

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017248.D
 Acq On : 20 Oct 2018 03:36
 Operator : MJ/SJ
 Sample : PB113966BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

Manual Integrations
 APPROVED

Sohil
 10/22/2018 1:09:31 PM

Quant Time: Oct 20 06:47:40 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	7.66	152	363710	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1611046	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	921379	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1918845	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1603505	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1269413	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	3391540	157.71	ng	0.00
7) Phenol-d6	6.86	99	4542300	155.09	ng	0.00
23) Nitrobenzene-d5	8.82	82	2249499	81.66	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1755900	140.92	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	5352576	77.30	ng	-0.01
79) Terphenyl-d14	19.70	244	6285985	88.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	311148	28.335	ng	# 87
3) Pyridine	3.65	79	915544	36.236	ng	# 86
4) n-Nitrosodimethylamine	3.56	42	426641	42.063	ng	# 73
6) Aniline	7.01	93	1468287	40.081	ng	98
8) 2-Chlorophenol	7.24	128	1151097	46.270	ng	98
9) Benzaldehyde	6.82	77	588101	31.493	ng	96
10) Phenol	6.88	94	1416660	44.944	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	994549	39.581	ng	99
12) 1,3-Dichlorobenzene	7.55	146	1151165	39.694	ng	95
13) 1,4-Dichlorobenzene	7.70	146	1178225	39.765	ng	97
14) 1,2-Dichlorobenzene	8.02	146	1132696	39.678	ng	99
15) Benzyl Alcohol	7.91	79	999503	46.689	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1355485	38.613	ng	100
17) 2-Methylphenol	8.11	107	954257	47.166	ng	98
18) Hexachloroethane	8.73	117	424903	41.904	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	820412	42.542	ng	99
20) 3+4-Methylphenols	8.44	107	1297676	46.896	ng	98
22) Acetophenone	8.49	105	1620989	39.693	ng	# 99
24) Nitrobenzene	8.86	77	1212697	41.620	ng	95
25) Isophorone	9.39	82	2183865	48.011	ng	98
26) 2-Nitrophenol	9.56	139	606684	44.906	ng	97
27) 2,4-Dimethylphenol	9.63	122	1070055	53.202	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	1407989	43.979	ng	99
29) 2,4-Dichlorophenol	10.09	162	1098138	47.024	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	1110548	39.642	ng	100
31) Naphthalene	10.49	128	3381613	42.832	ng	99
32) Benzoic acid	9.80	122	703284	46.863	ng	97
33) 4-Chloroaniline	10.61	127	714664	20.959	ng	98
34) Hexachlorobutadiene	10.77	225	679904	38.304	ng	98
35) Caprolactam	11.41	113	303922m	35.711	ng	
36) 4-Chloro-3-methylphenol	11.74	107	1160599	44.090	ng	97
37) 2-Methylnaphthalene	12.11	142	2541476	47.041	ng	99
38) 1-Methylnaphthalene	12.33	142	2382839	45.316	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1300843	40.090	ng	# 99

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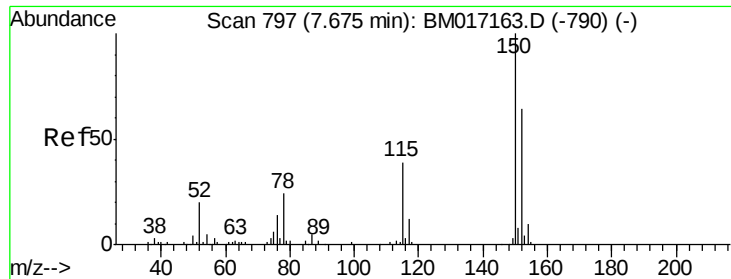
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1916574	122.181	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	874027	46.402	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	930972	46.091	ng	97
46) 1,1'-Biphenyl	13.13	154	3208651	38.698	ng	99
47) 2-Chloronaphthalene	13.17	162	2480229	40.661	ng	99
48) 2-Nitroaniline	13.39	65	703232	41.660	ng	94
49) Acenaphthylene	14.03	152	3995533	45.190	ng	99
50) Dimethylphthalate	13.78	163	2972601	41.818	ng	100
51) 2,6-Dinitrotoluene	13.89	165	663880	42.433	ng	96
52) Acenaphthene	14.37	154	2327226	41.921	ng	98
53) 3-Nitroaniline	14.23	138	442178	26.095	ng	96
54) 2,4-Dinitrophenol	14.43	184	740677	80.625	ng	99
55) Dibenzofuran	14.71	168	3678106	39.842	ng	99
56) 4-Nitrophenol	14.55	139	1529704	97.929	ng	97
57) 2,4-Dinitrotoluene	14.69	165	905816	43.076	ng	98
58) Fluorene	15.36	166	2932934	42.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	828960	45.024	ng	99
60) Diethylphthalate	15.15	149	2954519	41.910	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1506853	38.681	ng	99
62) 4-Nitroaniline	15.40	138	650030	35.724	ng	98
63) Azobenzene	15.66	77	2814666	41.078	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	507278	42.165	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2563199	44.152	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	941673	44.695	ng	98
68) Hexachlorobenzene	16.36	284	1017135	41.560	ng	99
69) Atrazine	16.54	200	890525	42.859	ng	99
70) Pentachlorophenol	16.71	266	1189371	70.942	ng	99
71) Phenanthrene	17.10	178	4387487	42.380	ng	100
72) Anthracene	17.19	178	4484107	45.584	ng	100
73) Carbazole	17.47	167	3850339	38.317	ng	99
74) Di-n-butylphthalate	18.03	149	4575635	43.173	ng	100
75) Fluoranthene	19.12	202	4658610	39.989	ng	99
77) Benzidine	19.32	184	2316780	56.980	ng	98
78) Pyrene	19.49	202	4660893	52.007	ng	100
80) Butylbenzylphthalate	20.40	149	1786055	51.718	ng	97
81) Benzo(a)anthracene	21.23	228	4001569	44.346	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	895907	26.639	ng	100
83) Chrysene	21.29	228	3749590	41.982	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2436687	46.843	ng	100
85) Di-n-octyl phthalate	22.05	149	3695428	42.524	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	3291517	32.949	ng	98
88) Benzo(b)fluoranthene	22.80	252	3268218	47.090	ng	100
89) Benzo(k)fluoranthene	22.84	252	3253554	46.719	ng	99
90) Benzo(a)pyrene	23.37	252	3031431	46.003	ng	100
91) Dibenzo(a,h)anthracene	25.69	278	2779953	42.486	ng	100
92) Benzo(g,h,i)perylene	26.35	276	2760024	42.559	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

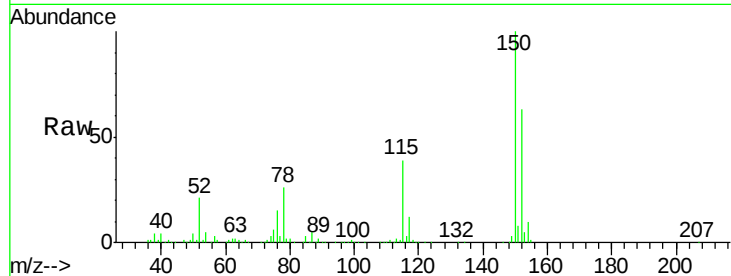
ClientSampleId :

PB113966BS

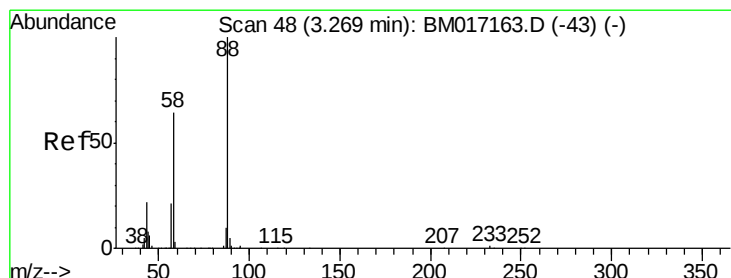
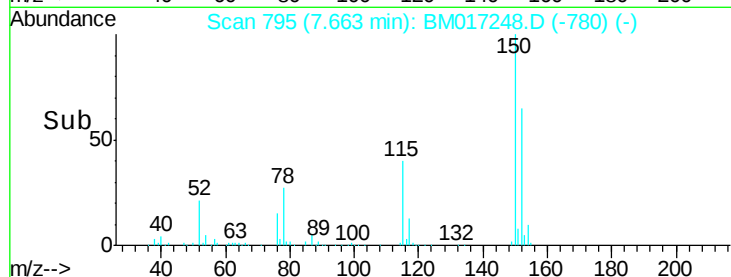
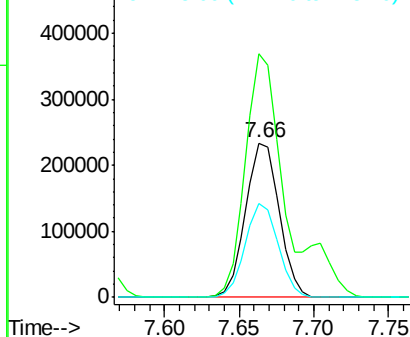
Tgt Ion:	152	Resp:	363710
Ion Ratio	Lower	Upper	
152	100		
150	158.0	124.3	186.5
115	61.1	48.1	72.1

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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



#2

1,4-Dioxane

Concen: 28.335 ng

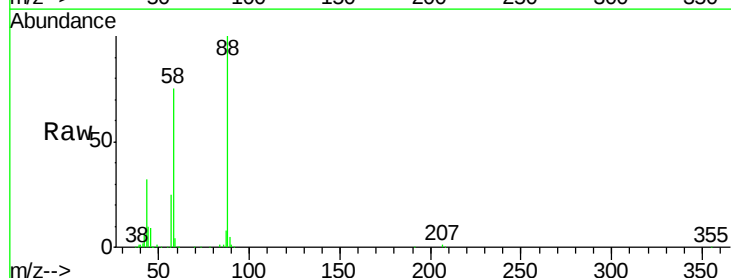
RT: 3.26 min Scan# 47

Delta R.T. -0.01 min

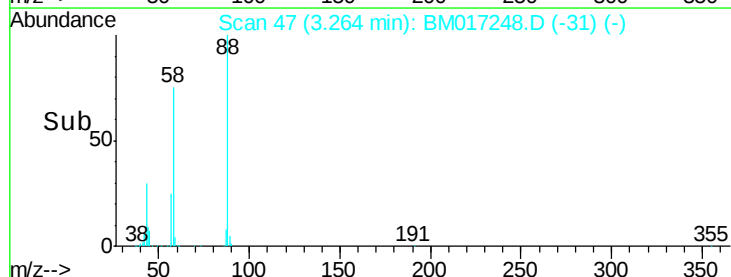
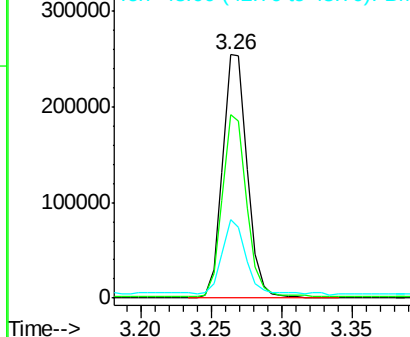
Lab File: BM017248.D

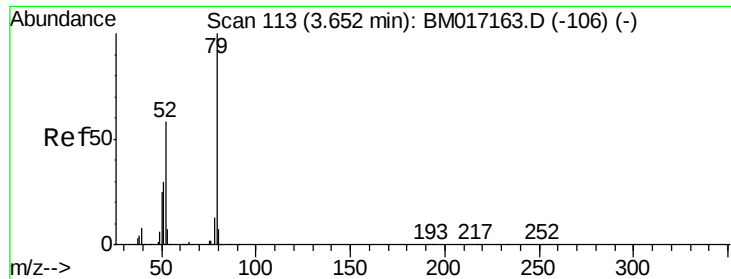
Acq: 20 Oct 2018 03:36

Tgt Ion:	88	Resp:	311148
Ion Ratio	Lower	Upper	
88	100		
58	73.6	50.2	75.4
43	30.1	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: 36.236 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

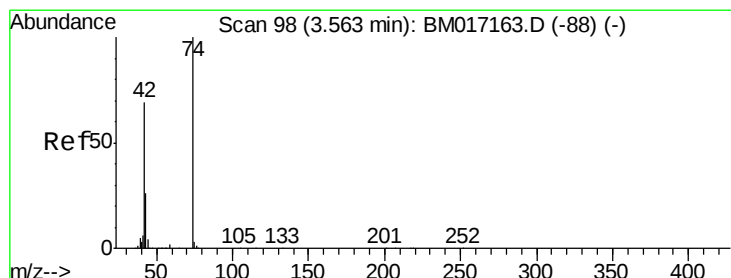
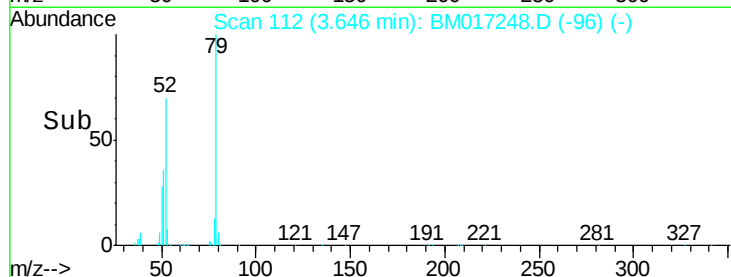
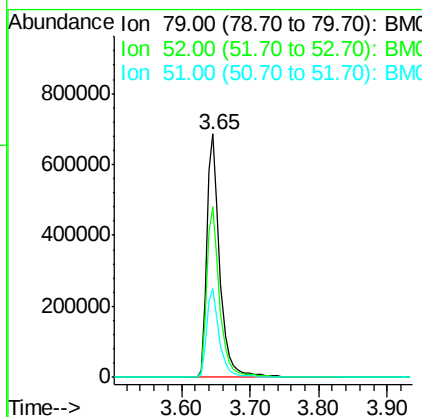
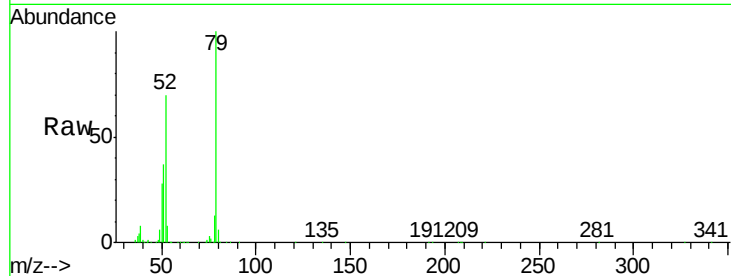
ClientSampleId :

PB113966BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	70.3	46.5	69.7#
51	36.6	24.6	37.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.063 ng

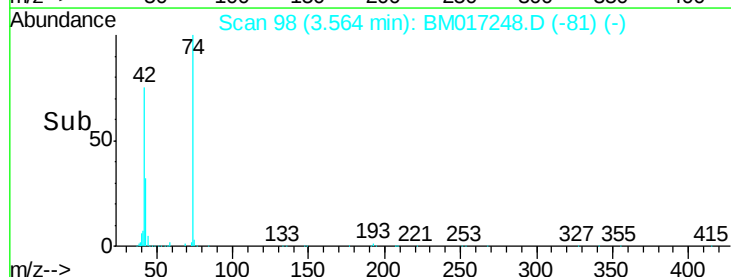
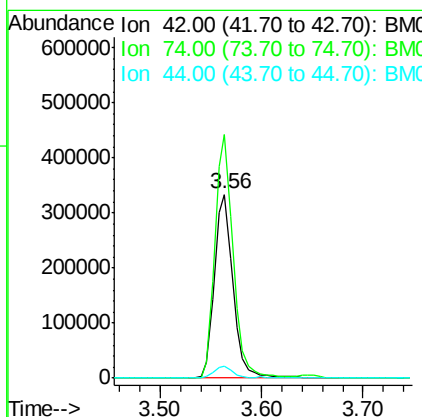
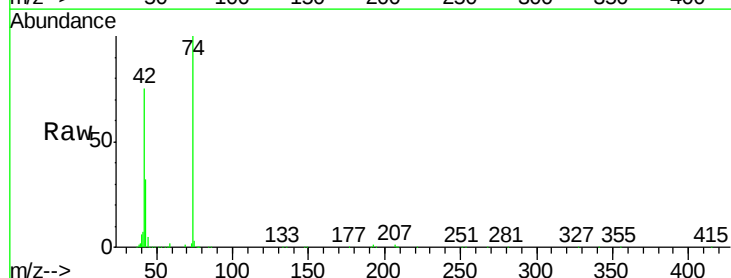
RT: 3.56 min Scan# 98

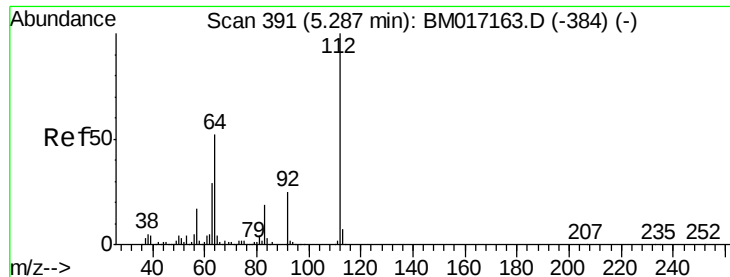
Delta R.T. 0.00 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.6	114.4	171.6
44	6.6	48.6	73.0#





#5

2-Fluorophenol

Concen: 157.714 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

PB113966BS

Tgt Ion: 112 Resp: 3391540

Ion Ratio Lower Upper

112 100

64 58.6 41.7 62.5

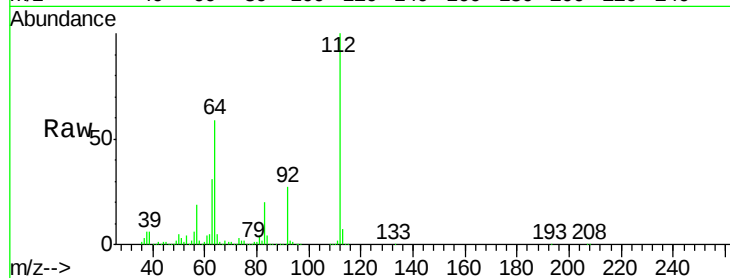
63 30.7 23.0 34.4

Manual Integrations

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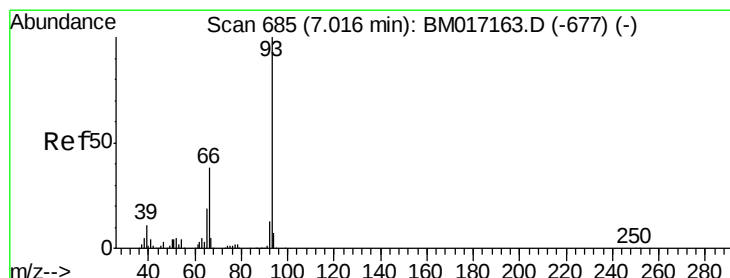
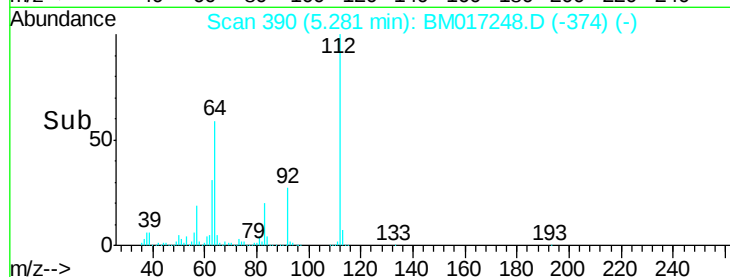
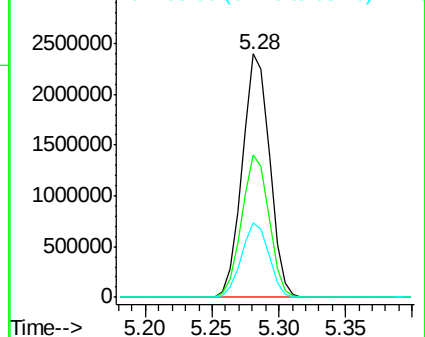
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 40.081 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

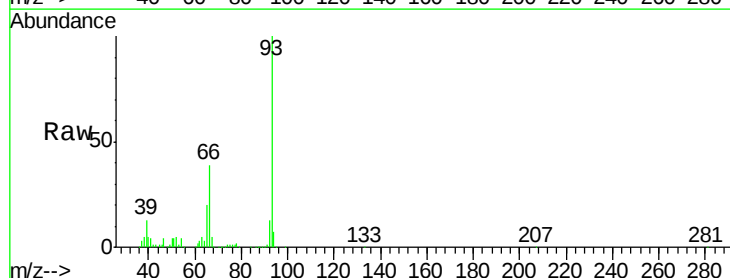
Tgt Ion: 93 Resp: 1468287

Ion Ratio Lower Upper

93 100

66 39.3 30.4 45.6

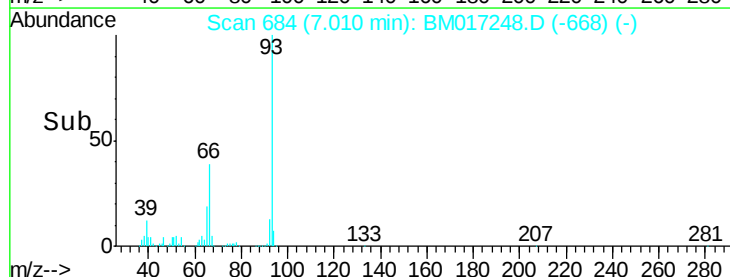
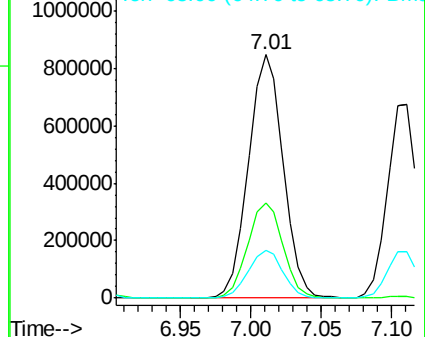
65 19.6 15.3 22.9

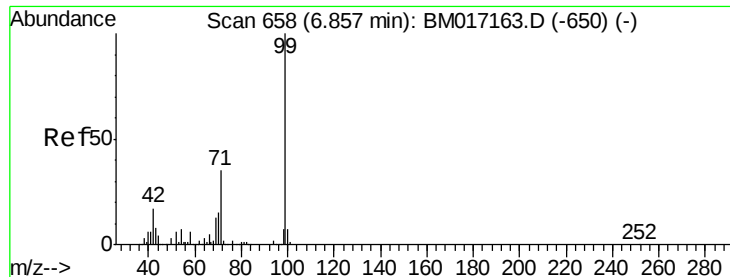


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 155.093 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

PB113966BS

Tgt Ion: 99 Resp: 4542300

Ion Ratio Lower Upper

99 100

42 17.7 13.3 19.9

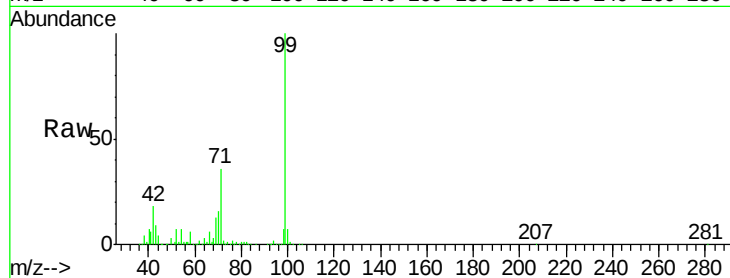
71 35.7 28.0 42.0

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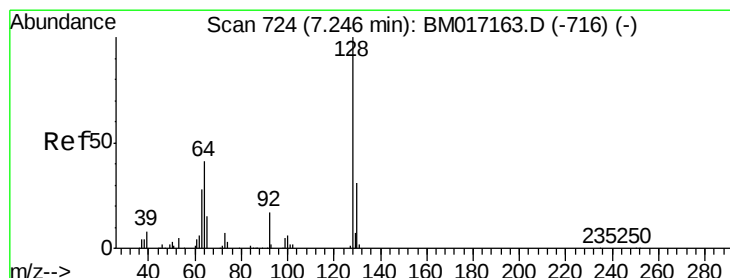
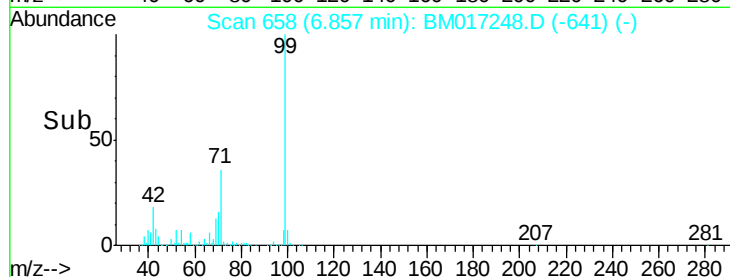
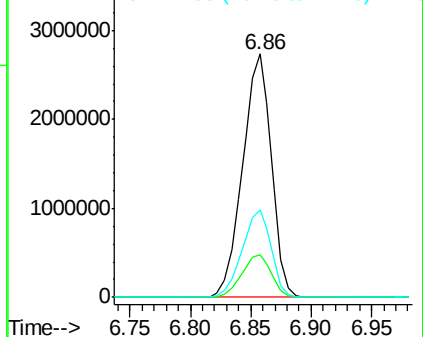
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Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 46.270 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

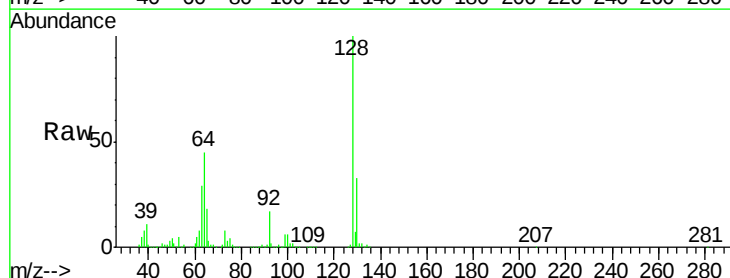
Tgt Ion: 128 Resp: 1151097

Ion Ratio Lower Upper

128 100

130 32.7 11.0 51.0

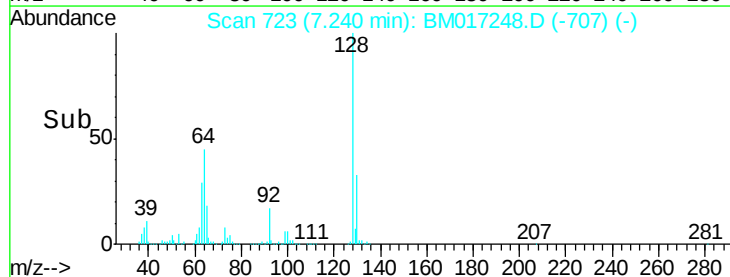
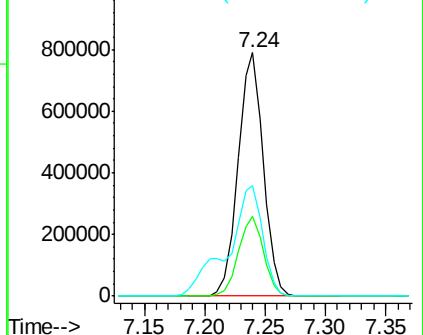
64 45.3 24.1 64.1

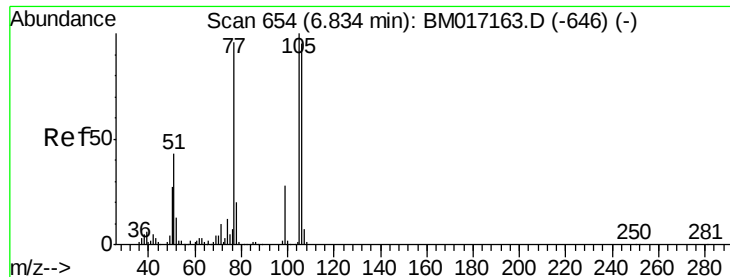


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 31.493 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

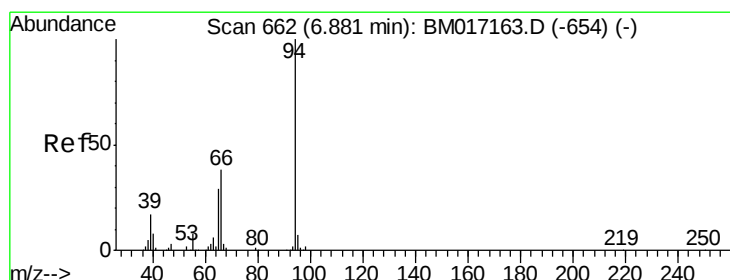
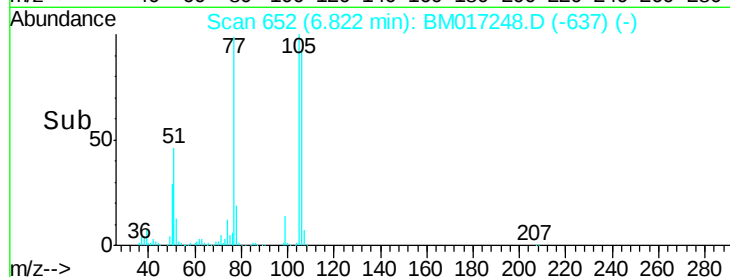
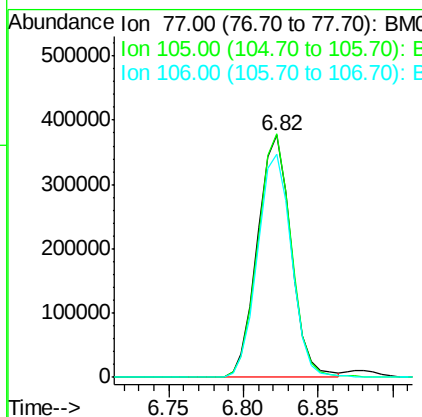
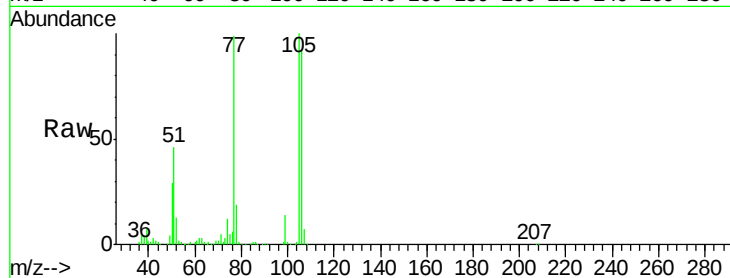
ClientSampleId :

PB113966BS

Tgt Ion:	77	Resp:	588101
Ion	Ratio	Lower	Upper
77	100		
105	100.6	83.9	123.9
106	92.5	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 44.944 ng

