

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017249.D
 Acq On : 20 Oct 2018 04:12
 Operator : MJ/SJ
 Sample : PB113953BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

Manual Integrations
 APPROVED

Sohil
 10/22/2018 1:09:34 PM

Quant Time: Oct 20 06:50:34 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	392118	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1724849	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	990724	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	2059784	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1758928	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1407948	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	3644238	157.19	ng	0.00
7) Phenol-d6	6.86	99	4867338	154.15	ng	0.00
23) Nitrobenzene-d5	8.82	82	2401935	81.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1885089	140.70	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	5732705	76.99	ng	-0.01
79) Terphenyl-d14	19.70	244	6835124	87.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	324602	27.419	ng	87
3) Pyridine	3.65	79	968151	35.542	ng	# 86
4) n-Nitrosodimethylamine	3.56	42	454141	41.530	ng	# 74
6) Aniline	7.01	93	1589850	40.255	ng	97
8) 2-Chlorophenol	7.24	128	1233993	46.008	ng	97
9) Benzaldehyde	6.82	77	658653	32.715	ng	98
10) Phenol	6.88	94	1517601	44.658	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	1068841	39.455	ng	99
12) 1,3-Dichlorobenzene	7.55	146	1240629	39.680	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1265506	39.617	ng	99
14) 1,2-Dichlorobenzene	8.01	146	1218693	39.597	ng	98
15) Benzyl Alcohol	7.91	79	1064781	46.135	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1449829	38.308	ng	100
17) 2-Methylphenol	8.11	107	1024102	46.951	ng	98
18) Hexachloroethane	8.73	117	449785	41.144	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	882713	42.456	ng	98
20) 3+4-Methylphenols	8.44	107	1391413	46.640	ng	98
22) Acetophenone	8.49	105	1745009	39.911	ng	# 99
24) Nitrobenzene	8.86	77	1302792	41.762	ng	95
25) Isophorone	9.39	82	2349658	48.248	ng	98
26) 2-Nitrophenol	9.56	139	659138	45.486	ng	98
27) 2,4-Dimethylphenol	9.63	122	1153421	53.563	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1509891	44.050	ng	99
29) 2,4-Dichlorophenol	10.09	162	1180610	47.220	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	1195870	39.871	ng	99
31) Naphthalene	10.49	128	3634834	43.002	ng	99
32) Benzoic acid	9.80	122	751218	46.754	ng	93
33) 4-Chloroaniline	10.61	127	722807	19.799	ng	98
34) Hexachlorobutadiene	10.77	225	729276	38.374	ng	98
35) Caprolactam	11.41	113	334115m	36.668	ng	
36) 4-Chloro-3-methylphenol	11.74	107	1230879	43.675	ng	97
37) 2-Methylnaphthalene	12.11	142	2701111	46.698	ng	99
38) 1-Methylnaphthalene	12.33	142	2584776	45.913	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1395850	40.007	ng	99

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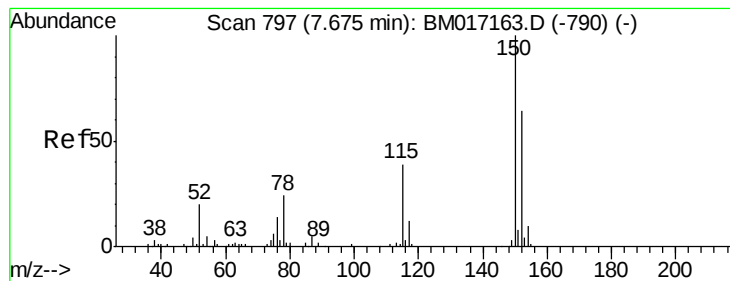
Manual Integrations
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 10/22/2018 1:09:34 PM

Quant Time: Oct 20 06:50:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	2052658	121.697	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	940298	46.426	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	1003580	46.208	ng	99
46) 1,1'-Biphenyl	13.13	154	3413340	38.285	ng	99
47) 2-Chloronaphthalene	13.17	162	2643745	40.308	ng	98
48) 2-Nitroaniline	13.39	65	756067	41.655	ng	95
49) Acenaphthylene	14.03	152	4285006	45.072	ng	100
50) Dimethylphthalate	13.78	163	3183893	41.655	ng	100
51) 2,6-Dinitrotoluene	13.90	165	718988	42.738	ng	99
52) Acenaphthene	14.37	154	2465336	41.301	ng	98
53) 3-Nitroaniline	14.23	138	469373	25.761	ng	100
54) 2,4-Dinitrophenol	14.43	184	840198	84.605	ng	98
55) Dibenzofuran	14.71	168	3931833	39.609	ng	99
56) 4-Nitrophenol	14.55	139	1655062	98.509	ng	96
57) 2,4-Dinitrotoluene	14.69	165	962966	42.589	ng	97
58) Fluorene	15.36	166	3123256	42.508	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	890798	44.996	ng	98
60) Diethylphthalate	15.15	149	3152921	41.594	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1611186	38.465	ng	96
62) 4-Nitroaniline	15.40	138	709112	36.174	ng	98
63) Azobenzene	15.66	77	3003106	40.760	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	567569	43.652	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2740569	43.977	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	1017460	44.987	ng	98
68) Hexachlorobenzene	16.36	284	1092791	41.596	ng	98
69) Atrazine	16.54	200	973187	43.633	ng	99
70) Pentachlorophenol	16.71	266	1303115	72.408	ng	100
71) Phenanthrene	17.10	178	4737429	42.629	ng	99
72) Anthracene	17.19	178	4829158	45.733	ng	99
73) Carbazole	17.47	167	4166224	38.624	ng	100
74) Di-n-butylphthalate	18.03	149	4973515	43.716	ng	100
75) Fluoranthene	19.12	202	5118872	40.934	ng	98
77) Benzidine	19.32	184	2699468	60.526	ng	99
78) Pyrene	19.49	202	5085921	51.735	ng	100
80) Butylbenzylphthalate	20.40	149	1997377	52.587	ng	97
81) Benzo(a)anthracene	21.24	228	4442427	44.881	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	996129	27.002	ng	99
83) Chrysene	21.29	228	4124891	42.103	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2721024	47.591	ng	100
85) Di-n-octyl phthalate	22.05	149	4207153	43.924	ng	99
86) Indeno(1,2,3-cd)pyrene	25.68	276	3591876	32.778	ng	99
88) Benzo(b)fluoranthene	22.80	252	3780836	49.116	ng	100
89) Benzo(k)fluoranthene	22.84	252	3460416	44.800	ng	99
90) Benzo(a)pyrene	23.37	252	3363711	46.023	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3031886	41.777	ng	98
92) Benzo(g,h,i)perylene	26.35	276	3002980	41.749	ng	99

