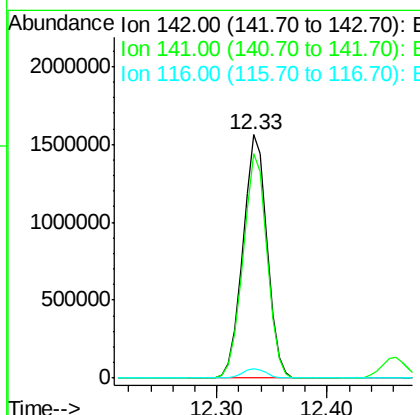
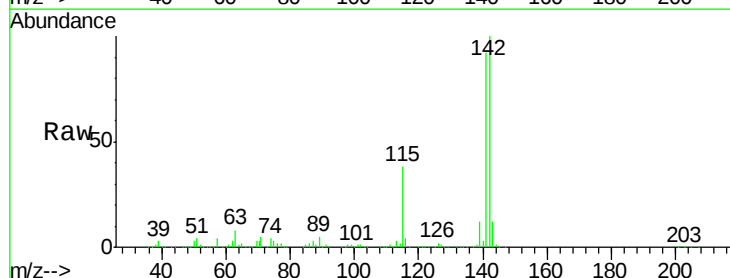
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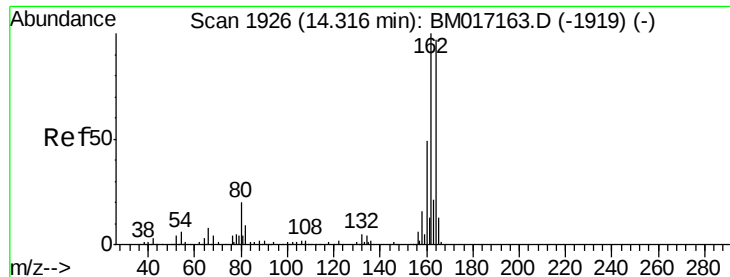
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#38
1-Methylnaphthalene
Concen: 54.518 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.6
116	3.8	2.9	4.3





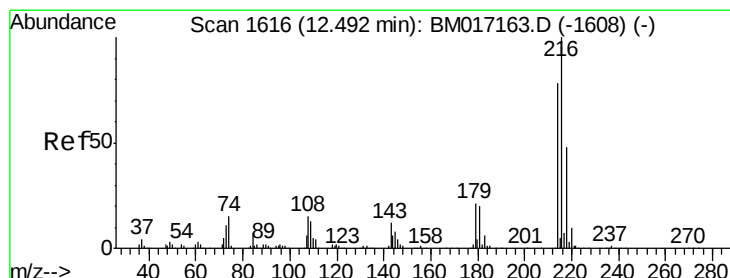
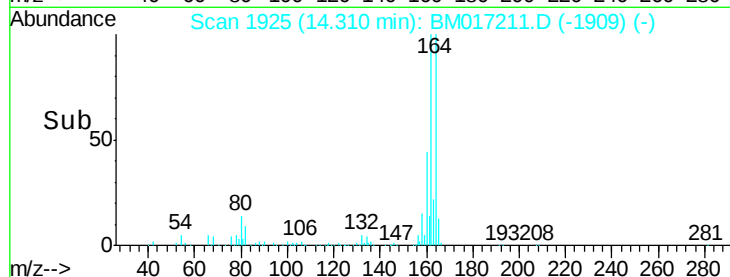
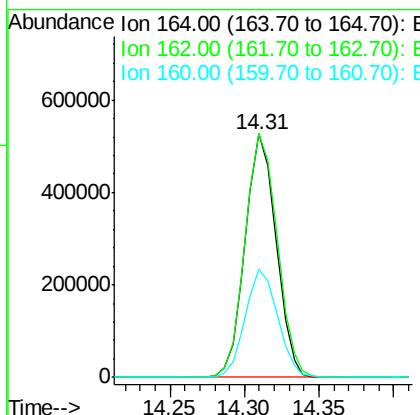
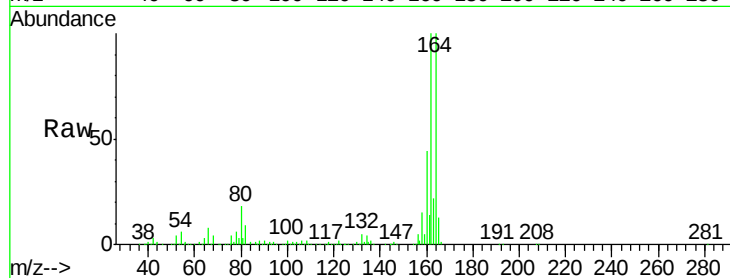
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	756890		
162	100.1	82.1	123.1	
160	44.5	40.2	60.2	

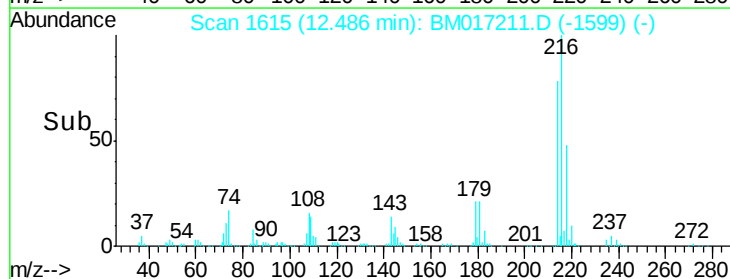
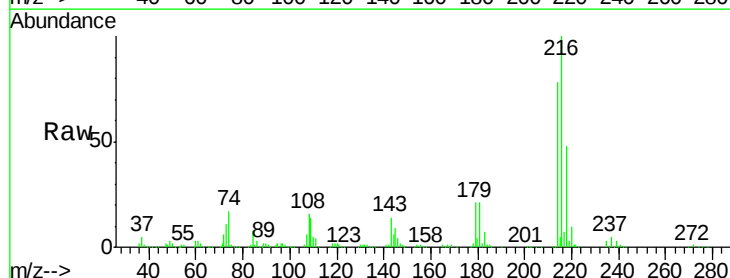
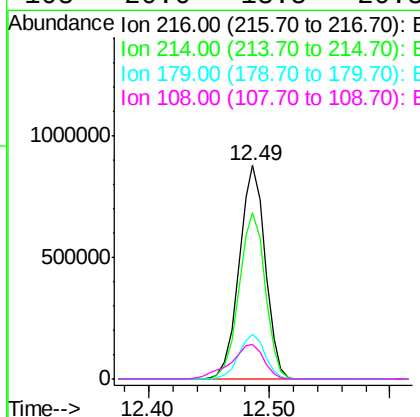
Manual Integrations
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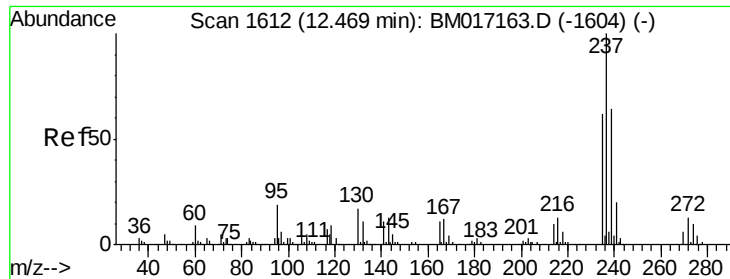
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.442 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	1317874		
214	78.6	62.6	93.8	
179	21.2	16.6	24.8	
108	20.6	13.5	20.3	#





#41

Hexachlorocyclopentadiene

Concen: 140.130 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

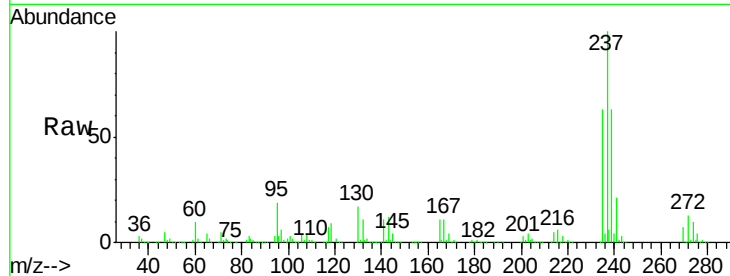
ClientSampleId :

RLF-SW-5MS

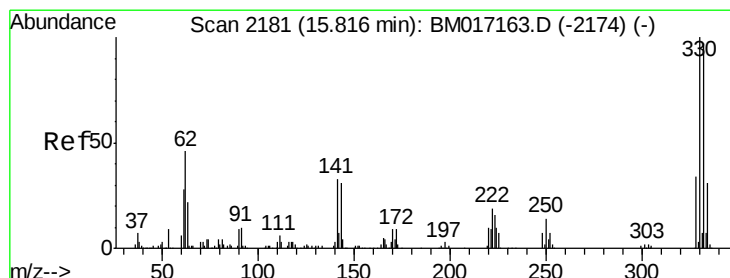
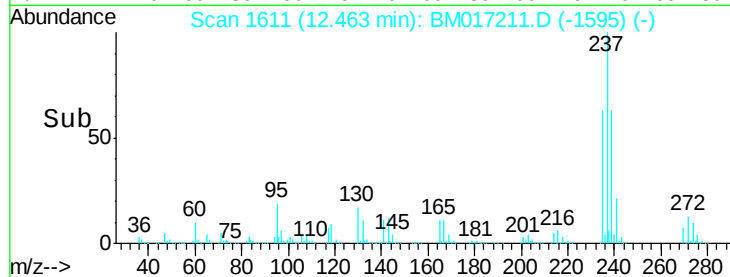
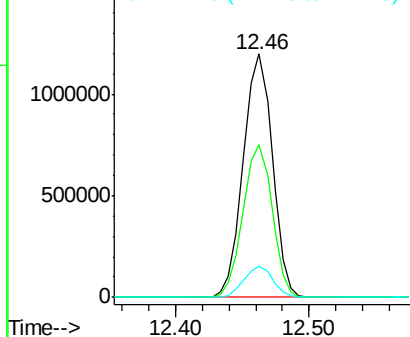
Tgt Ion:	237	Resp:	1805709
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.4	82.4
272	13.1	0.0	33.0

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: 114.143 ng

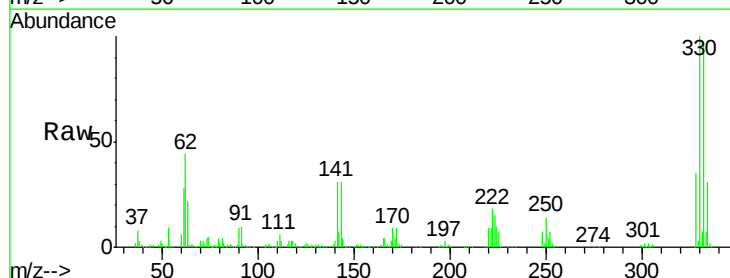
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

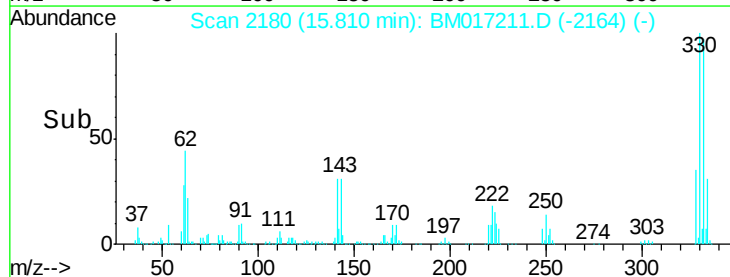
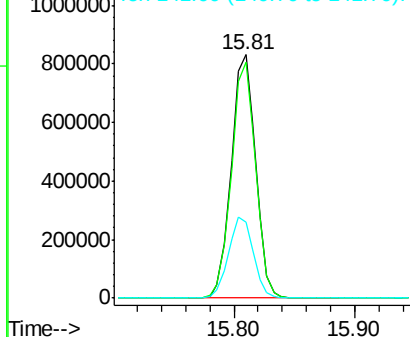
Lab File: BM017211.D

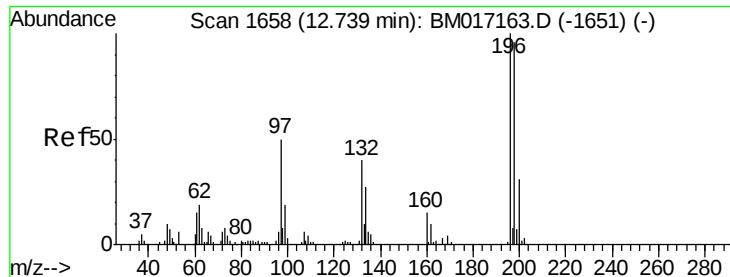
Acq: 19 Oct 2018 02:09

Tgt Ion:	330	Resp:	1168348
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.3	115.9
141	34.0	27.4	41.0



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





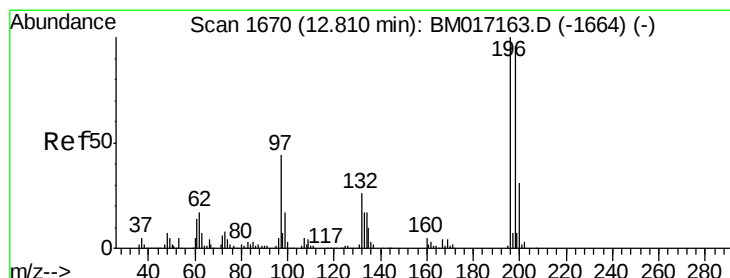
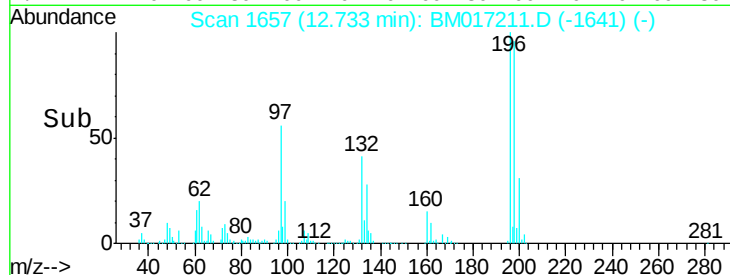
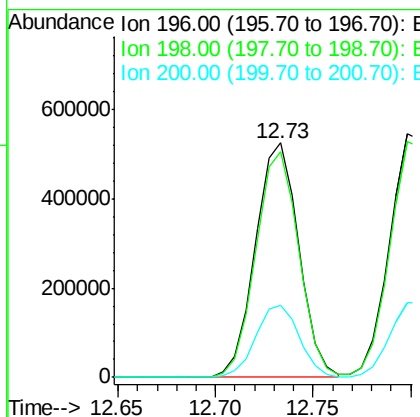
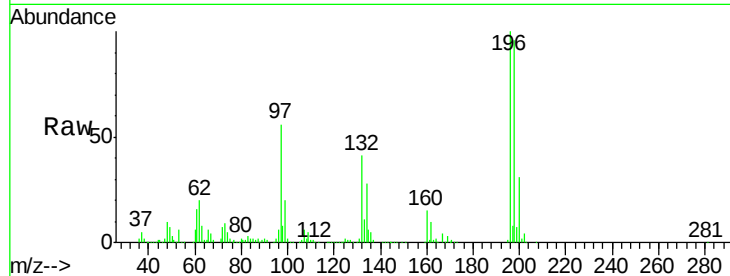
#43
 2,4,6-Trichlorophenol
 Concen: 52.186 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017211.D
 Acq: 19 Oct 2018 02:09

Instrument :
 BNA_M
 ClientSampleId :
 RLF-SW-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	807487		
198	96.3	77.1	115.7	
200	30.7	25.0	37.4	

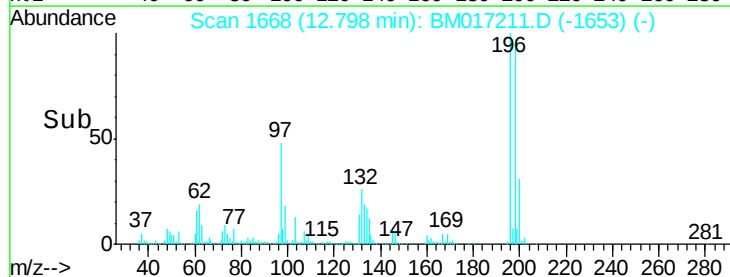
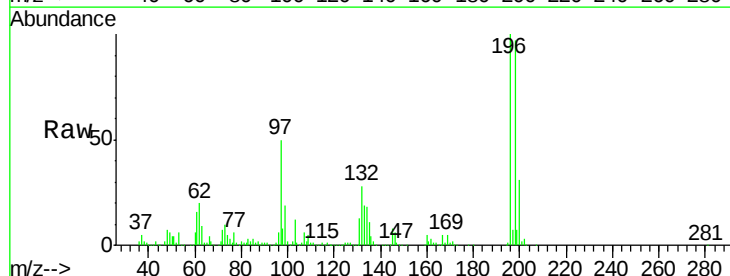
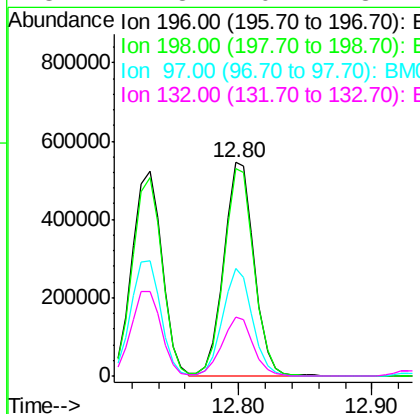
Manual Integrations
 APPROVED

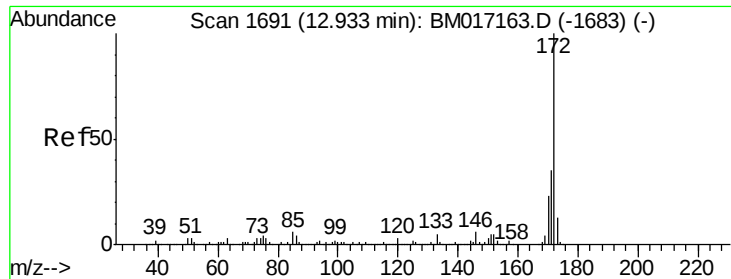
Sohil
 10/19/2018 2:37:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.931 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017211.D
 Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	861668		
198	96.8	76.6	115.0	
97	50.2	35.5	53.3	
132	27.8	20.7	31.1	