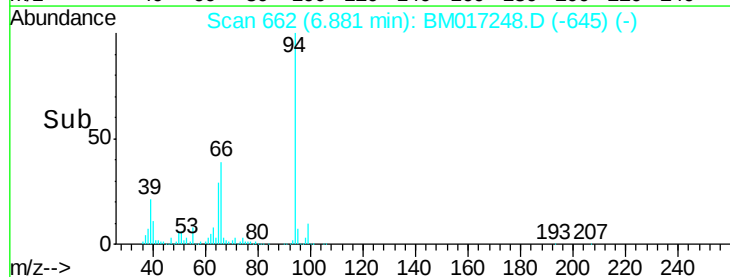
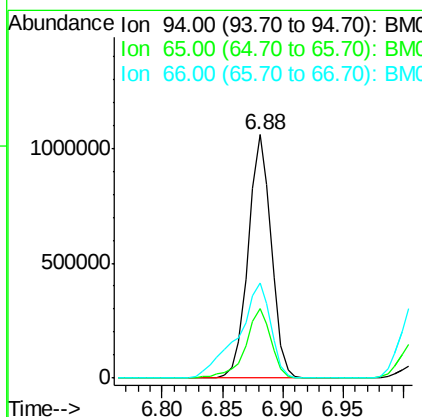
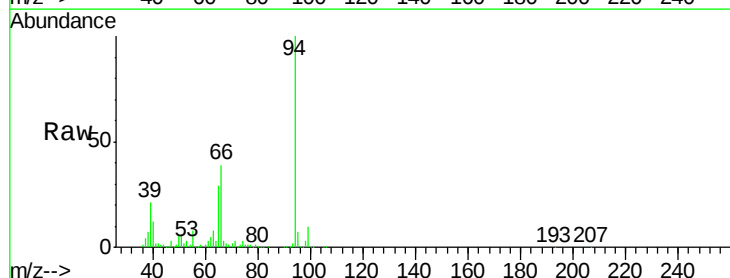
RT: 6.88 min Scan# 662

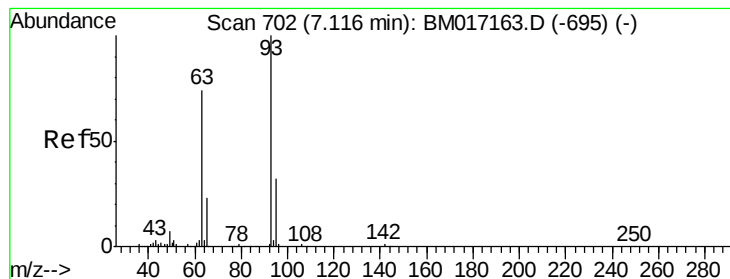
Delta R.T. 0.00 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Tgt Ion:	94	Resp:	1416660
Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.4	49.4
66	39.1	19.0	59.0





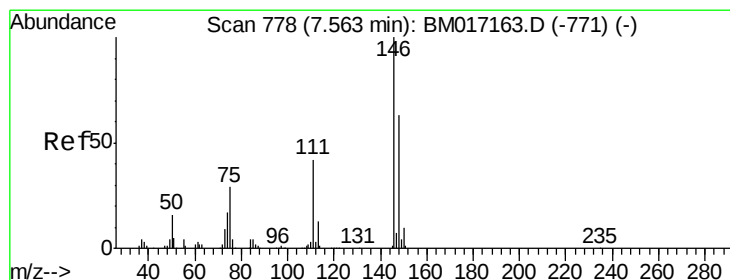
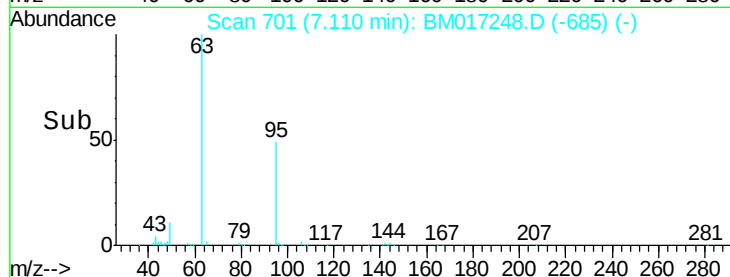
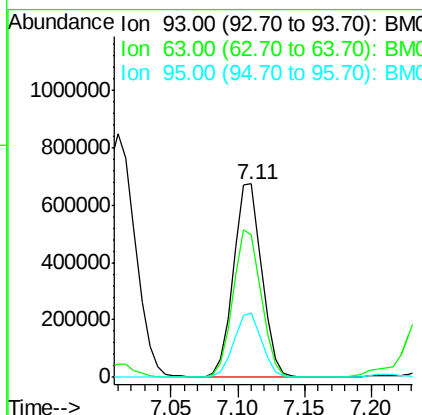
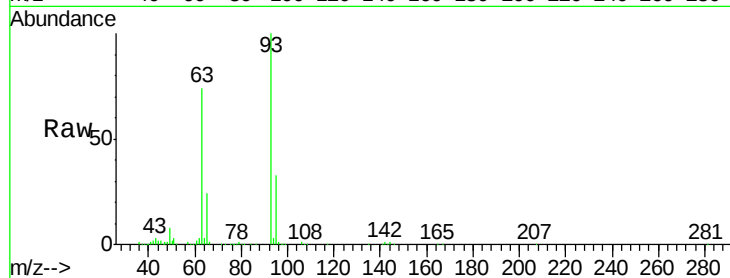
#11
bis(2-Chloroethyl)ether
Concen: 39.581 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleID :
PB113966BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	994549		
63	73.7	54.0	94.0	
95	33.2	11.8	51.8	

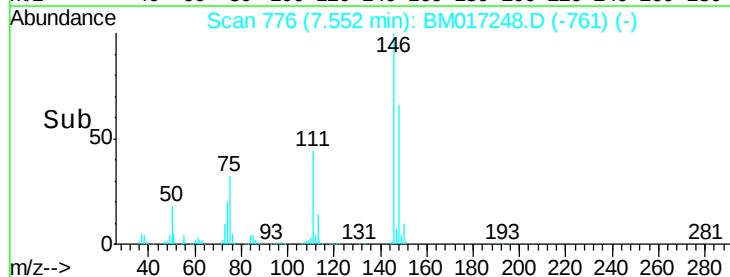
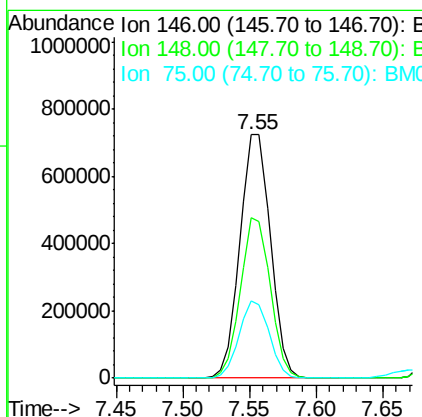
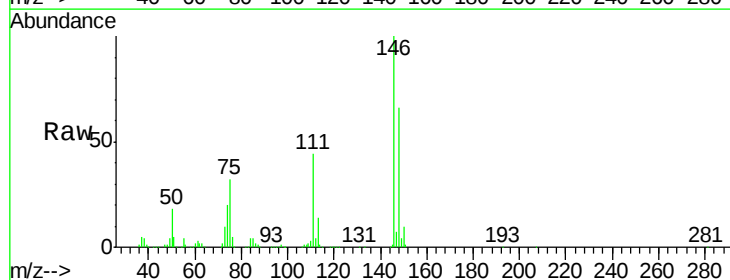
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#12
1,3-Dichlorobenzene
Concen: 39.694 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1151165		
148	66.1	50.2	75.4	
75	31.8	23.3	34.9	





#13

1,4-Dichlorobenzene

Concen: 39.765 ng

RT: 7.70 min Scan# 801

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampled :

PB113966BS

Tgt Ion:146 Resp: 1178225

Ion Ratio Lower Upper

146 100

148 64.3 49.8 74.6

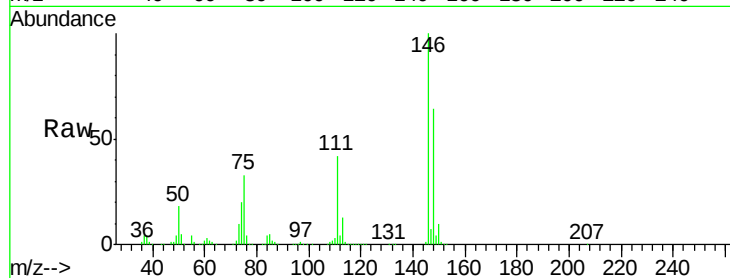
111 41.7 32.1 48.1

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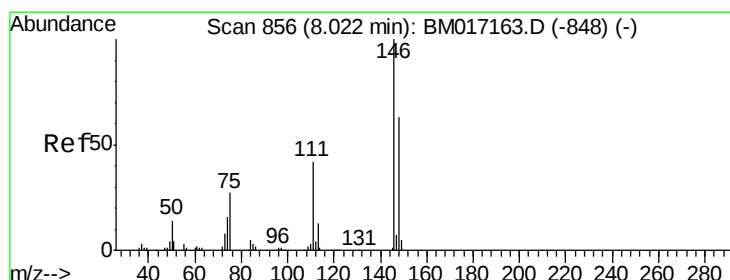
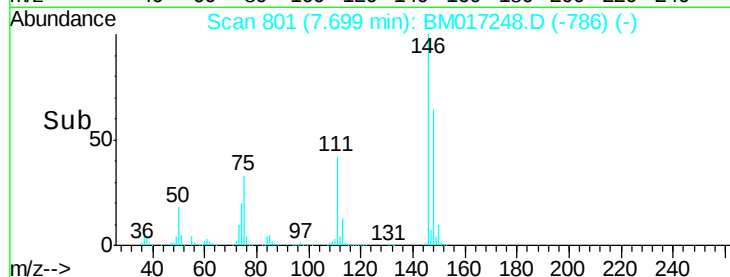
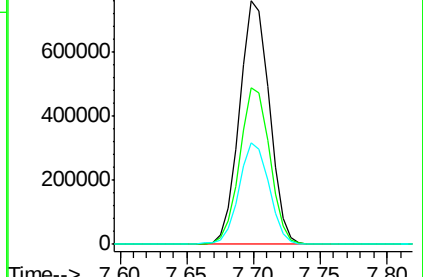
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.678 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

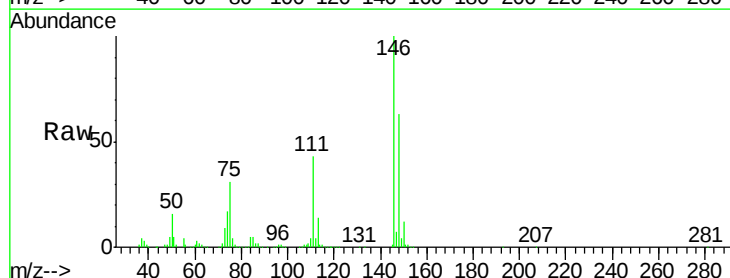
Tgt Ion:146 Resp: 1132696

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

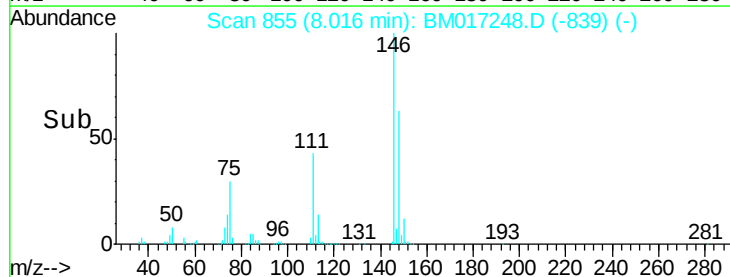
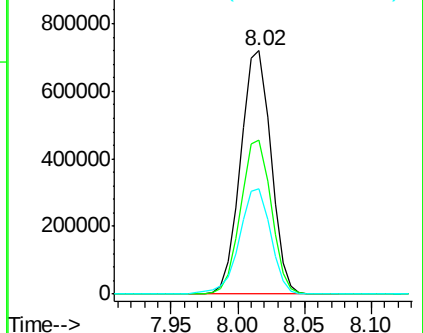
111 43.2 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.689 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

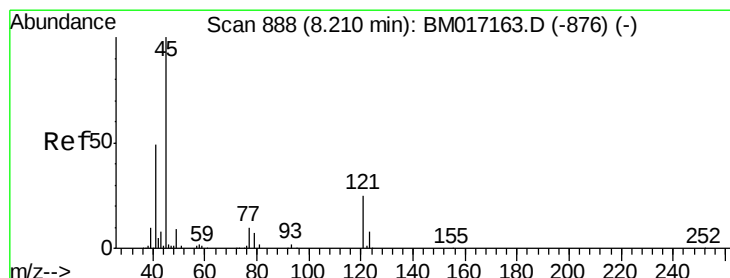
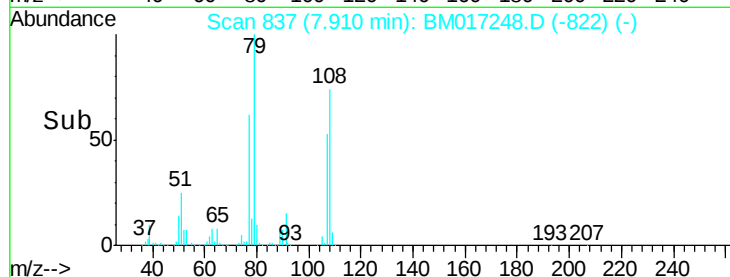
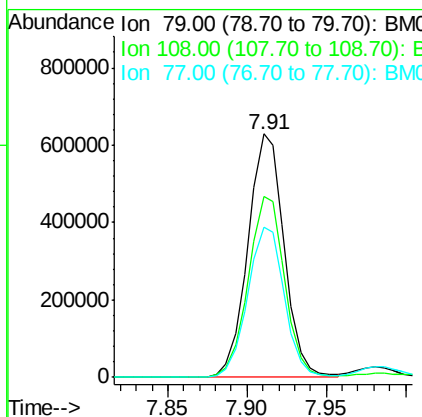
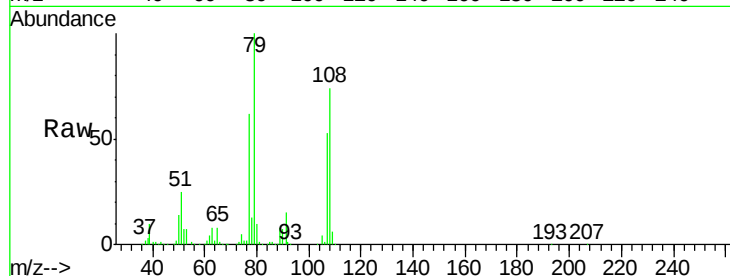
ClientSampleId :

PB113966BS

Tgt Ion:	79	Resp:	999503
Ion Ratio	Lower	Upper	
79	100		
108	74.5	60.3	90.5
77	61.6	54.8	82.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.613 ng

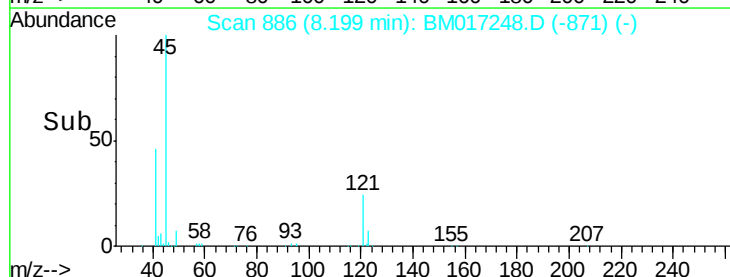
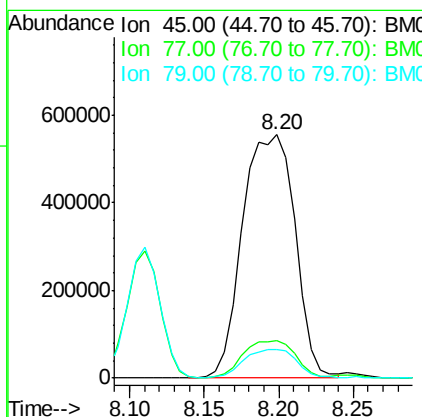
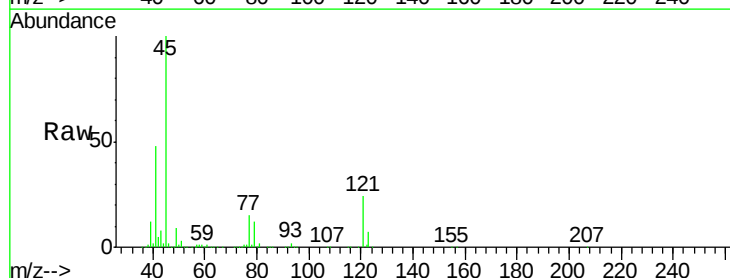
RT: 8.20 min Scan# 886

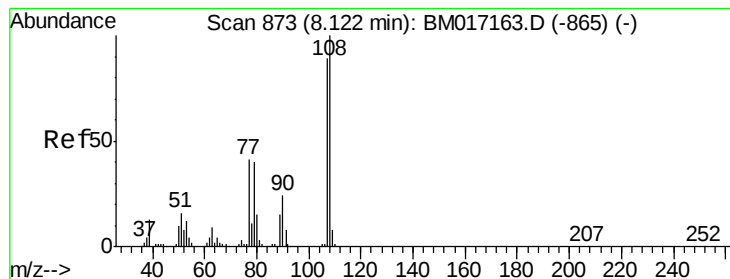
Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Tgt Ion:	45	Resp:	1355485
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	35.5
79	11.8	0.0	32.1





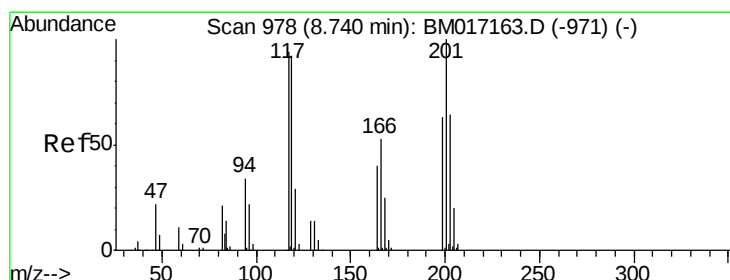
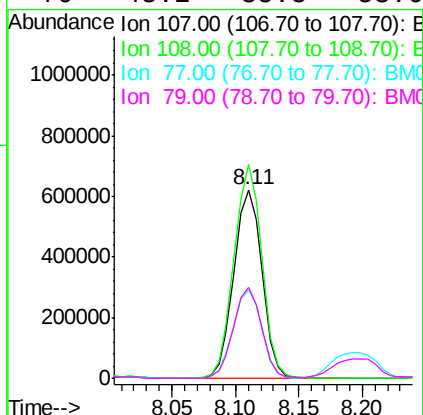
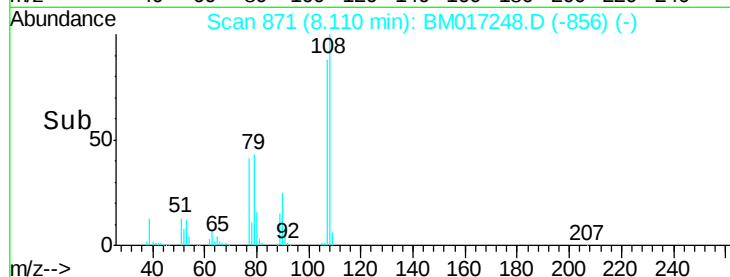
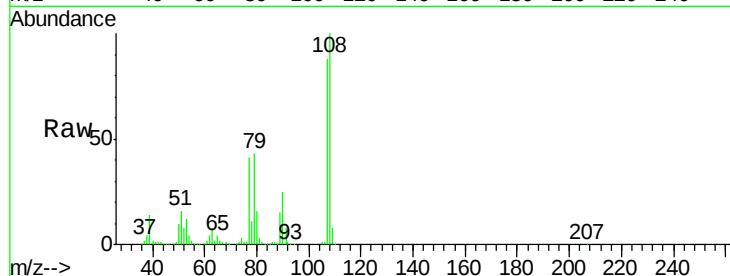
#17
2-Methylphenol
Concen: 47.166 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	954257		
108	113.3	90.3	135.5	
77	46.5	37.0	55.4	
79	48.2	35.8	53.6	

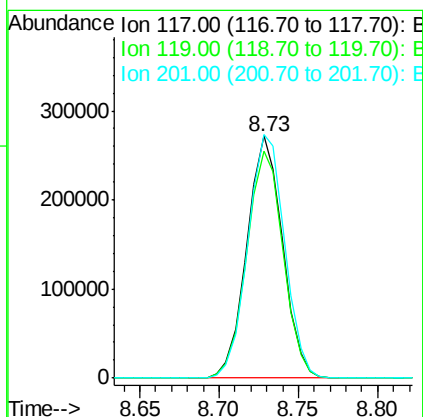
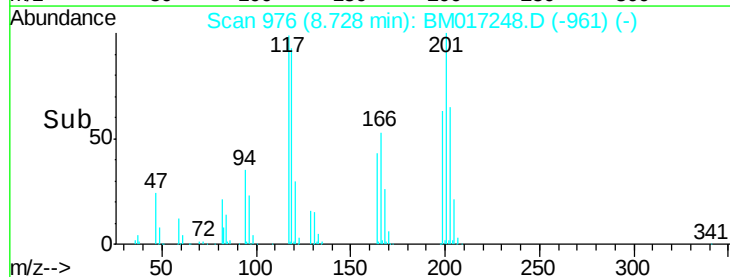
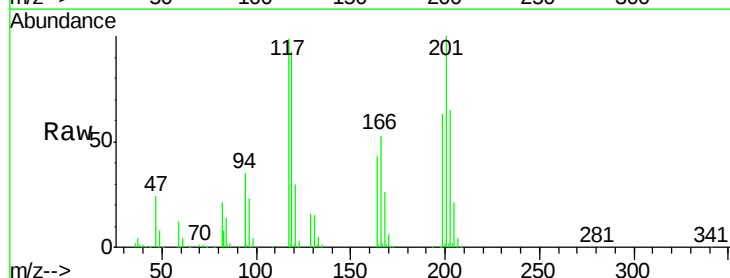
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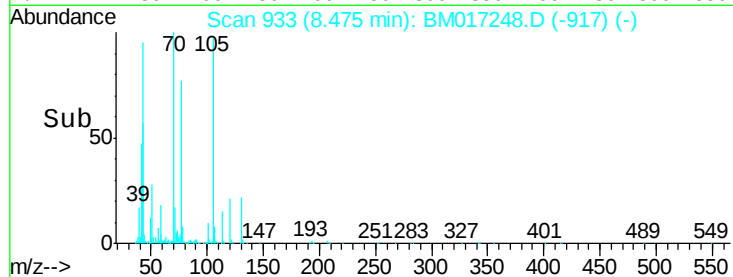
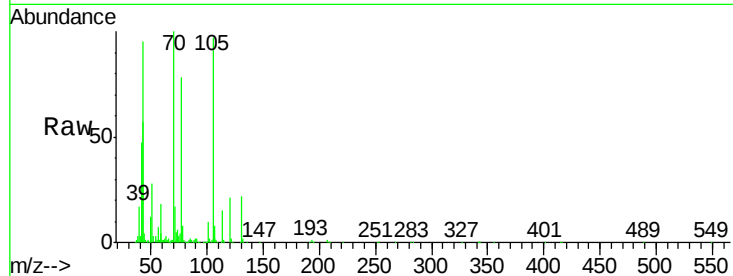
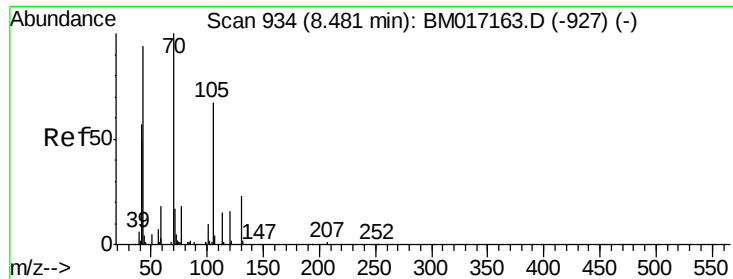
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#18
Hexachloroethane
Concen: 41.904 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	424903		
119	93.7	78.2	117.2	
201	100.6	85.3	127.9	





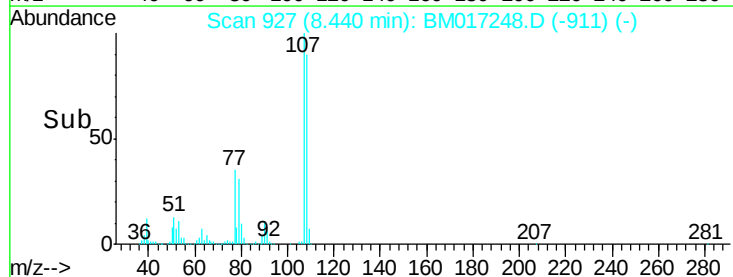
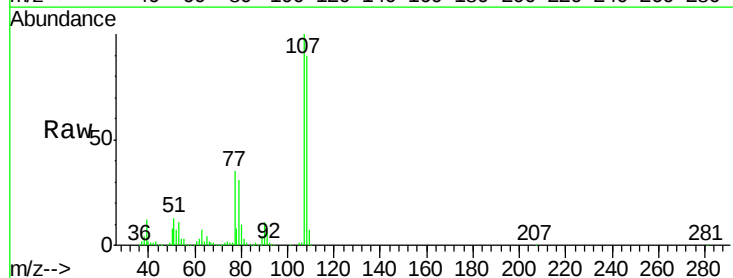
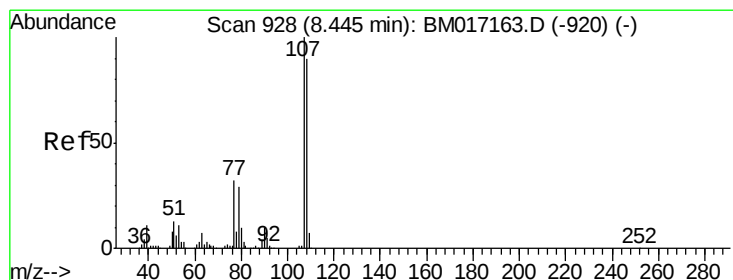
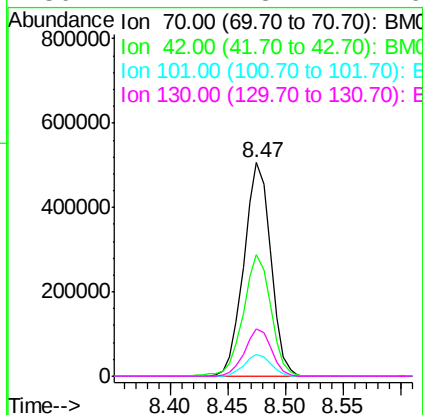
#19
n-Nitroso-di-n-propylamine
Concen: 42.542 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

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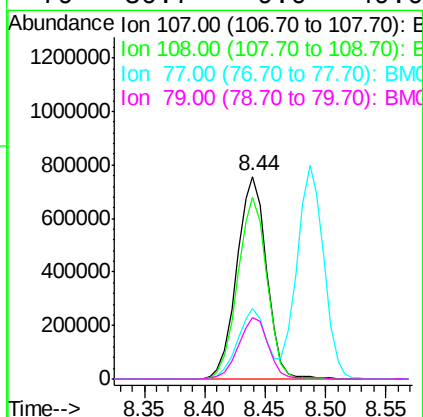
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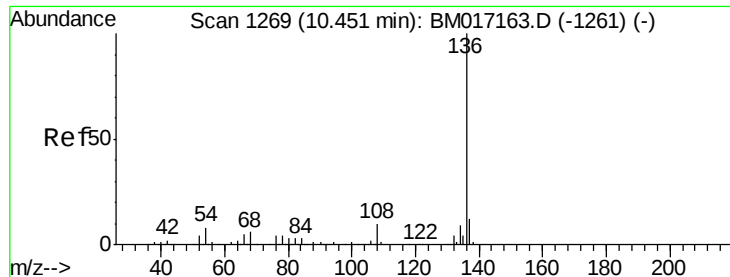
Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.7	46.1	69.1
101	9.9	8.2	12.4
130	22.4	18.4	27.6



#20
3+4-Methylphenols
Concen: 46.896 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.9	109.9
77	34.6	12.2	52.2
79	30.7	9.0	49.0





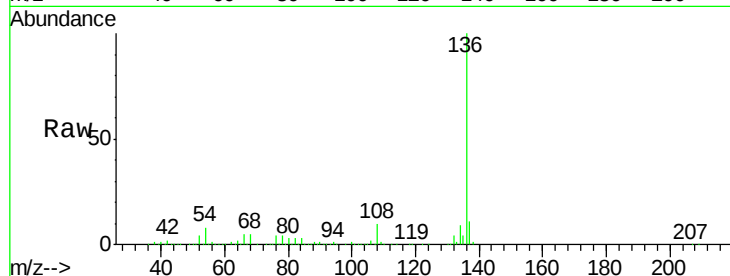
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

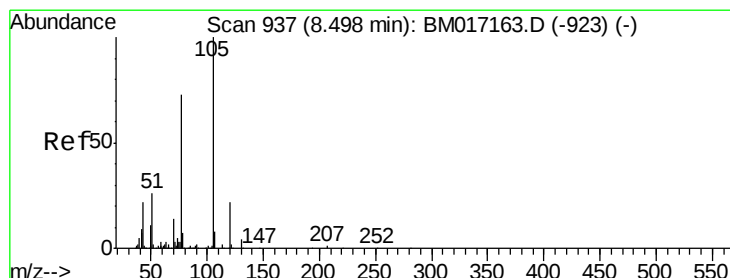
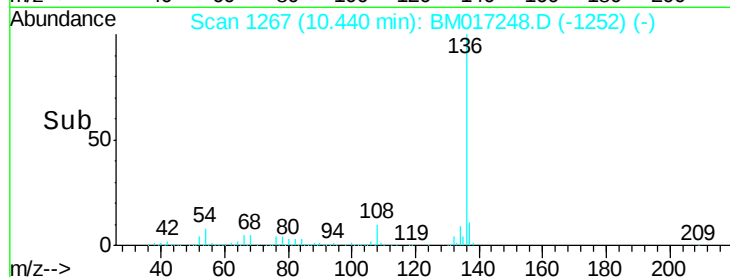
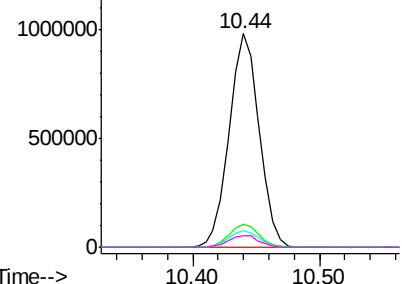
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.0	6.7	10.1
68	5.3	4.7	7.1

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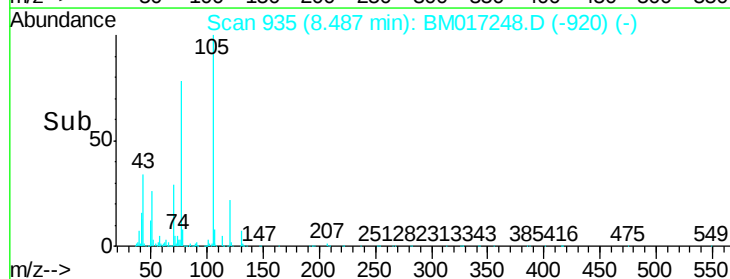
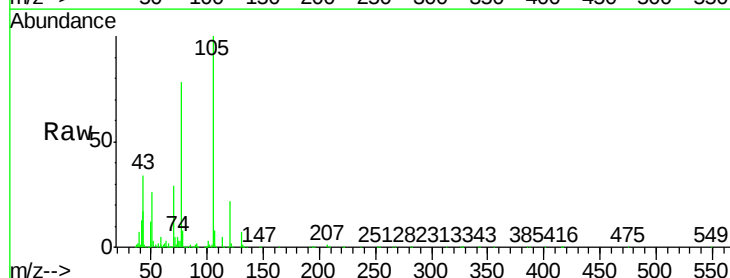
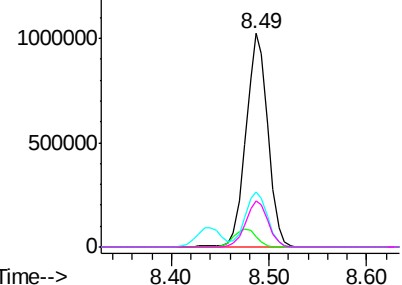
Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