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



#1

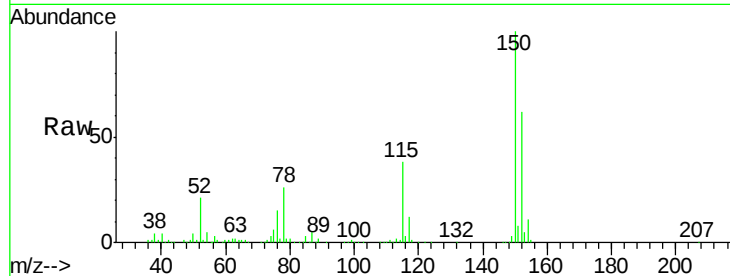
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampled :
PB113953BS

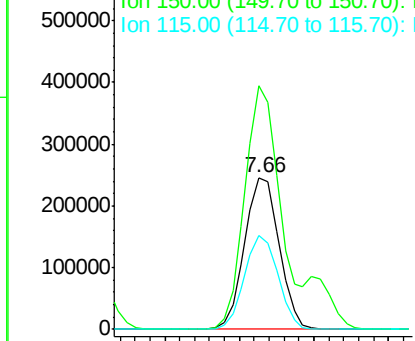
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.3	186.5
115	61.7	48.1	72.1

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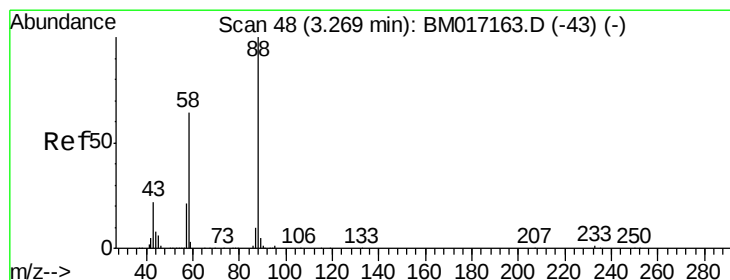
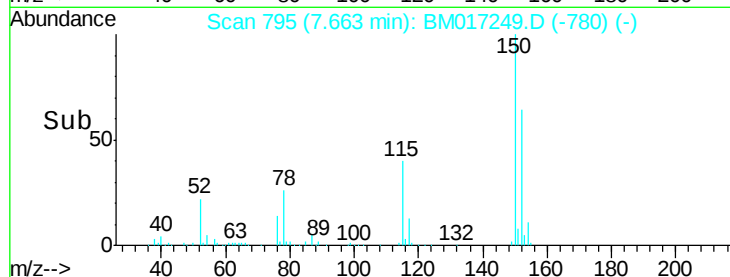
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



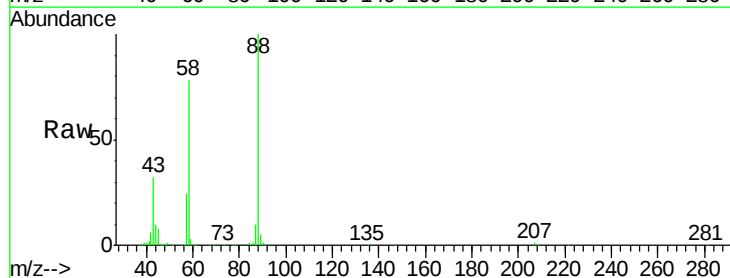
Time-->



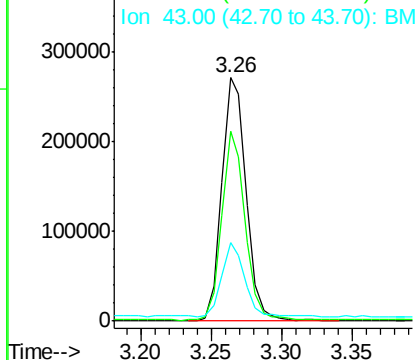
#2

1,4-Dioxane
Concen: 27.419 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

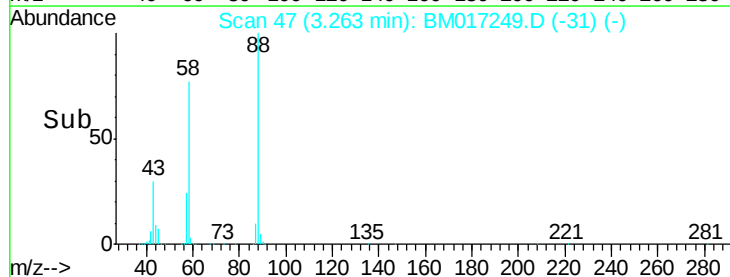
Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	50.2	75.4
43	28.1	19.3	28.9