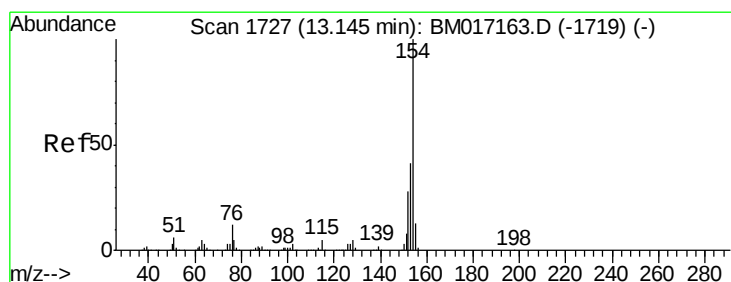
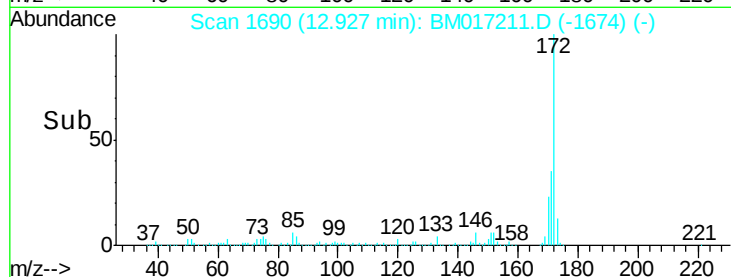
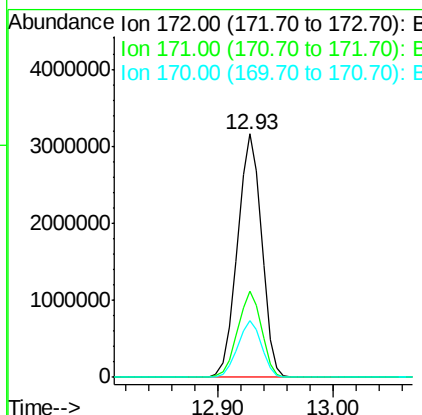
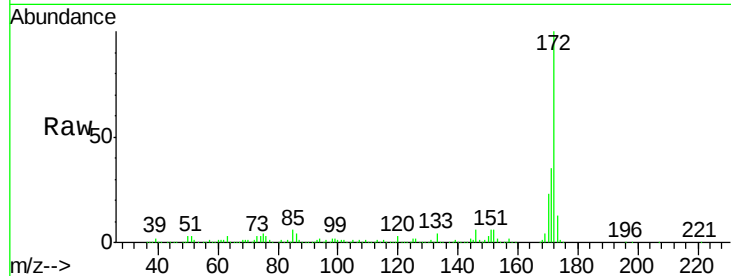
#45
2-Fluorobiphenyl
Concen: 80.291 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion:172 Resp: 4567440
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 18.3 27.5

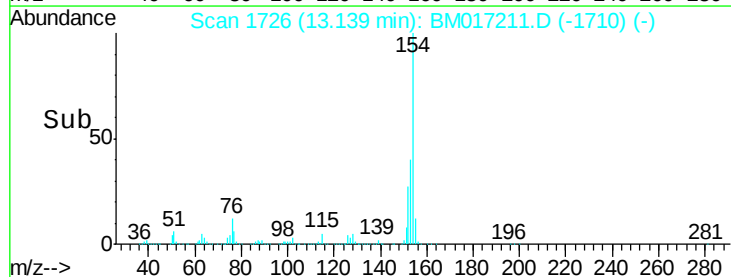
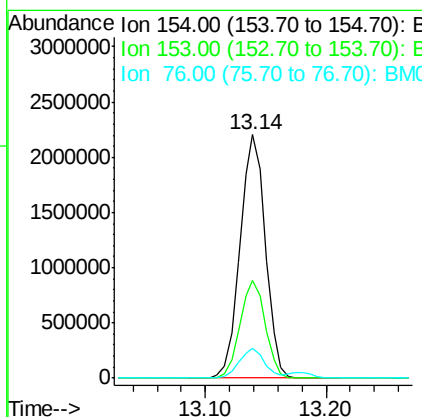
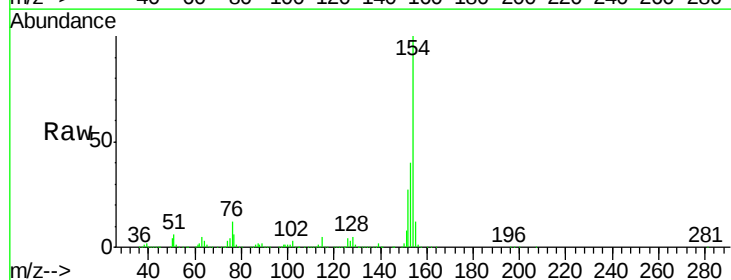
Manual Integrations
APPROVED

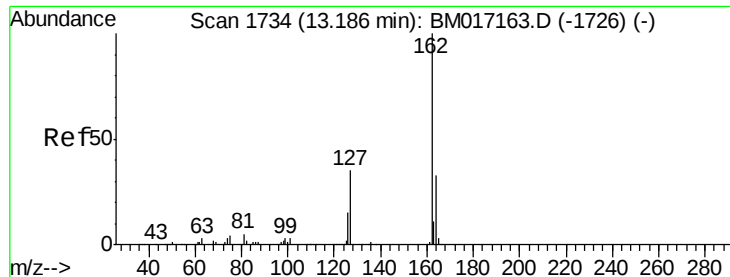
Sohil
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#46
1,1'-Biphenyl
Concen: 47.277 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion:154 Resp: 3220157
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 12.0 0.0 31.8





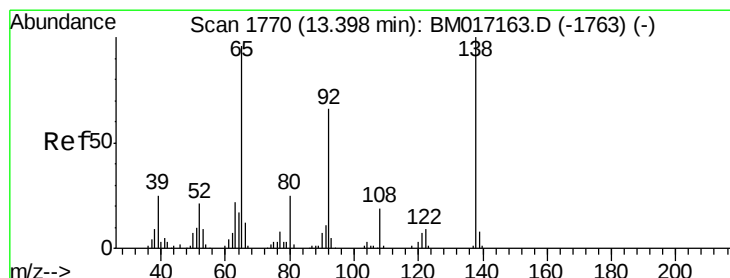
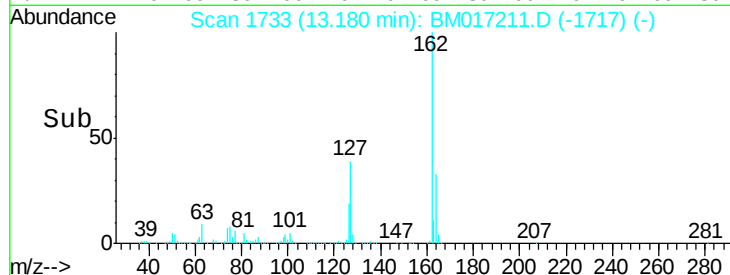
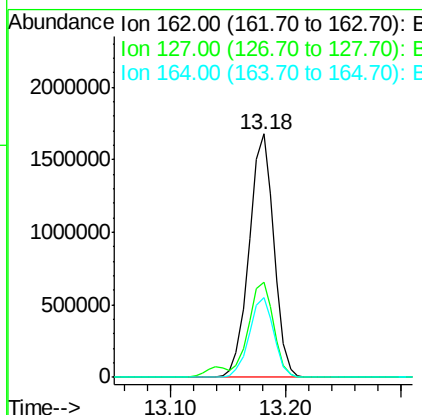
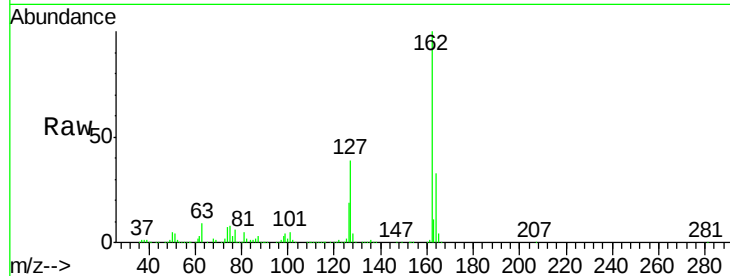
#47
2-Chloronaphthalene
Concen: 49.815 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.0	46.4
164	32.9	26.6	39.8

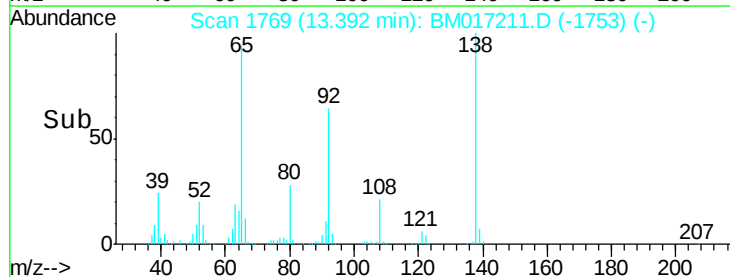
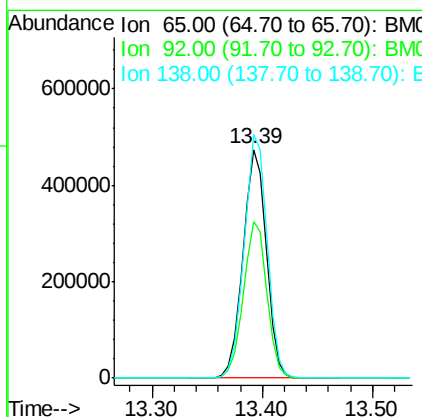
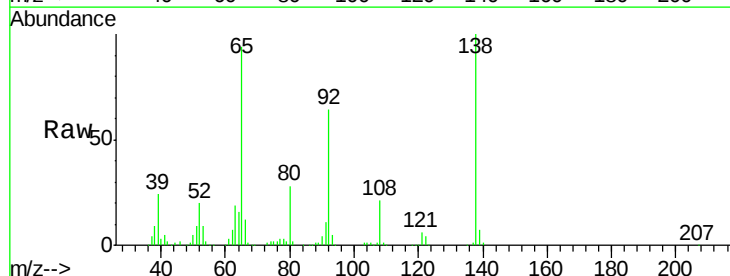
Manual Integrations
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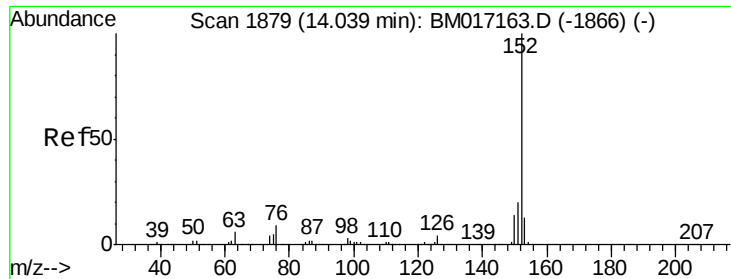
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#48
2-Nitroaniline
Concen: 49.749 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	54.9	82.3
138	106.5	83.7	125.5





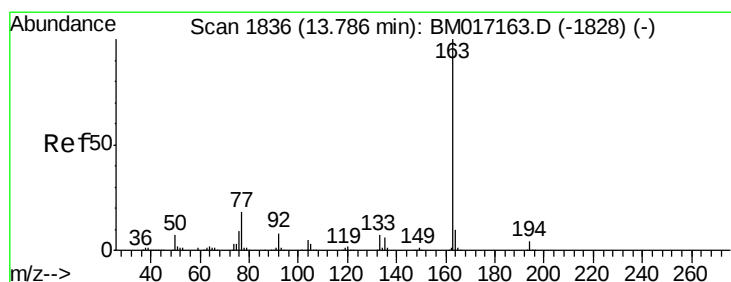
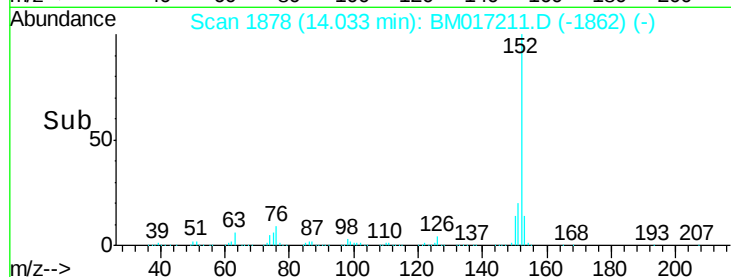
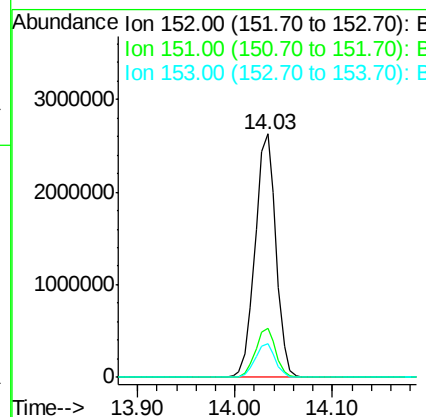
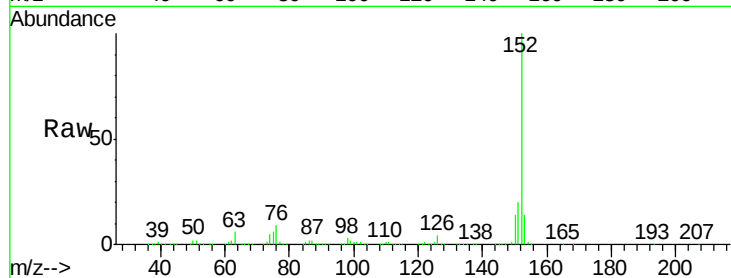
#49
Acenaphthylene
Concen: 54.316 ng
RT: 14.03 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion:152 Resp: 3945023
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.6 10.4 15.6

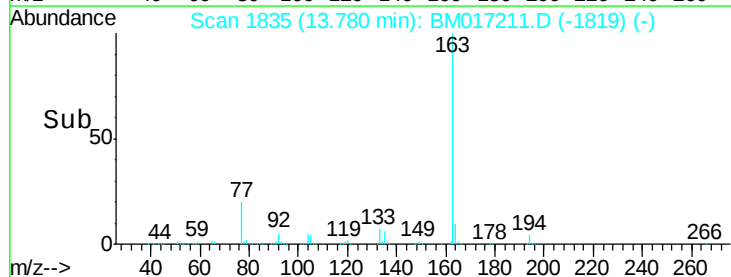
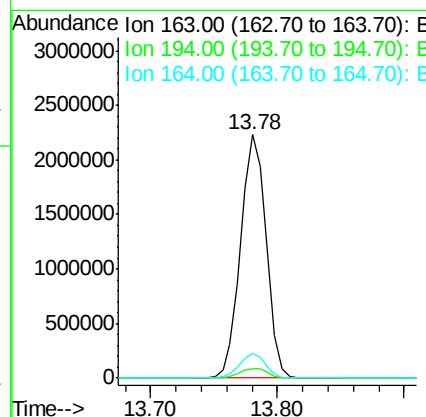
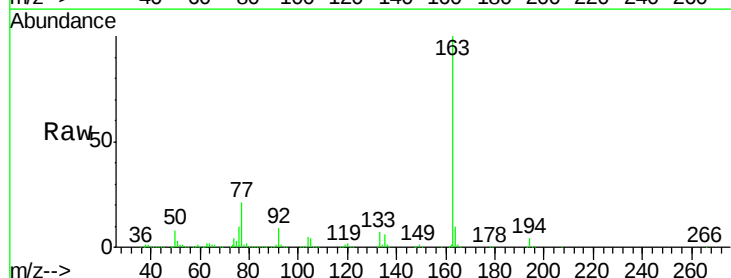
Manual Integrations
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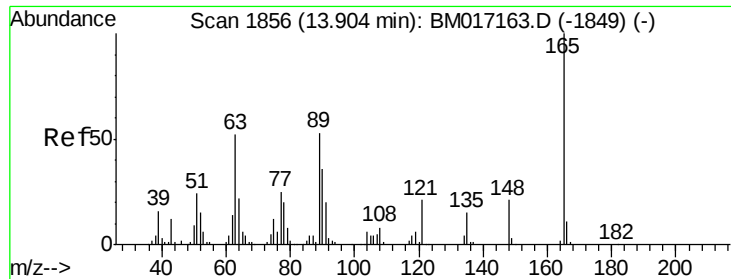
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#50
Dimethylphthalate
Concen: 53.045 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion:163 Resp: 3097542
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 7.8 11.8





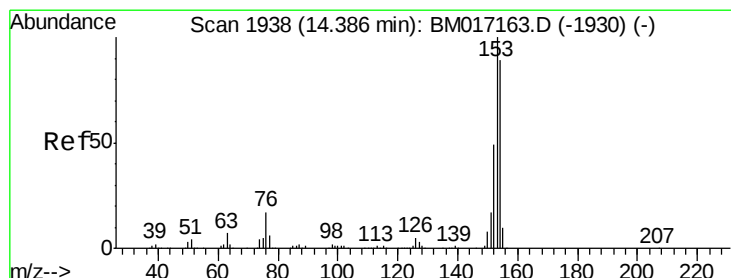
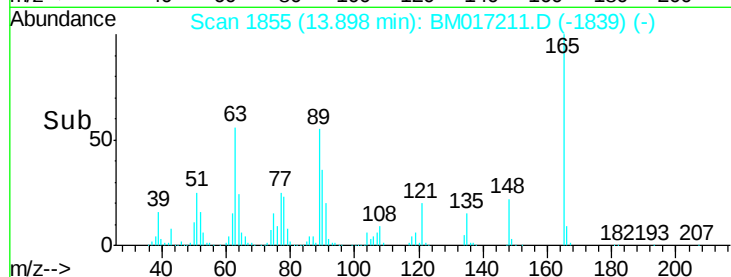
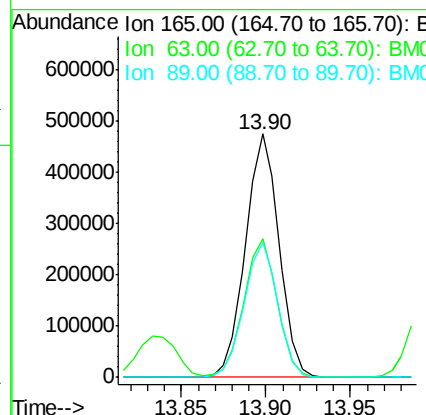
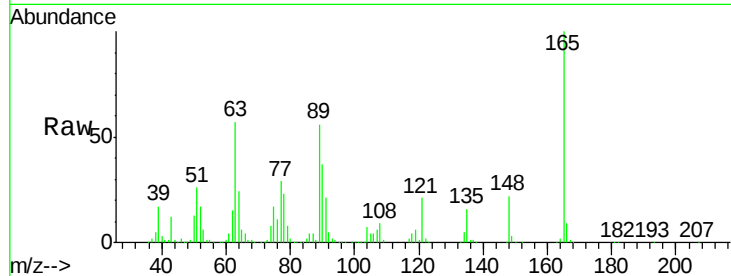
#51
2,6-Dinitrotoluene
Concen: 51.101 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	656766		
63	56.8	42.7	64.1	
89	55.6	42.1	63.1	