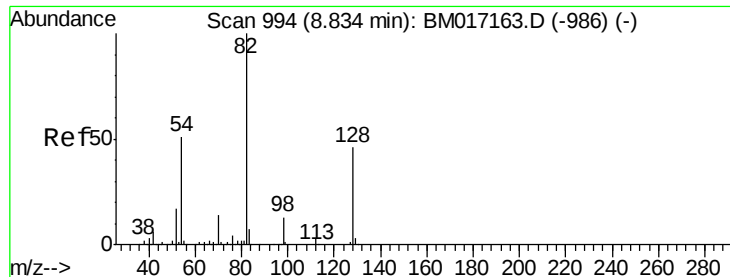


#22
Acetophenone
Concen: 39.693 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.6	2.0	3.0#
51	25.7	20.6	31.0
120	21.6	17.5	26.3

Abundance Ion 105.00 (104.70 to 105.70): E
1500000
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





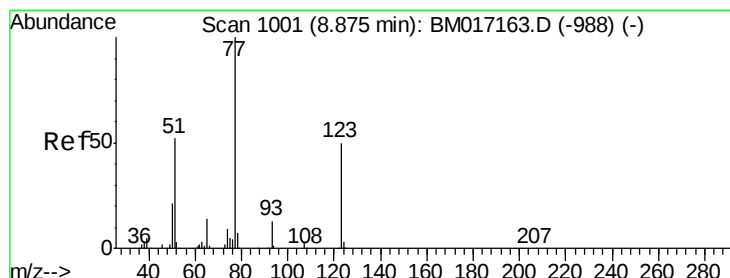
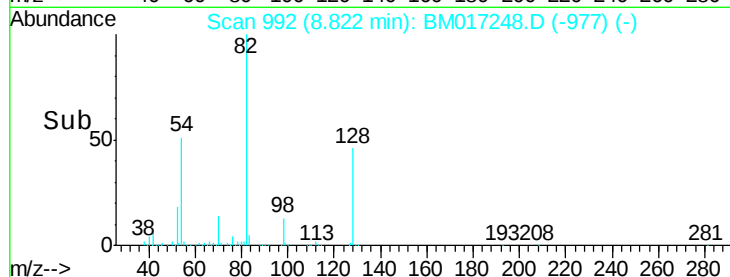
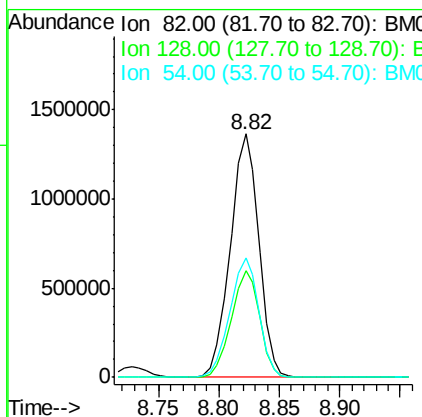
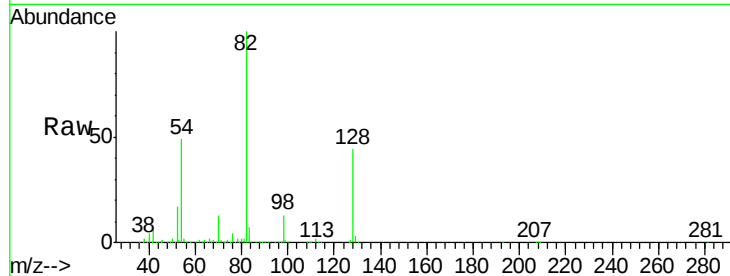
#23
 Nitrobenzene-d5
 Concen: 81.663 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

Tgt Ion: 82 Resp: 2249499
 Ion Ratio Lower Upper
 82 100
 128 43.8 37.0 55.6
 54 49.1 40.7 61.1

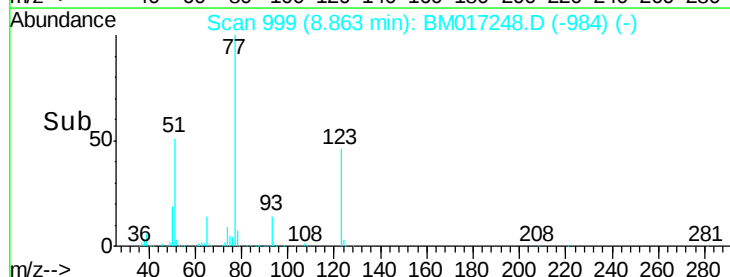
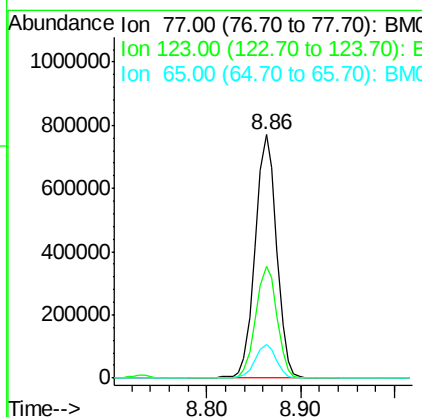
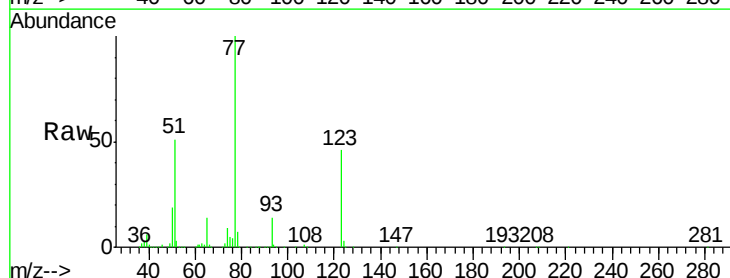
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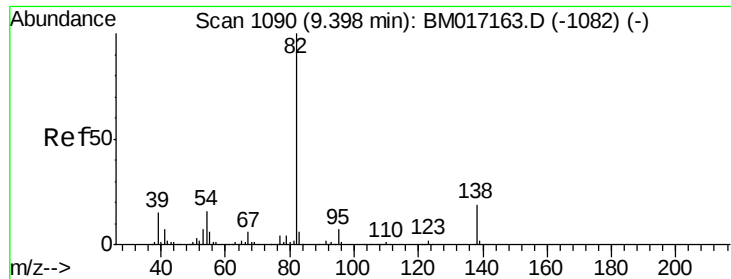
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#24
 Nitrobenzene
 Concen: 41.620 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion: 77 Resp: 1212697
 Ion Ratio Lower Upper
 77 100
 123 46.0 40.2 60.4
 65 13.8 11.4 17.0





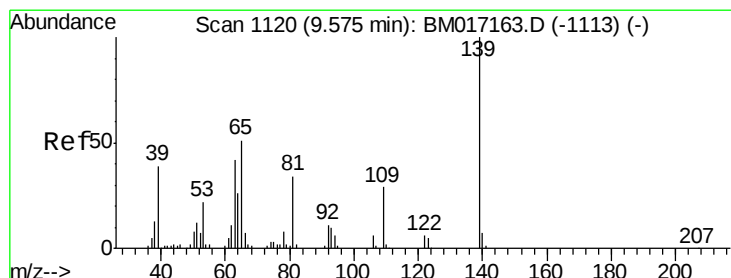
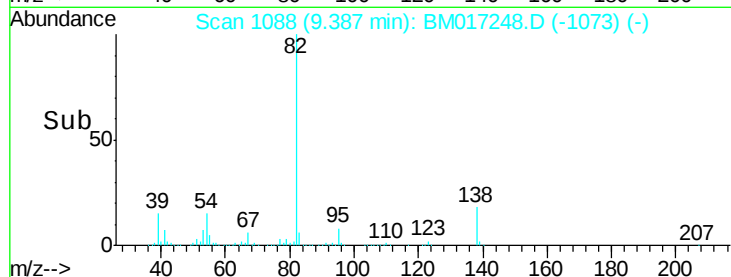
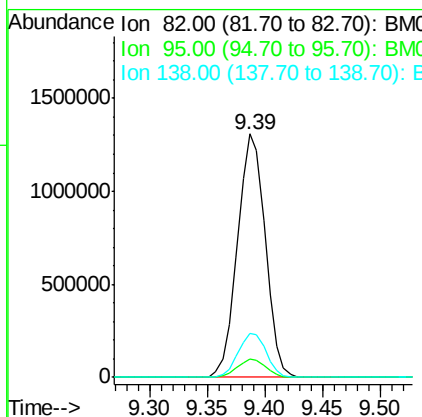
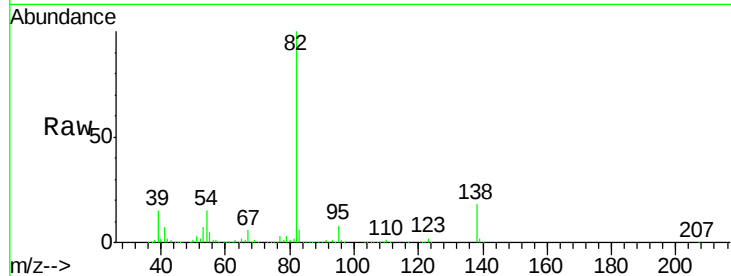
#25
Isophorone
Concen: 48.011 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion: 82 Resp: 2183865
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 17.9 15.4 23.2

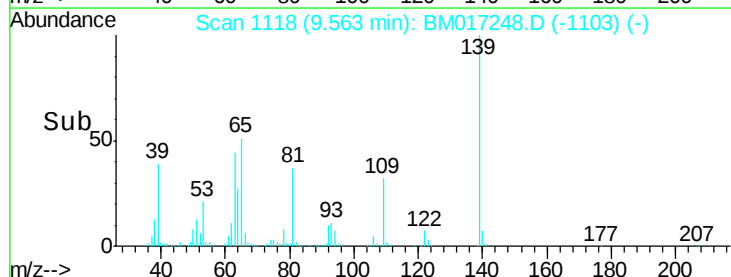
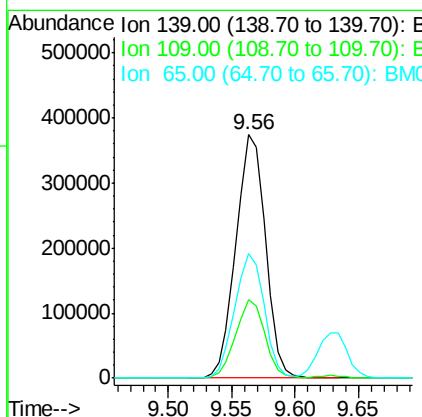
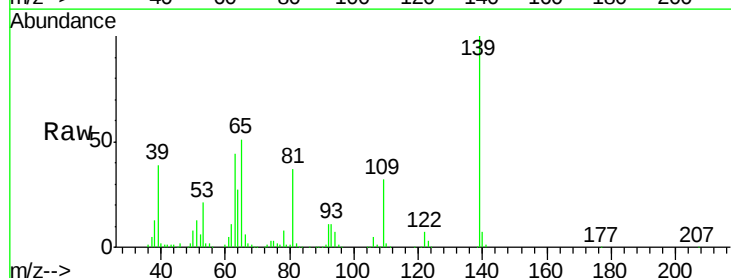
Manual Integrations
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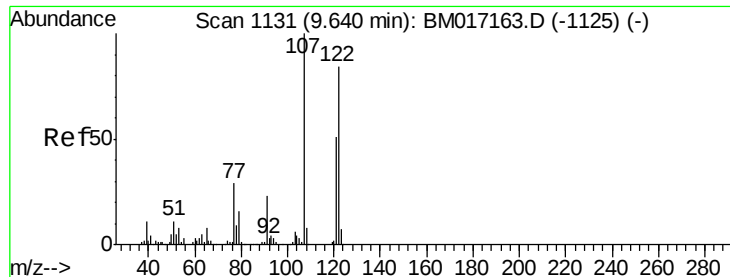
Sohil
10/22/2018 1:09:31 PM



#26
2-Nitrophenol
Concen: 44.906 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion: 139 Resp: 606684
Ion Ratio Lower Upper
139 100
109 32.4 23.2 34.8
65 51.4 40.6 61.0





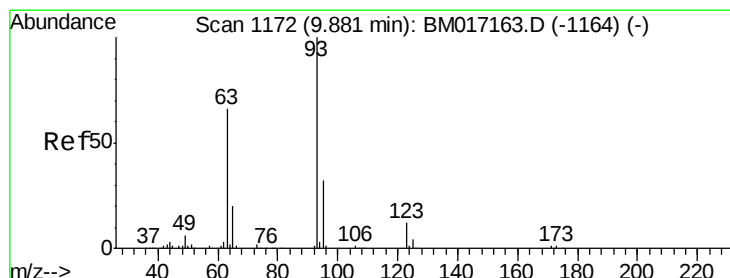
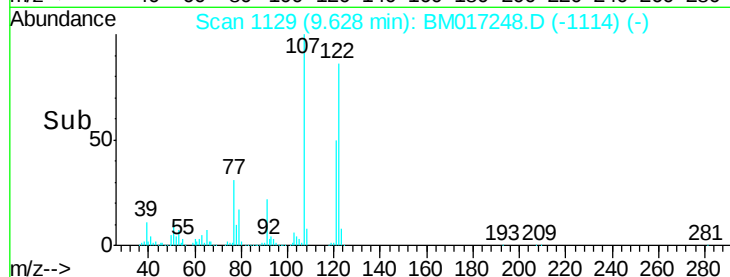
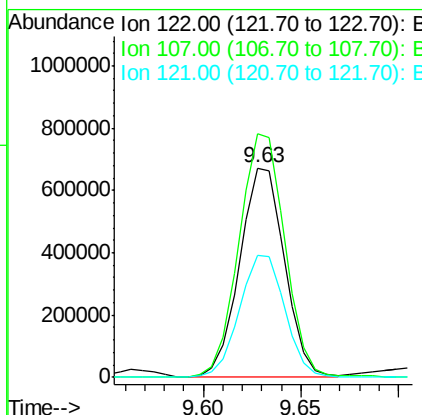
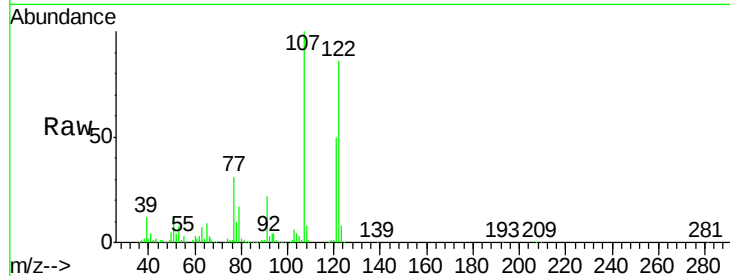
#27
2,4-Dimethylphenol
Concen: 53.202 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.2	95.0	142.6
121	58.4	48.2	72.4

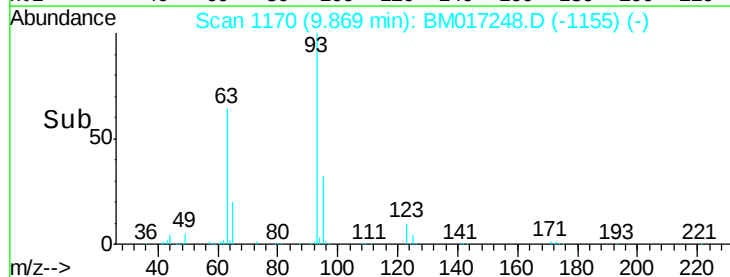
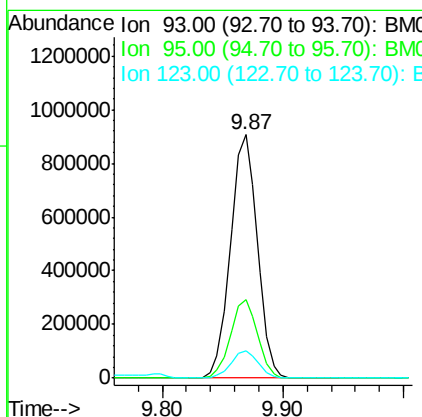
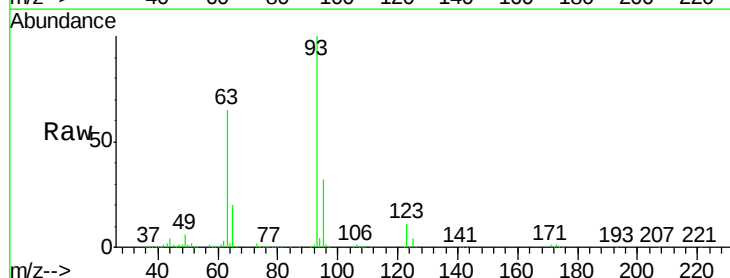
Manual Integrations
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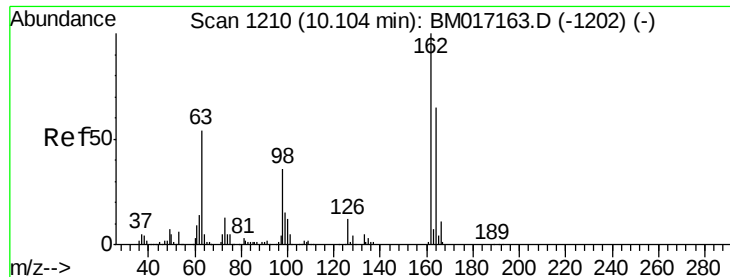
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.979 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	11.3	9.4	14.0





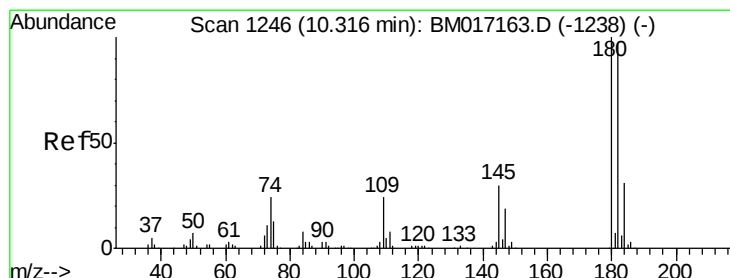
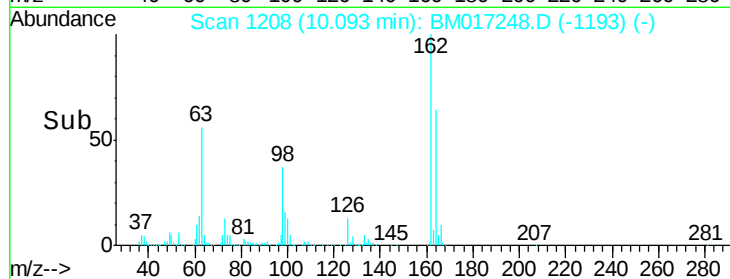
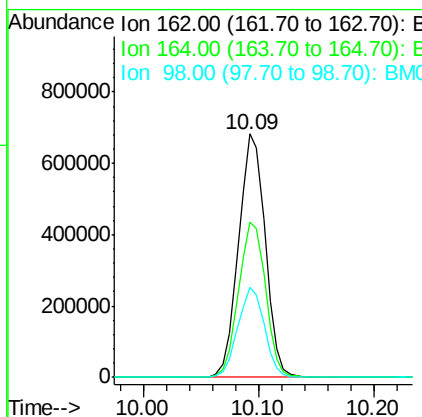
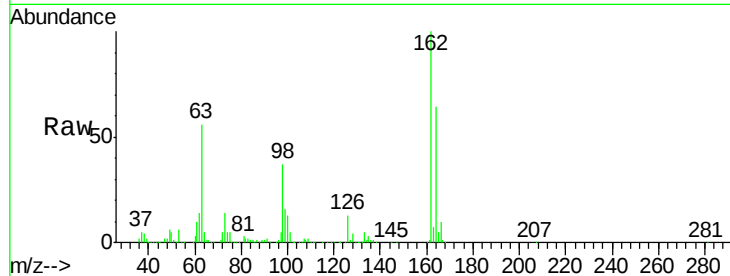
#29
2,4-Dichlorophenol
Concen: 47.024 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	36.9	15.8	55.8

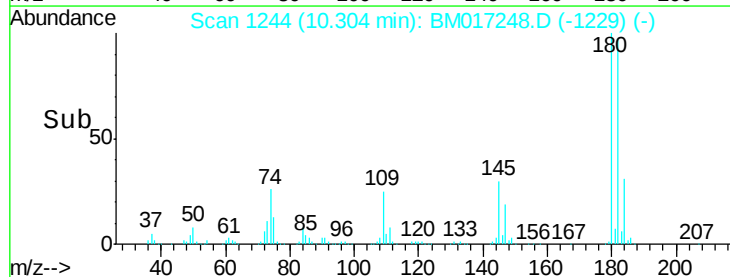
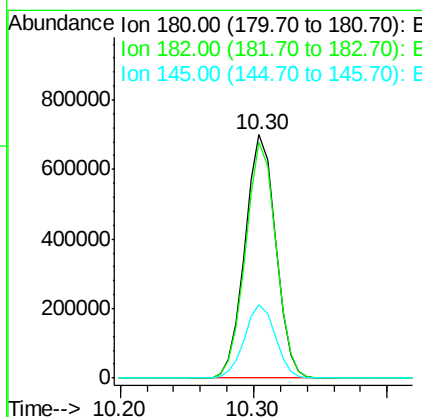
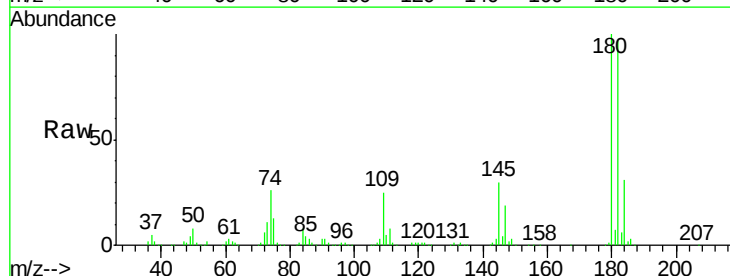
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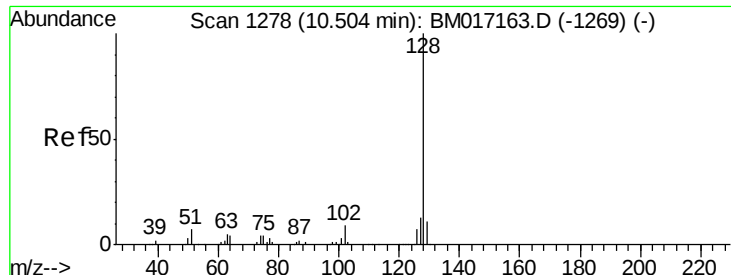
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#30
1,2,4-Trichlorobenzene
Concen: 39.642 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.5	116.3
145	30.4	24.0	36.0





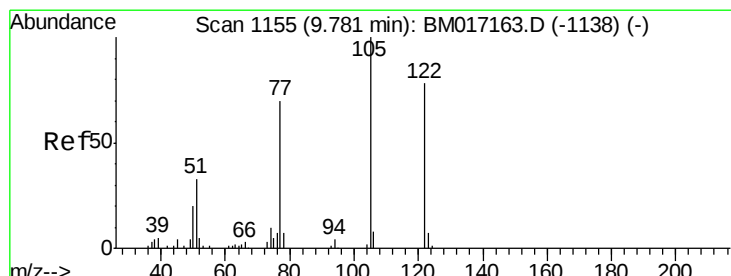
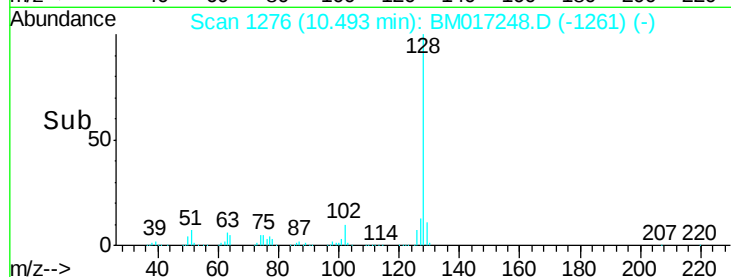
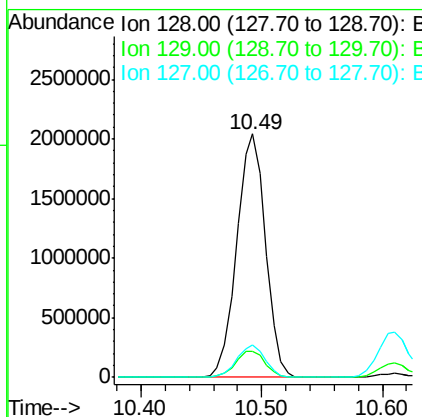
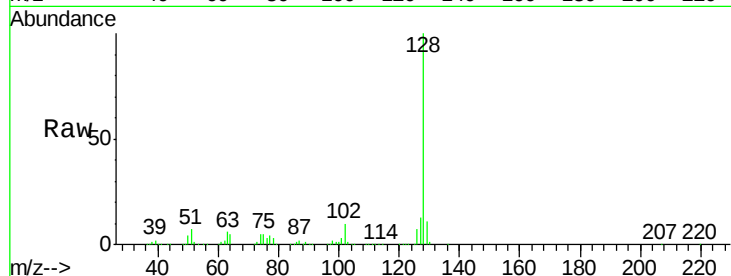
#31
Naphthalene
Concen: 42.832 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion:128 Resp: 3381613
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.2 10.3 15.5

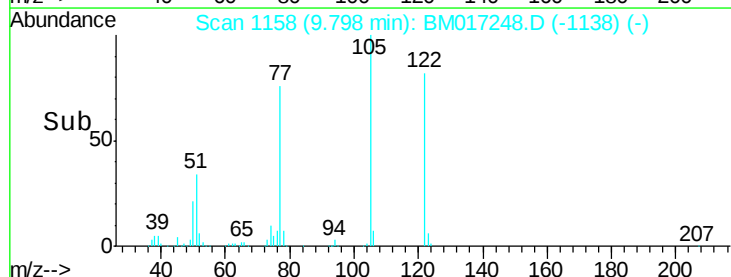
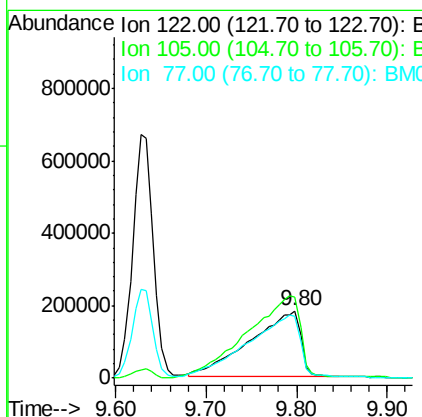
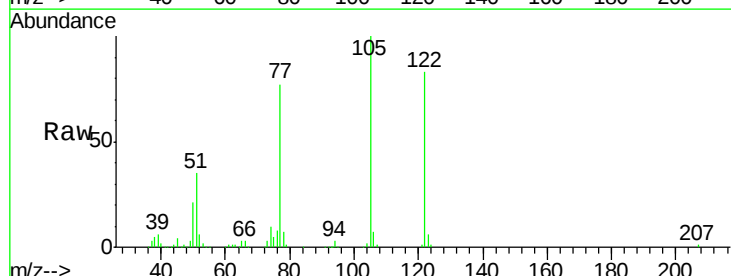
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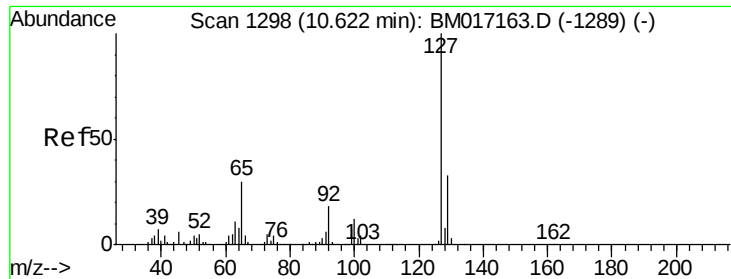
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#32
Benzoic acid
Concen: 46.863 ng
RT: 9.80 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:122 Resp: 703284
Ion Ratio Lower Upper
122 100
105 120.5 102.0 142.0
77 92.6 67.7 107.7





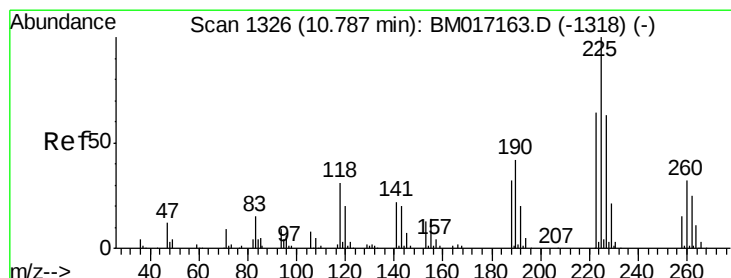
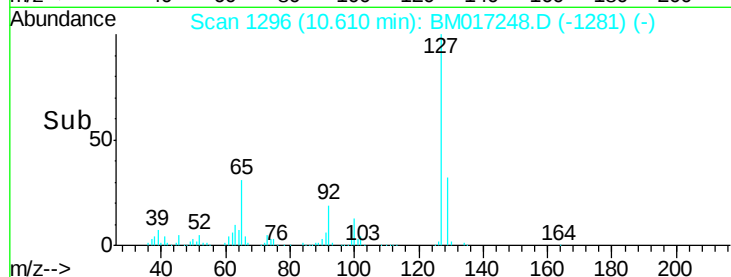
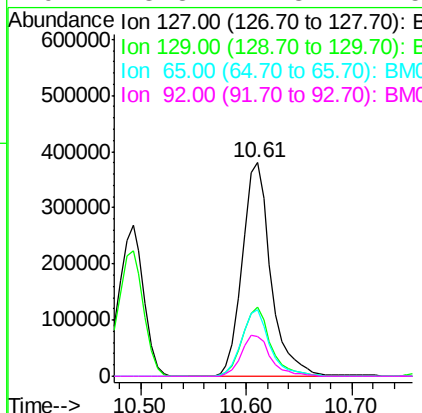
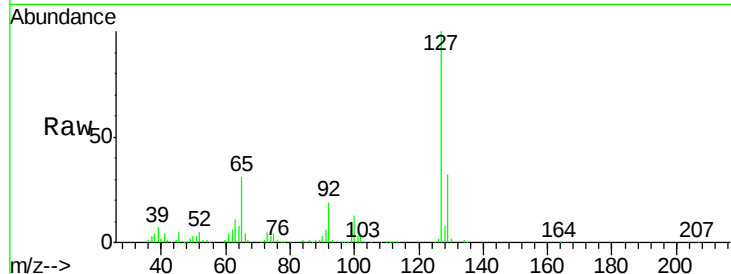
#33
4-Chloroaniline
Concen: 20.959 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	714664		
129	32.3	26.2	39.4	
65	31.0	23.7	35.5	
92	18.8	14.3	21.5	