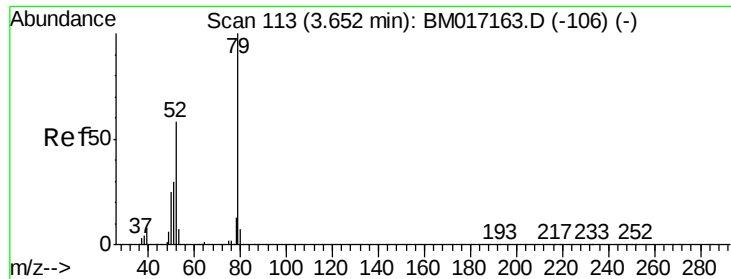


Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0



Time-->





#3

Pyridine

Concen: 35.542 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

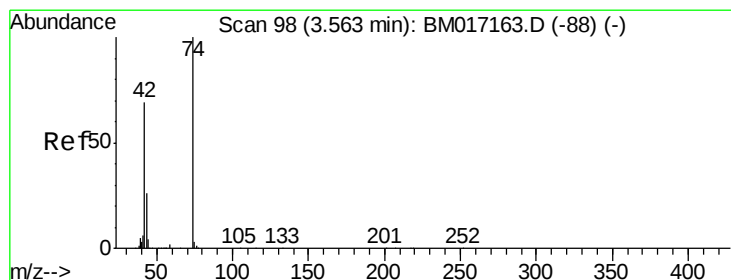
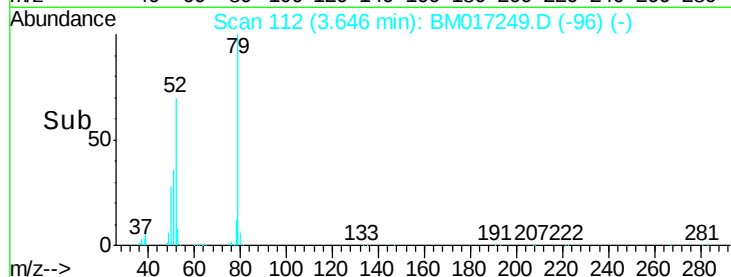
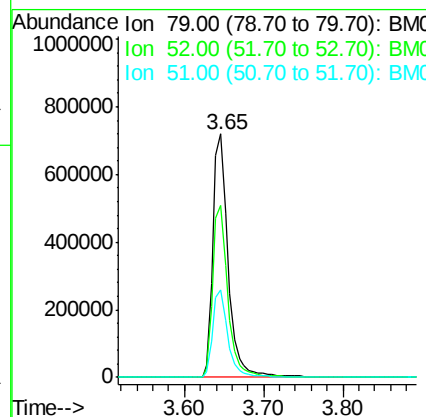
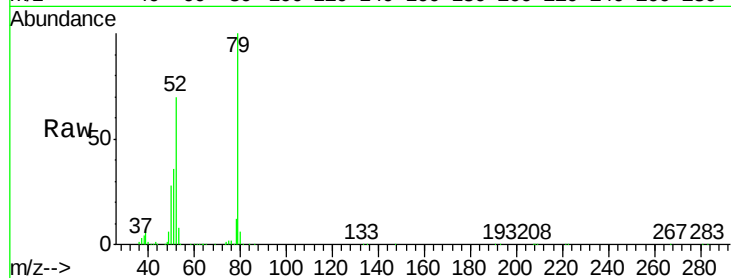
ClientSampleId :

PB113953BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	70.5	46.5	69.7#
51	35.9	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 41.530 ng

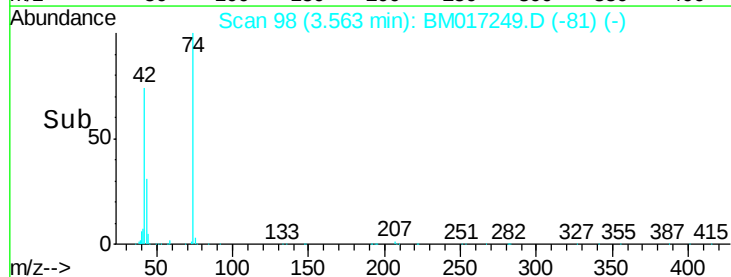
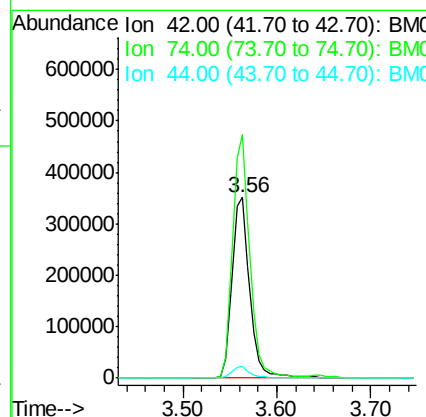
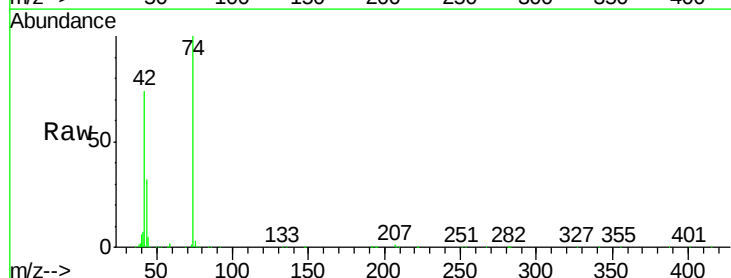
RT: 3.56 min Scan# 98

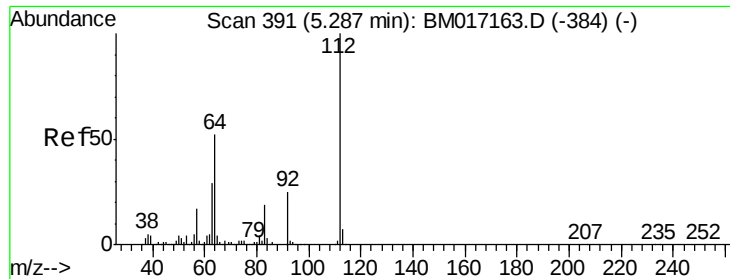
Delta R.T. -0.00 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.0	114.4	171.6
44	6.7	48.6	73.0#





#5

2-Fluorophenol

Concen: 157.188 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion: 112 Resp: 3644238