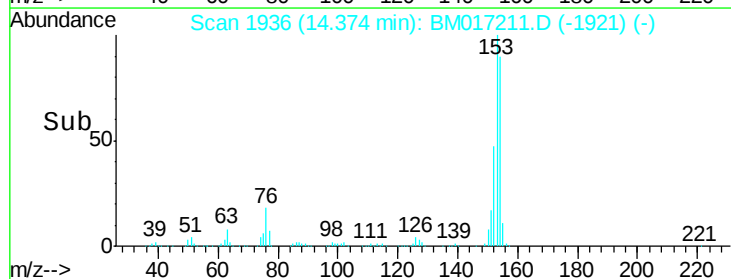
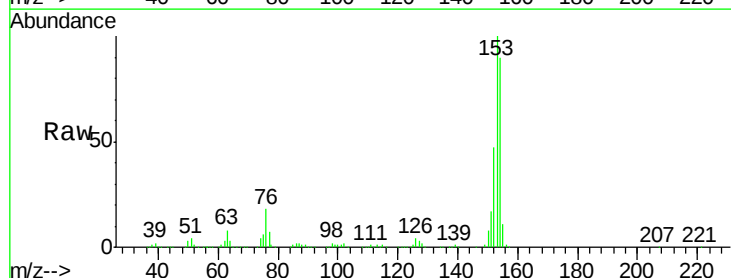
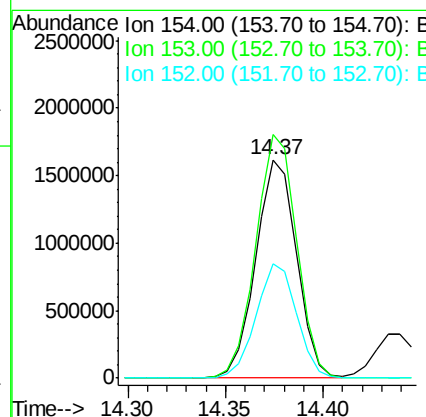
Manual Integrations
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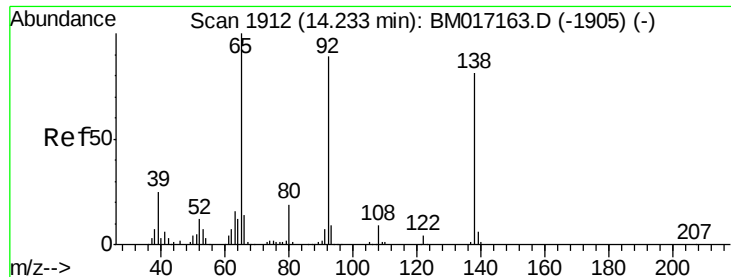
Sohil
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#52
Acenaphthene
Concen: 51.304 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2339626		
153	111.5	90.2	135.2	
152	52.1	44.2	66.4	





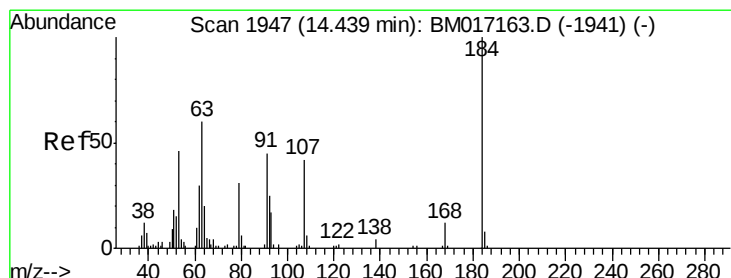
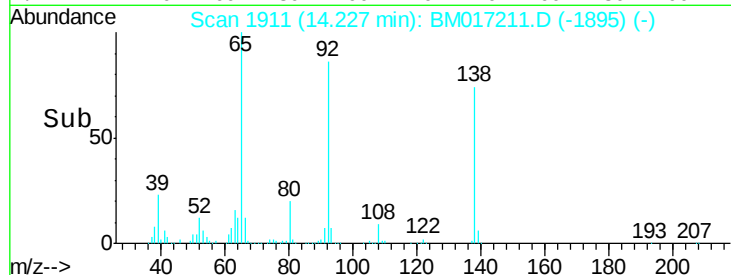
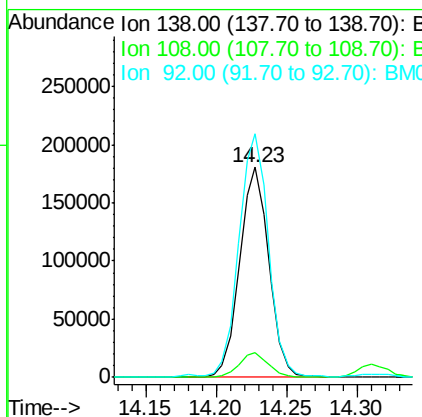
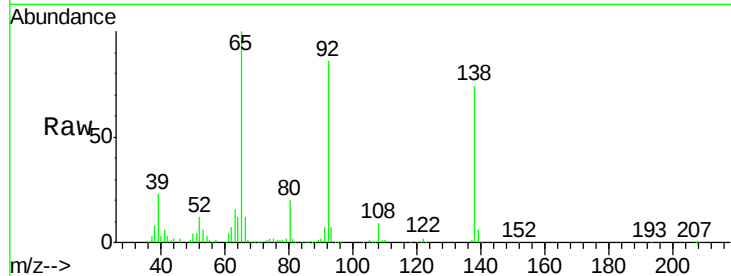
#53
 3-Nitroaniline
 Concen: 18.808 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM017211.D
 Acq: 19 Oct 2018 02:09

Instrument :
 BNA_M
 ClientSampleId :
 RLF-SW-5MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.7	13.1
92	116.1	87.9	131.9

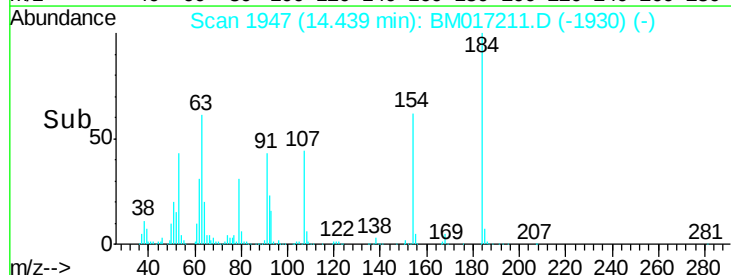
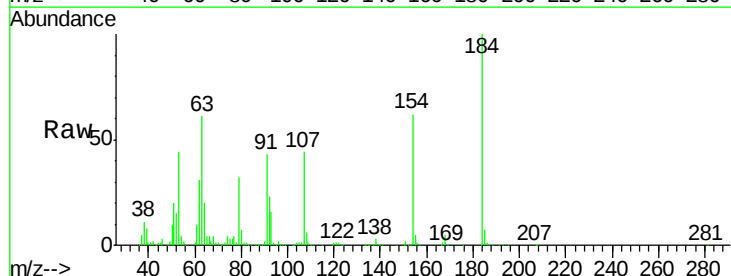
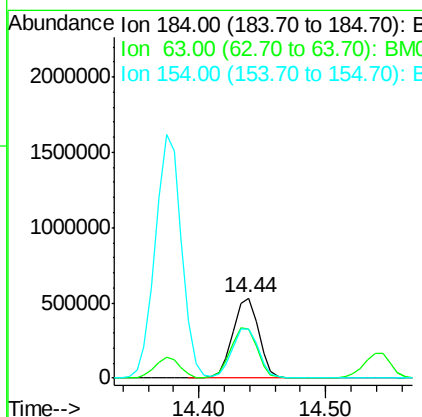
Manual Integrations
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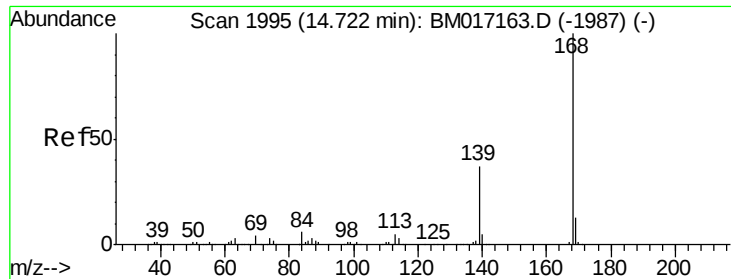
Sohil
 10/19/2018 2:37:45 PM



#54
 2,4-Dinitrophenol
 Concen: 98.296 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BM017211.D
 Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.0	51.2	76.8
154	61.8	47.8	71.8





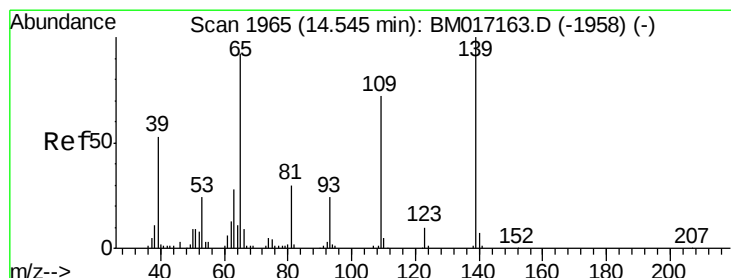
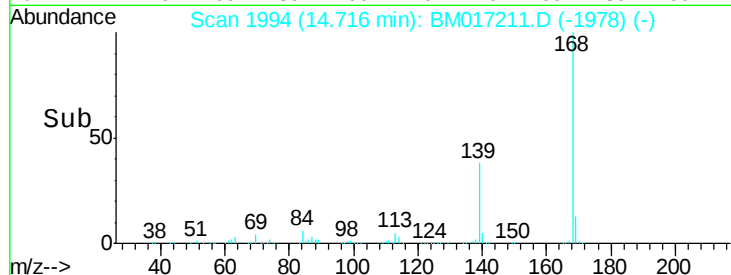
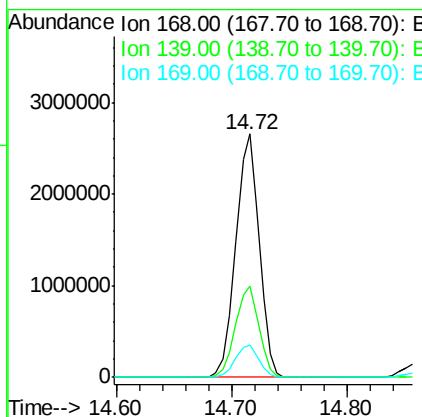
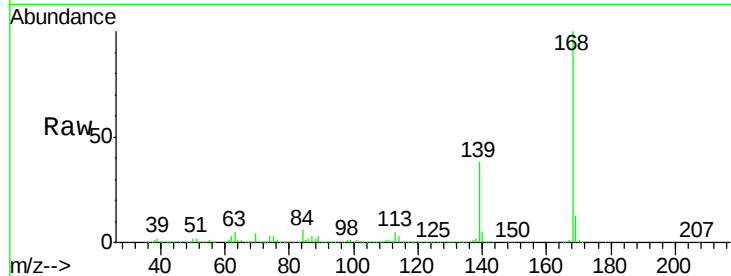
#55
Dibenzenofuran
Concen: 49.001 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion:168 Resp: 3716064
Ion Ratio Lower Upper
168 100
139 37.7 29.3 43.9
169 13.3 10.6 15.8

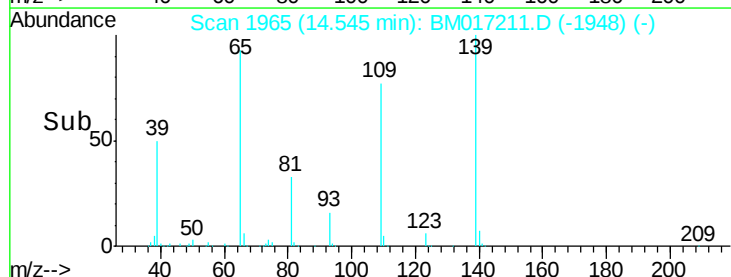
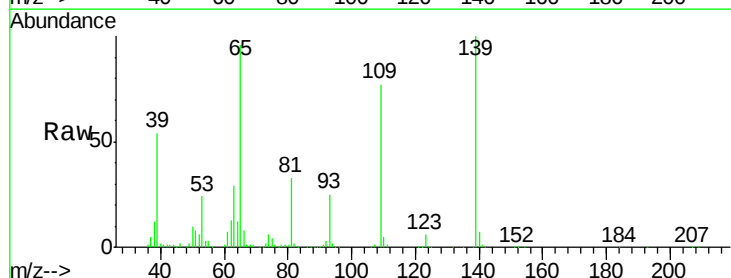
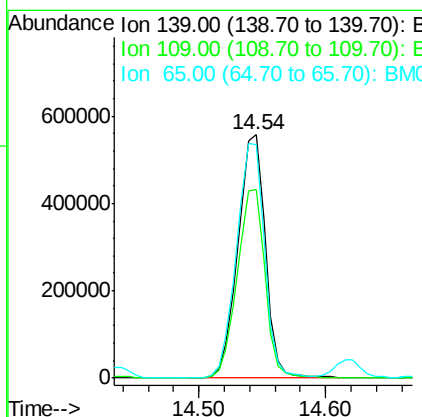
Manual Integrations
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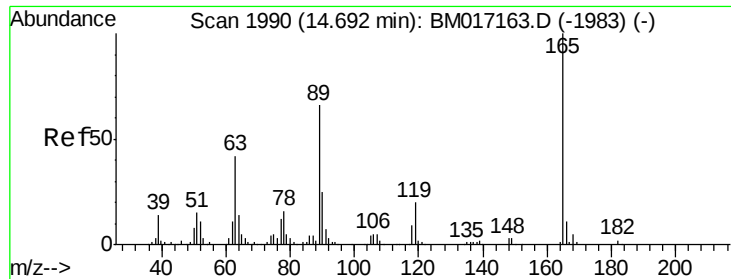
Sohil
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#56
4-Nitrophenol
Concen: 66.632 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion:139 Resp: 834685
Ion Ratio Lower Upper
139 100
109 77.3 51.8 91.8
65 95.7 72.1 112.1





#57

2,4-Dinitrotoluene

Concen: 51.289 ng

RT: 14.69 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

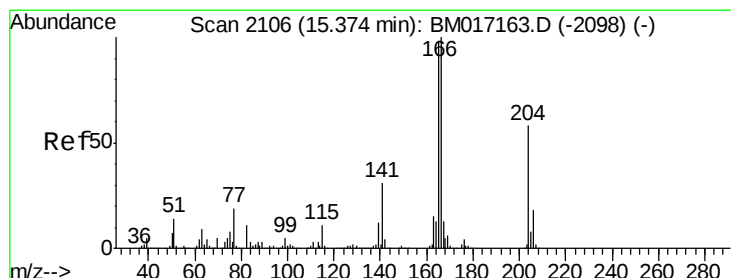
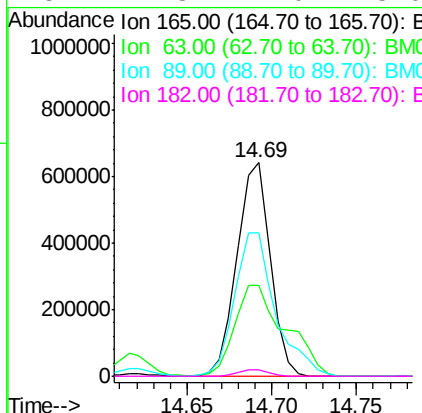
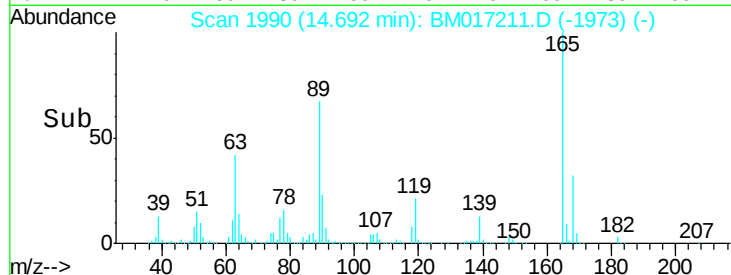
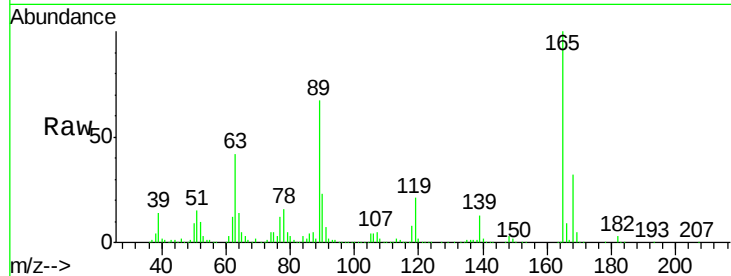
ClientSampleId :

RLF-SW-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	885964		
63	42.3	33.8	50.8	
89	67.0	53.1	79.7	
182	2.8	2.0	3.0	