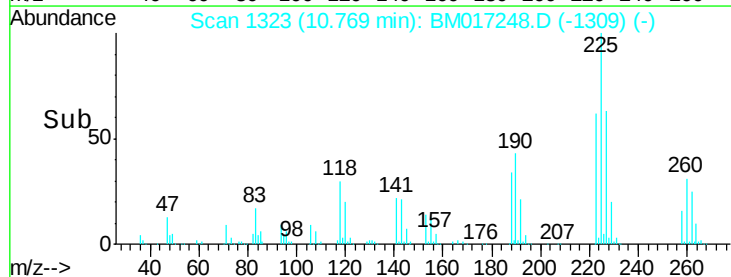
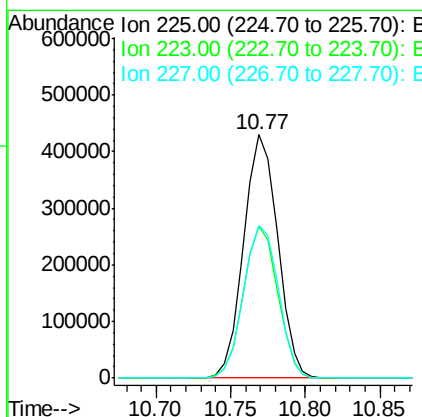
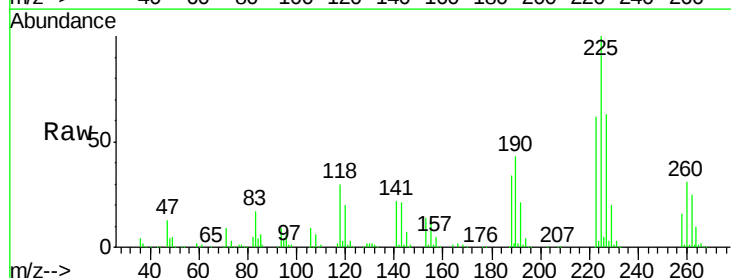
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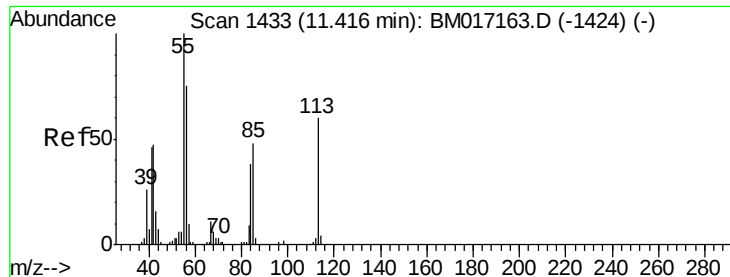
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#34
Hexachlorobutadiene
Concen: 38.304 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	679904		
223	62.0	51.0	76.6	
227	62.5	50.8	76.2	





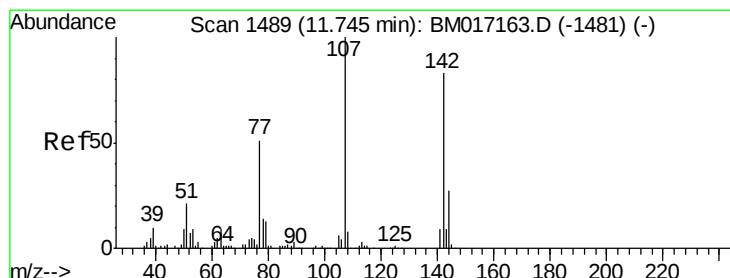
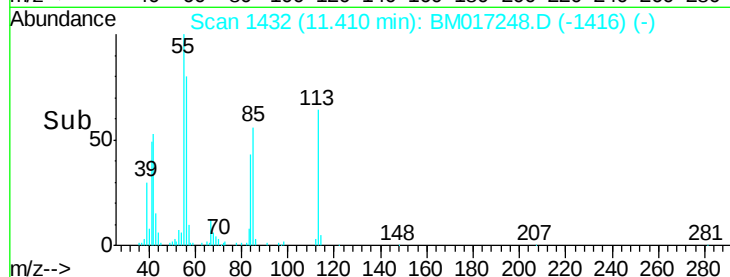
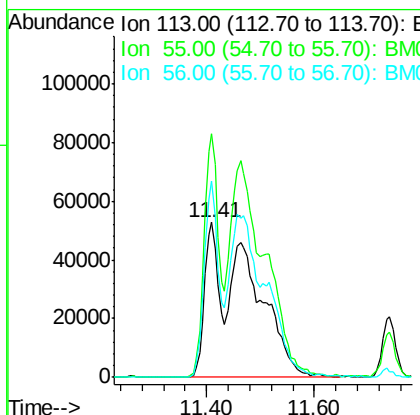
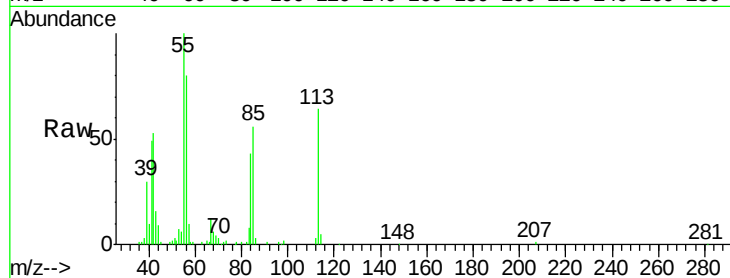
#35
 Caprolactam
 Concen: 35.711 ng m
 RT: 11.41 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

Tgt Ion:113 Resp: 303922
 Ion Ratio Lower Upper
 113 100
 55 156.8 147.0 187.0
 56 126.1 104.5 144.5

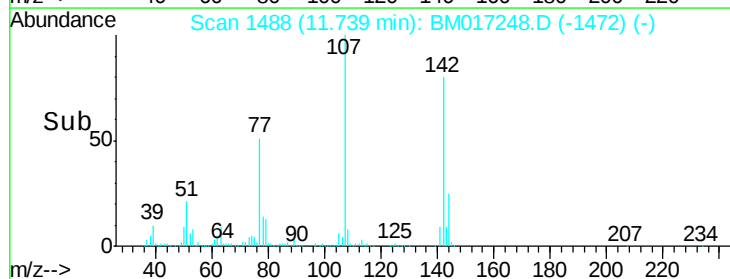
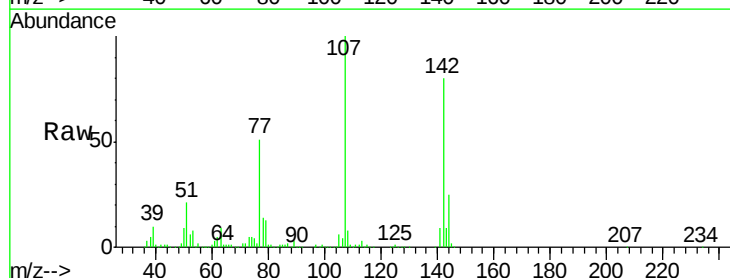
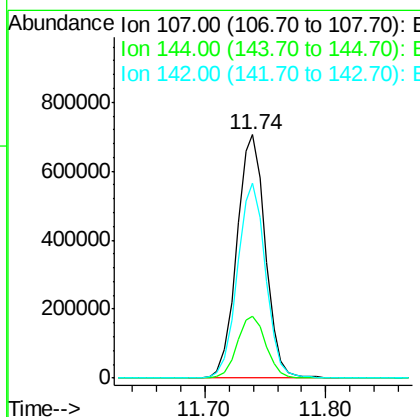
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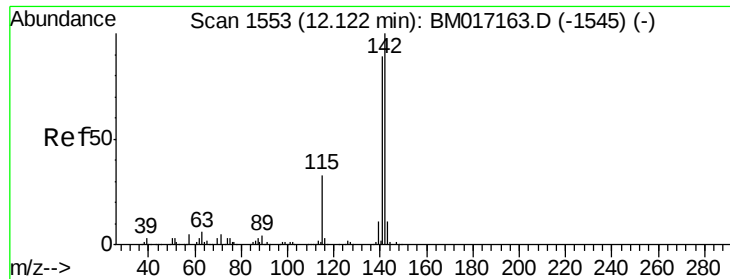
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 44.090 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion:107 Resp: 1160599
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.6 32.4
 142 80.1 66.0 99.0





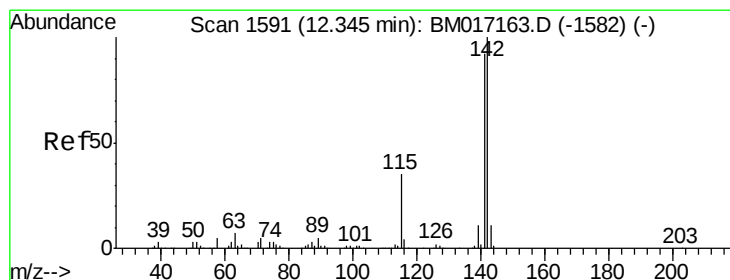
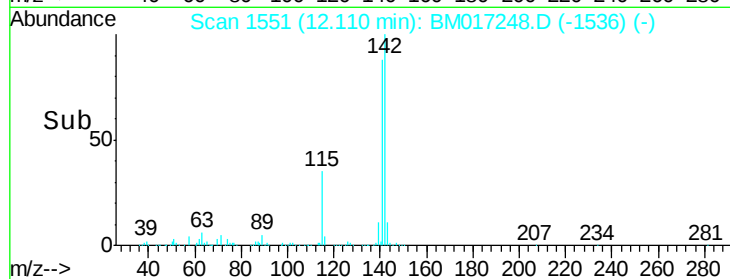
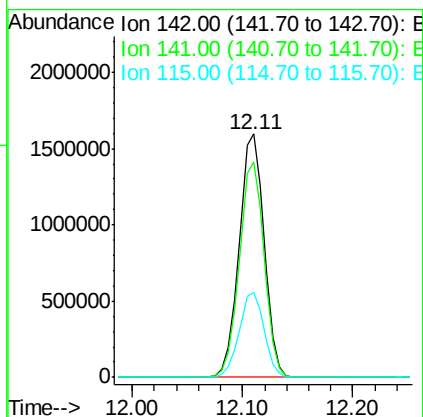
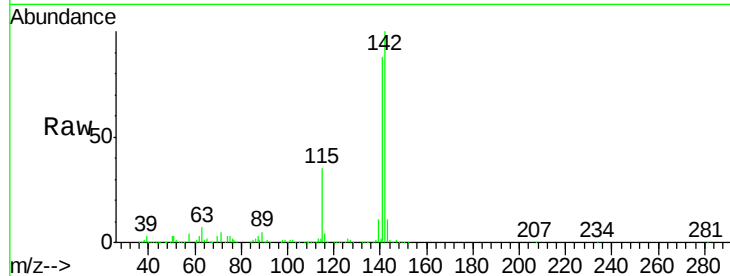
#37
2-Methylnaphthalene
Concen: 47.041 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion:142 Resp: 2541476
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3
115 34.9 26.4 39.6

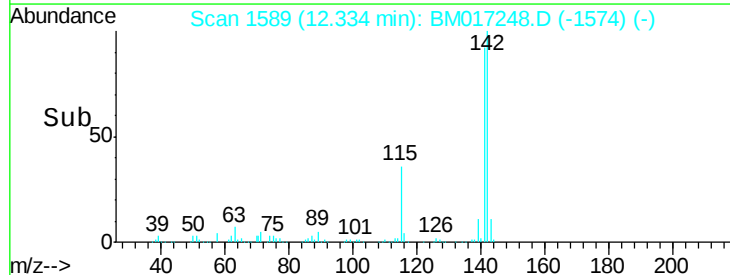
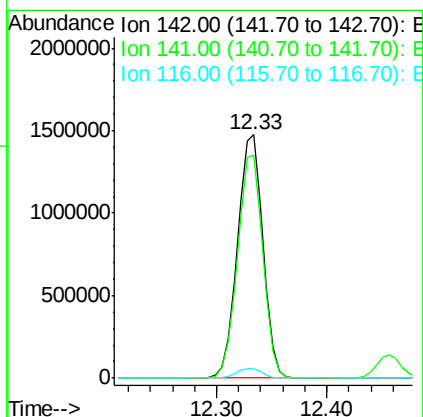
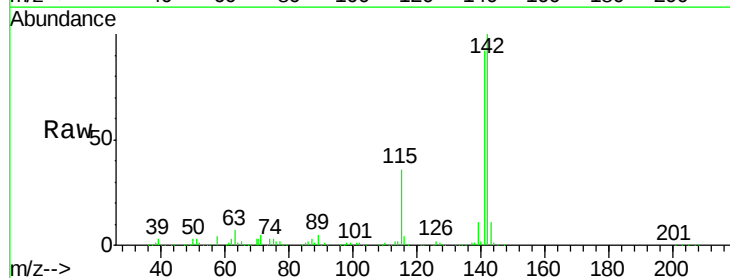
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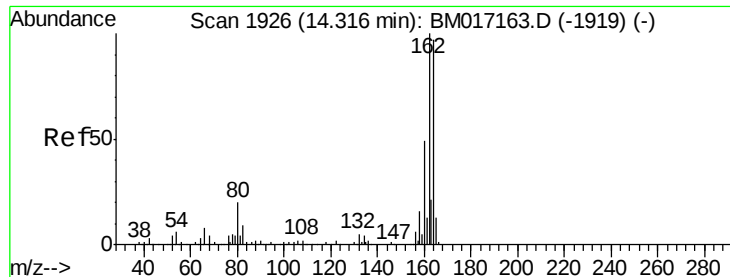
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#38
1-Methylnaphthalene
Concen: 45.316 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:142 Resp: 2382839
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6
116 3.7 2.9 4.3





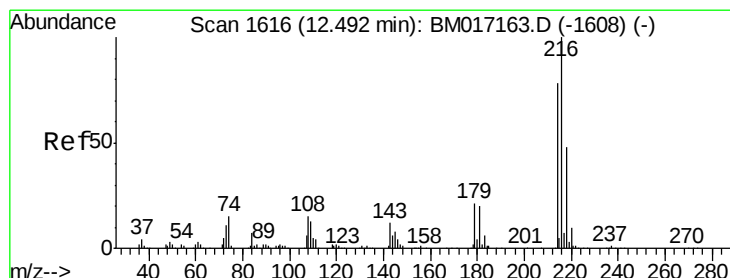
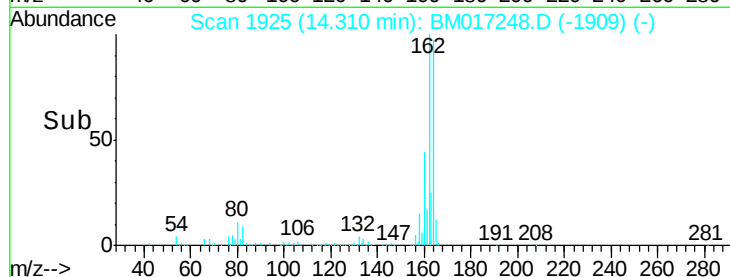
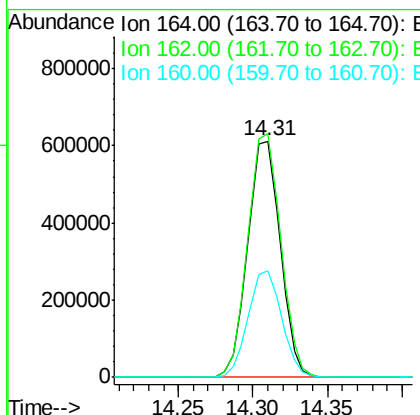
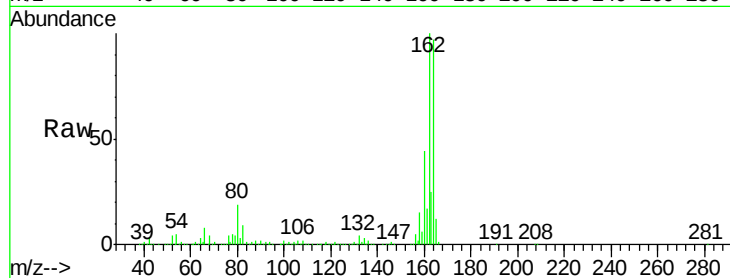
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	921379		
162	103.1	82.1	123.1	
160	44.9	40.2	60.2	

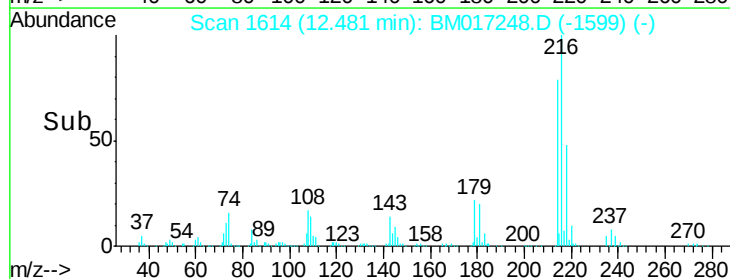
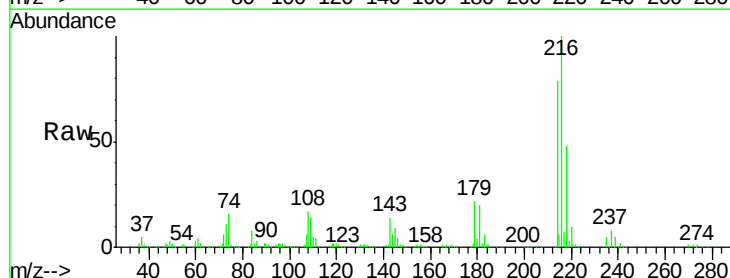
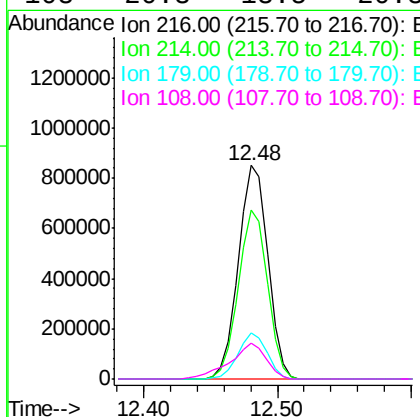
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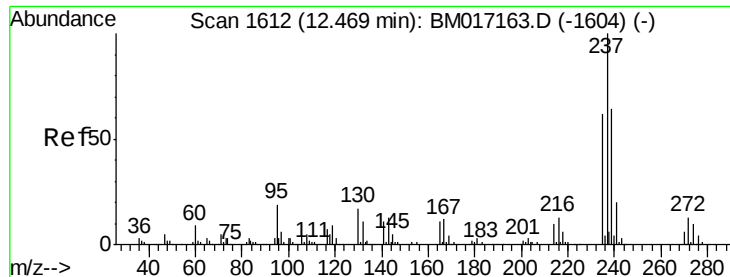
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.090 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	1300843		
214	78.3	62.6	93.8	
179	21.1	16.6	24.8	
108	20.3	13.5	20.3#	





#41

Hexachlorocyclopentadiene

Concen: 122.181 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

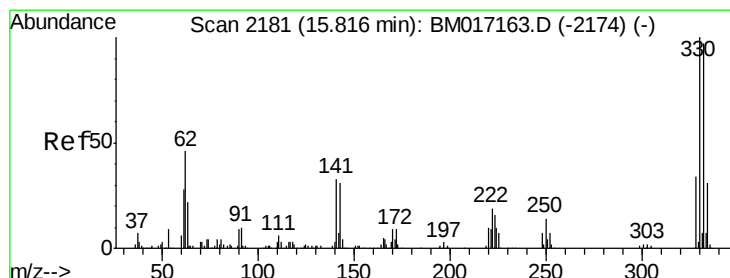
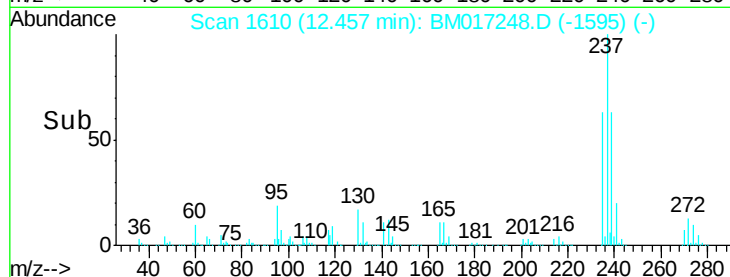
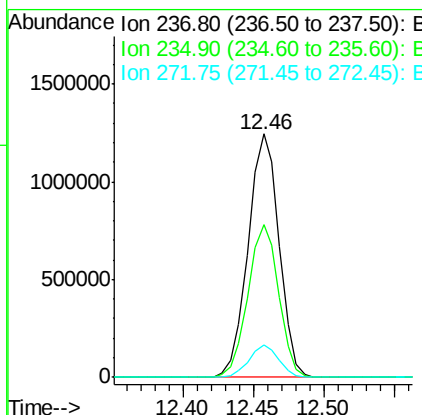
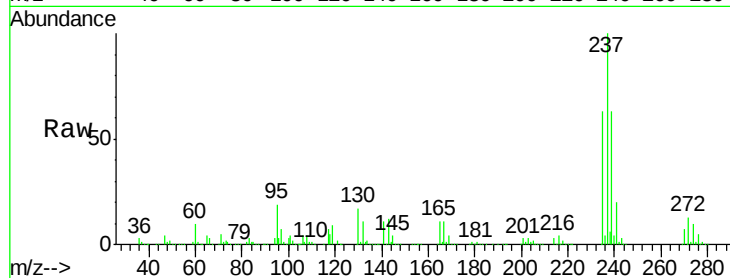
ClientSampleId :

PB113966BS

Tgt Ion:	237	Resp:	1916574
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.4	82.4
272	13.2	0.0	33.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 140.920 ng

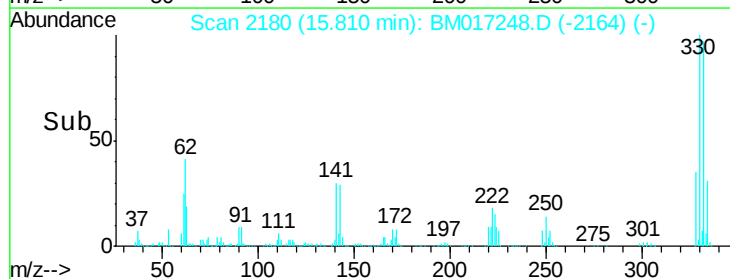
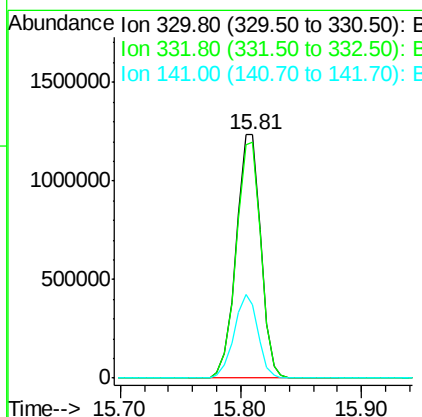
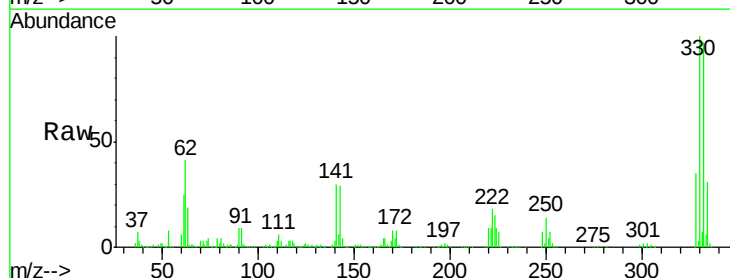
RT: 15.81 min Scan# 2180

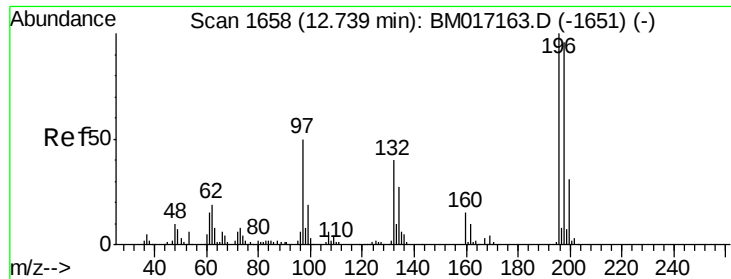
Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Tgt Ion:	330	Resp:	1755900
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.3	115.9
141	33.2	27.4	41.0





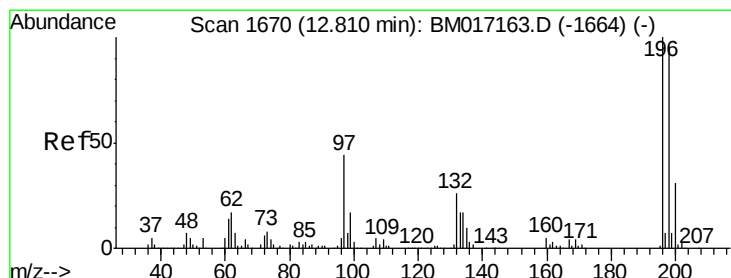
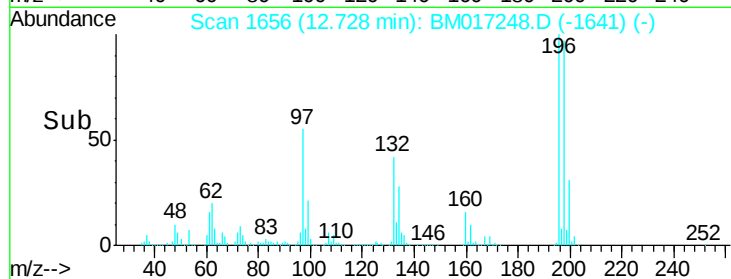
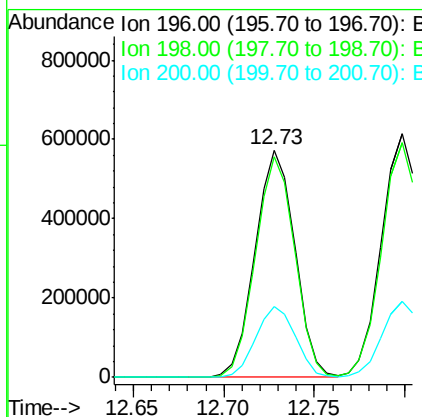
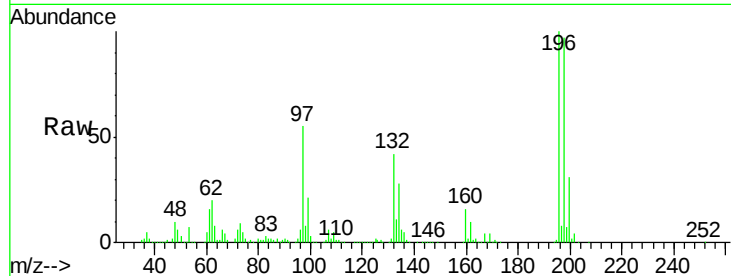
#43
 2,4,6-Trichlorophenol
 Concen: 46.402 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	874027		
198	97.1	77.1	115.7	
200	31.0	25.0	37.4	

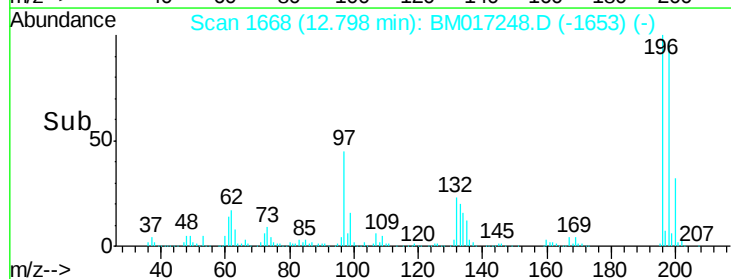
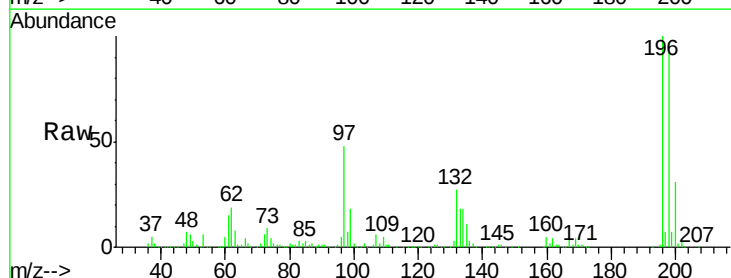
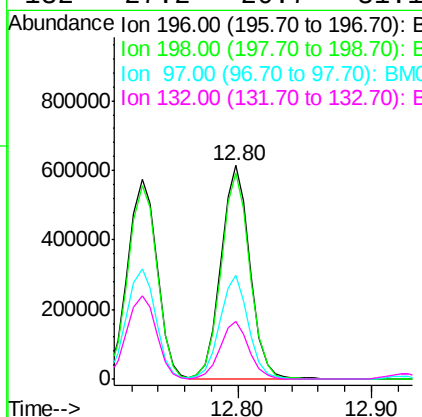
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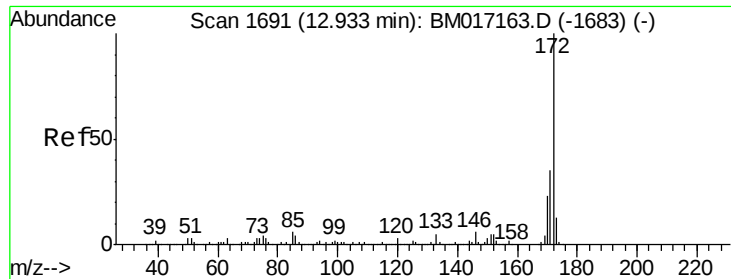
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#44
 2,4,5-Trichlorophenol
 Concen: 46.091 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	930972		
198	96.6	76.6	115.0	
97	48.4	35.5	53.3	
132	27.2	20.7	31.1	