Ion Ratio Lower Upper

112 100

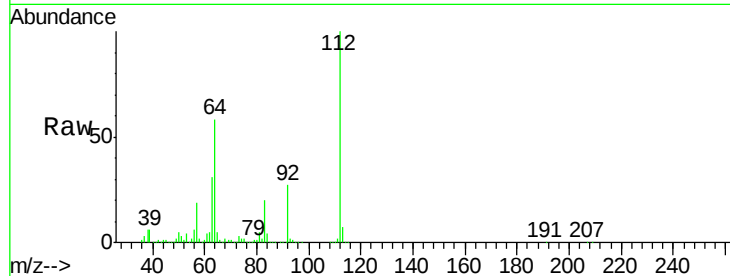
64 58.4 41.7 62.5

63 30.6 23.0 34.4

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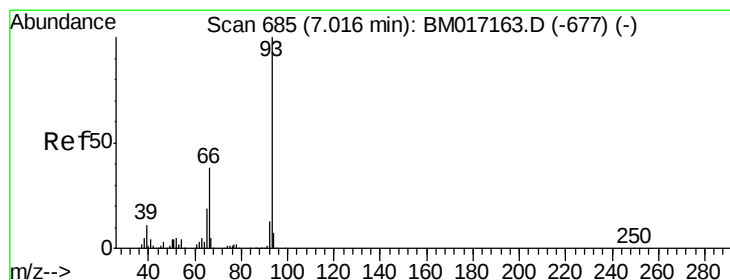
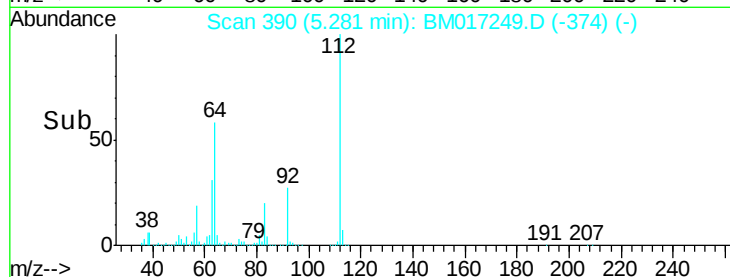
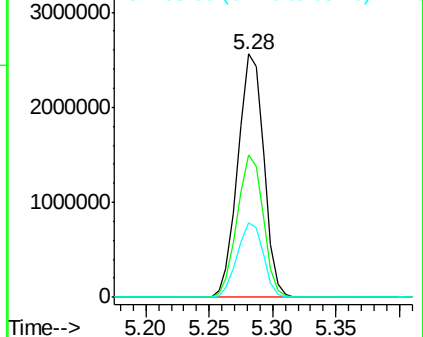
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 40.255 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

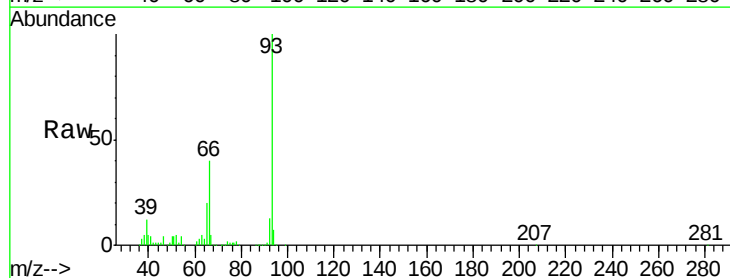
Tgt Ion: 93 Resp: 1589850

Ion Ratio Lower Upper

93 100

66 39.9 30.4 45.6

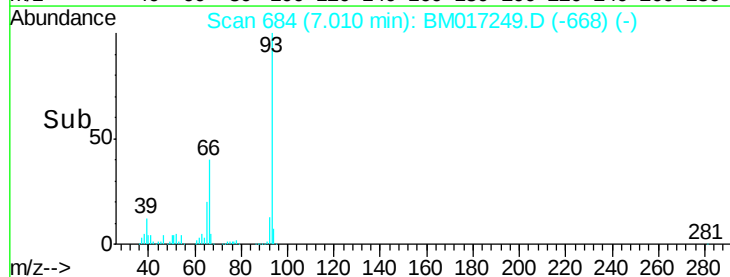
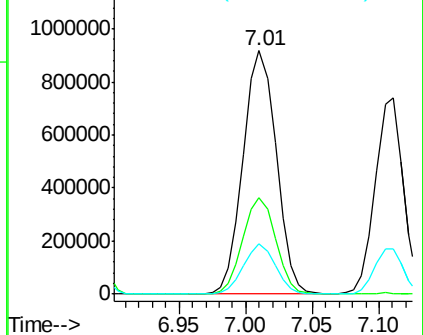
65 20.4 15.3 22.9

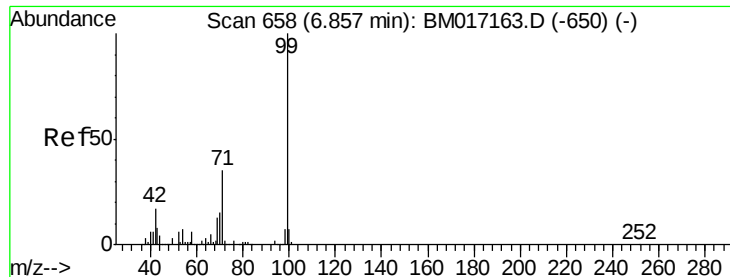


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 154.151 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion: 99 Resp: 4867338

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

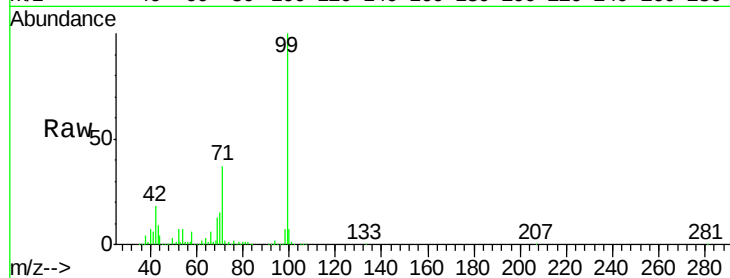
71 36.5 28.0 42.0

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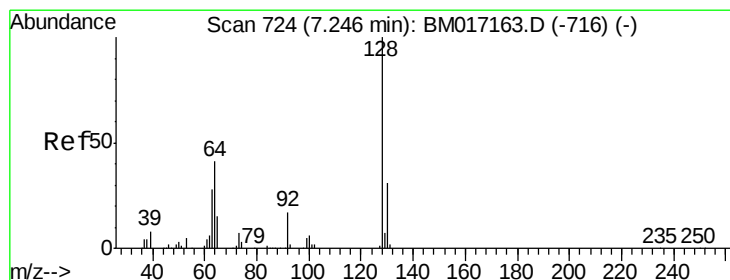
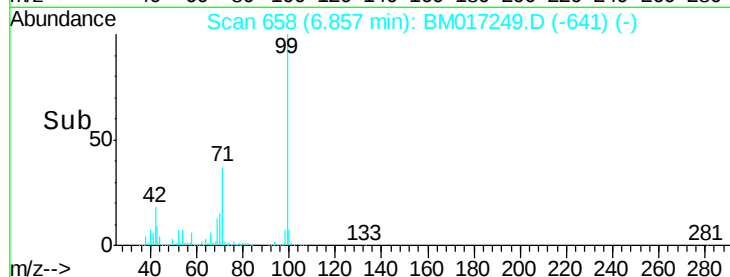
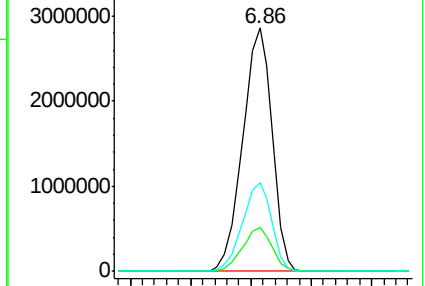
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Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