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#58

Fluorene

Concen: 52.443 ng

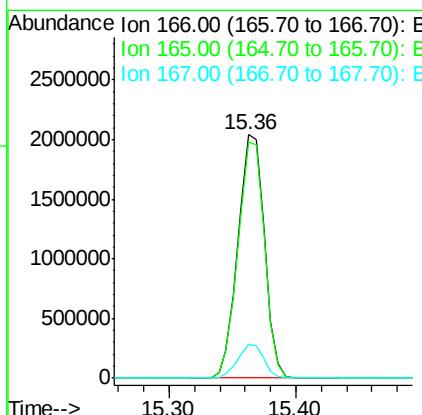
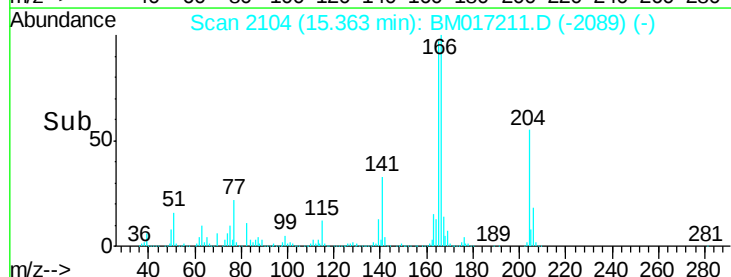
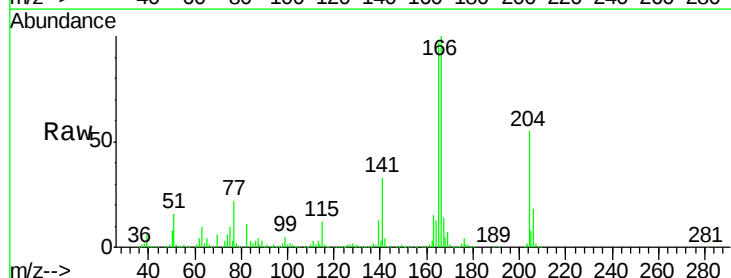
RT: 15.36 min Scan# 2104

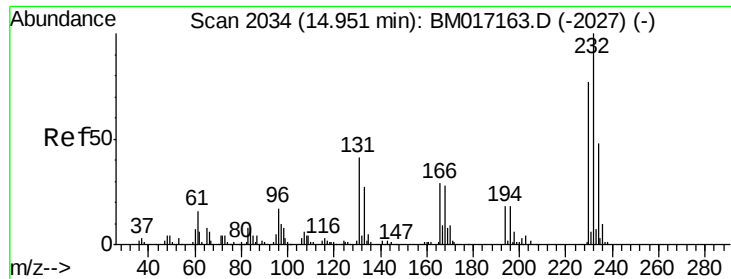
Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2943775		
165	97.0	78.1	117.1	
167	13.7	10.6	16.0	





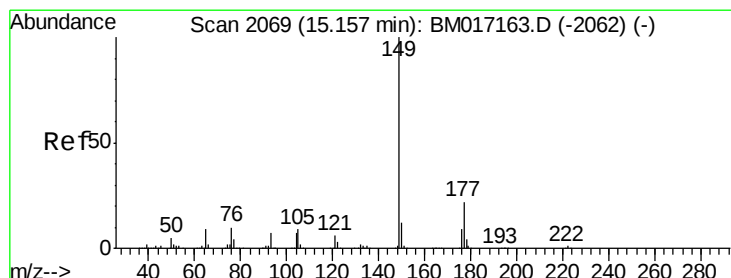
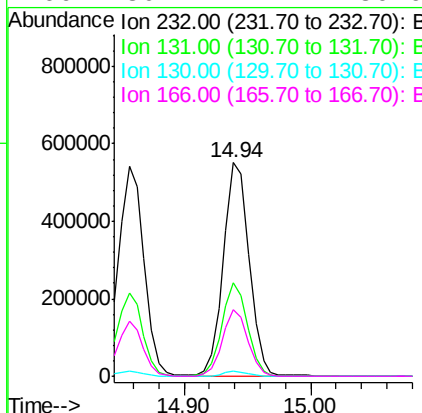
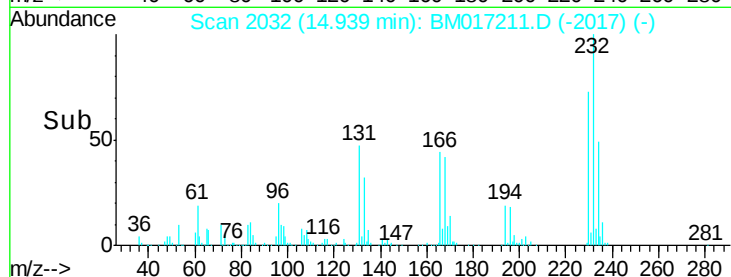
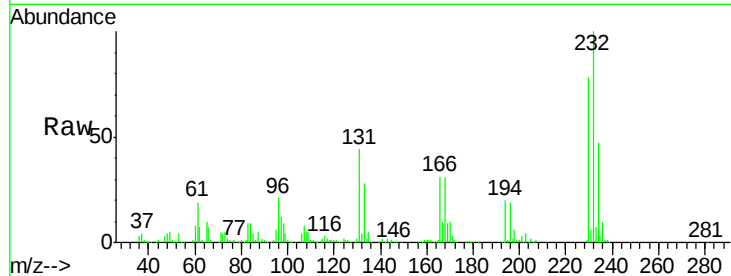
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.461 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.1	49.7
130	2.2	1.7	2.5
166	30.7	24.4	36.6

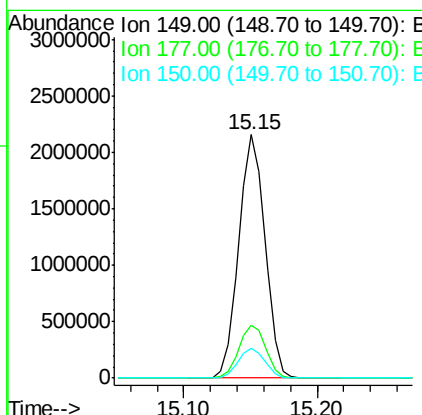
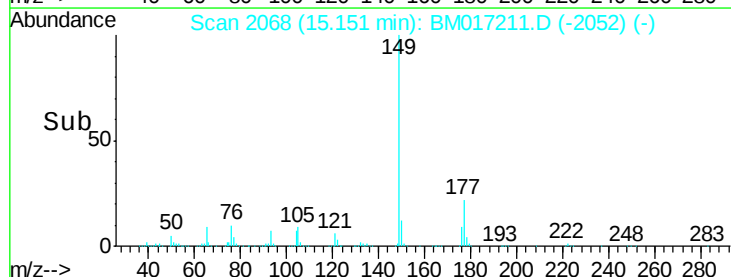
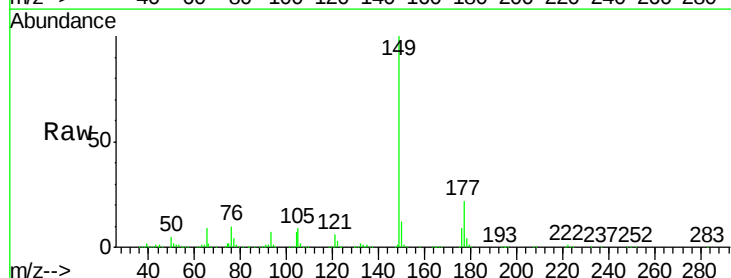
Manual Integrations
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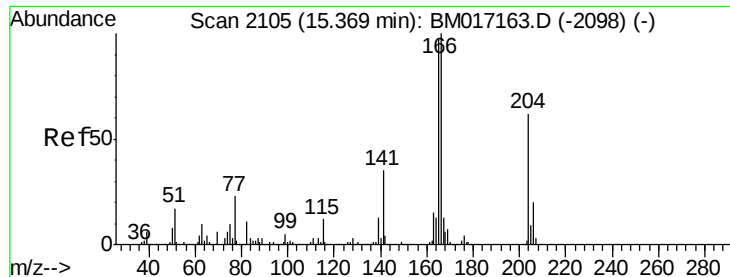
Sohil
10/19/2018 2:37:45 PM



#60
Diethylphthalate
Concen: 50.694 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.7	26.5
150	12.4	10.0	15.0





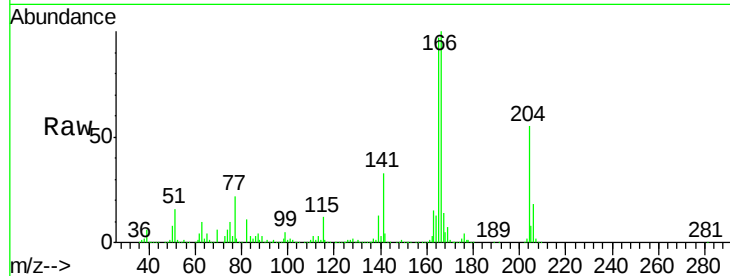
#61
4-Chlorophenyl-phenylether
Concen: 47.401 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

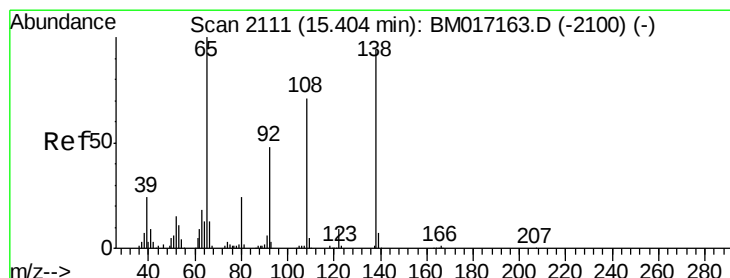
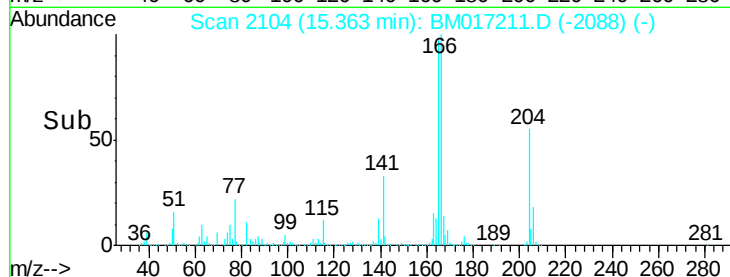
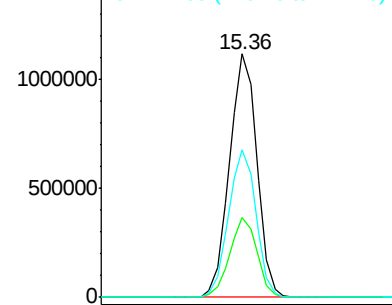
Tgt Ion: 204 Resp: 1516883
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 60.9 45.4 68.2

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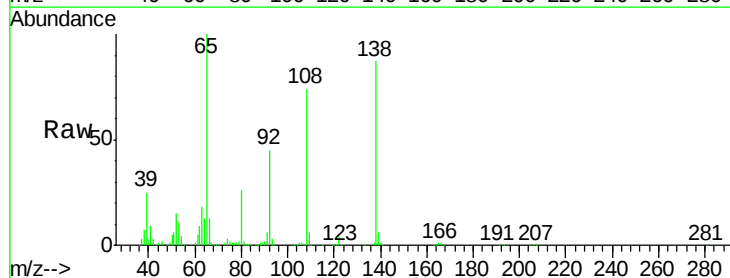


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

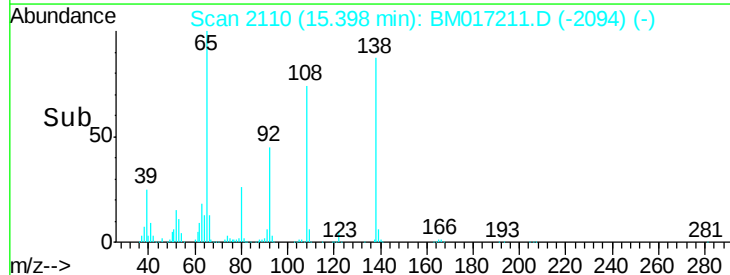
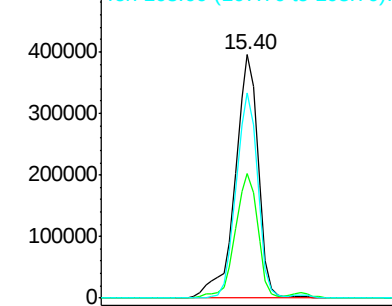


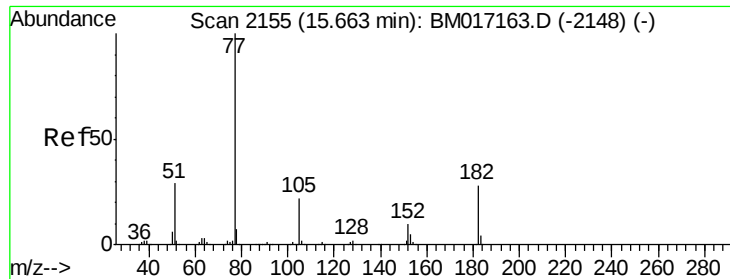
#62
4-Nitroaniline
Concen: 41.100 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion: 138 Resp: 626683
Ion Ratio Lower Upper
138 100
92 51.3 31.2 71.2
108 84.3 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





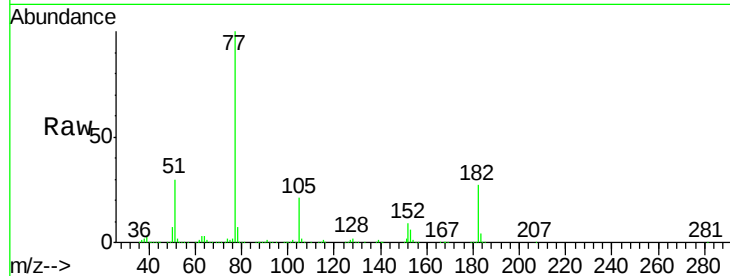
#63
Azobenzene
Concen: 50.613 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	8.3	48.3
105	20.9	1.5	41.5
51	30.1	8.8	48.8

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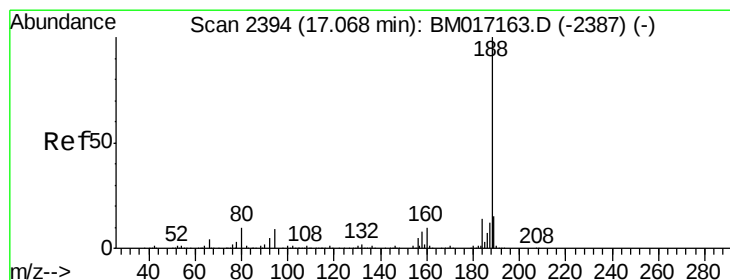
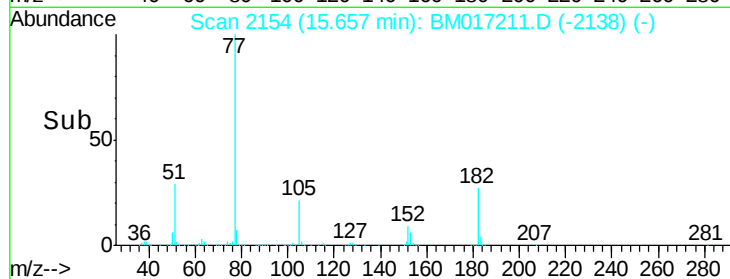
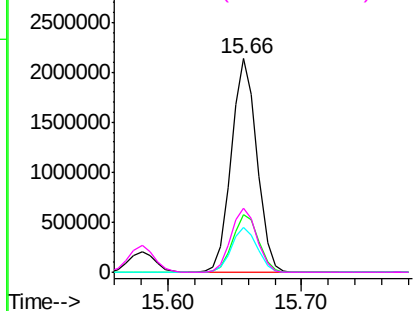
Abundance

Ion 77.00 (76.70 to 77.70): BM017211.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017211.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017211.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017211.D (-2138) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

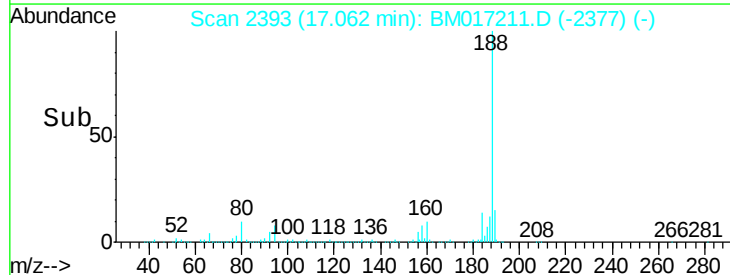
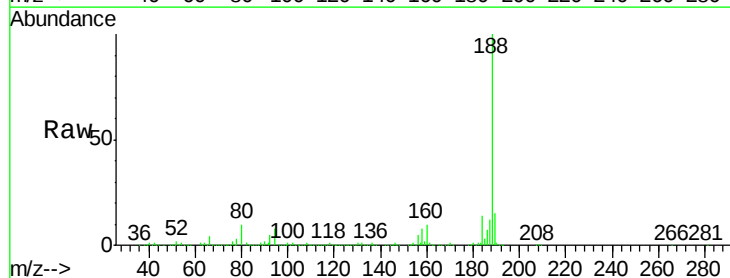
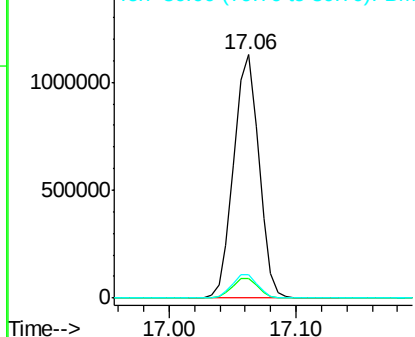
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.4
80	9.6	7.7	11.5

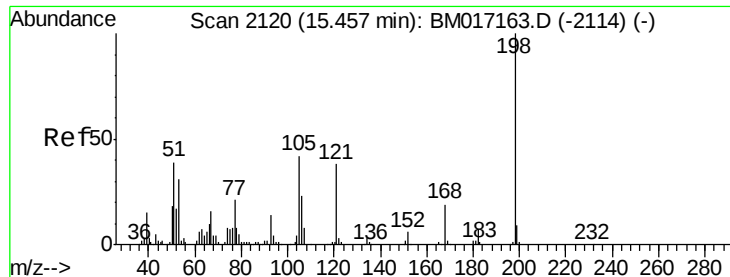
Abundance

Ion 188.00 (187.70 to 188.70): BM017211.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017211.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017211.D (-2377) (-)