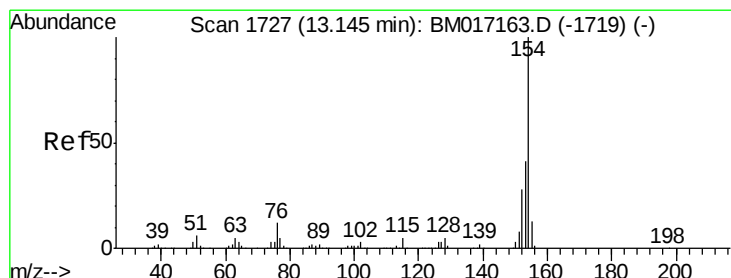
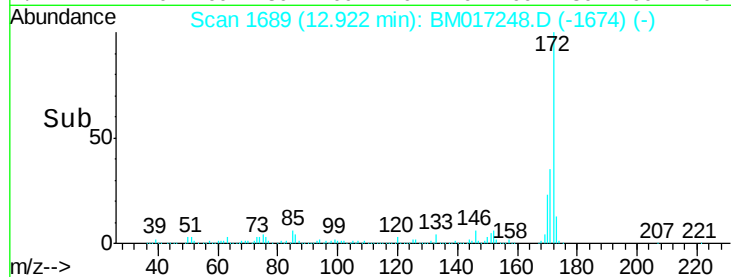
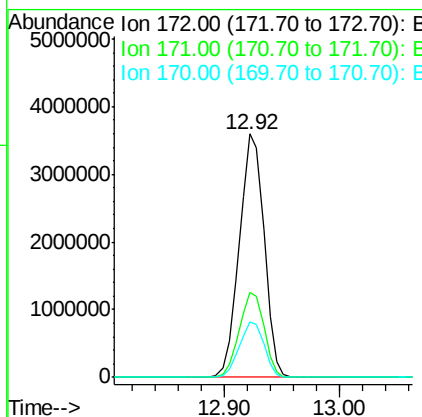
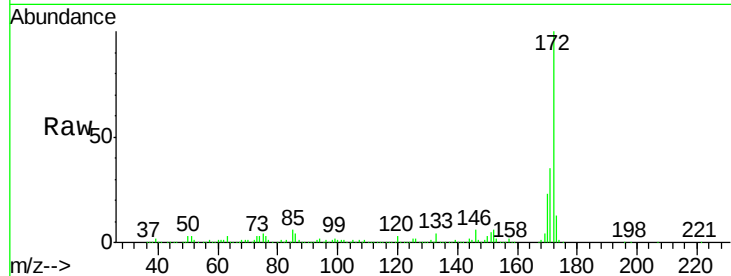
#45
2-Fluorobiphenyl
Concen: 77.295 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion:172 Resp: 5352576
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.8 18.3 27.5

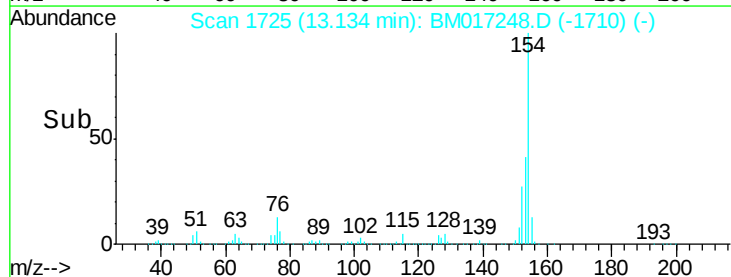
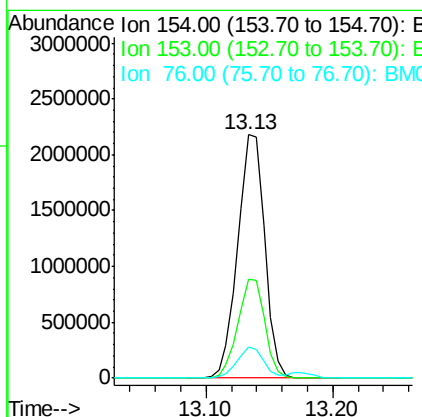
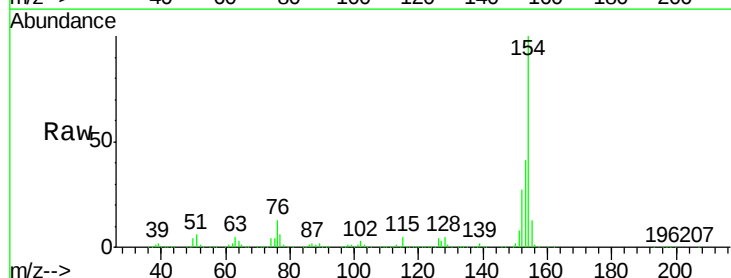
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#46
1,1'-Biphenyl
Concen: 38.698 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:154 Resp: 3208651
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 12.5 0.0 31.8





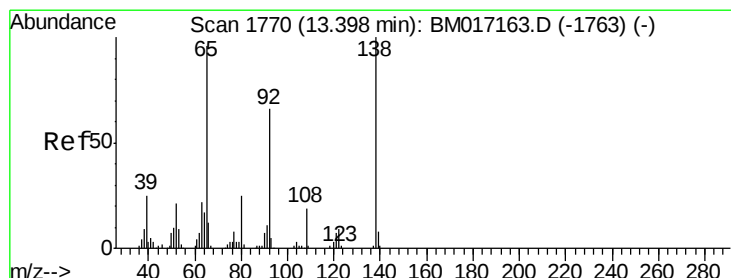
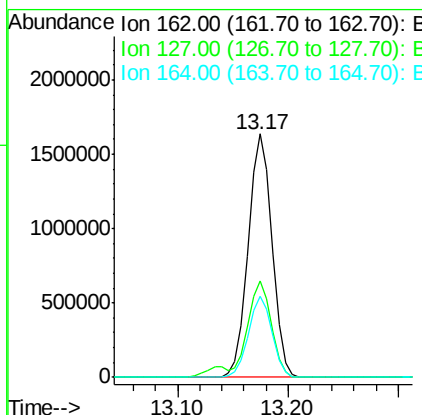
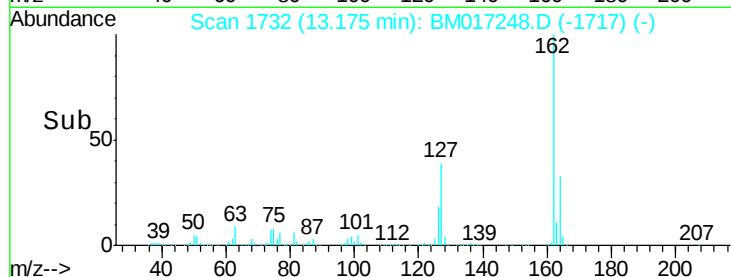
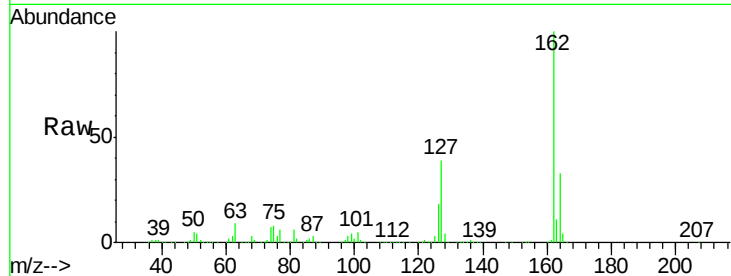
#47
2-Chloronaphthalene
Concen: 40.661 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.0	46.4
164	33.1	26.6	39.8

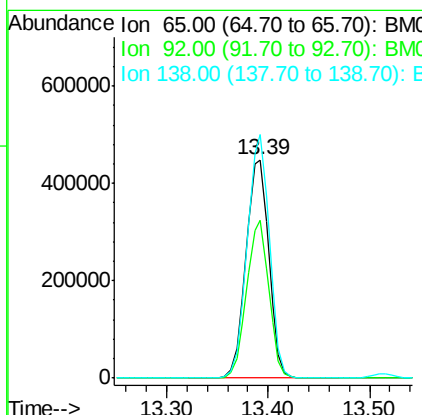
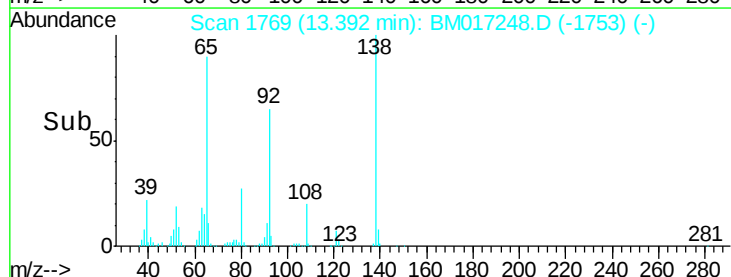
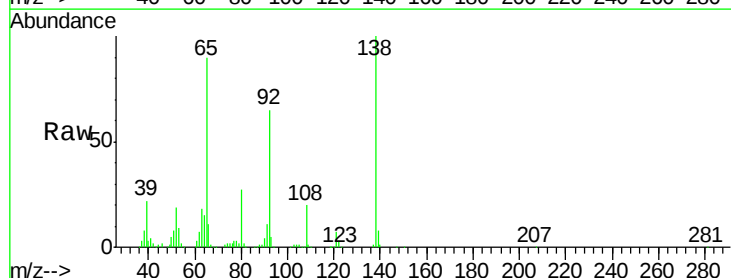
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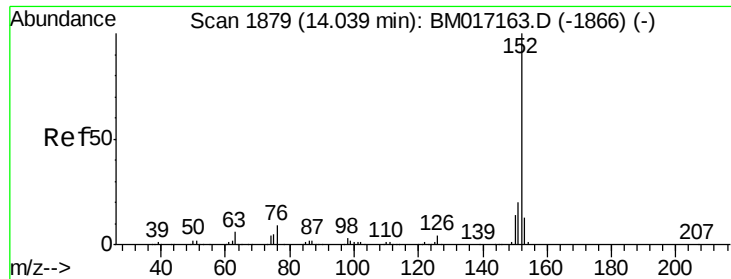
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#48
2-Nitroaniline
Concen: 41.660 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	54.9	82.3
138	111.4	83.7	125.5





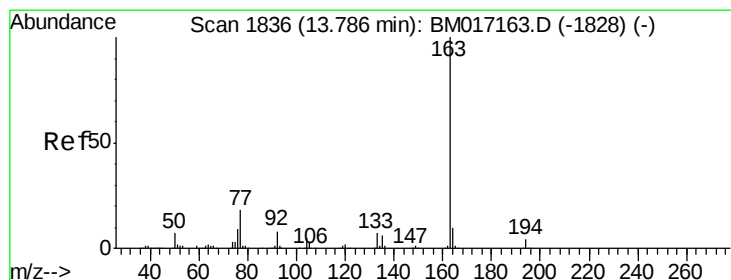
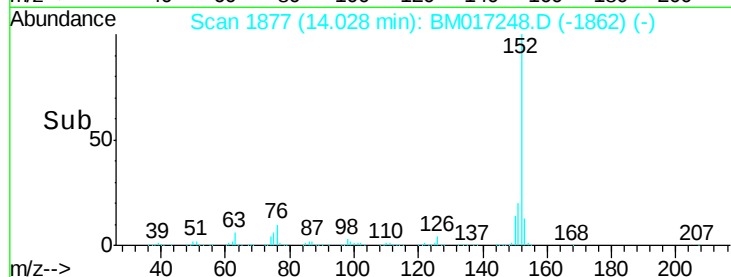
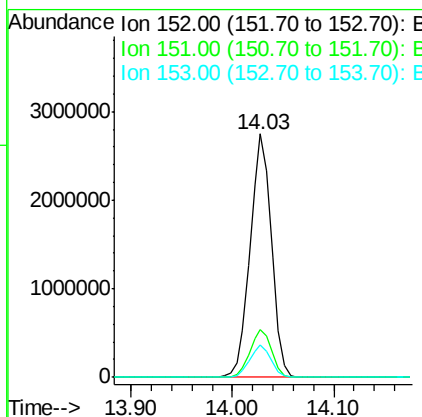
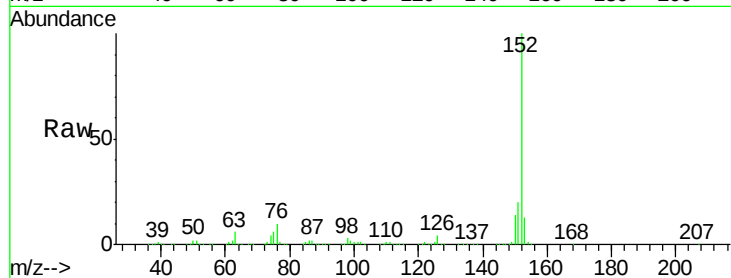
#49
Acenaphthylene
Concen: 45.190 ng
RT: 14.03 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.3	10.4	15.6

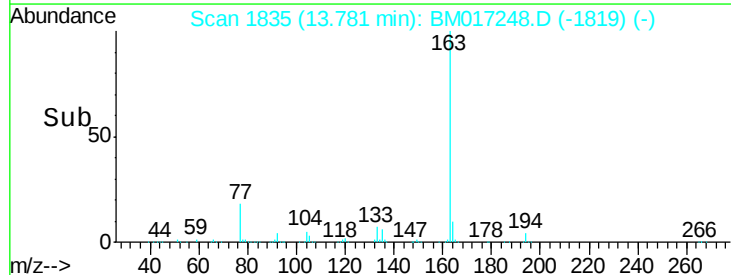
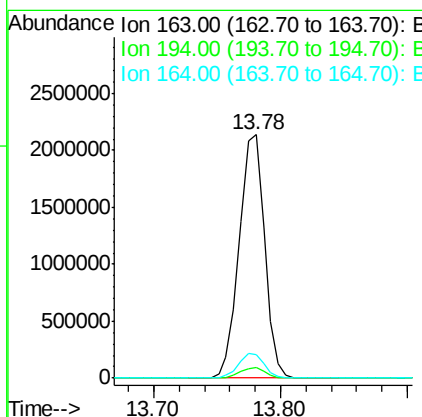
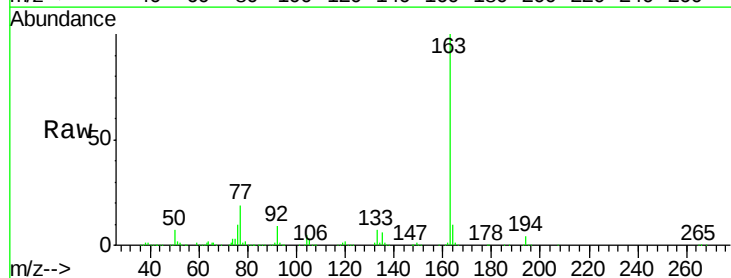
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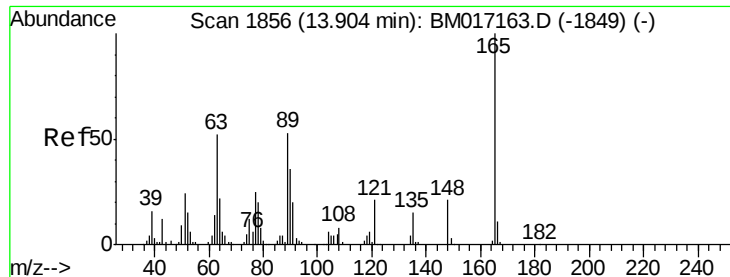
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#50
Dimethylphthalate
Concen: 41.818 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.9	7.8	11.8





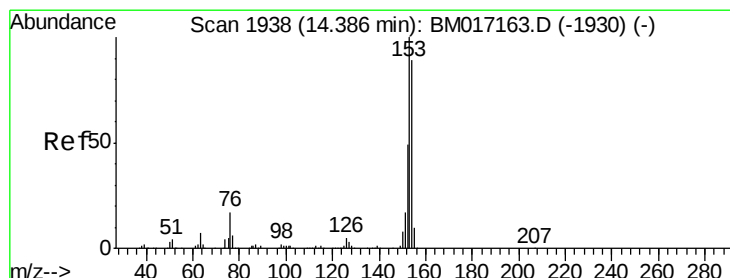
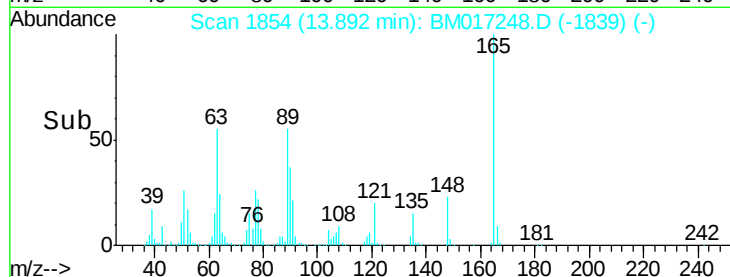
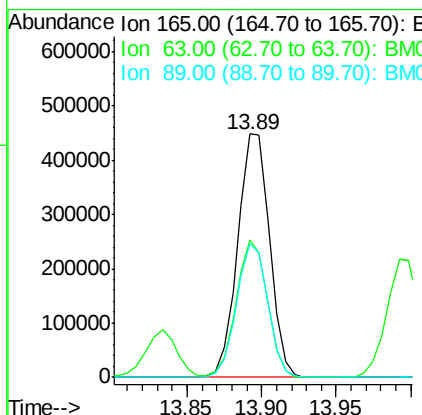
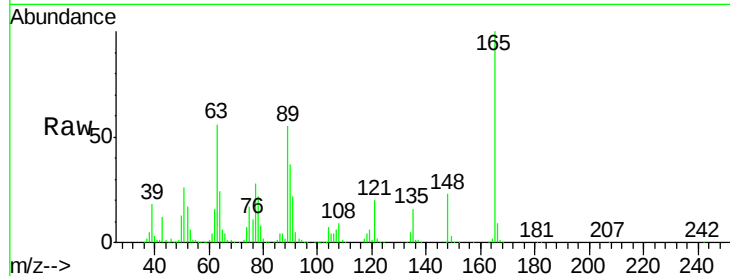
#51
2,6-Dinitrotoluene
Concen: 42.433 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	663880		
63	56.2	42.7	64.1	
89	54.9	42.1	63.1	

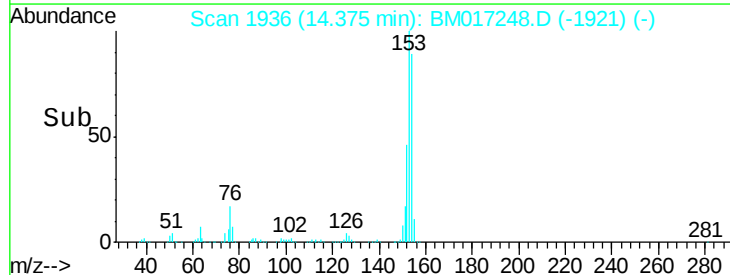
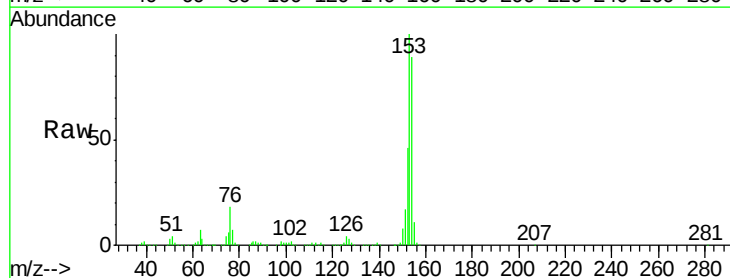
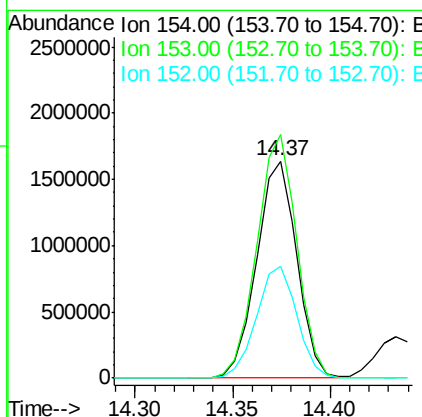
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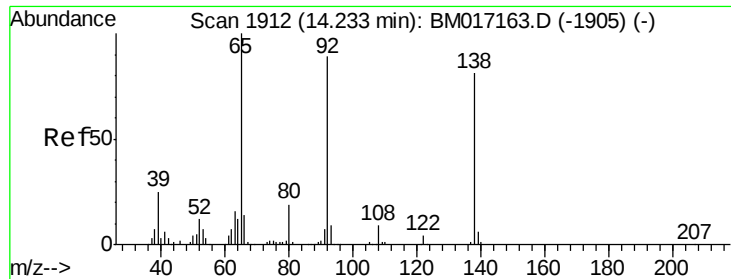
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#52
Acenaphthene
Concen: 41.921 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2327226		
153	112.2	90.2	135.2	
152	51.6	44.2	66.4	





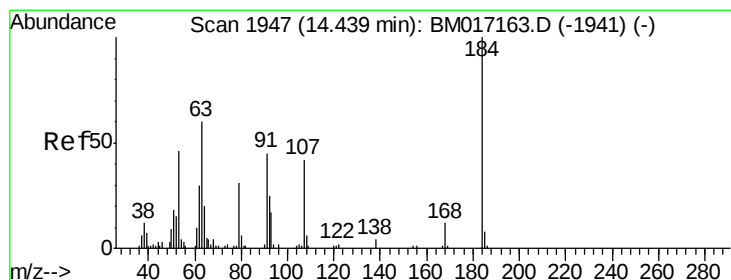
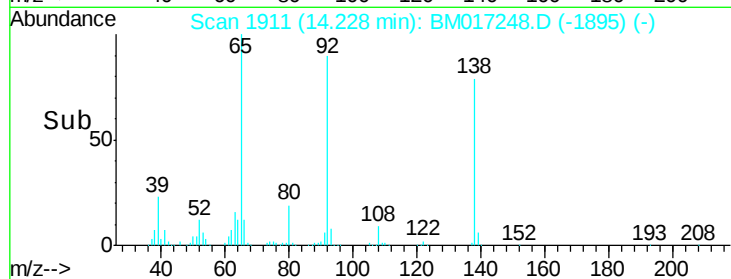
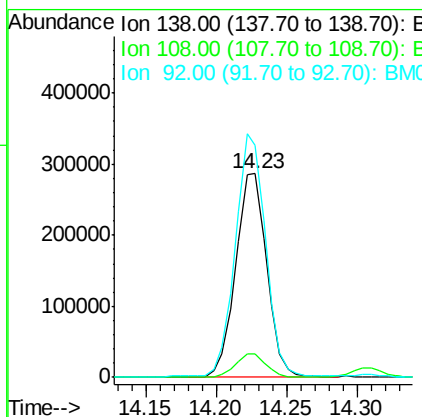
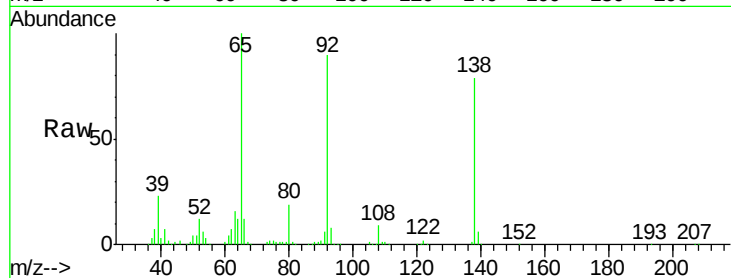
#53
 3-Nitroaniline
 Concen: 26.095 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	442178		
108	11.5	8.7	13.1	
92	114.0	87.9	131.9	

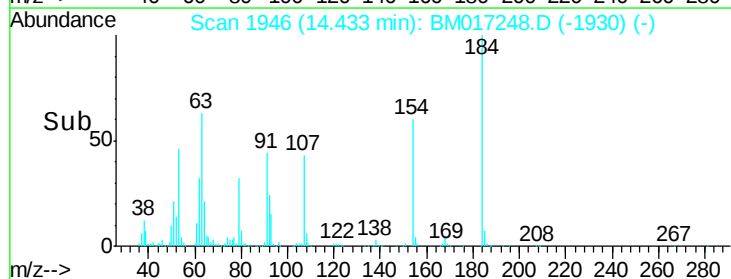
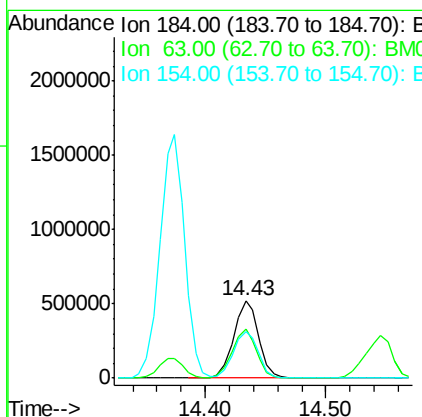
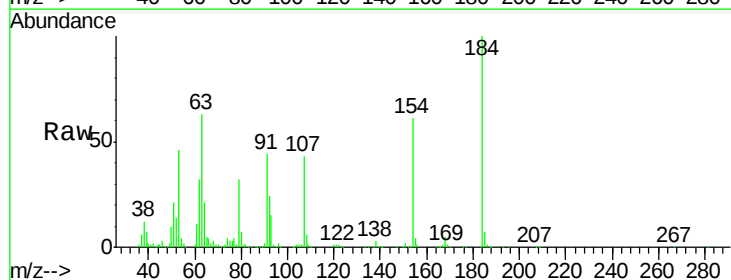
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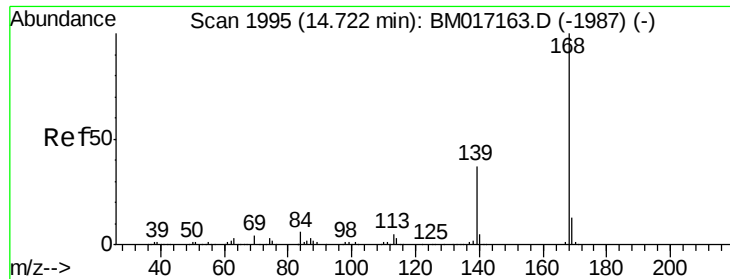
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#54
 2,4-Dinitrophenol
 Concen: 80.625 ng
 RT: 14.43 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	740677		
63	63.1	51.2	76.8	
154	60.7	47.8	71.8	





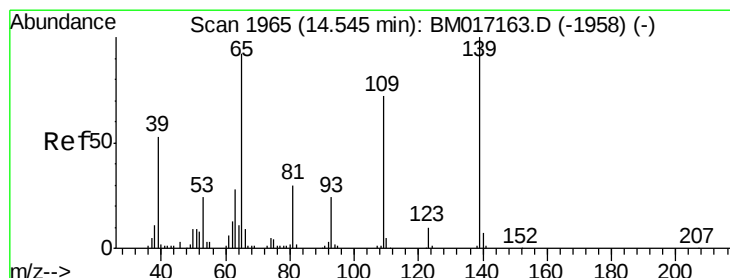
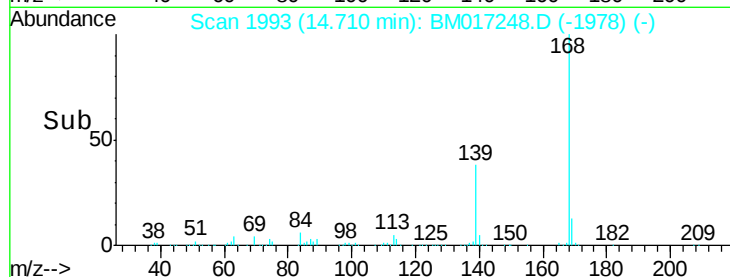
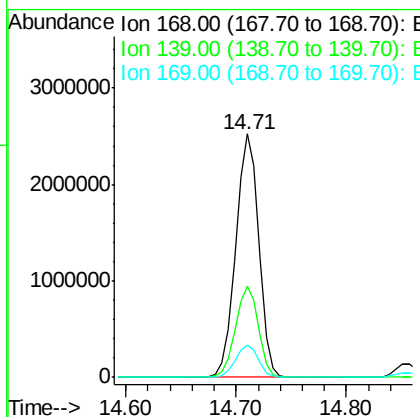
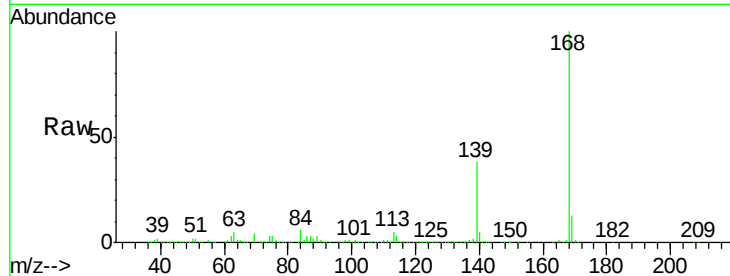
#55
Dibenzofuran
Concen: 39.842 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion:168 Resp: 3678106
Ion Ratio Lower Upper
168 100
139 37.6 29.3 43.9
169 13.3 10.6 15.8

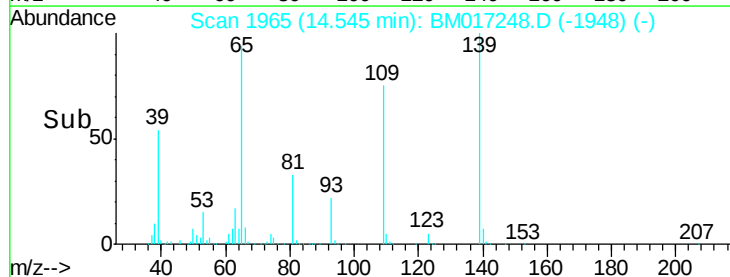
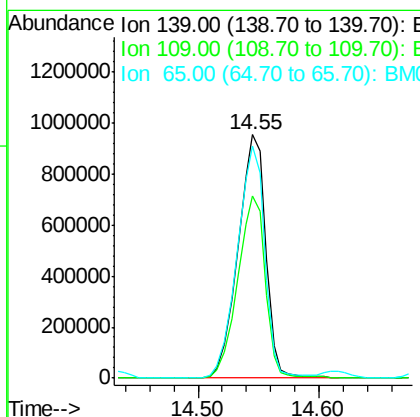
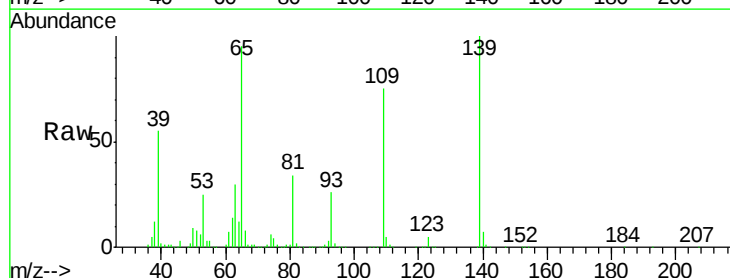
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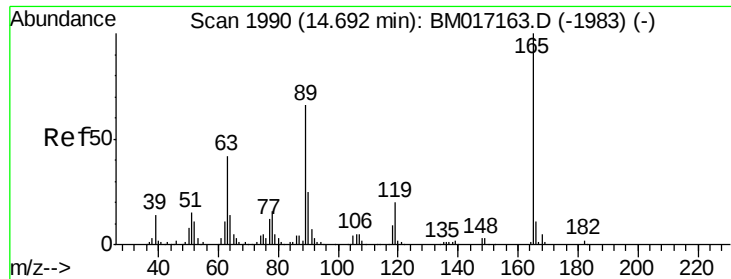
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#56
4-Nitrophenol
Concen: 97.929 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:139 Resp: 1529704
Ion Ratio Lower Upper
139 100
109 75.0 51.8 91.8
65 95.1 72.1 112.1





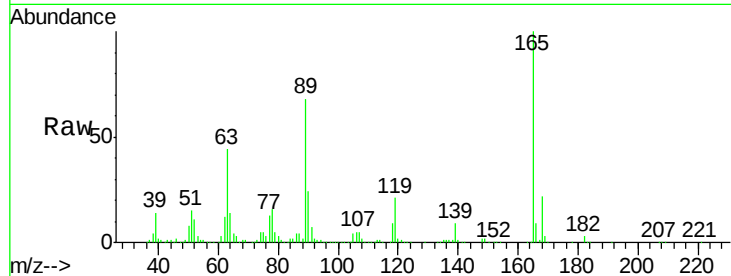
#57
 2,4-Dinitrotoluene
 Concen: 43.076 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