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: 46.008 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

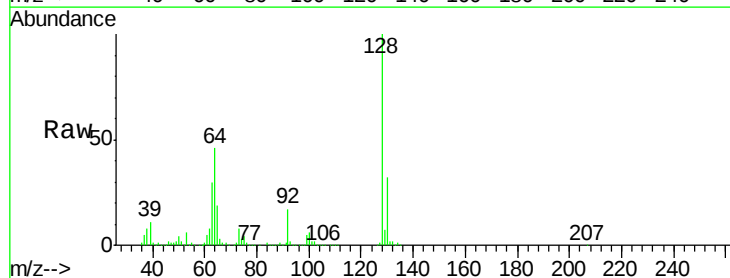
Tgt Ion: 128 Resp: 1233993

Ion Ratio Lower Upper

128 100

130 32.4 11.0 51.0

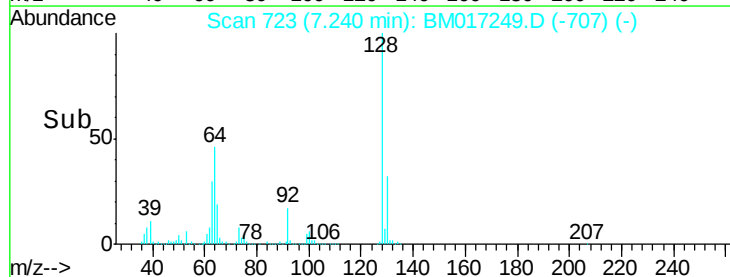
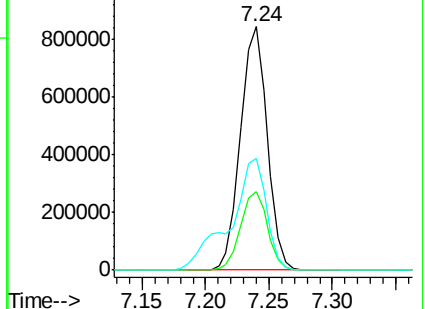
64 45.7 24.1 64.1

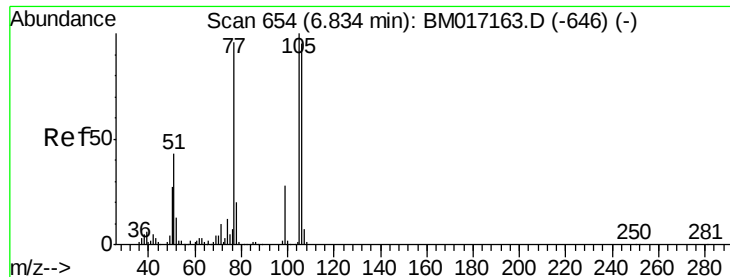


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

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: 32.715 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

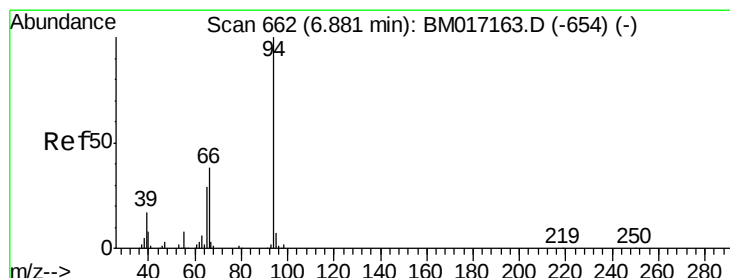
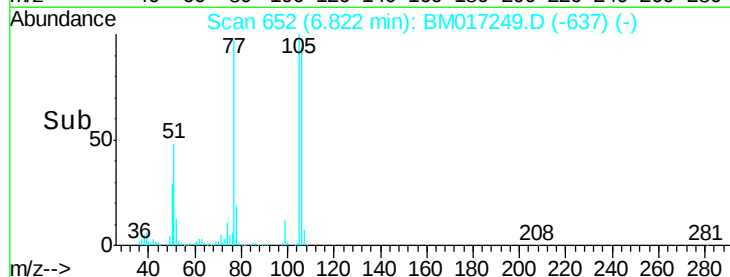
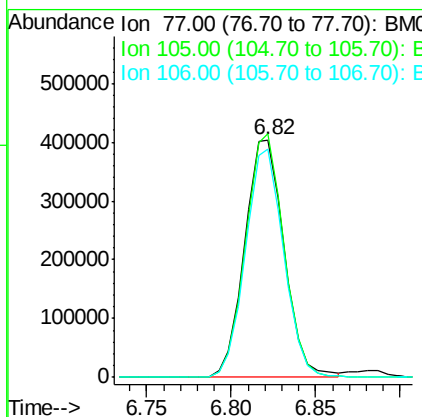
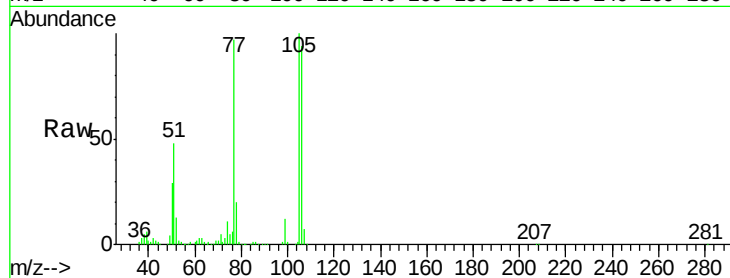
ClientSampleId :