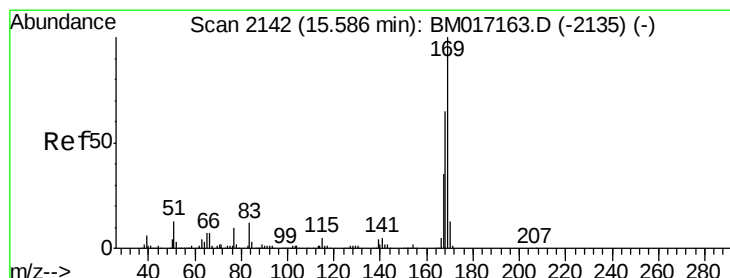
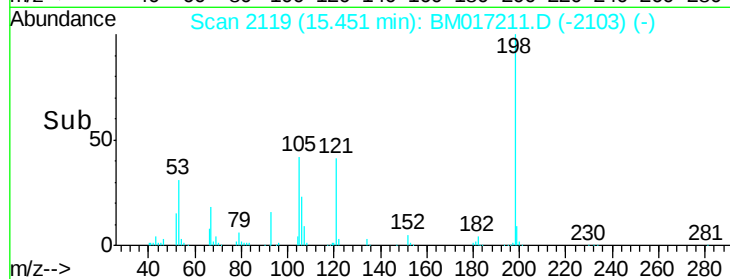
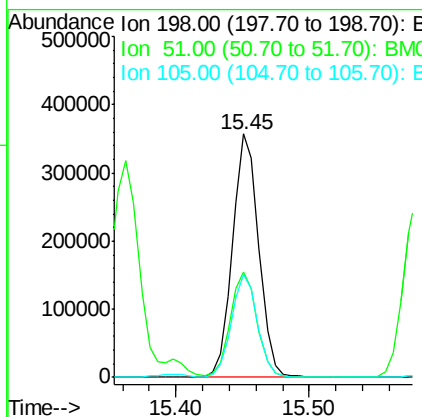
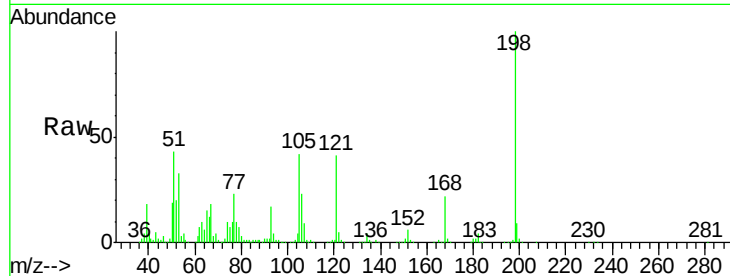
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.884 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017211.D
 Acq: 19 Oct 2018 02:09

Instrument :
 BNA_M
 ClientSampleId :
 RLF-SW-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	488818		
51	43.2	20.3	60.3	
105	42.3	21.9	61.9	

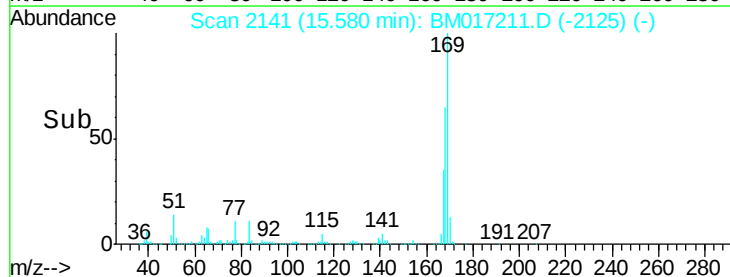
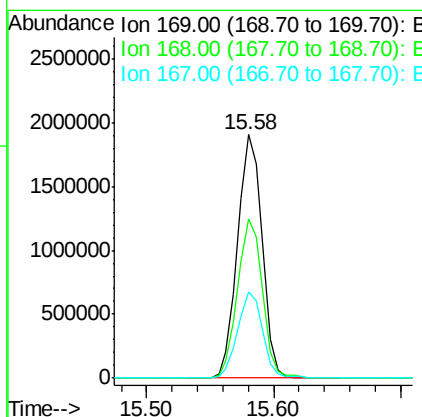
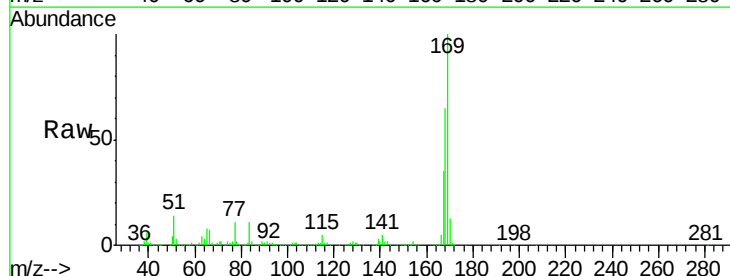
Manual Integrations
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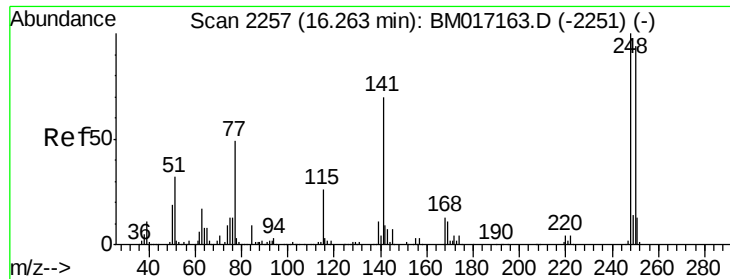
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#66
 n-Nitrosodiphenylamine
 Concen: 54.261 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017211.D
 Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2548499		
168	65.1	52.2	78.4	
167	35.4	28.4	42.6	





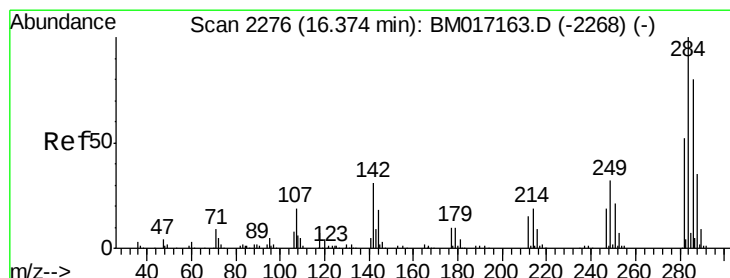
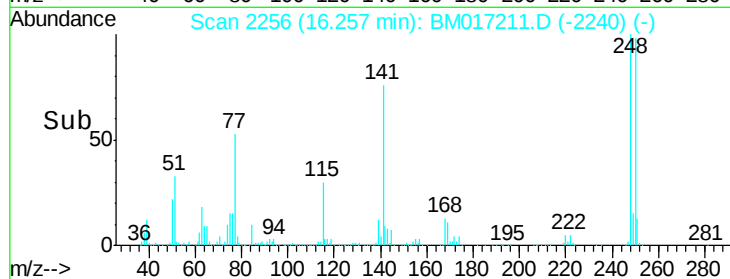
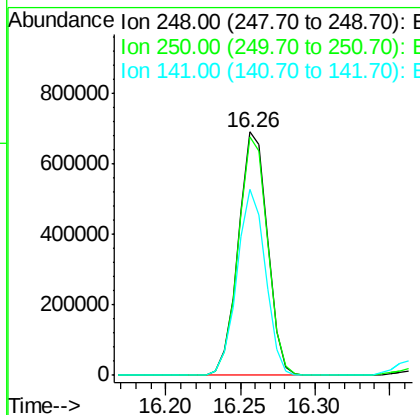
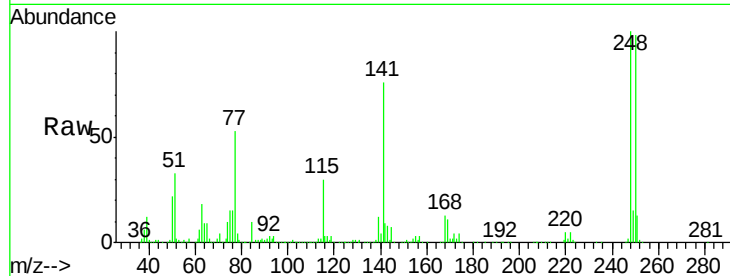
#67
4-Bromophenyl-phenylether
Concen: 54.981 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.1	112.7
141	76.5	55.6	83.4

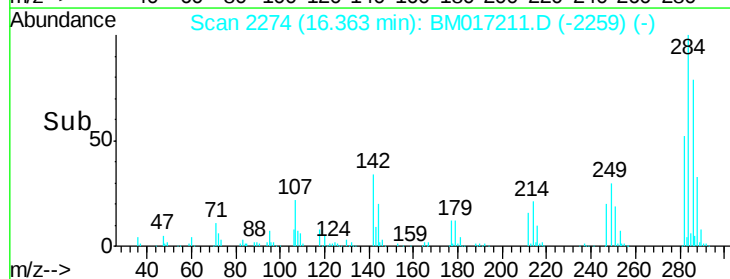
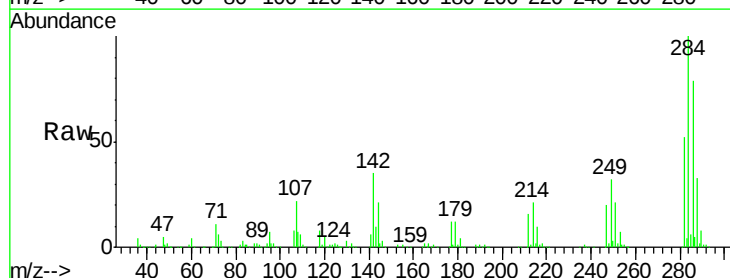
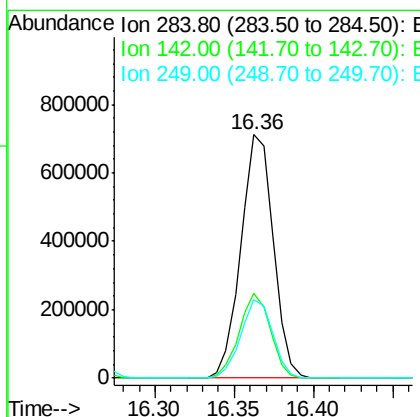
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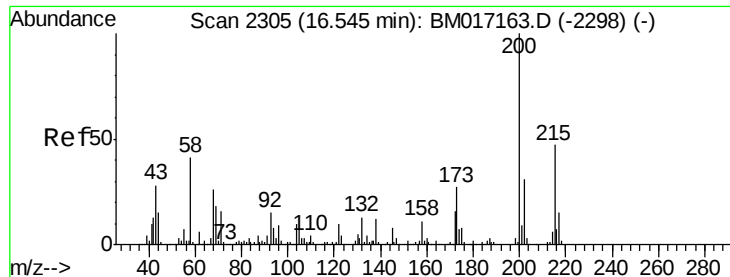
Sohil
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#68
Hexachlorobenzene
Concen: 51.025 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	25.0	37.6
249	32.3	25.5	38.3





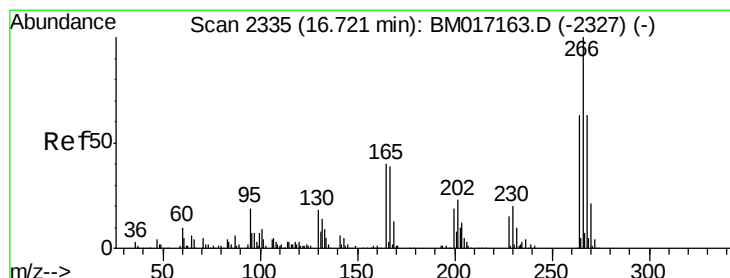
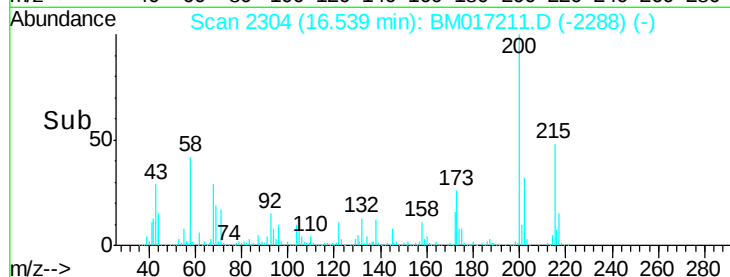
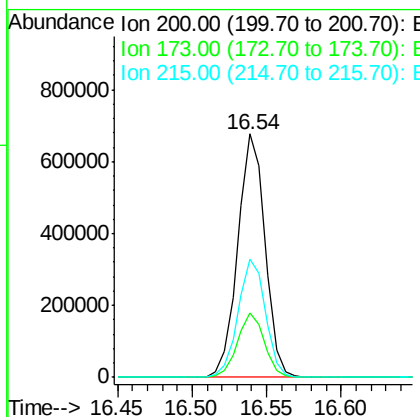
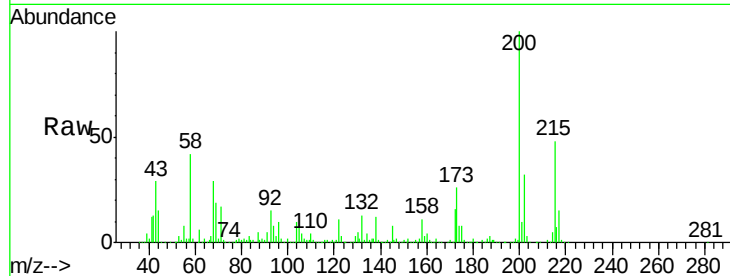
#69
 Atrazine
 Concen: 51.225 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM017211.D
 Acq: 19 Oct 2018 02:09

Instrument :
 BNA_M
 ClientSampleId :
 RLF-SW-5MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.0	47.0
215	48.4	27.3	67.3

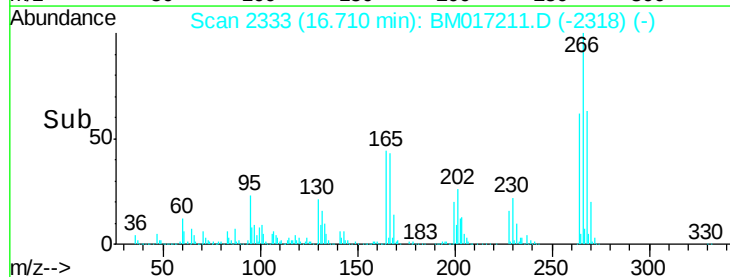
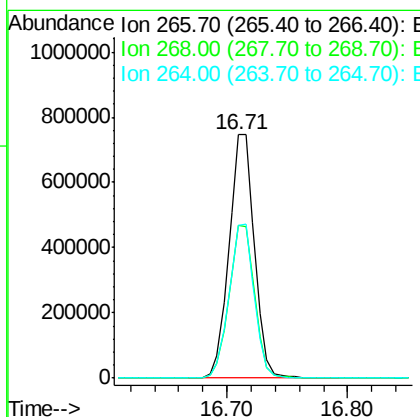
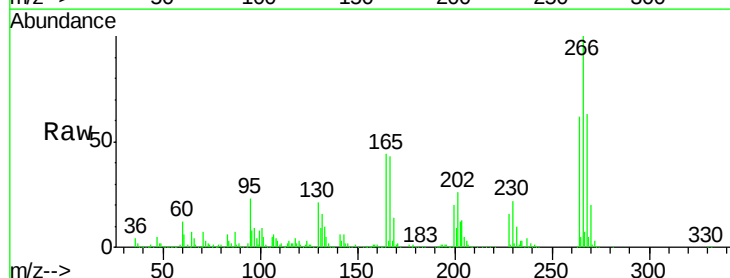
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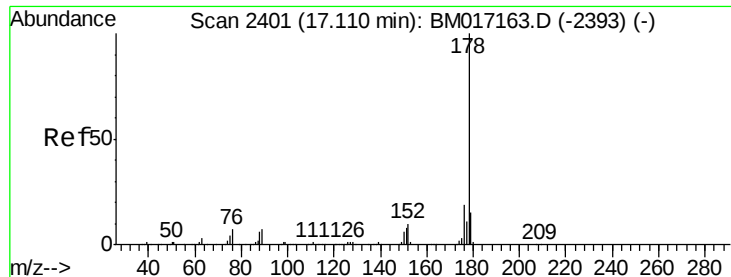
Sohil
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#70
 Pentachlorophenol
 Concen: 80.297 ng
 RT: 16.71 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BM017211.D
 Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.7	76.1
264	62.5	50.4	75.6





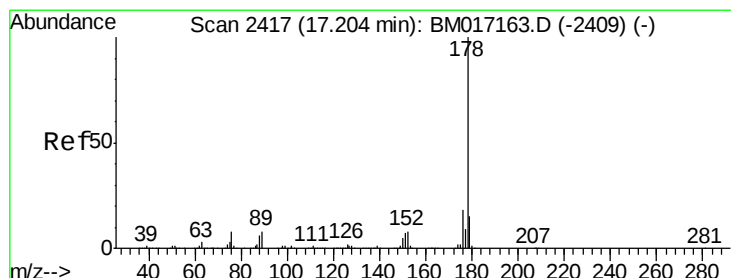
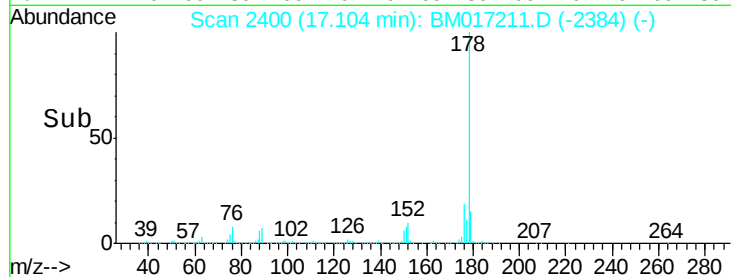
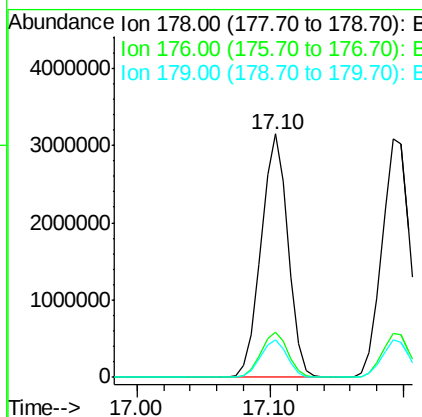
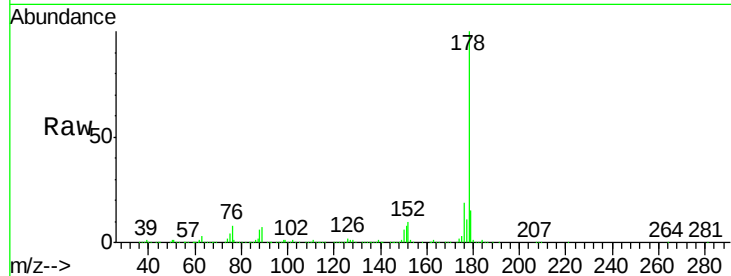
#71
Phenanthrene
Concen: 52.084 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion:178 Resp: 4362413
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.2 12.3 18.5