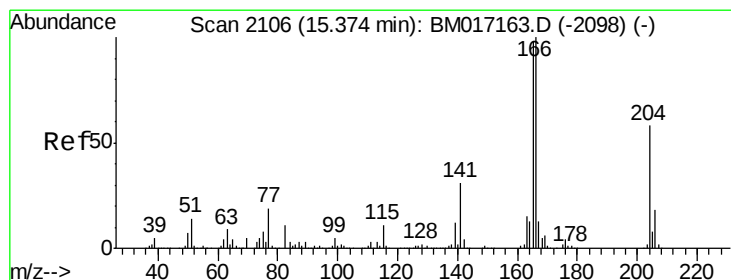
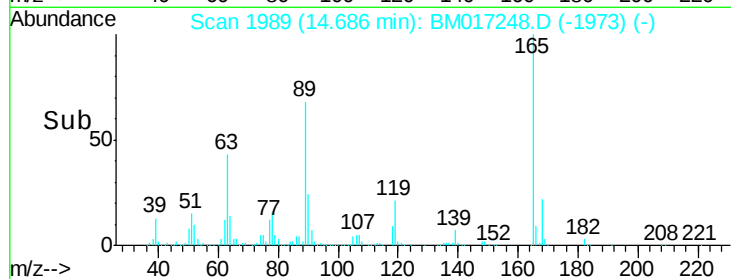
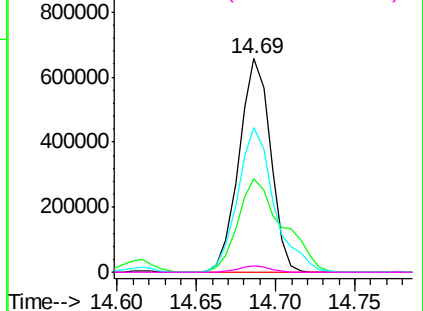
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	905816		
63	43.6	33.8	50.8	
89	68.0	53.1	79.7	
182	2.9	2.0	3.0	

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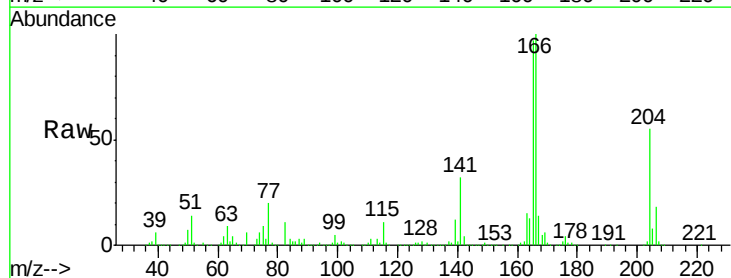


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

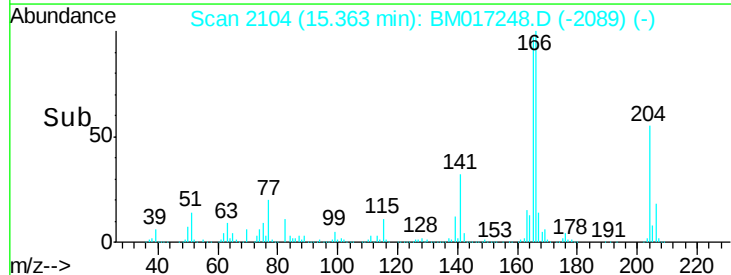
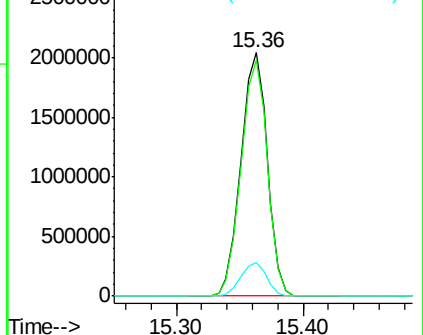


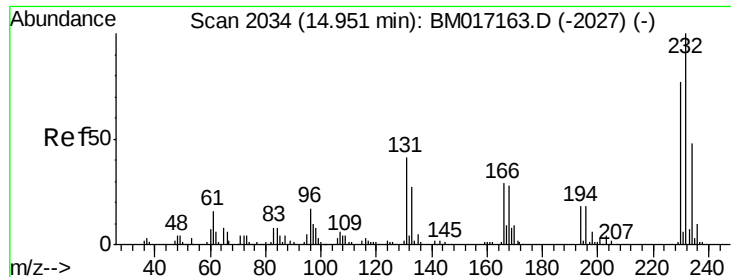
#58
 Fluorene
 Concen: 42.922 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2932934		
165	96.9	78.1	117.1	
167	13.6	10.6	16.0	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





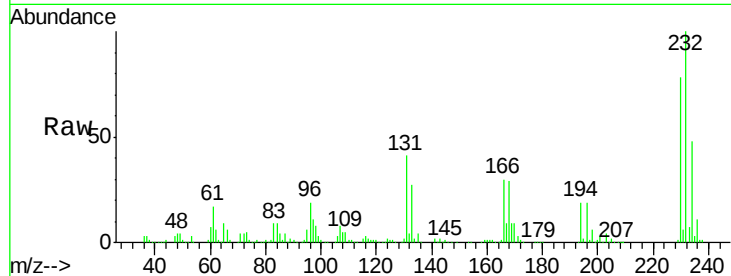
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.024 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

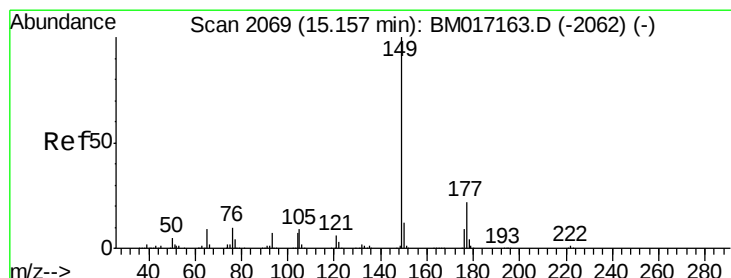
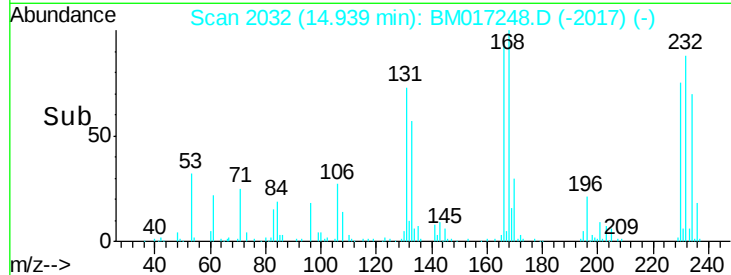
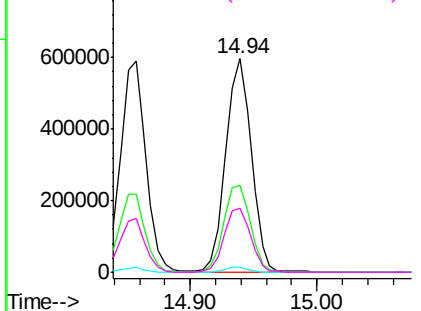
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	828960		
131	42.4	33.1	49.7	
130	2.4	1.7	2.5	
166	31.2	24.4	36.6	

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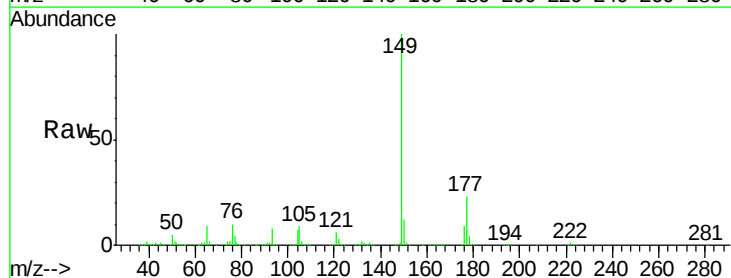


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

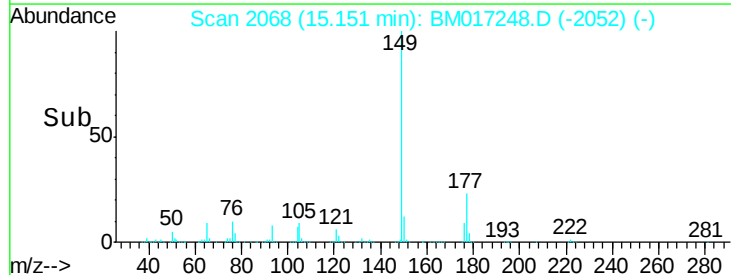
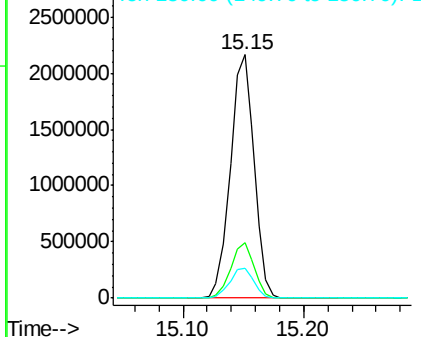


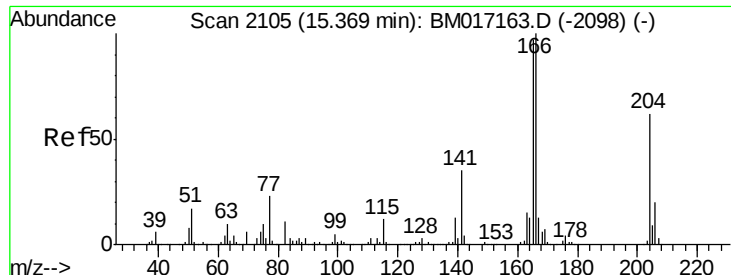
#60
 Diethylphthalate
 Concen: 41.910 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2954519		
177	22.8	17.7	26.5	
150	12.5	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





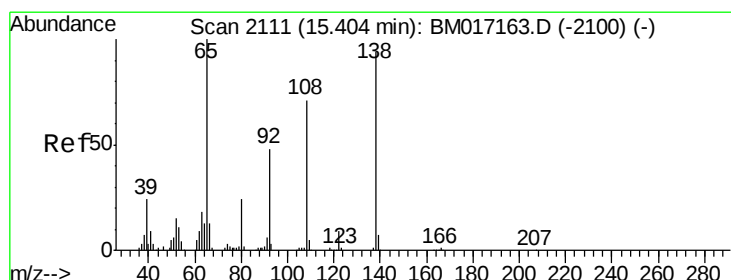
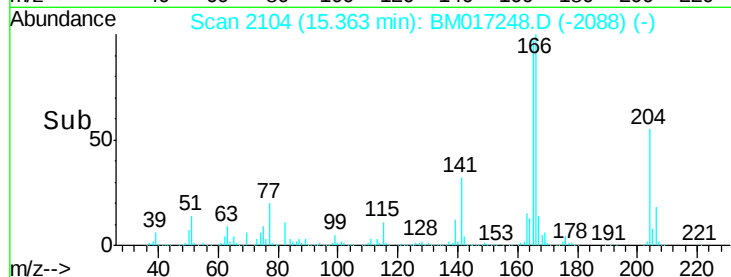
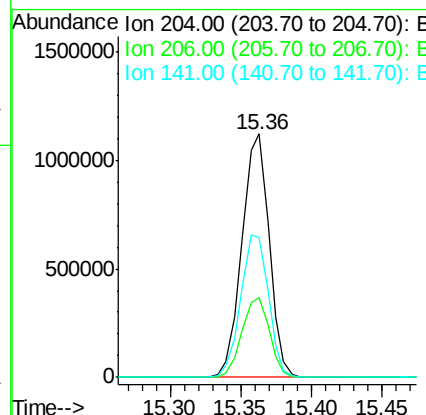
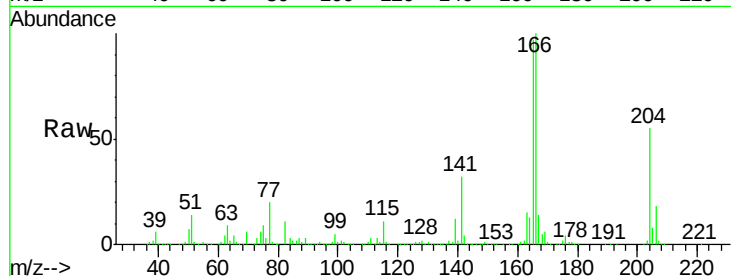
#61
 4-Chlorophenyl-phenylether
 Concen: 38.681 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.1	39.1
141	57.6	45.4	68.2

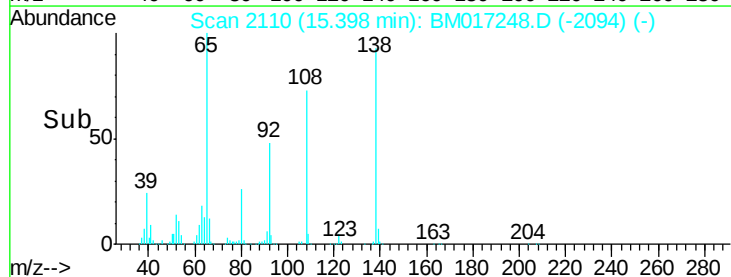
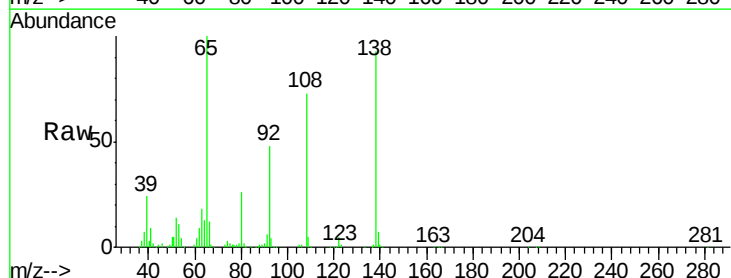
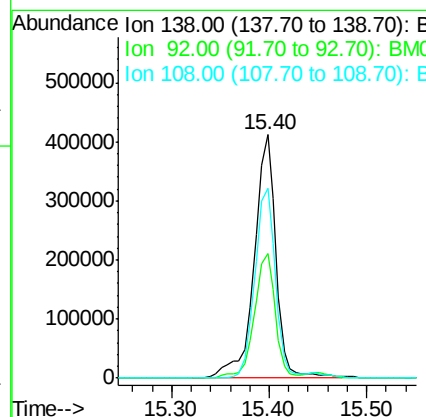
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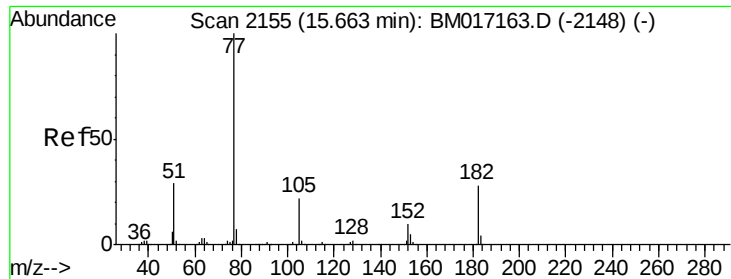
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#62
 4-Nitroaniline
 Concen: 35.724 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	31.2	71.2
108	78.1	55.5	95.5





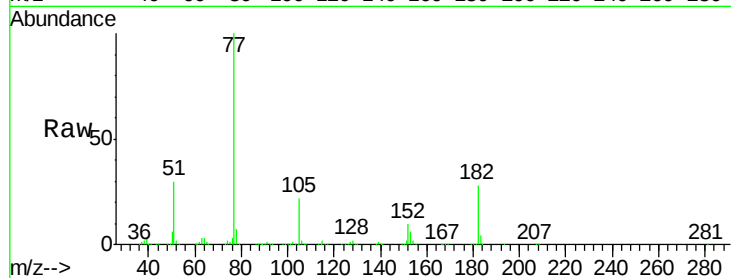
#63
Azobenzene
Concen: 41.078 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

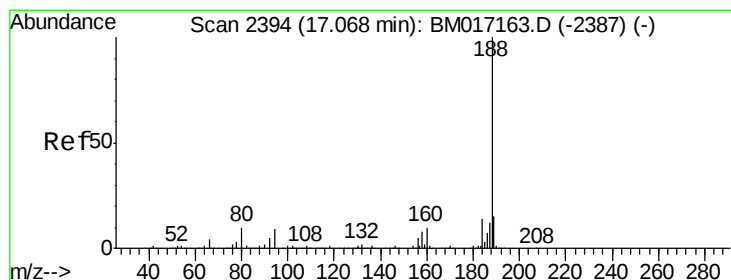
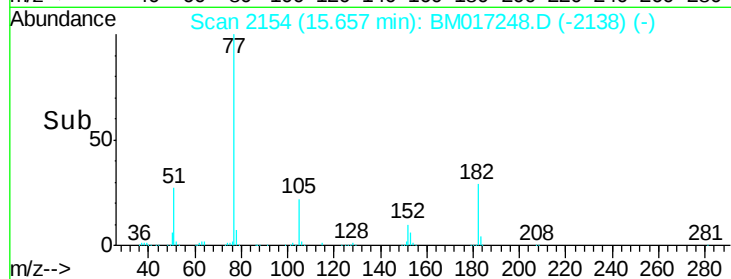
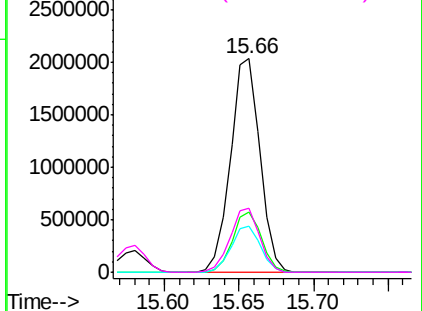
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.3	48.3
105	21.9	1.5	41.5
51	29.8	8.8	48.8

Manual Integrations
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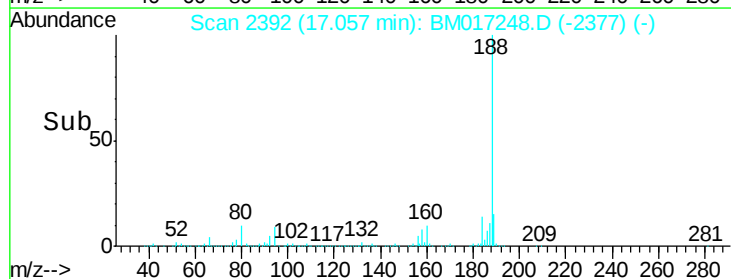
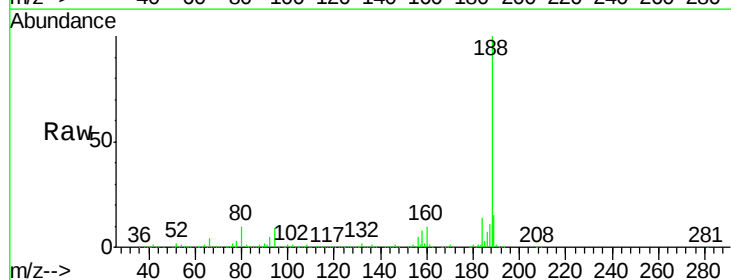
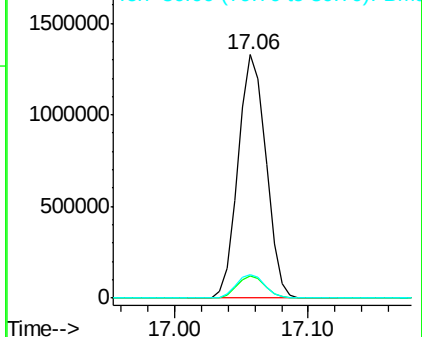
Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)

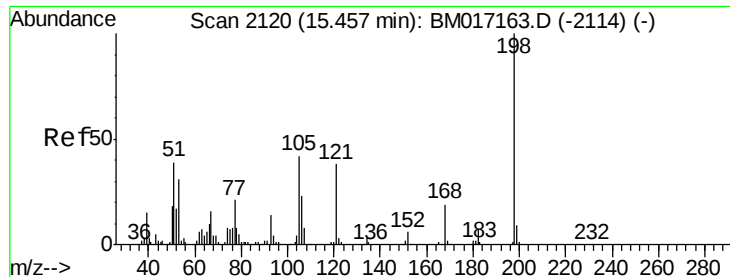


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.8	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): BM017163.D (-2387) (-)
Ion 94.00 (93.70 to 94.70): BM017163.D (-2387) (-)
Ion 80.00 (79.70 to 80.70): BM017163.D (-2387) (-)





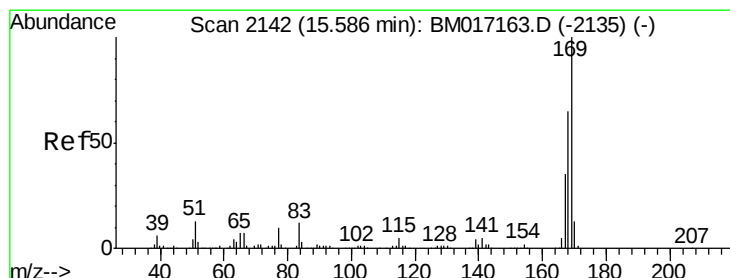
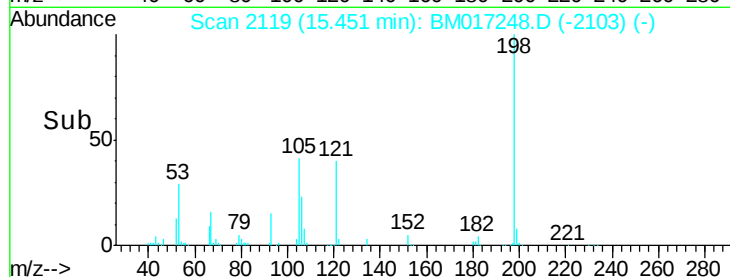
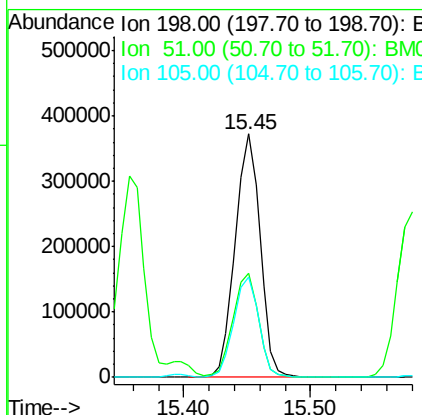
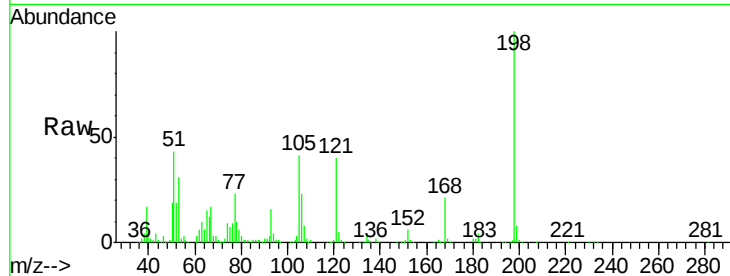
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.165 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	507278		
51	43.0	20.3	60.3	
105	41.1	21.9	61.9	

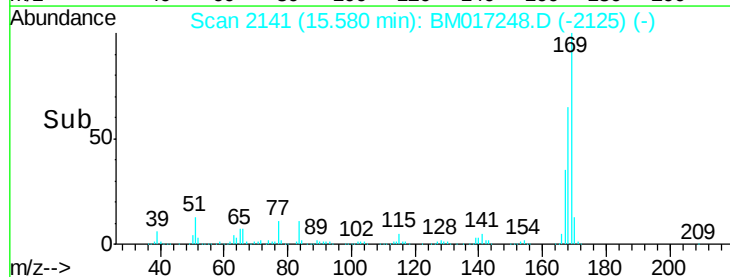
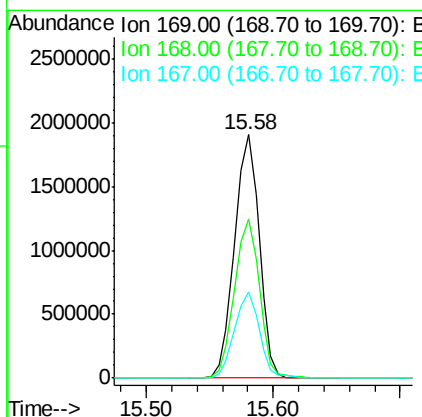
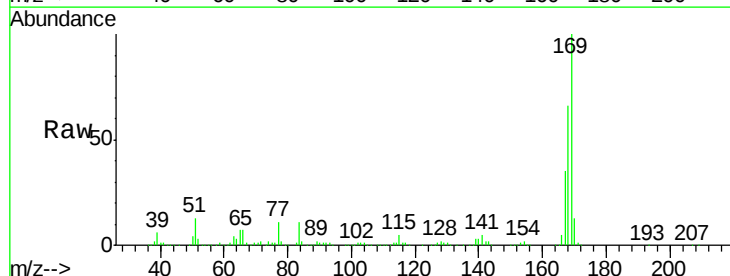
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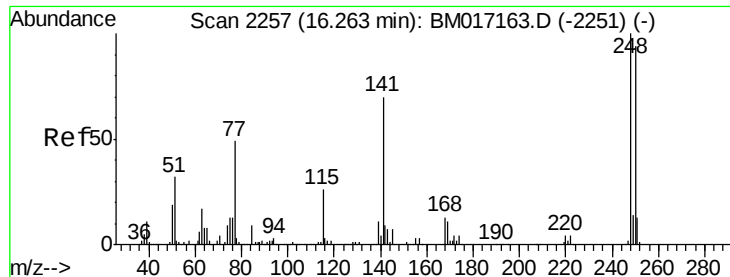
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#66
 n-Nitrosodiphenylamine
 Concen: 44.152 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2563199		
168	65.5	52.2	78.4	
167	35.3	28.4	42.6	





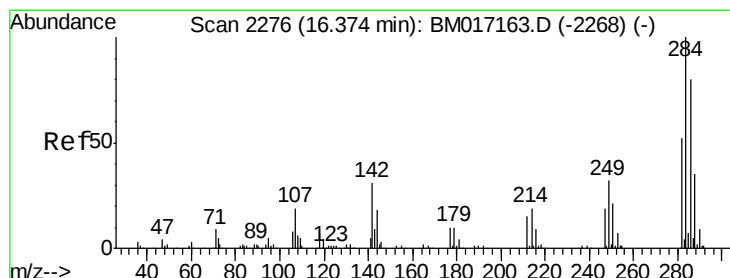
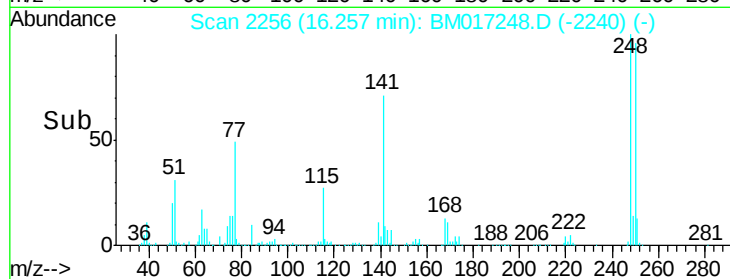
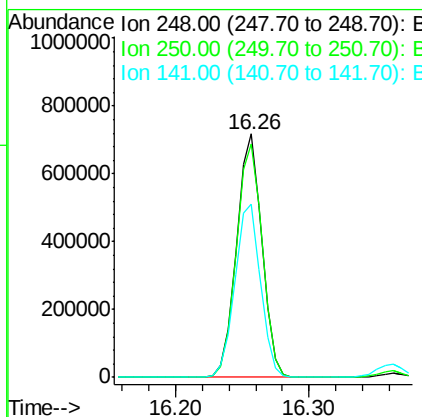
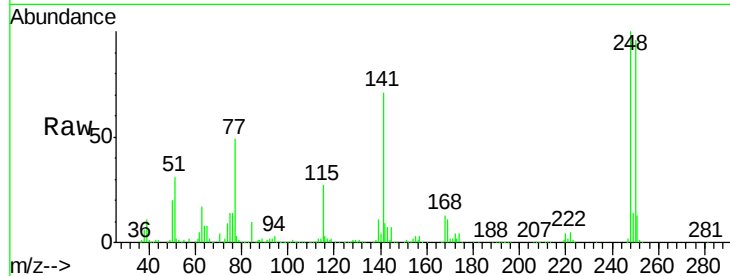
#67
4-Bromophenyl-phenylether
Concen: 44.695 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	75.1	112.7
141	70.9	55.6	83.4

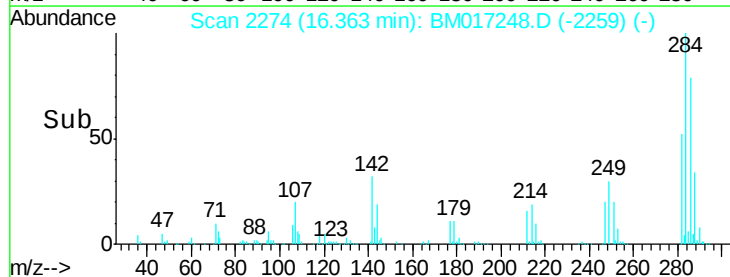
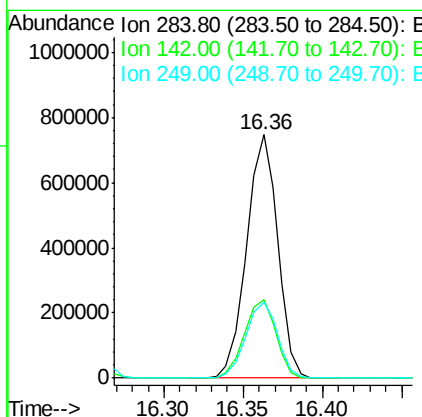
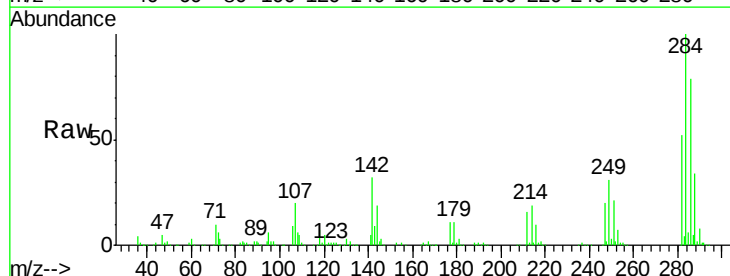
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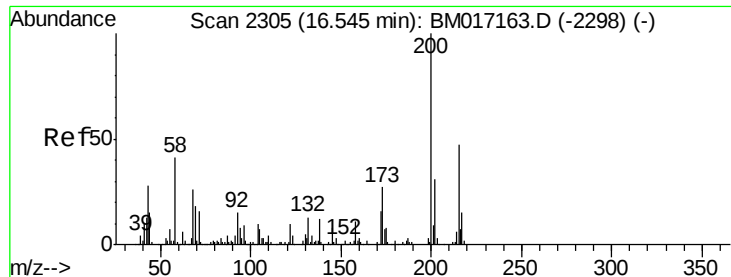
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#68
Hexachlorobenzene
Concen: 41.560 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.0	37.6
249	31.1	25.5	38.3