PB113953BS

Tgt Ion: 77 Resp: 658653
 Ion Ratio Lower Upper
 77 100
 105 102.6 83.9 123.9
 106 96.0 78.2 118.2

Manual Integrations
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#10

Phenol

Concen: 44.658 ng

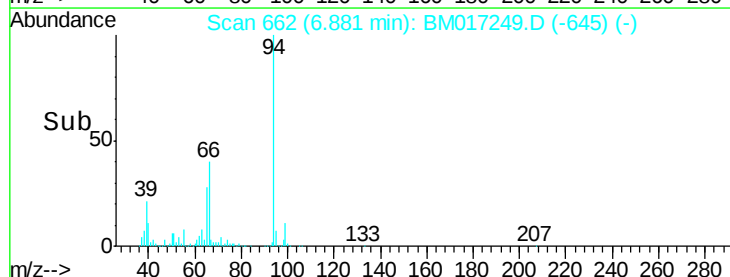
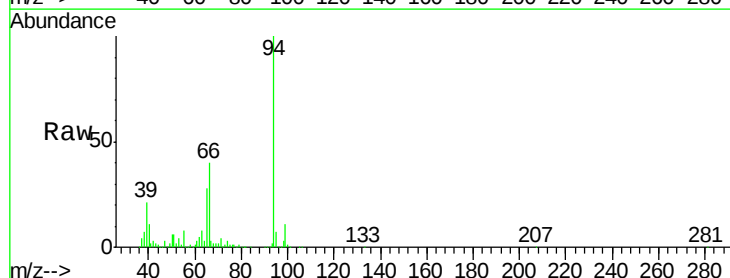
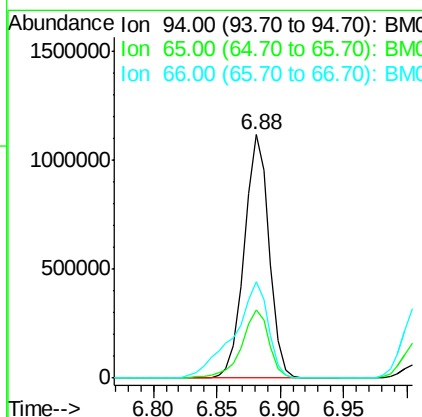
RT: 6.88 min Scan# 662

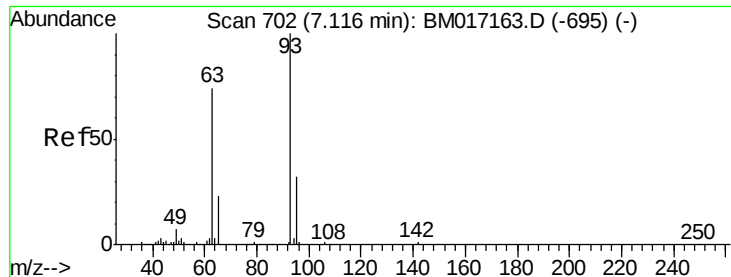
Delta R.T. -0.00 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion: 94 Resp: 1517601
 Ion Ratio Lower Upper
 94 100
 65 28.2 9.4 49.4
 66 39.9 19.0 59.0





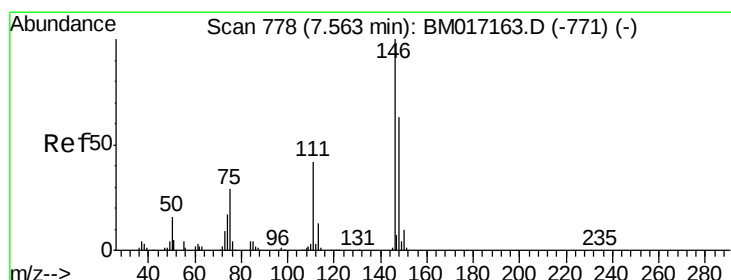
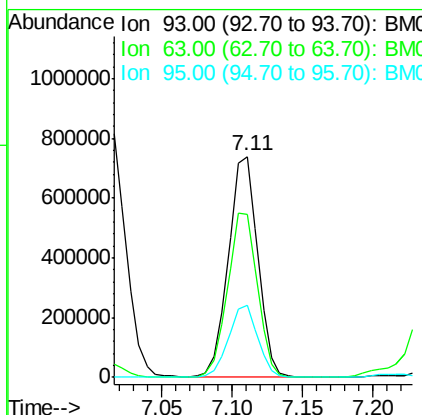
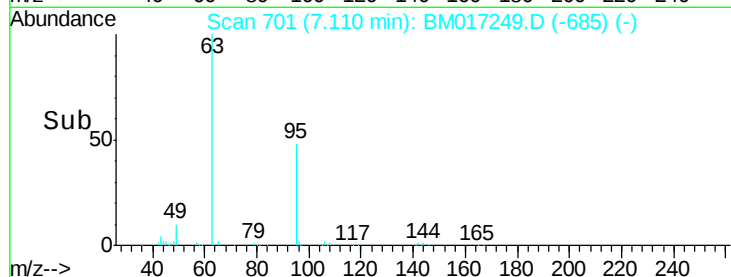
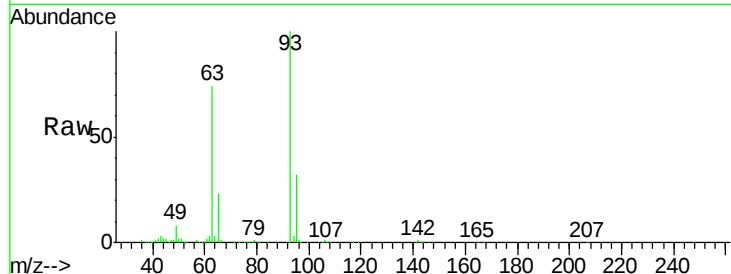
#11
bis(2-Chloroethyl)ether
Concen: 39.455 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion: 93 Resp: 1068841
Ion Ratio Lower Upper
93 100
63 73.6 54.0 94.0
95 32.5 11.8 51.8