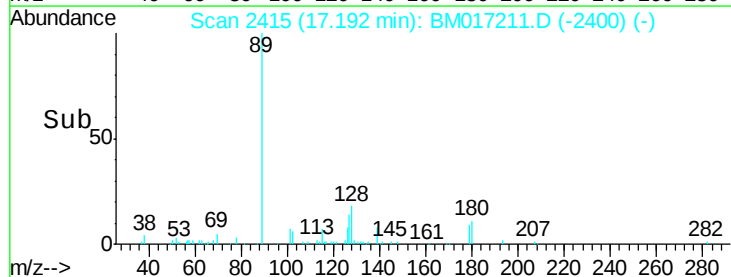
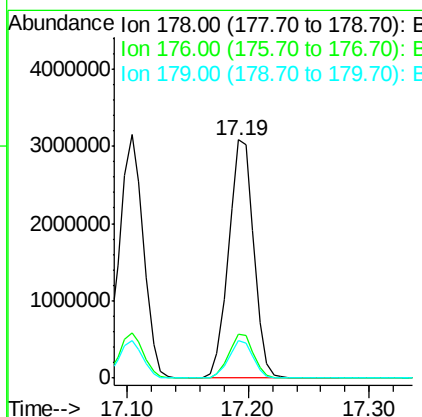
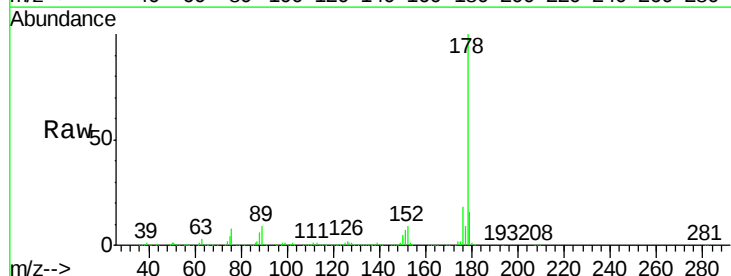
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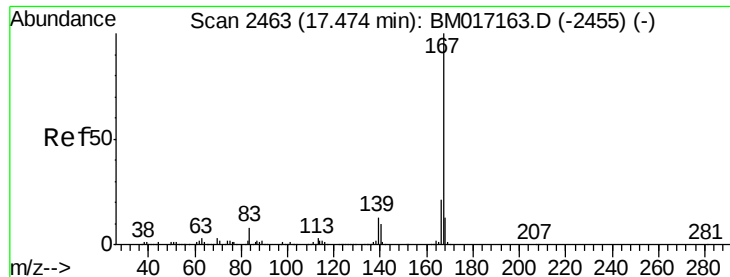
Sohil
10/19/2018 2:37:45 PM



#72
Anthracene
Concen: 55.656 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion:178 Resp: 4429342
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.6 12.2 18.2





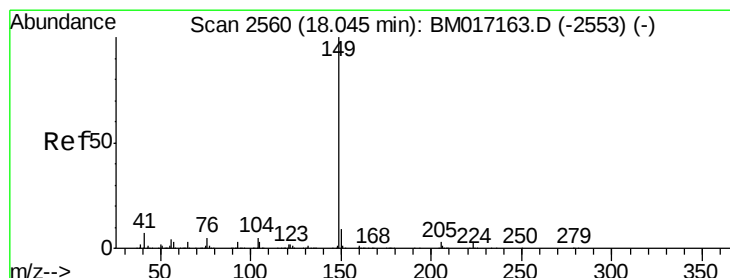
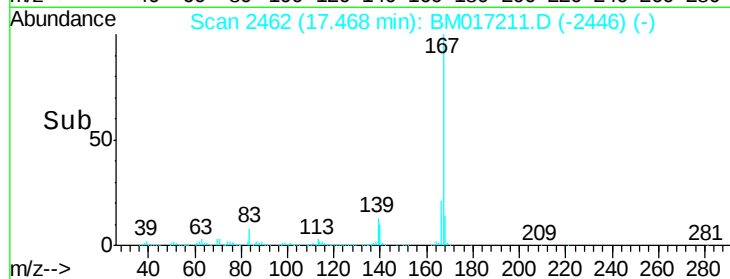
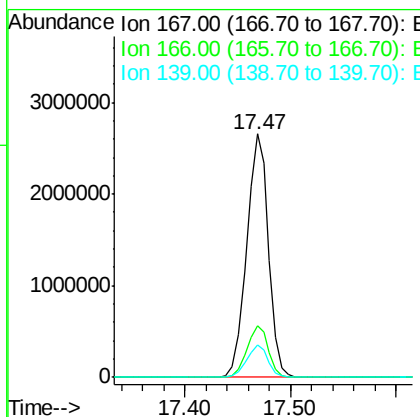
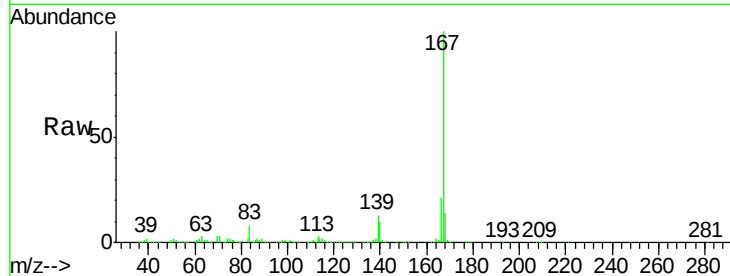
#73
 Carbazole
 Concen: 46.546 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017211.D
 Acq: 19 Oct 2018 02:09

Instrument :
 BNA_M
 ClientSampleId :
 RLF-SW-5MS

Tgt Ion:167 Resp: 3783995
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 13.1 10.1 15.1

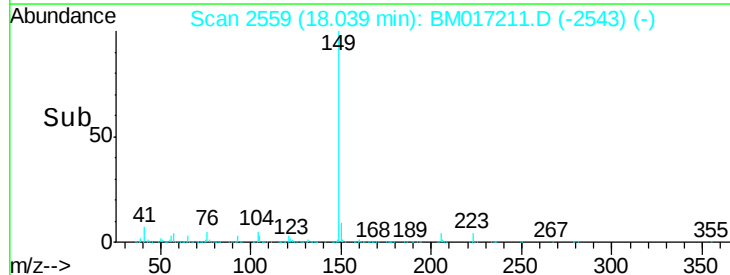
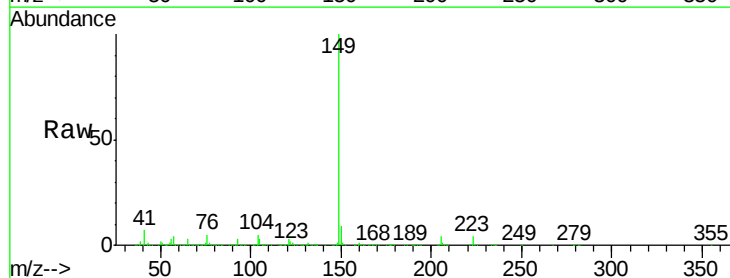
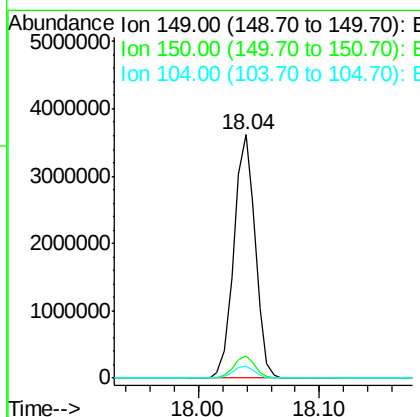
Manual Integrations
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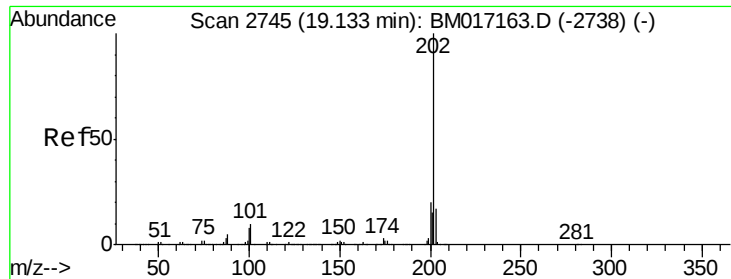
Sohil
 10/19/2018 2:37:45 PM



#74
 Di-n-butylphthalate
 Concen: 51.836 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017211.D
 Acq: 19 Oct 2018 02:09

Tgt Ion:149 Resp: 4444630
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 48.303 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

ClientSampleId :

RLF-SW-5MS

Tgt Ion:202 Resp: 4552498

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.0

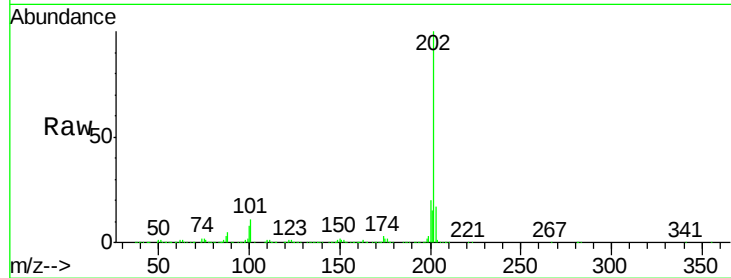
203 17.3 0.0 37.2

Manual Integrations

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Sohil

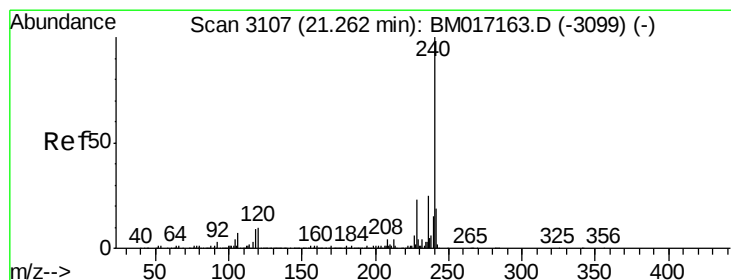
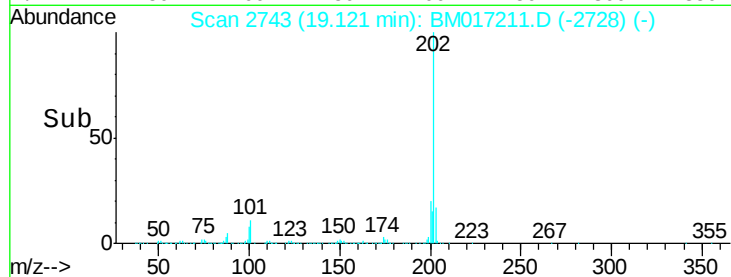
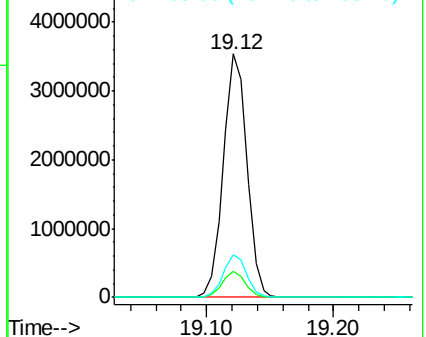
10/19/2018 2:37:45 PM



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: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Tgt Ion:240 Resp: 1333530

Ion Ratio Lower Upper

240 100

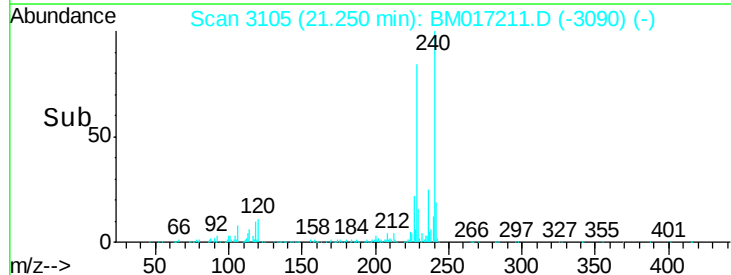
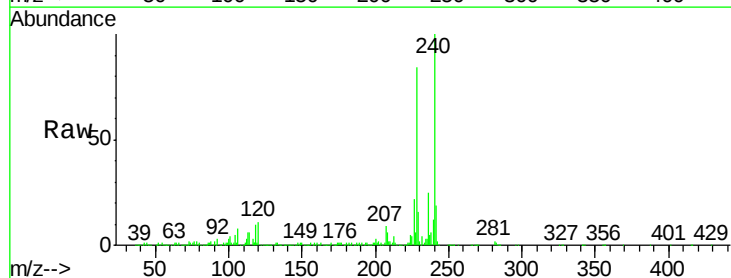
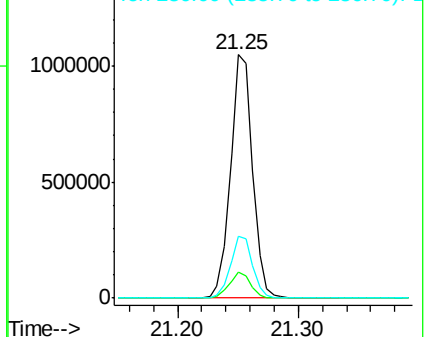
120 10.7 8.1 12.1

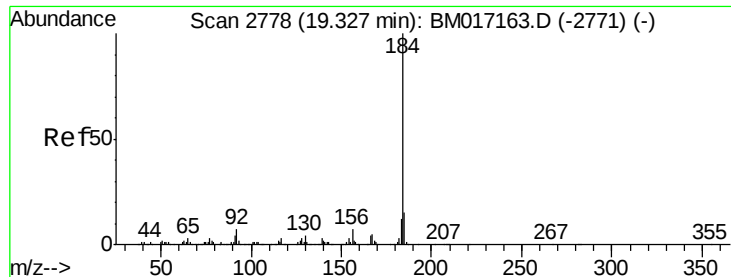
236 25.4 19.9 29.9

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: 45.662 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

ClientSampleId :

RLF-SW-5MS

Tgt Ion:184 Resp: 1543985

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

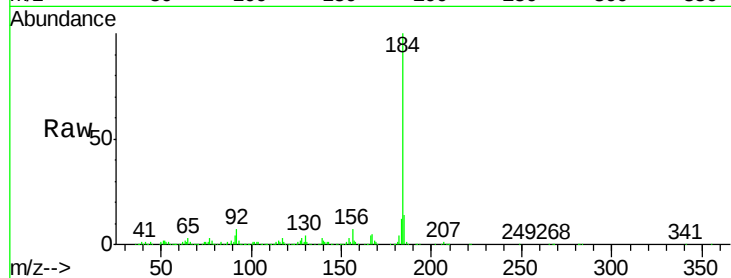
183 11.7 9.7 14.5

Manual Integrations

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Sohil

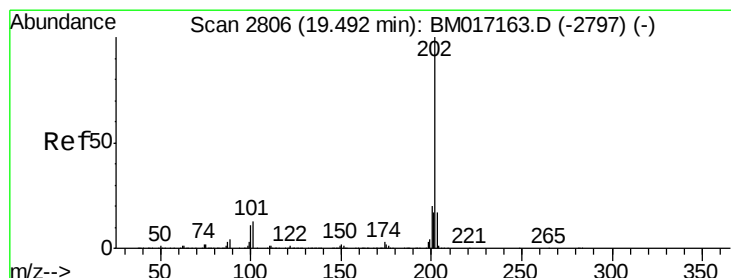
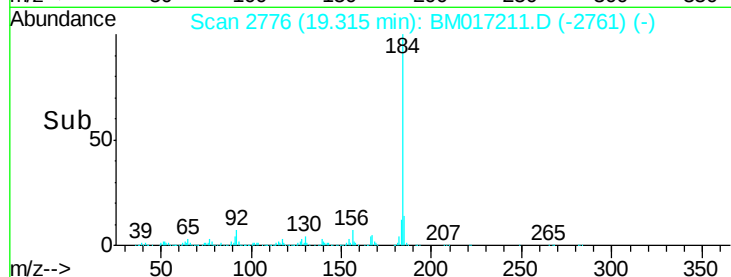
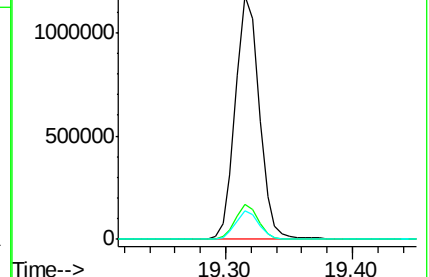
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 60.997 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

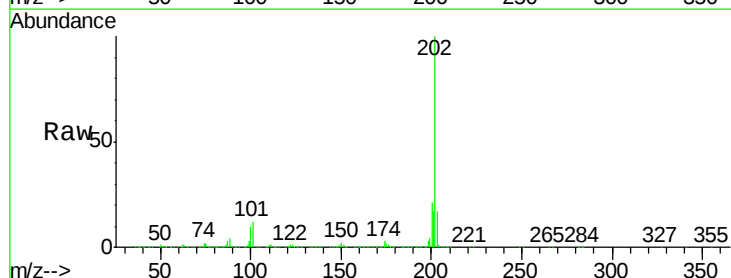
Tgt Ion:202 Resp: 4546180

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

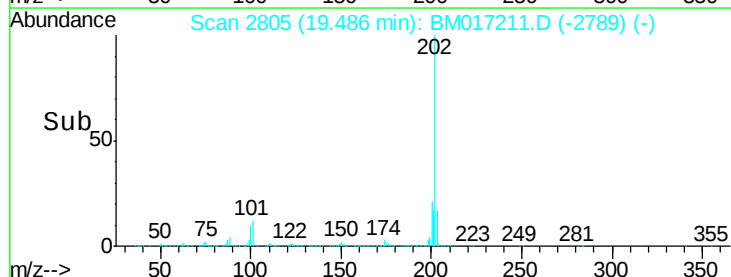
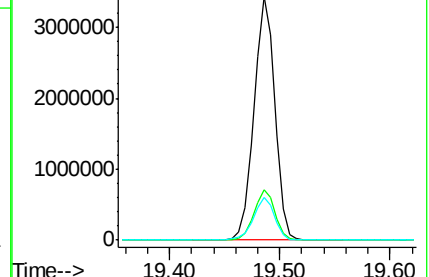
203 17.3 13.9 20.9