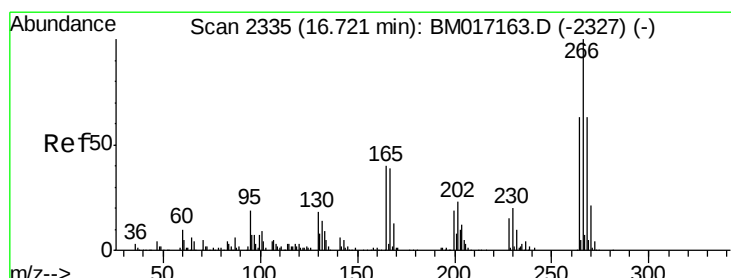
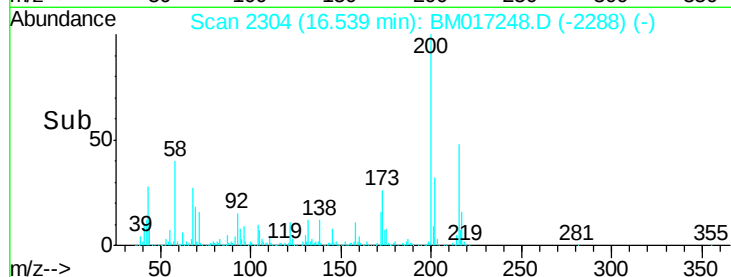
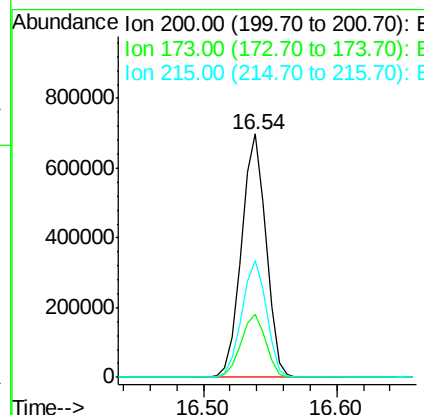
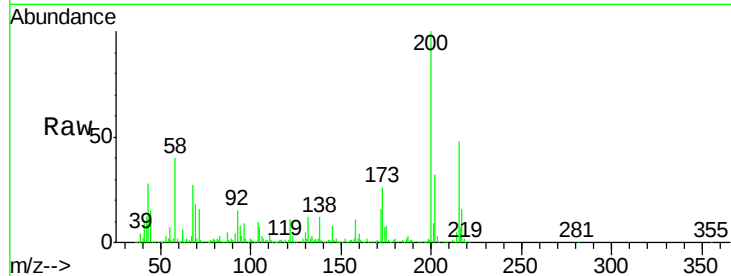
#69
Atrazine
Concen: 42.859 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	890525		
173	25.8	7.0	47.0	
215	47.8	27.3	67.3	

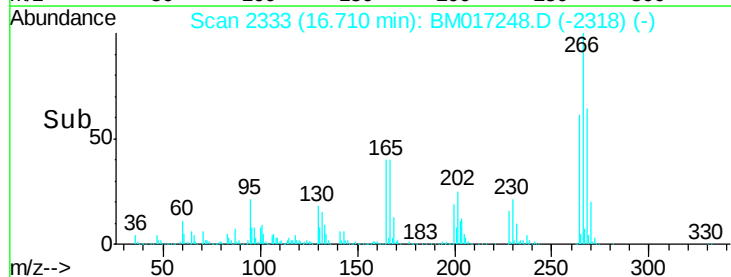
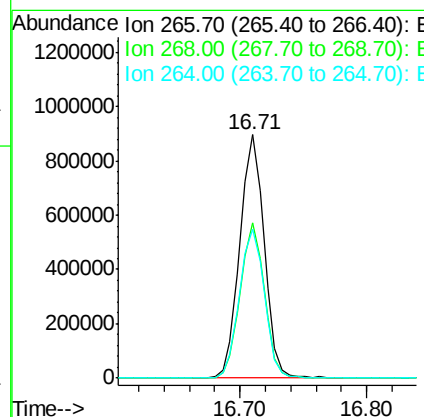
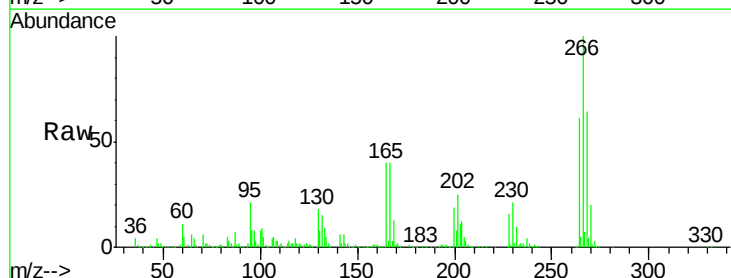
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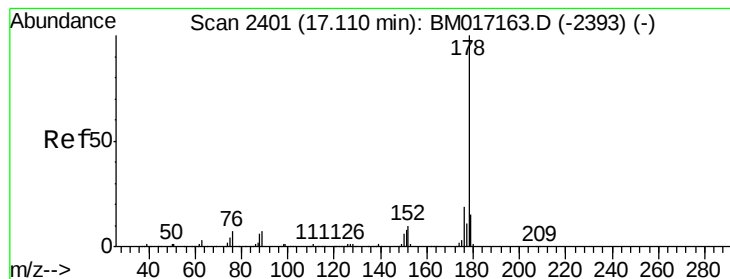
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#70
Pentachlorophenol
Concen: 70.942 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1189371		
268	63.6	50.7	76.1	
264	61.4	50.4	75.6	





#71

Phenanthrene

Concen: 42.380 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

PB113966BS

Tgt Ion:178 Resp: 4387487

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

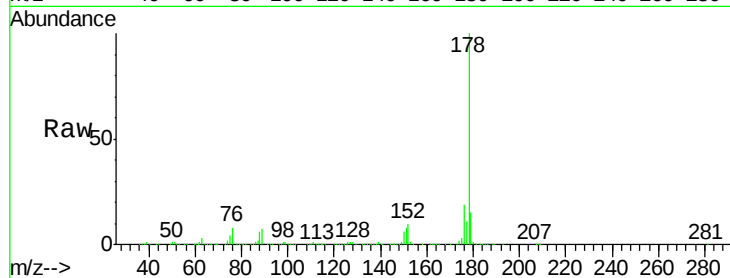
179 15.4 12.3 18.5

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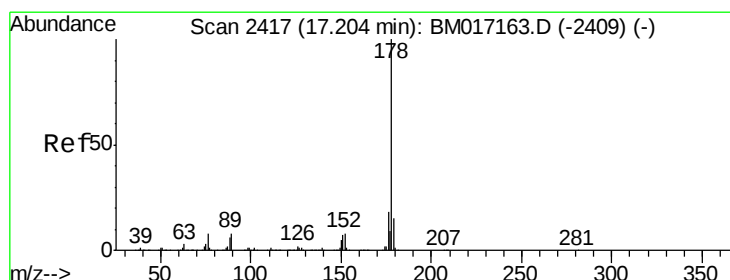
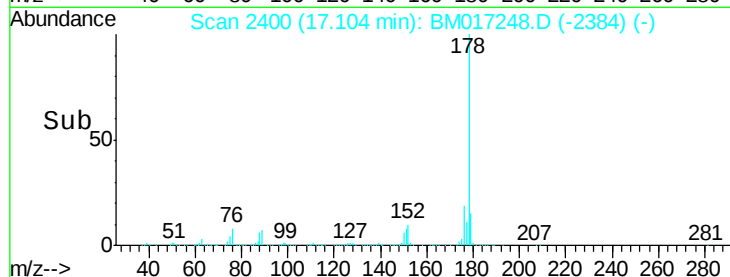
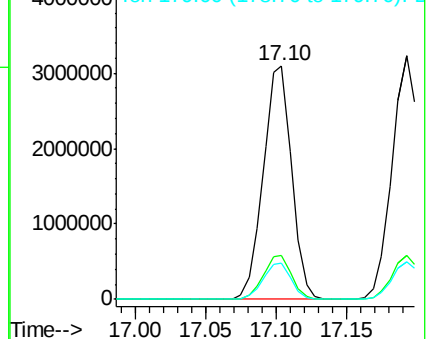
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.584 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

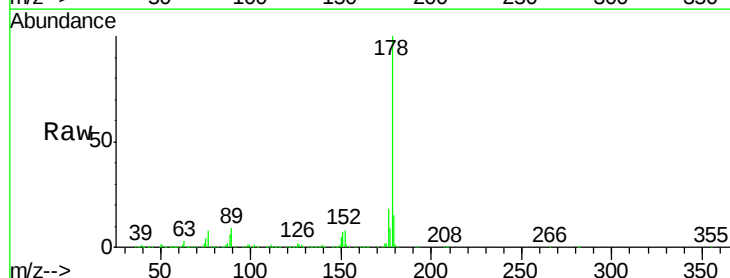
Tgt Ion:178 Resp: 4484107

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

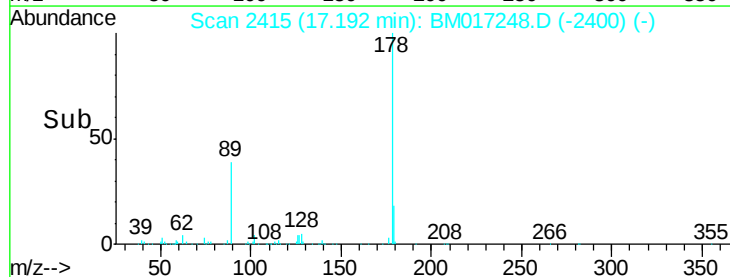
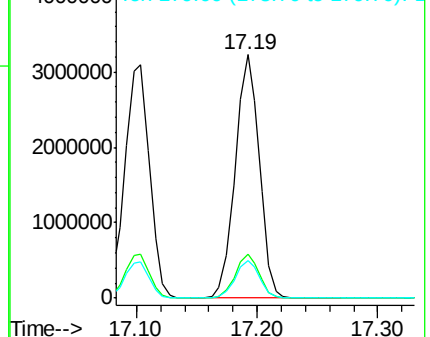
179 15.5 12.2 18.2

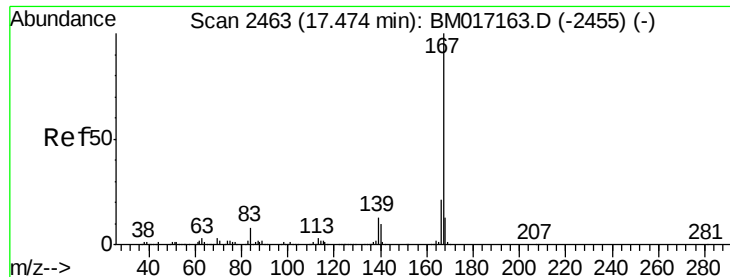


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





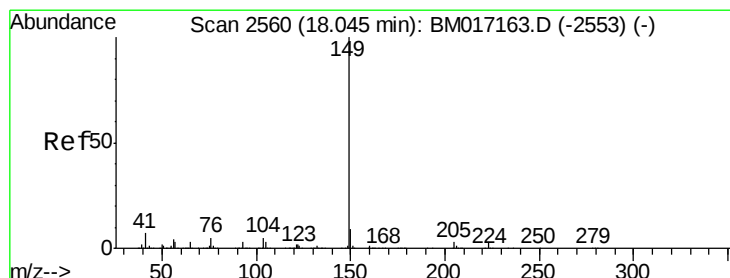
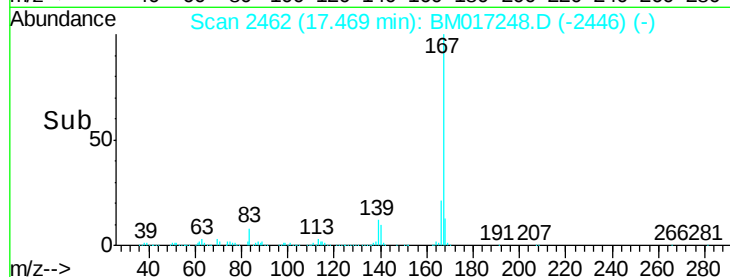
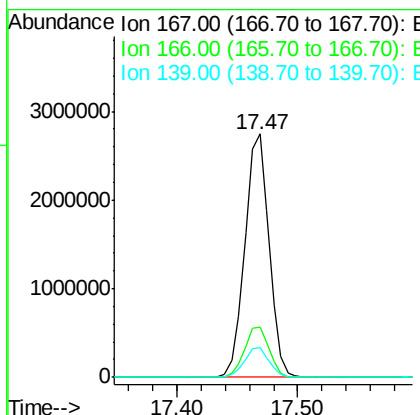
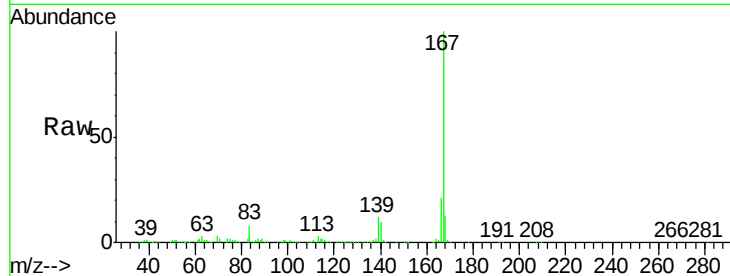
#73
 Carbazole
 Concen: 38.317 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

Tgt Ion:167 Resp: 3850339
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.1 25.7
 139 12.4 10.1 15.1

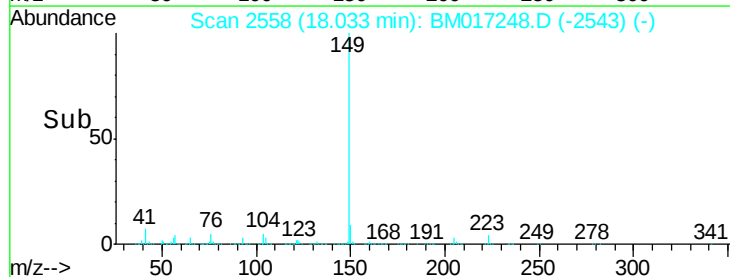
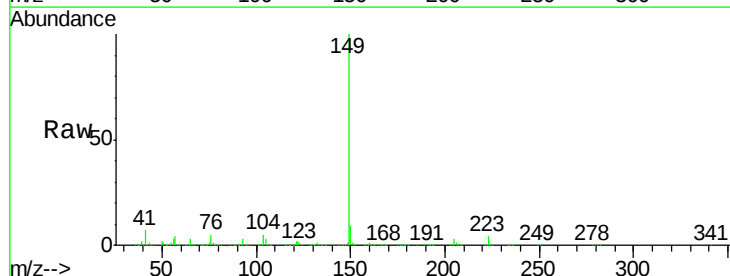
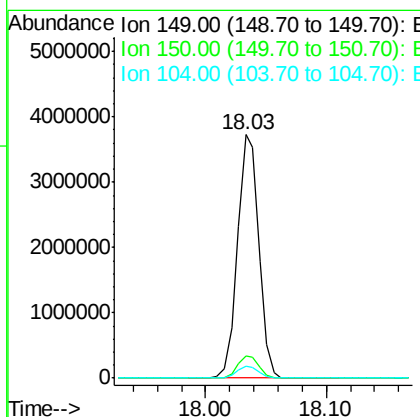
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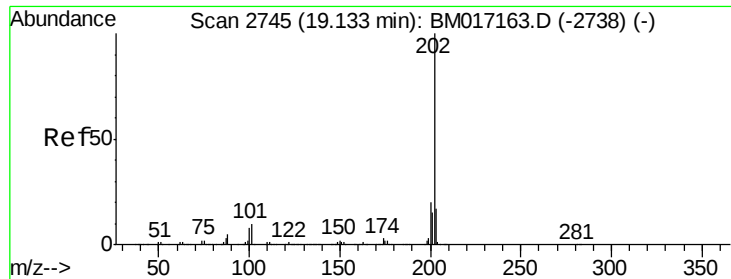
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#74
 Di-n-butylphthalate
 Concen: 43.173 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion:149 Resp: 4575635
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 39.989 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

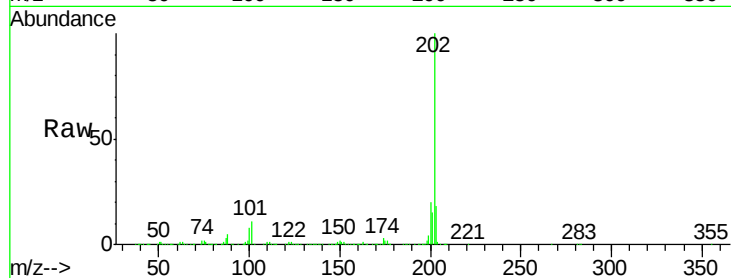
ClientSampleId :

PB113966BS

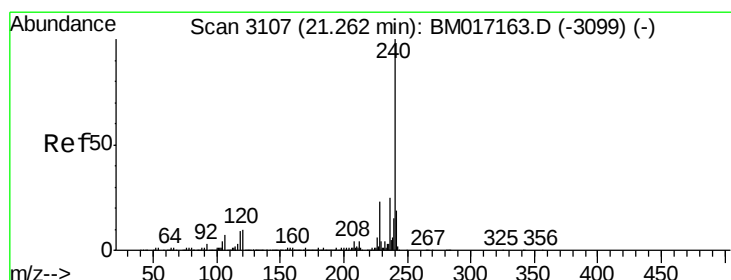
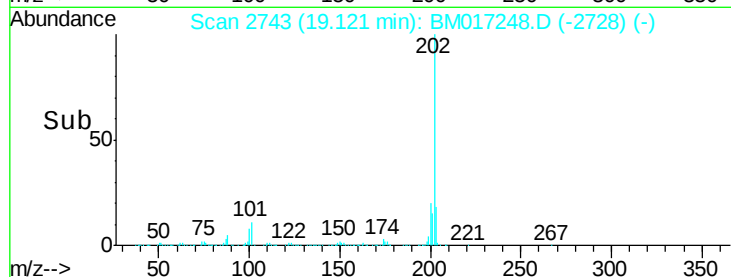
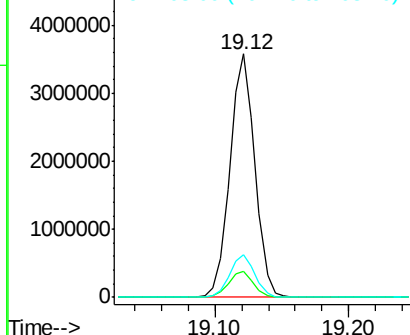
Tgt Ion:	202	Resp:	4658610
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.0
203	17.6	0.0	37.2

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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

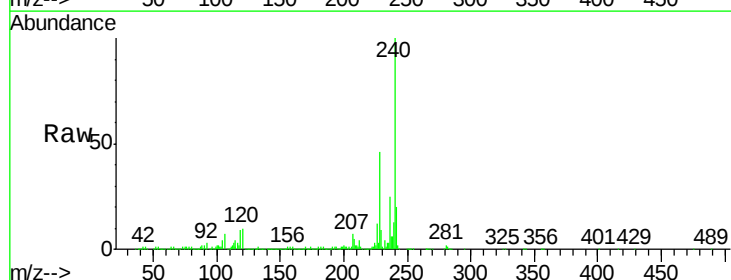
RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

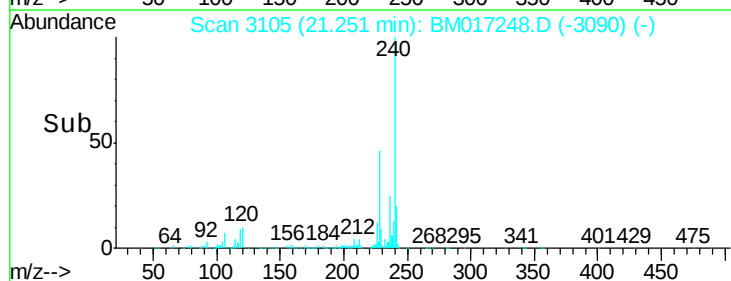
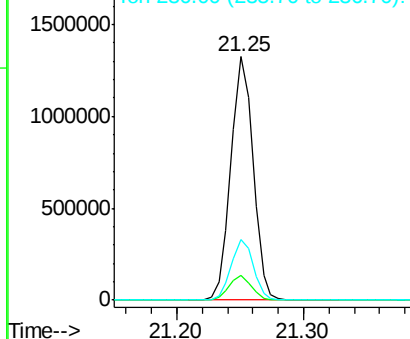
Lab File: BM017248.D

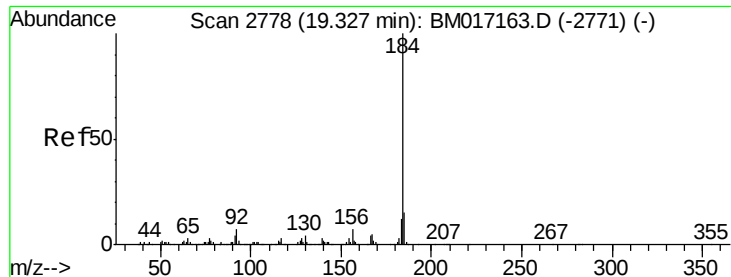
Acq: 20 Oct 2018 03:36

Tgt Ion:	240	Resp:	1603505
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	25.0	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: 56.980 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

PB113966BS

Tgt Ion:184 Resp: 2316780

Ion Ratio Lower Upper

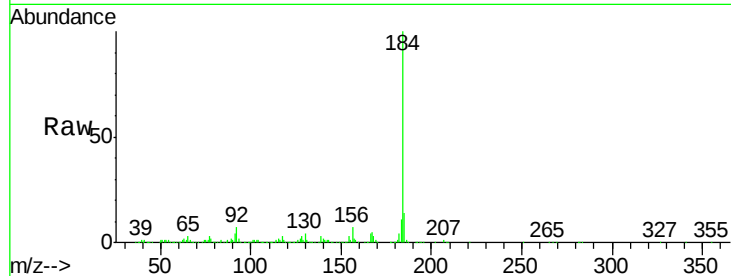
184 100

185 14.1 11.8 17.8

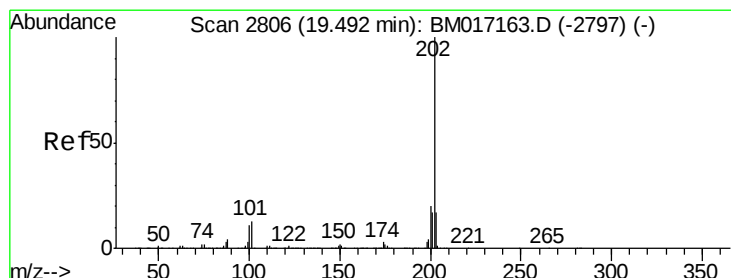
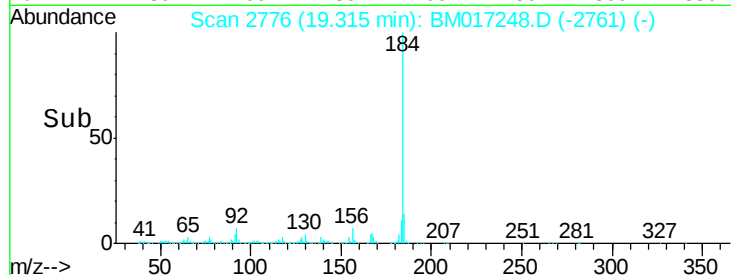
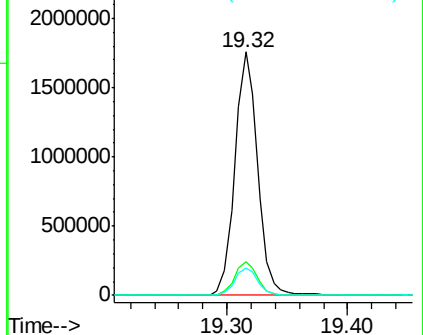
183 11.5 9.7 14.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.007 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

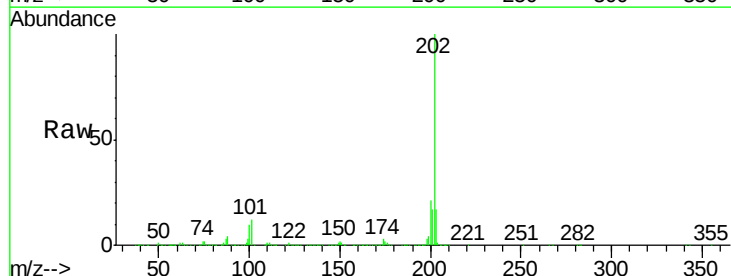
Tgt Ion:202 Resp: 4660893

Ion Ratio Lower Upper

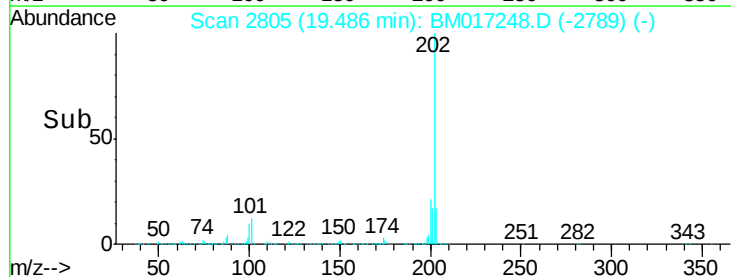
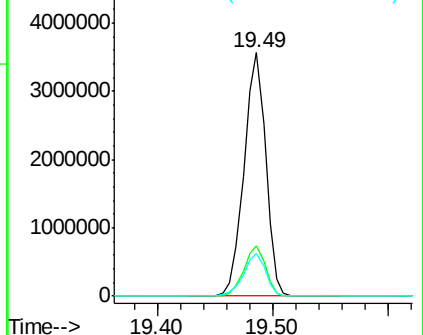
202 100

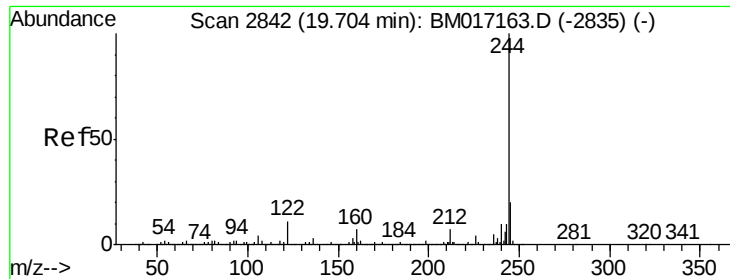
200 20.6 16.3 24.5

203 17.5 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





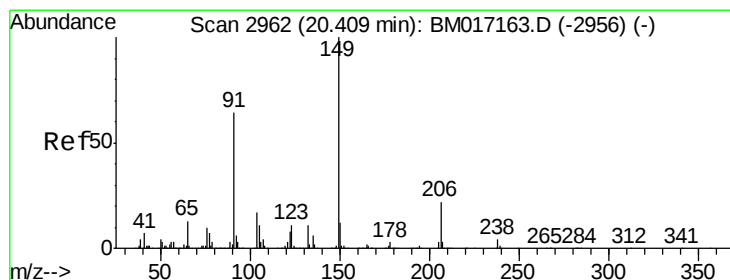
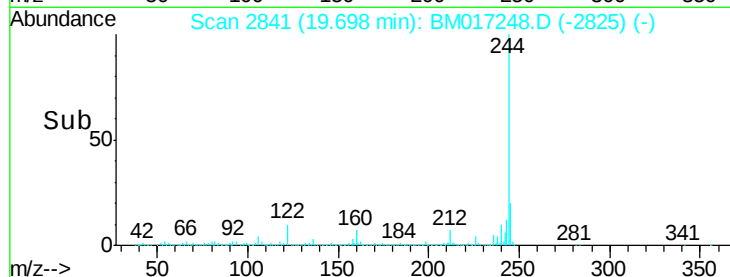
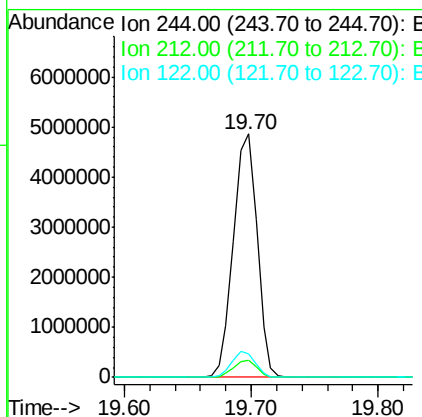
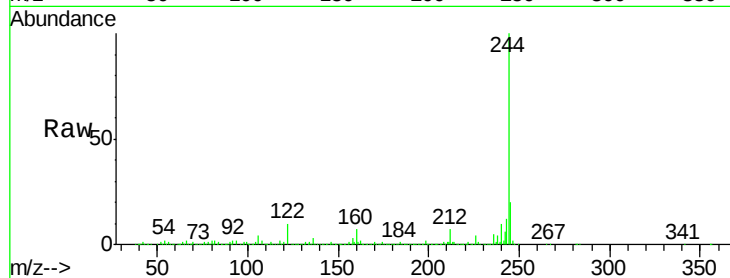
#79
 Terphenyl-d14
 Concen: 88.360 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

Tgt Ion:244 Resp: 6285985
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.9 8.4 12.6

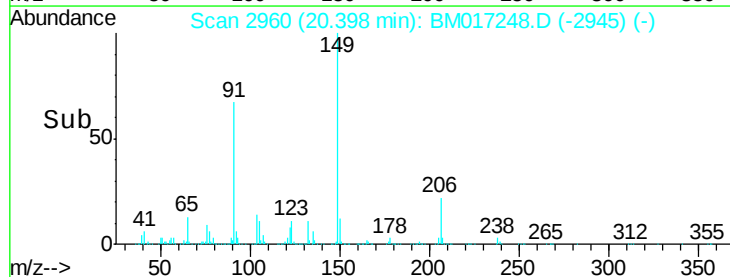
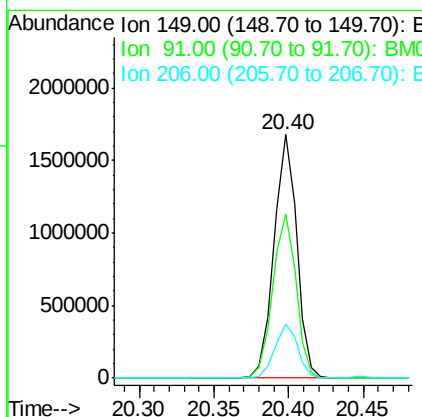
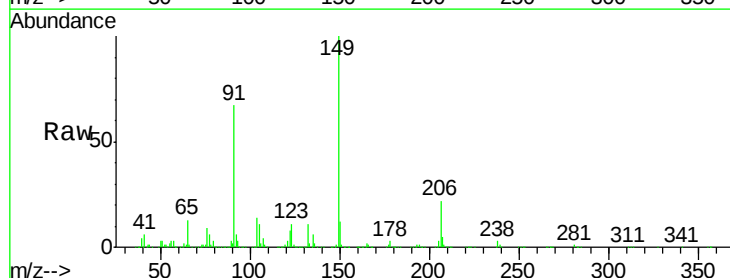
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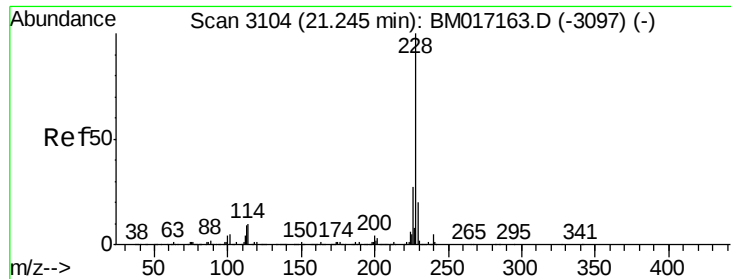
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#80
 Butylbenzylphthalate
 Concen: 51.718 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion:149 Resp: 1786055
 Ion Ratio Lower Upper
 149 100
 91 67.5 51.3 76.9
 206 22.4 18.0 27.0