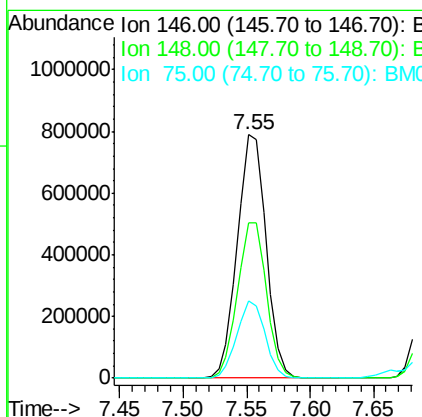
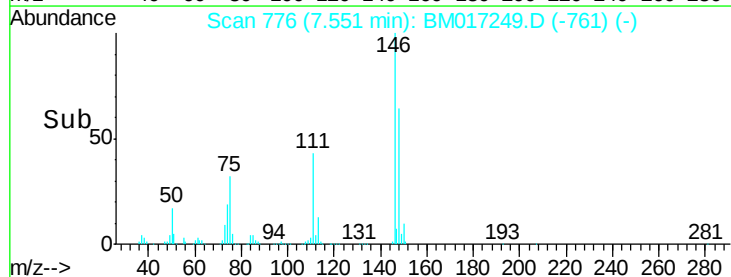
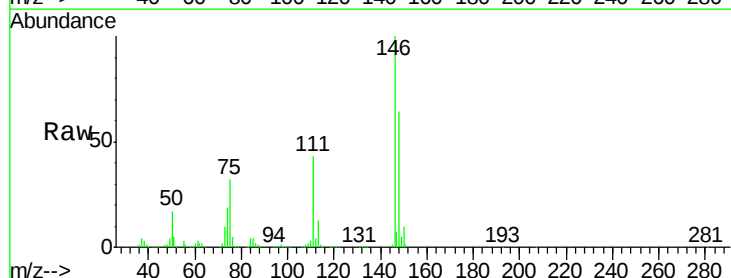
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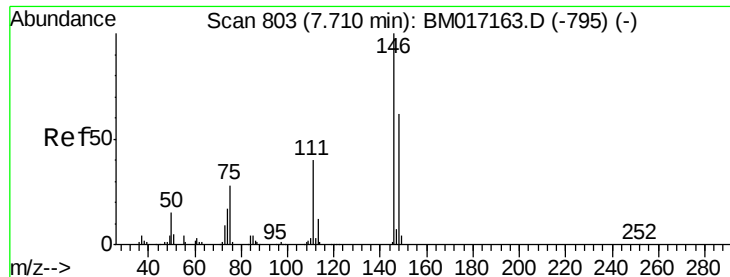
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#12
1,3-Dichlorobenzene
Concen: 39.680 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion: 146 Resp: 1240629
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.4
75 31.6 23.3 34.9





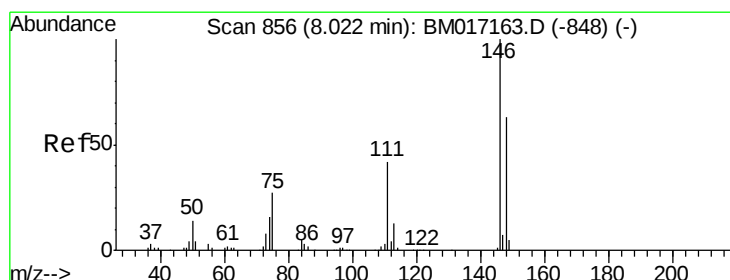
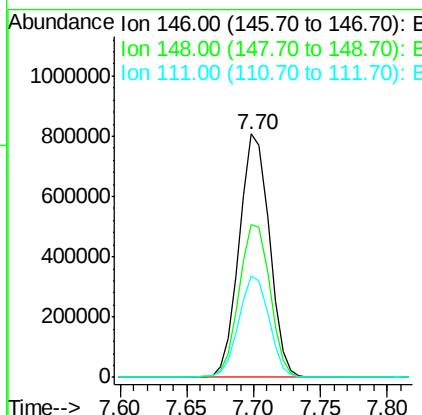
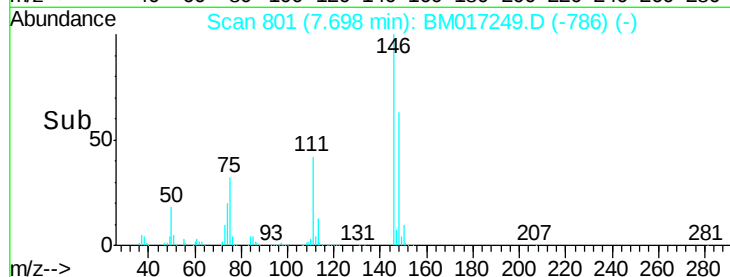
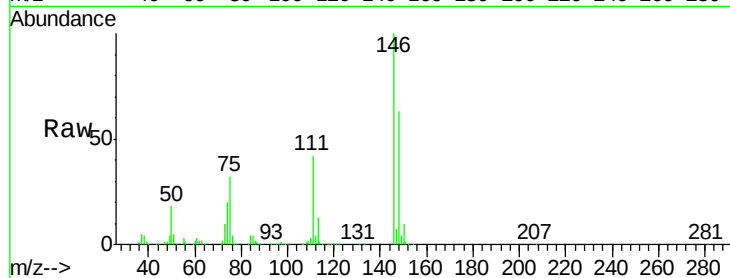
#13
 1,4-Dichlorobenzene
 Concen: 39.617 ng
 RT: 7.70 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

Tgt Ion:146 Resp: 1265506
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.8 74.6
 111 41.7 32.1 48.1