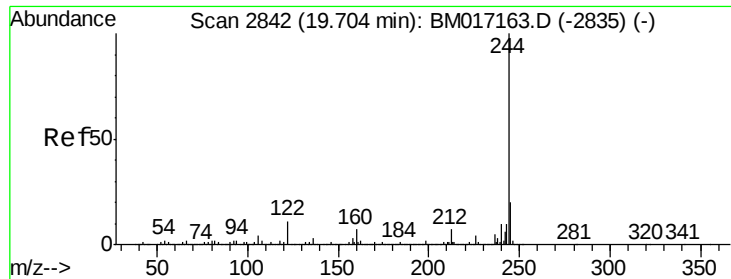


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.133 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

ClientSampleId :

RLF-SW-5MS

Tgt Ion:244 Resp: 5214216

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

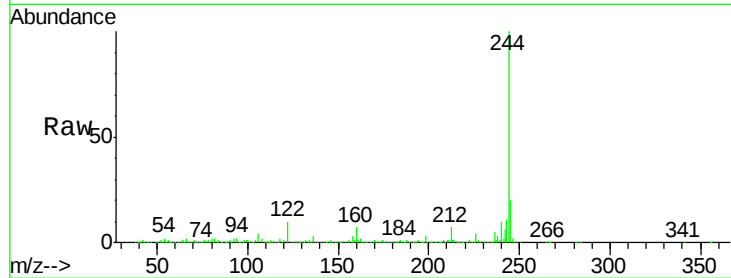
122 10.2 8.4 12.6

Manual Integrations

APPROVED

Sohil

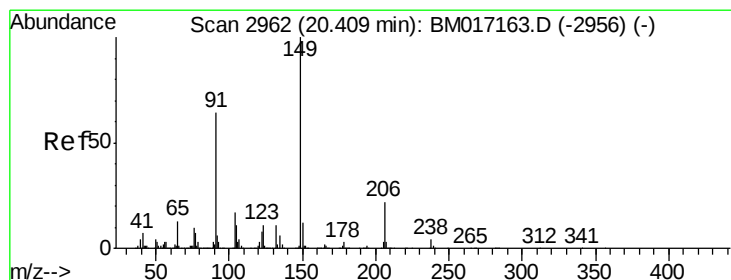
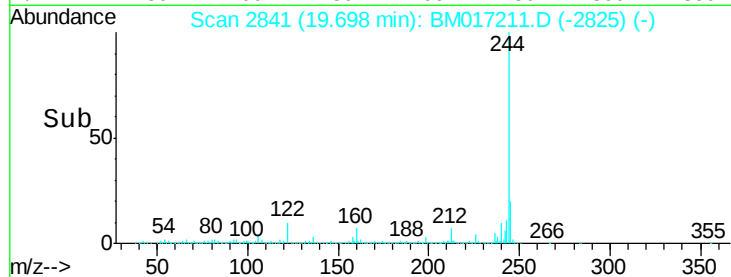
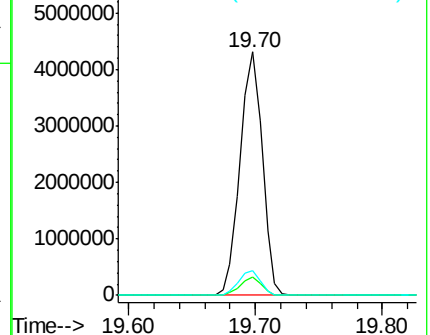
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 58.782 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

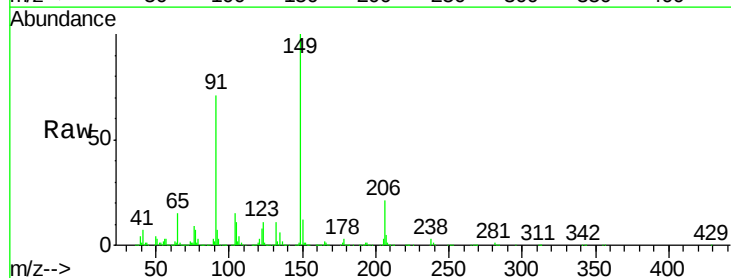
Tgt Ion:149 Resp: 1720906

Ion Ratio Lower Upper

149 100

91 70.9 51.3 76.9

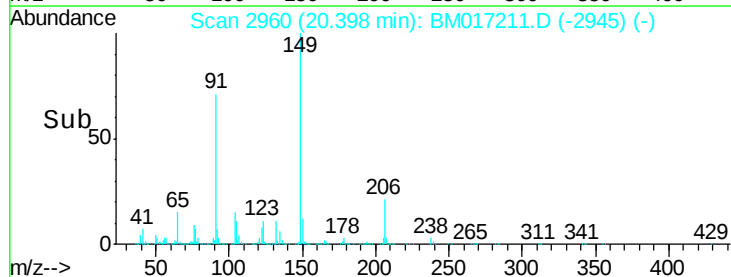
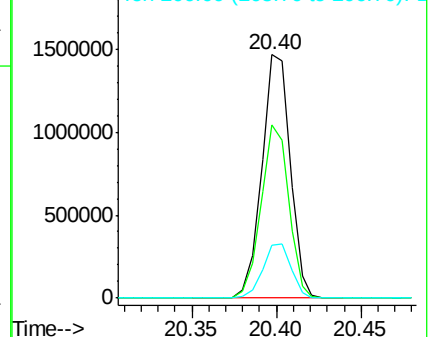
206 21.5 18.0 27.0

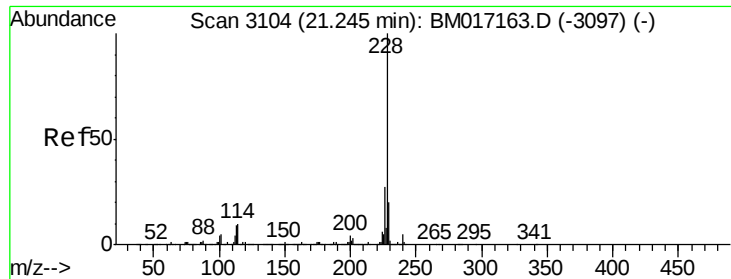


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





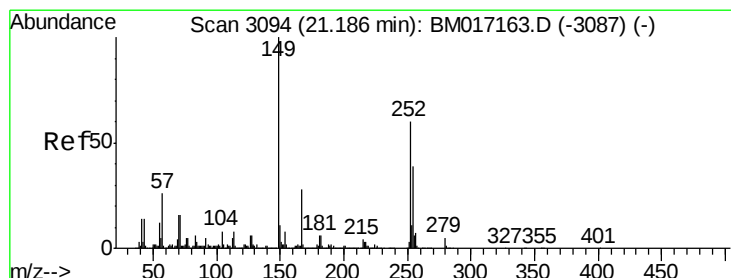
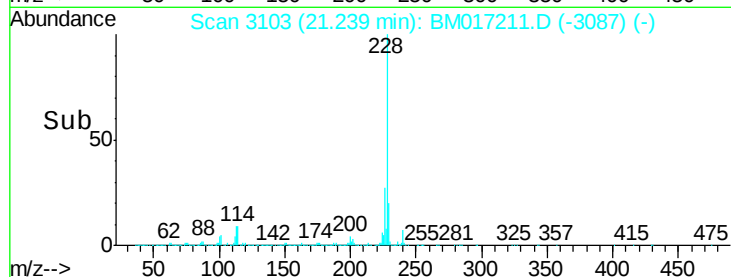
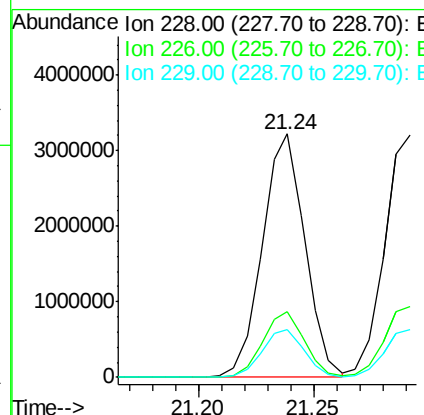
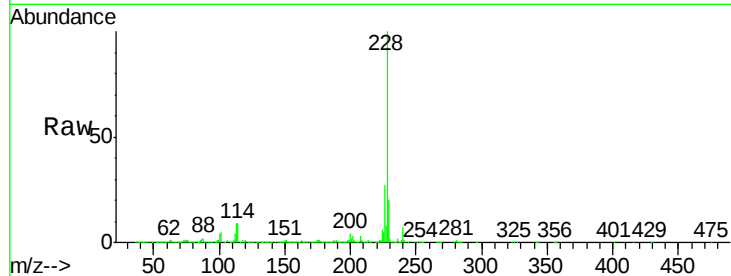
#81
Benzo(a)anthracene
Concen: 54.817 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion:228 Resp: 4113635
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.8 15.9 23.9

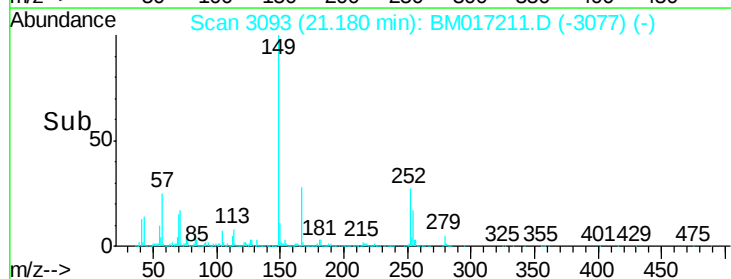
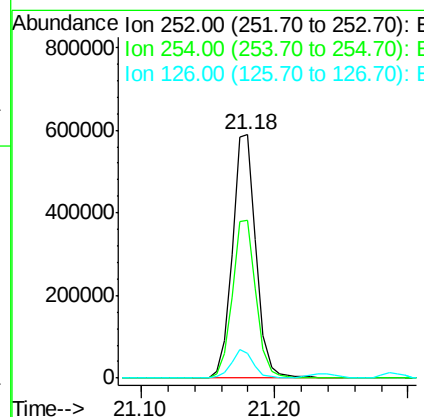
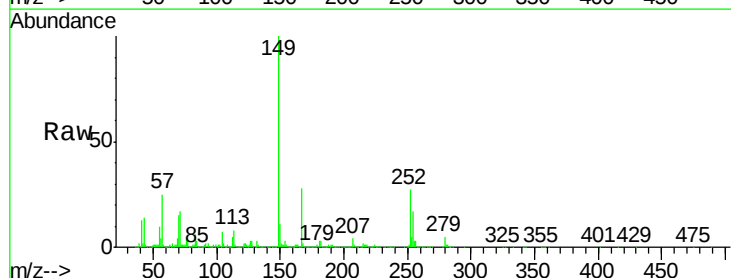
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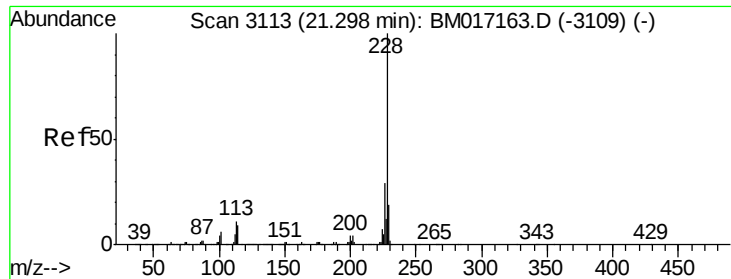
Sohil
10/19/2018 2:37:45 PM



#82
3,3'-Dichlorobenzidine
Concen: 26.235 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion:252 Resp: 733763
Ion Ratio Lower Upper
252 100
254 64.6 52.1 78.1
126 10.0 8.6 12.8





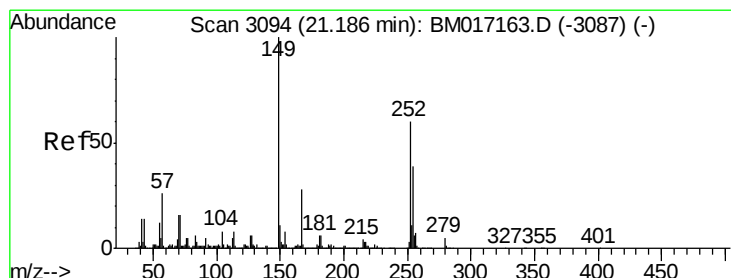
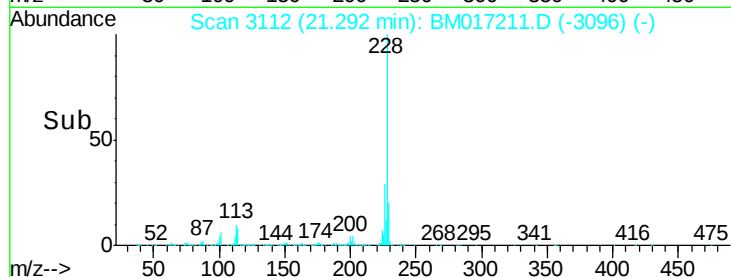
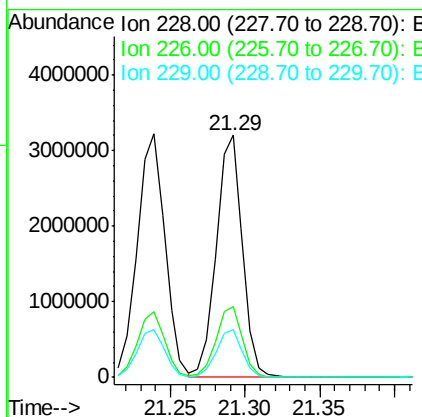
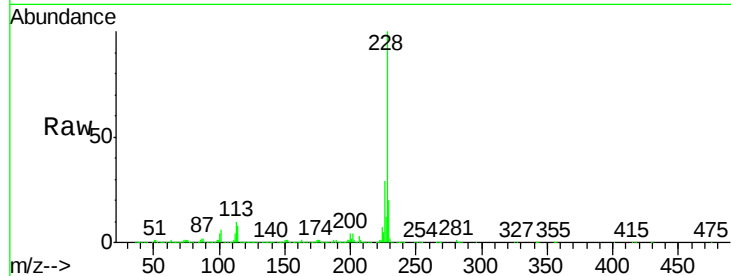
#83
Chrysene
Concen: 52.683 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion:228 Resp: 3913131
Ion Ratio Lower Upper
228 100
226 29.4 23.3 34.9
229 19.5 15.6 23.4

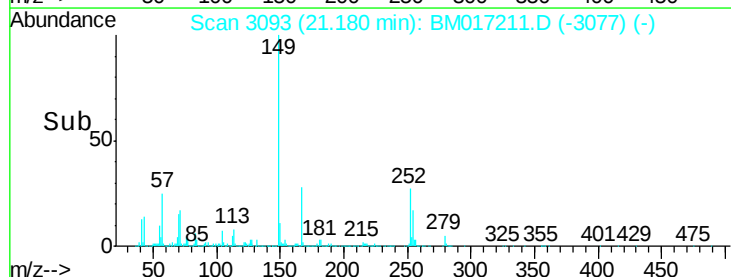
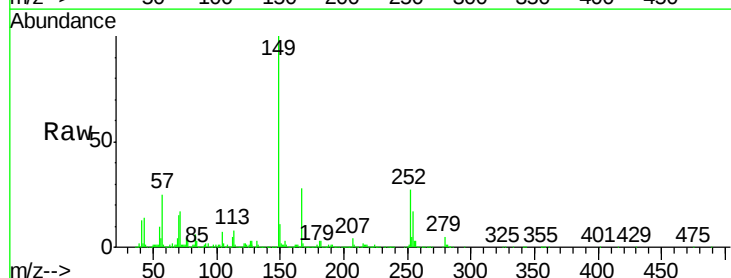
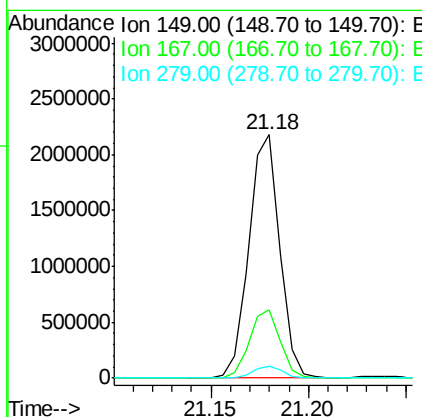
Manual Integrations
APPROVED

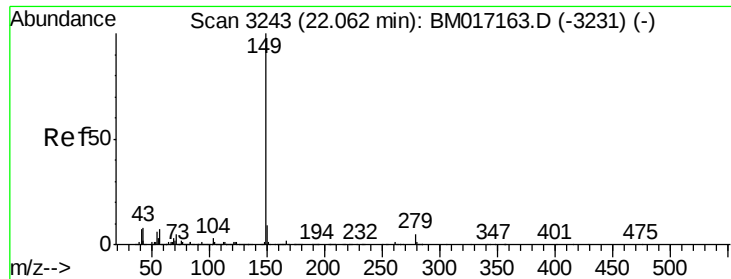
Sohil
10/19/2018 2:37:45 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.076 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion:149 Resp: 2379344
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 5.0 3.6 5.4