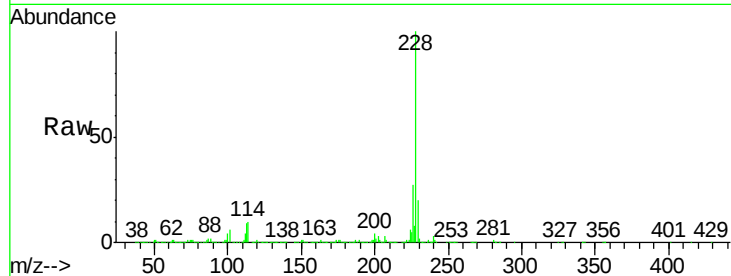
#81
Benzo(a)anthracene
Concen: 44.346 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

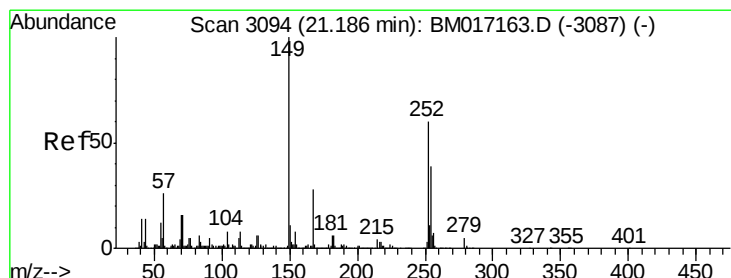
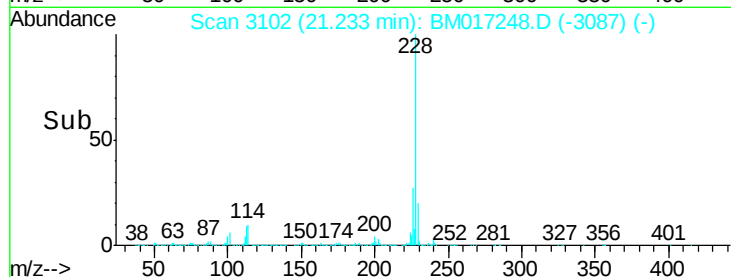
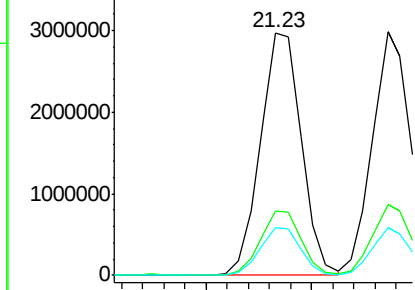
Tgt Ion: 228 Resp: 4001569
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 19.7 15.9 23.9

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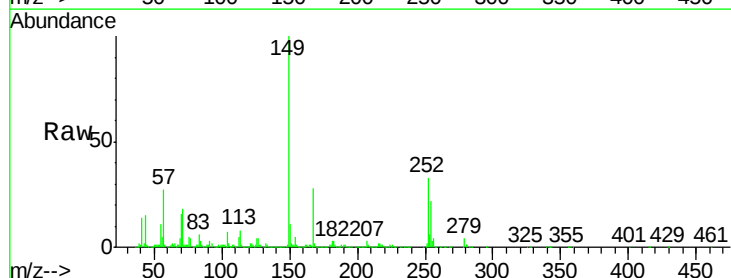


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

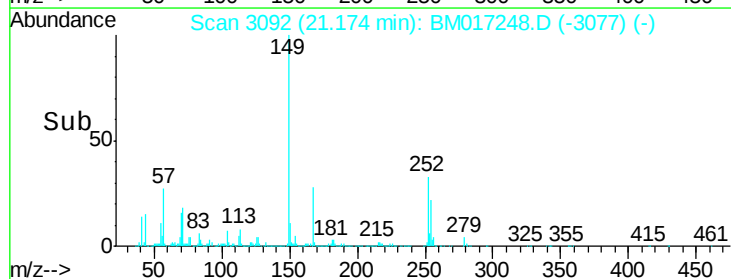
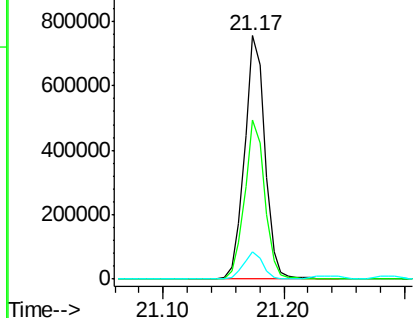


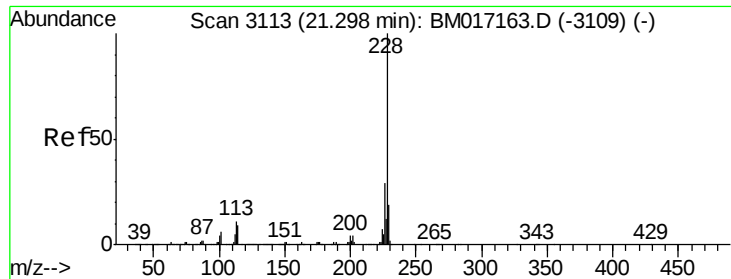
#82
3,3'-Dichlorobenzidine
Concen: 26.639 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion: 252 Resp: 895907
Ion Ratio Lower Upper
252 100
254 65.3 52.1 78.1
126 11.4 8.6 12.8



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





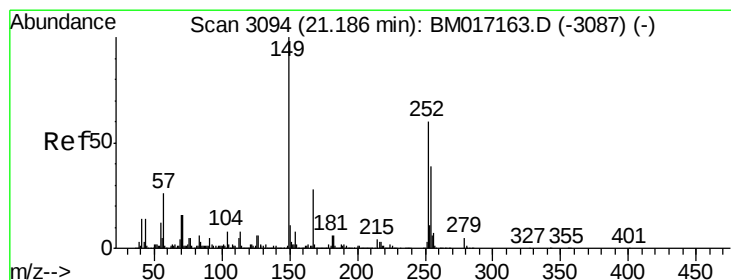
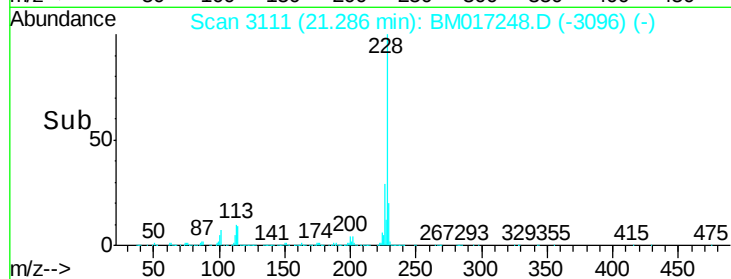
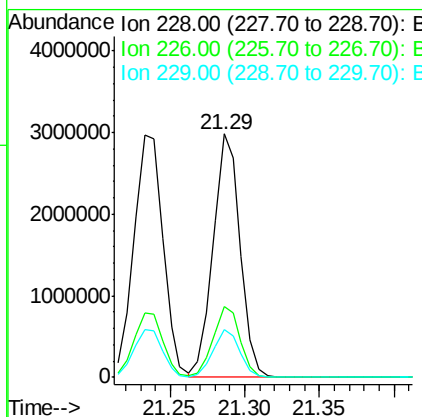
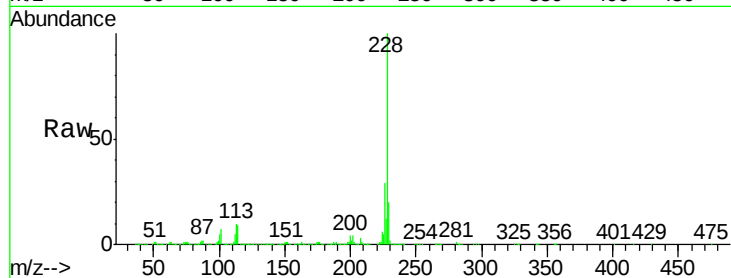
#83
 Chrysene
 Concen: 41.982 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Instrument :
 BNA_M
 ClientSampleId :
 PB113966BS

Tgt Ion: 228 Resp: 3749590
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.3 34.9
 229 19.8 15.6 23.4

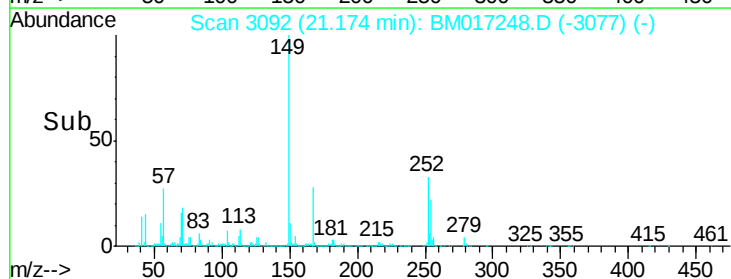
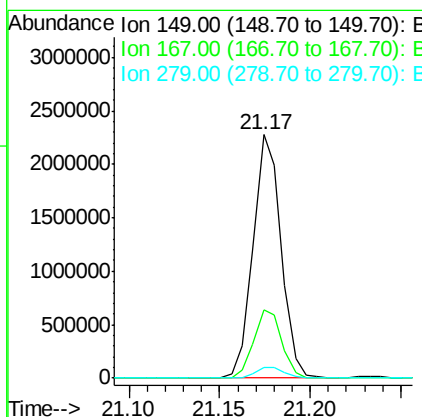
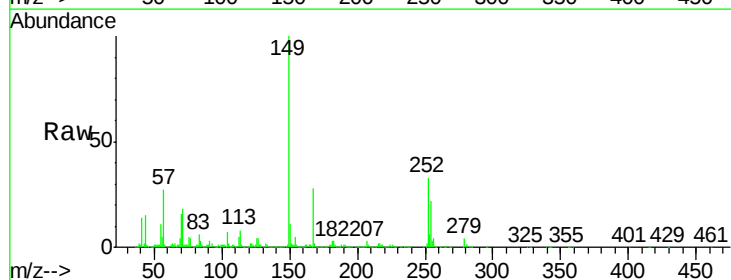
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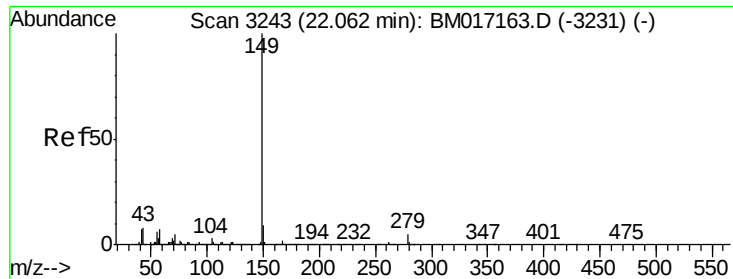
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.843 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017248.D
 Acq: 20 Oct 2018 03:36

Tgt Ion: 149 Resp: 2436687
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.2 33.4
 279 4.4 3.6 5.4





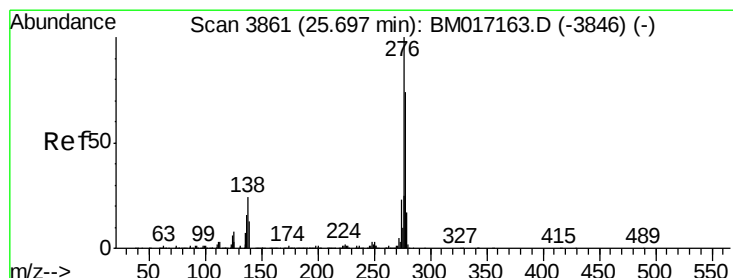
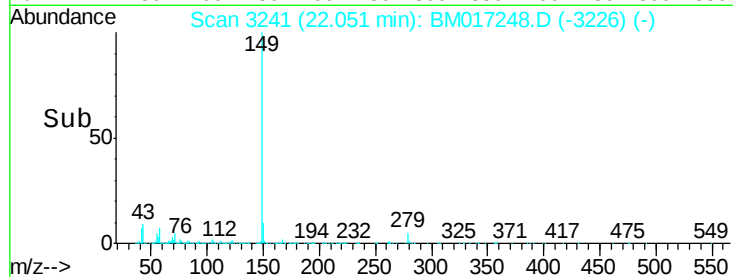
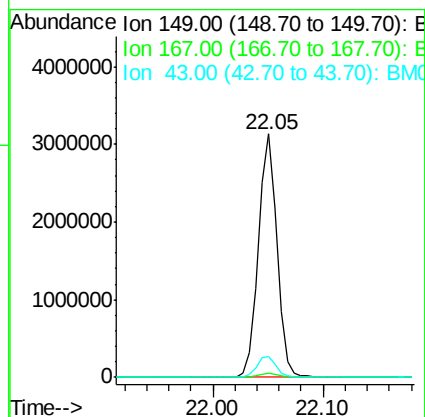
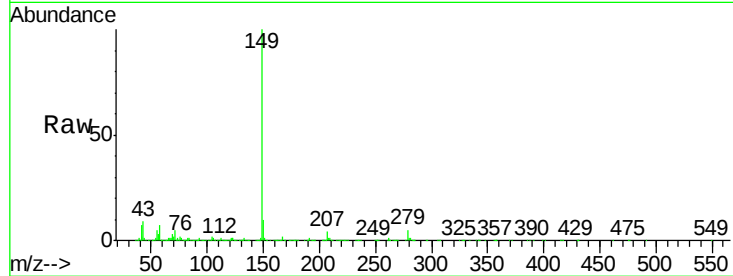
#85
Di-n-octyl phthalate
Concen: 42.524 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion:149 Resp: 3695428
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.9 7.2 10.8

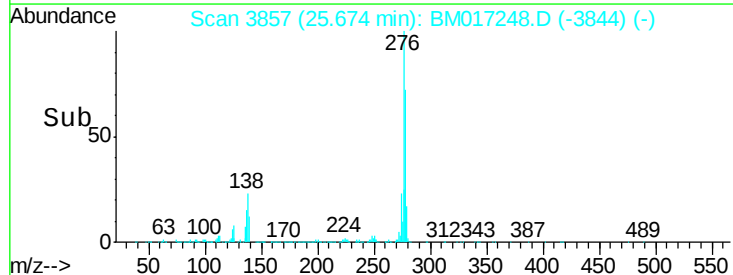
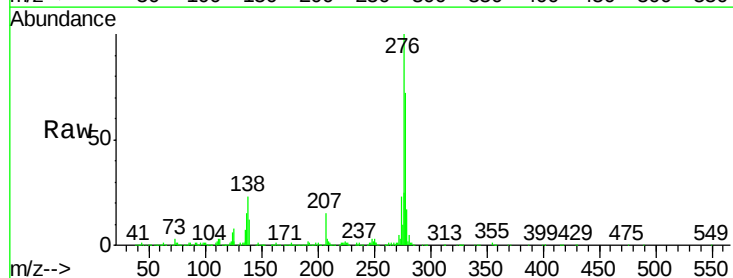
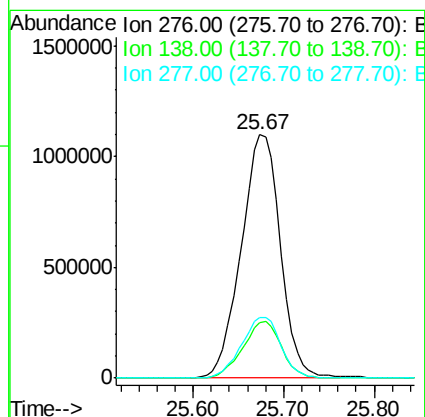
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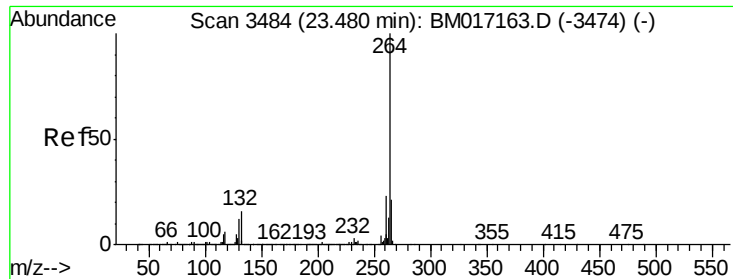
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#86
Indeno(1,2,3-cd)pyrene
Concen: 32.949 ng
RT: 25.67 min Scan# 3857
Delta R.T. -0.02 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion:276 Resp: 3291517
Ion Ratio Lower Upper
276 100
138 22.9 19.5 29.3
277 25.2 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: BM017248.D
Acq: 20 Oct 2018 03:36

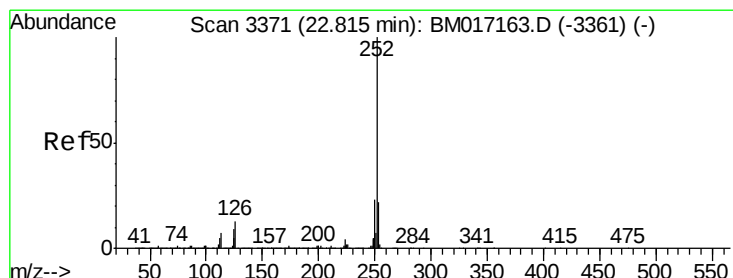
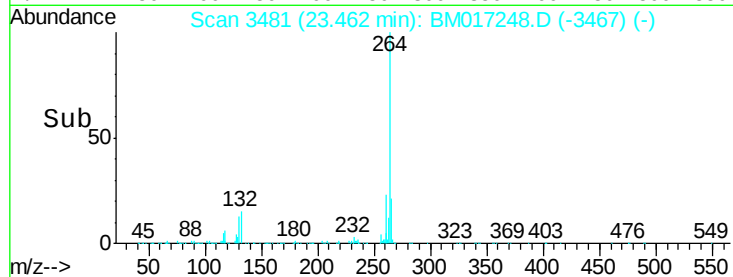
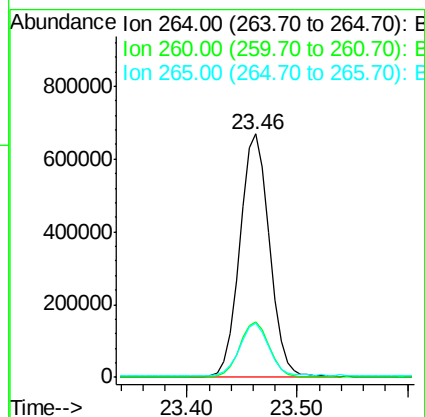
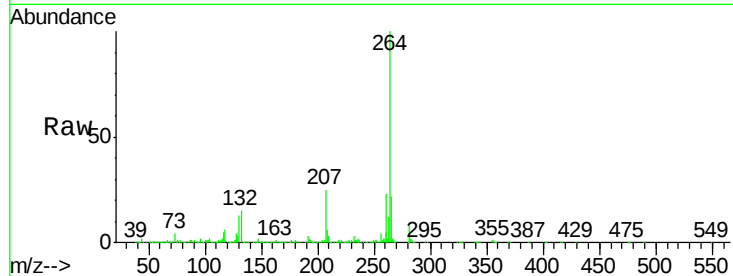
Instrument :
BNA_M
ClientSampleId :
PB113966BS

Tgt Ion: 264 Resp: 1269413

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	22.1	17.8	26.8

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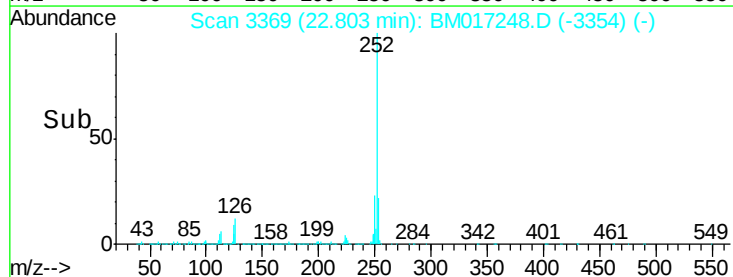
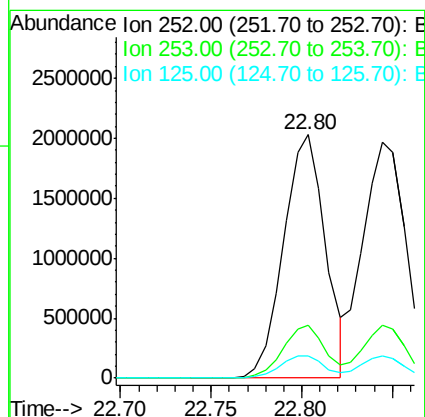
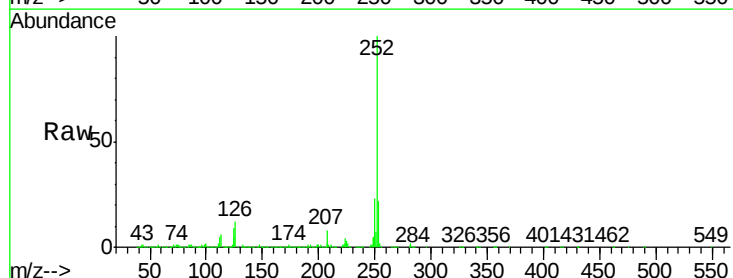
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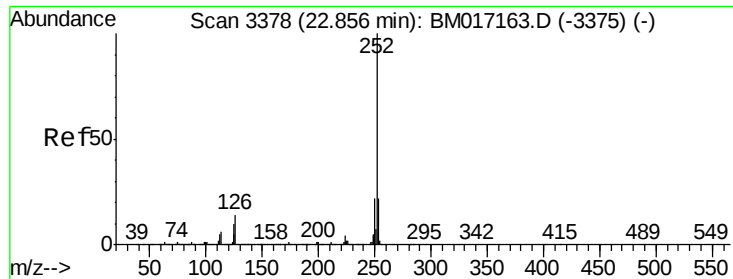


#88
Benzo(b)fluoranthene
Concen: 47.090 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017248.D
Acq: 20 Oct 2018 03:36

Tgt Ion: 252 Resp: 3268218

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.2	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 46.719 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

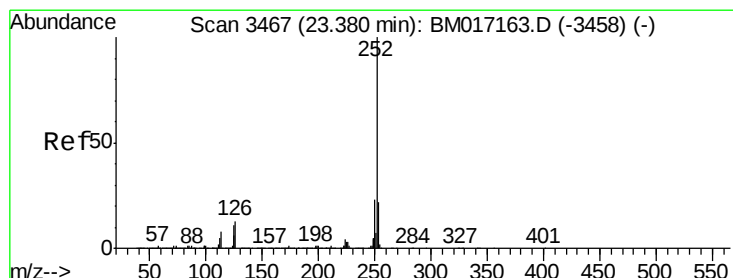
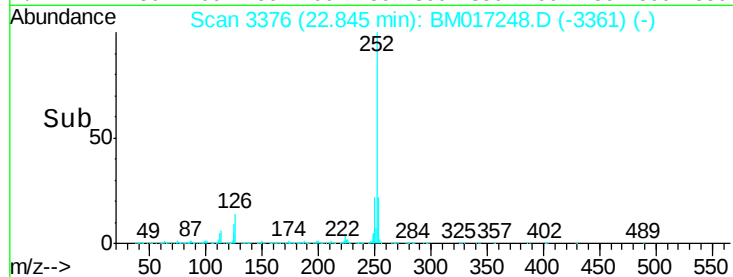
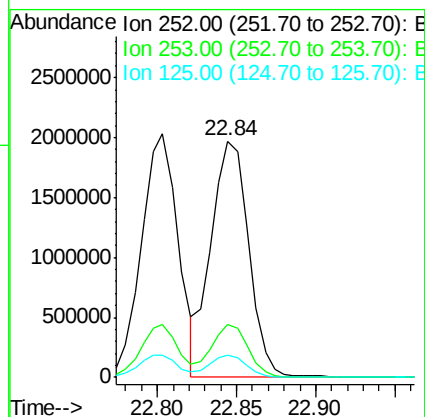
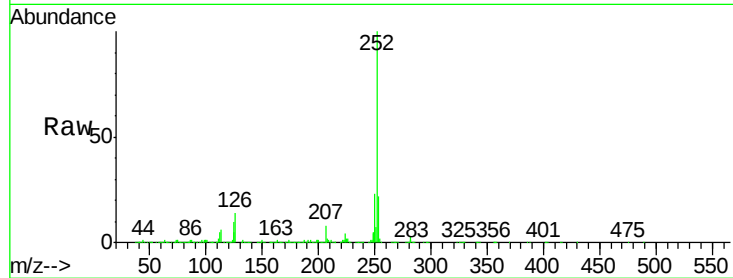
ClientSampleId :

PB113966BS

Tgt Ion:	252	Resp:	3253554
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.5	8.2	12.2

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#90

Benzo(a)pyrene

Concen: 46.003 ng

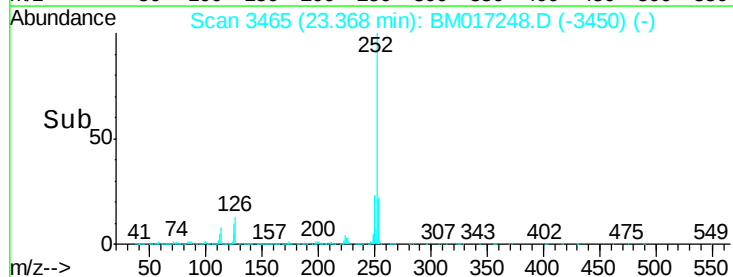
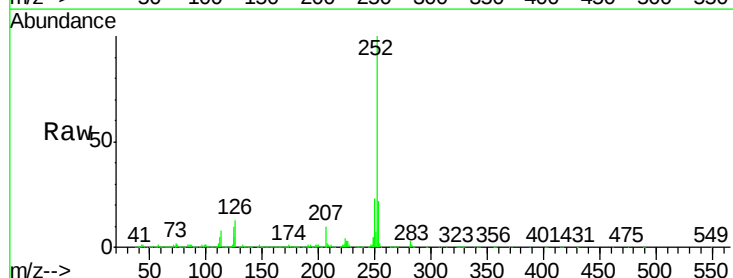
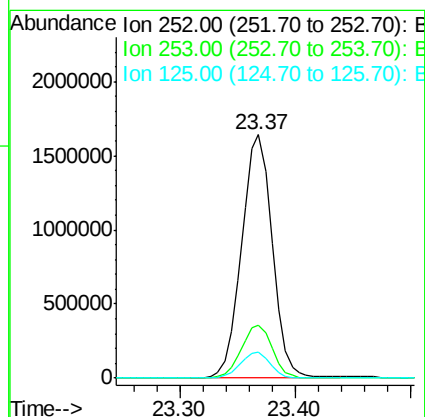
RT: 23.37 min Scan# 3465

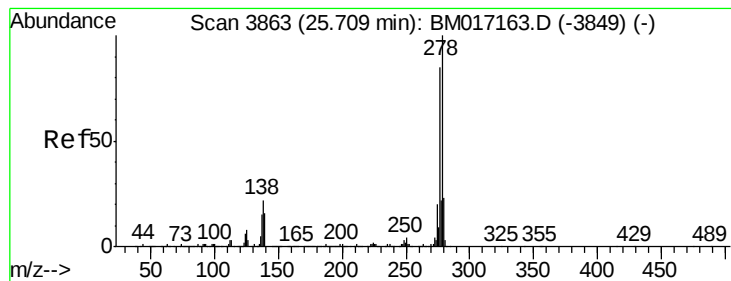
Delta R.T. -0.01 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Tgt Ion:	252	Resp:	3031431
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.5	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 42.486 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

Instrument :

BNA_M

ClientSampleId :

PB113966BS

Tgt Ion: 278 Resp: 2779953

Ion Ratio Lower Upper

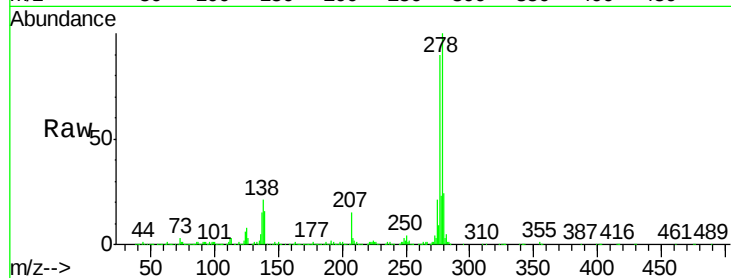
278 100

139 15.9 12.7 19.1

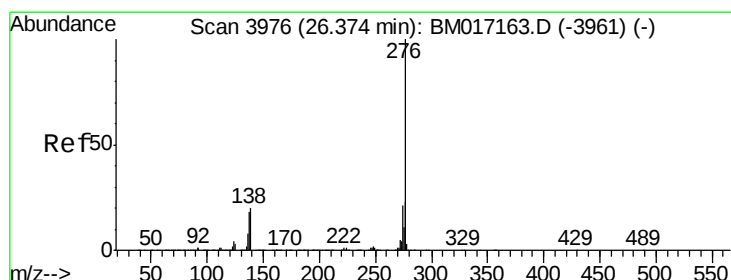
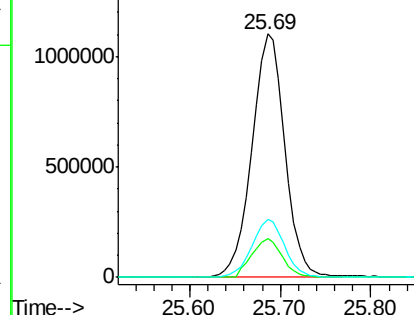
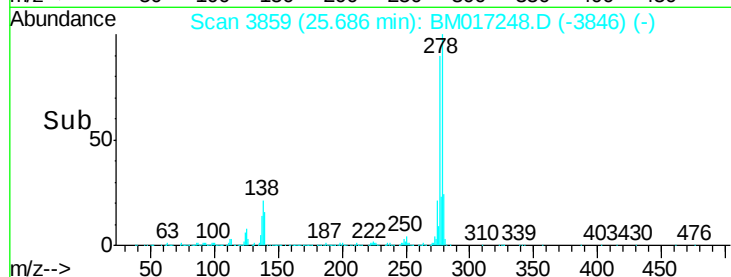
279 23.6 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:31 PM



Abundance Ion 278.00 (277.70 to 278.70): E
1500000
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.559 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017248.D

Acq: 20 Oct 2018 03:36

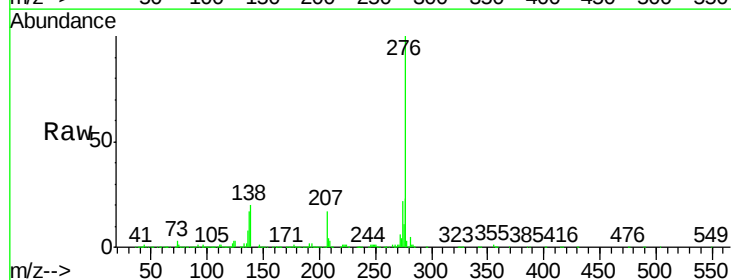
Tgt Ion: 276 Resp: 2760024

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 19.7 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E
1200000
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