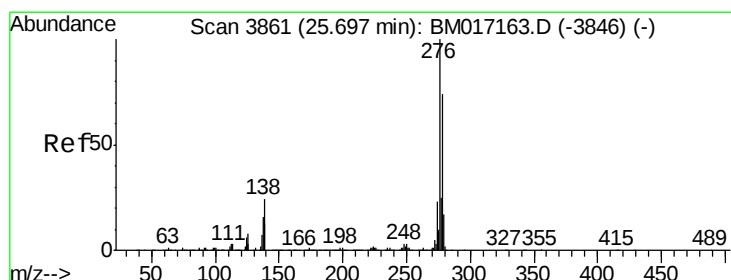
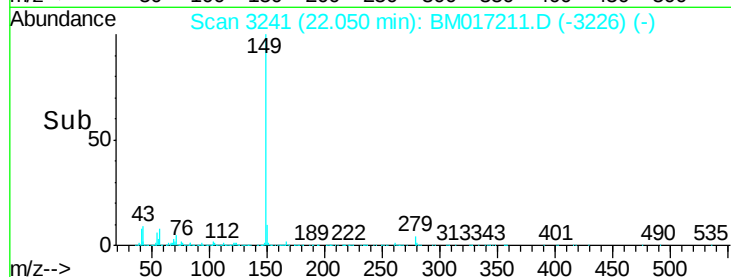
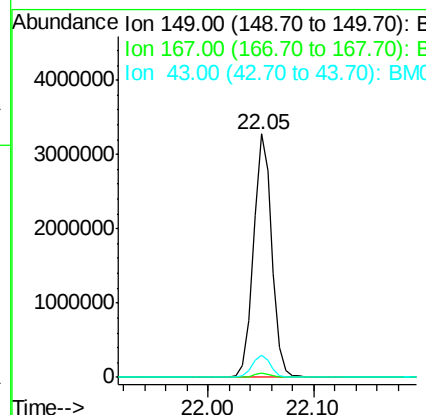
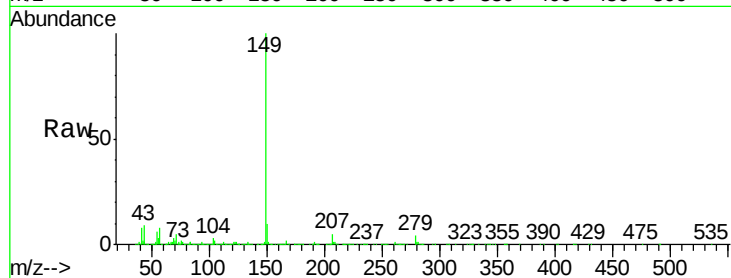
#85
Di-n-octyl phthalate
Concen: 52.821 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.0	7.2	10.8

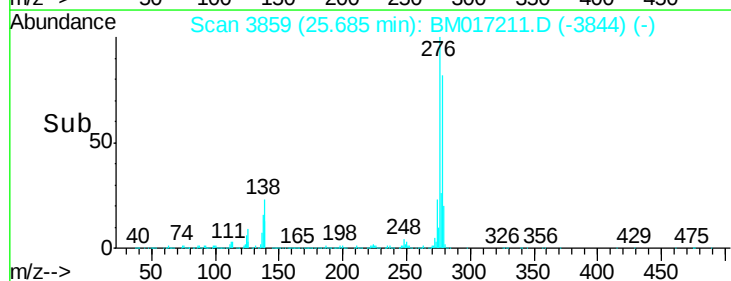
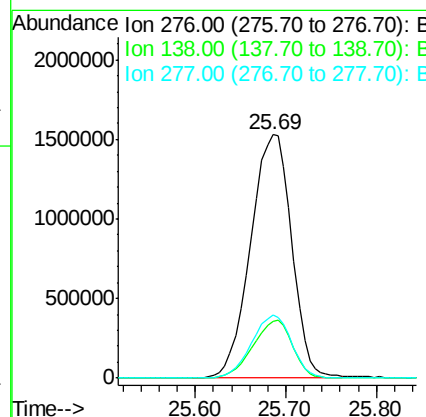
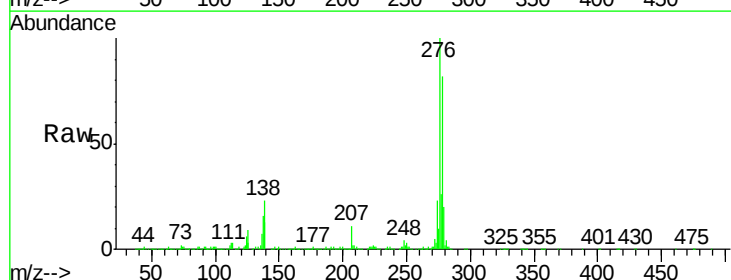
Manual Integrations
APPROVED

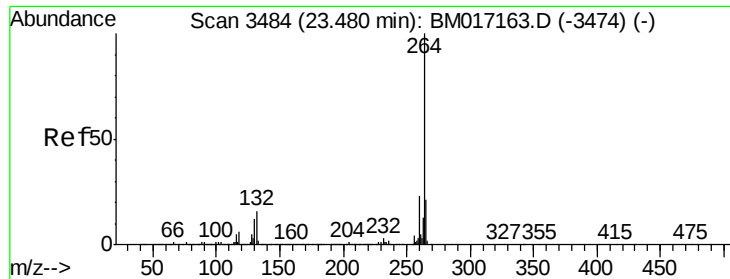
Sohil
10/19/2018 2:37:45 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 57.912 ng
RT: 25.69 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.5	29.3
277	25.1	20.1	30.1





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

Instrument :

BNA_M

ClientSampleId :

RLF-SW-5MS

Tgt Ion:264 Resp: 1360740

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

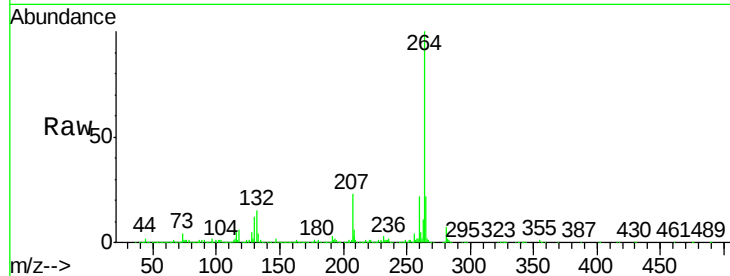
265 21.8 17.8 26.8

Manual Integrations

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Sohil

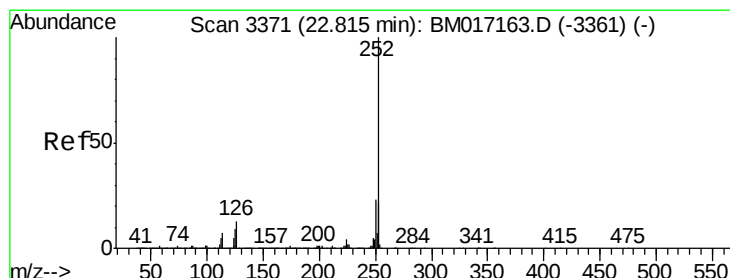
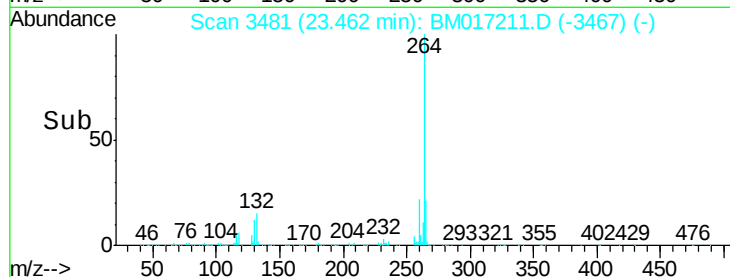
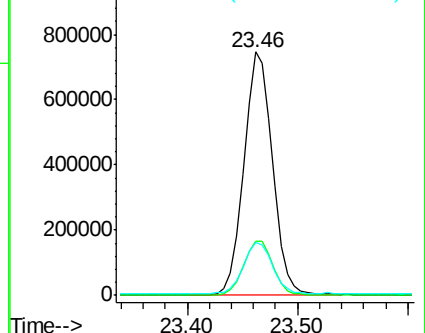
10/19/2018 2:37:45 PM



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: 55.602 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017211.D

Acq: 19 Oct 2018 02:09

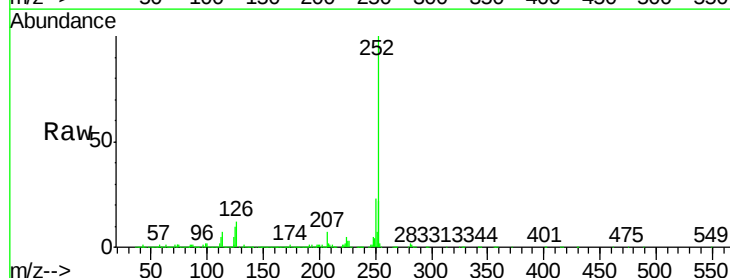
Tgt Ion:252 Resp: 4136584

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

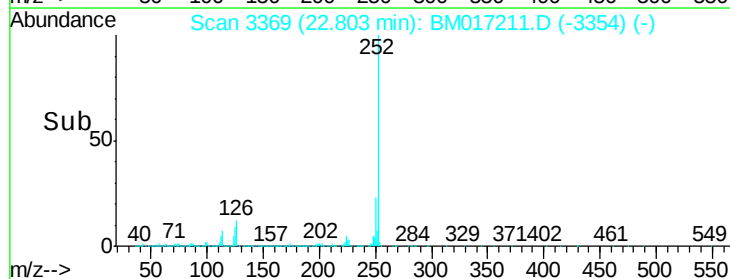
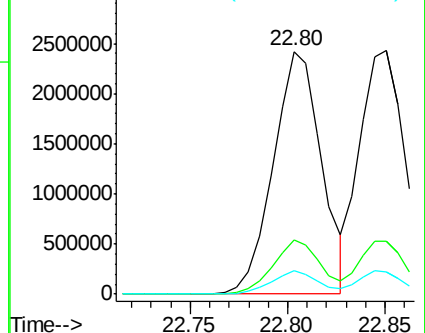
125 9.5 7.5 11.3

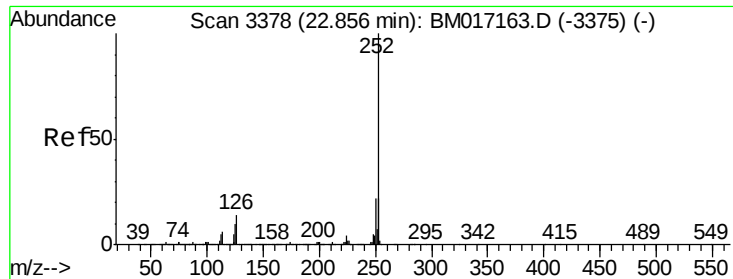


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





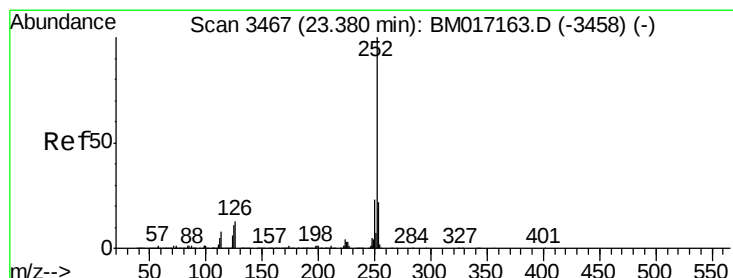
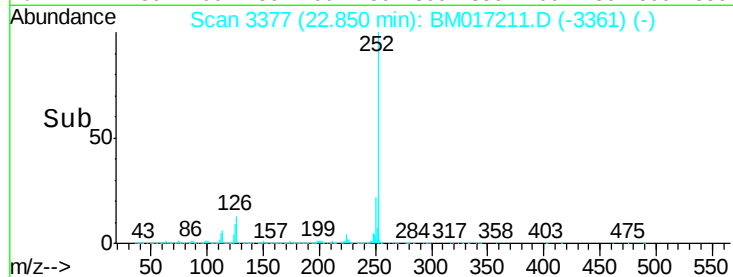
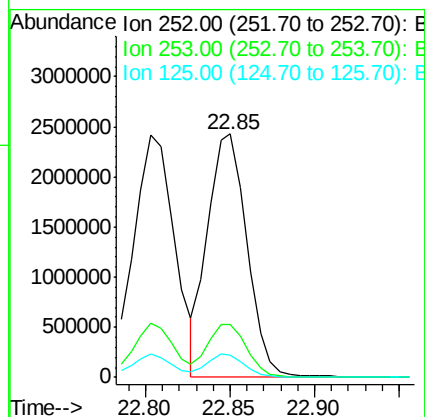
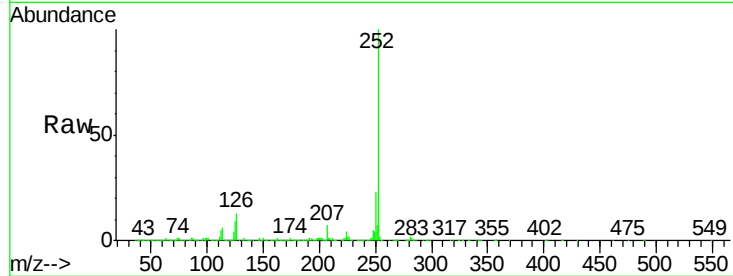
#89
Benzo(k)fluoranthene
Concen: 52.408 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.9	8.2	12.2

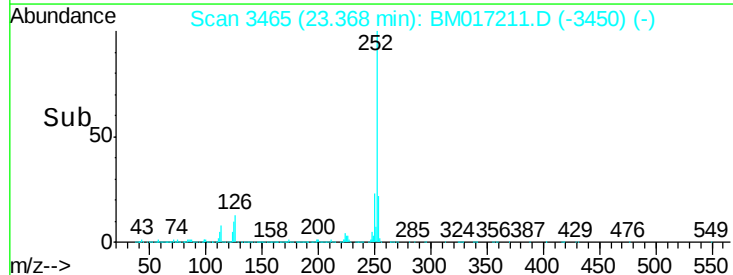
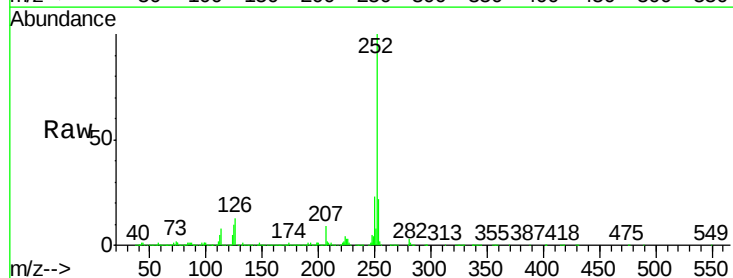
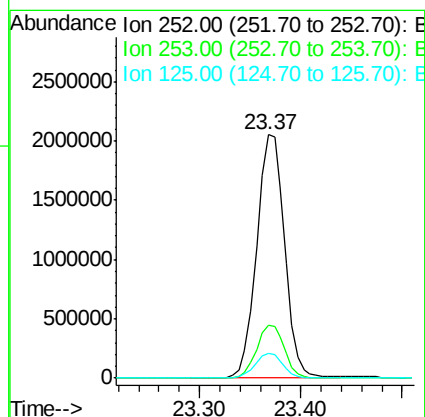
Manual Integrations
APPROVED

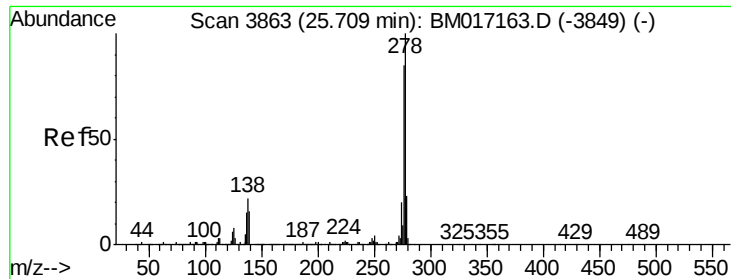
Sohil
10/19/2018 2:37:45 PM



#90
Benzo(a)pyrene
Concen: 55.642 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.3	8.6	13.0





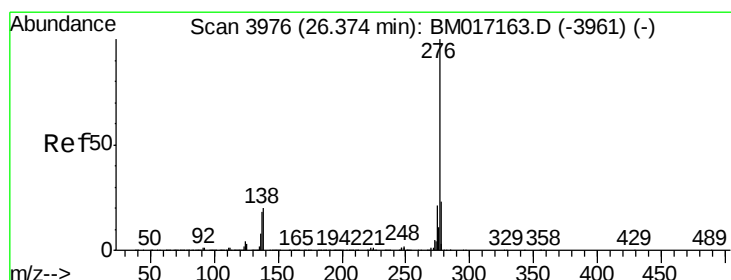
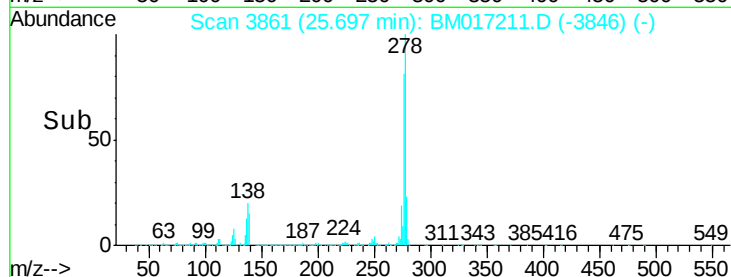
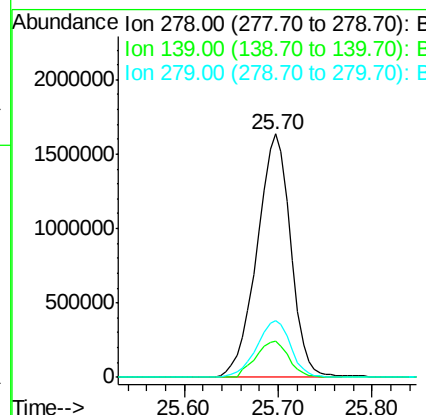
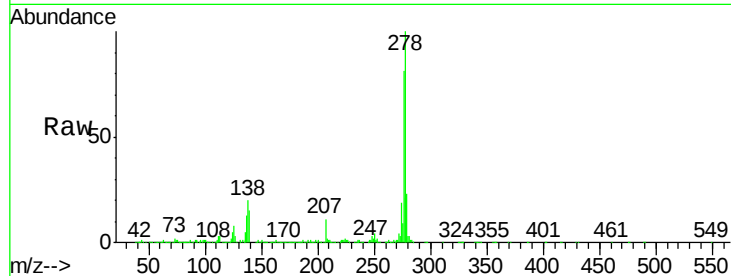
#91
Dibenzo(a,h)anthracene
Concen: 57.959 ng
RT: 25.70 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Tgt Ion: 278 Resp: 4065296
Ion Ratio Lower Upper
278 100
139 14.9 12.7 19.1
279 23.3 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/19/2018 2:37:45 PM



#92
Benzo(g,h,i)perylene
Concen: 58.943 ng
RT: 26.36 min Scan# 3974
Delta R.T. -0.01 min
Lab File: BM017211.D
Acq: 19 Oct 2018 02:09

Tgt Ion: 276 Resp: 4097591
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 19.4 16.4 24.6