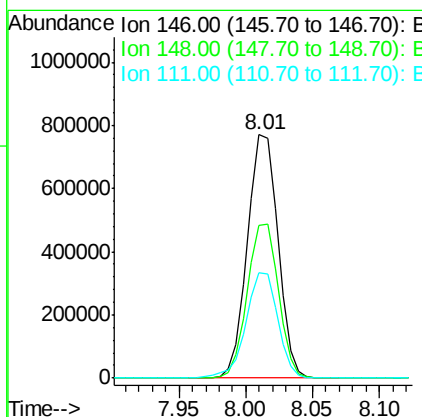
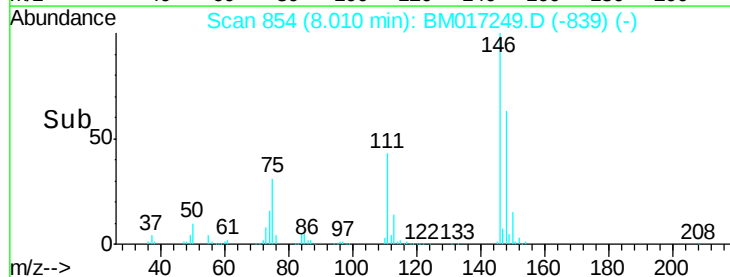
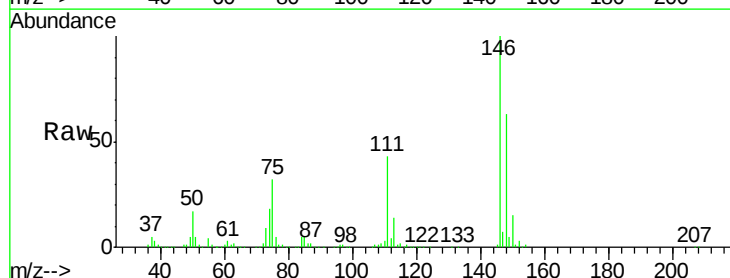
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#14
 1,2-Dichlorobenzene
 Concen: 39.597 ng
 RT: 8.01 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:146 Resp: 1218693
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.8 76.2
 111 43.5 33.8 50.6





#15

Benzyl Alcohol

Concen: 46.135 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion: 79 Resp: 1064781

Ion Ratio Lower Upper

79 100

108 74.3 60.3 90.5

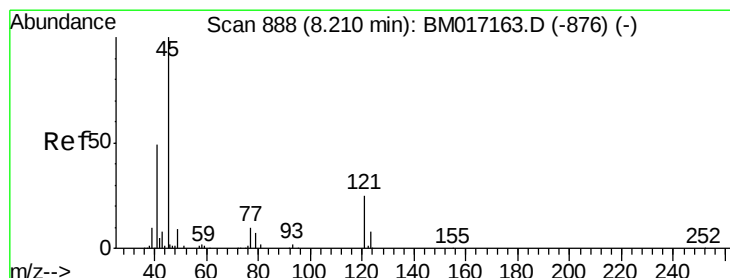
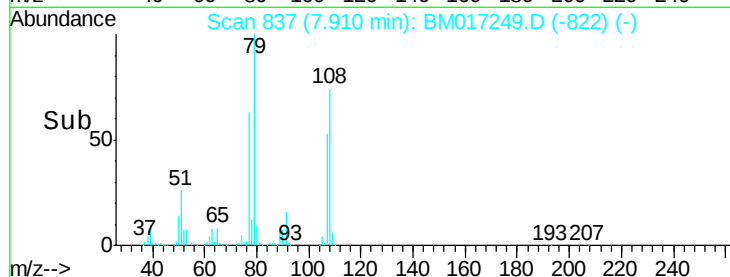
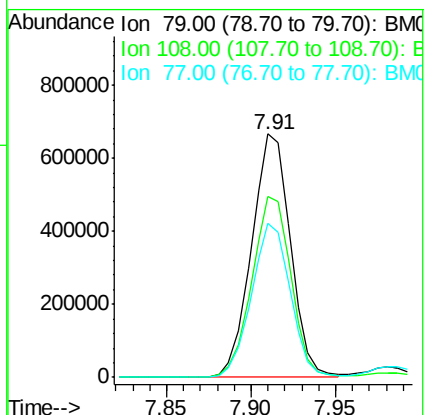
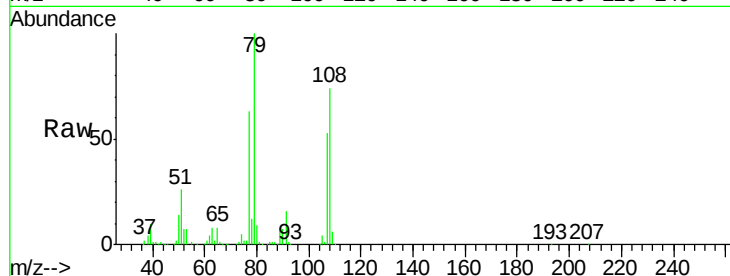
77 63.2 54.8 82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.308 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

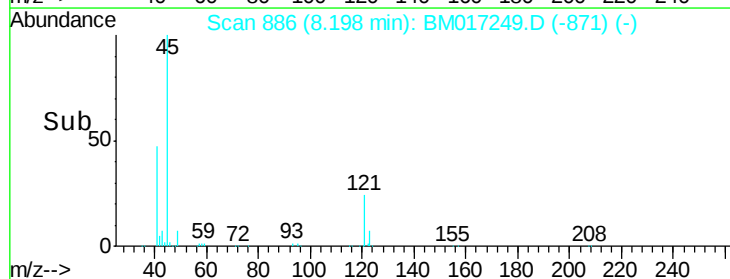
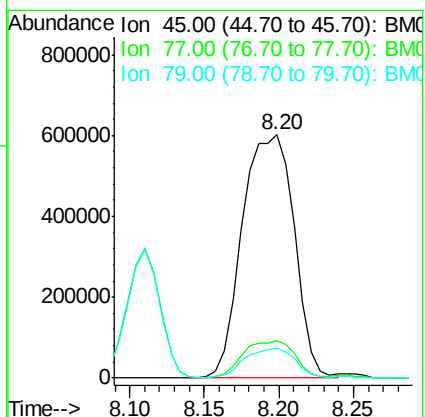
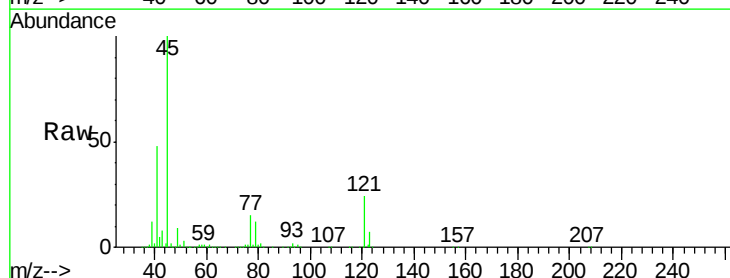
Tgt Ion: 45 Resp: 1449829

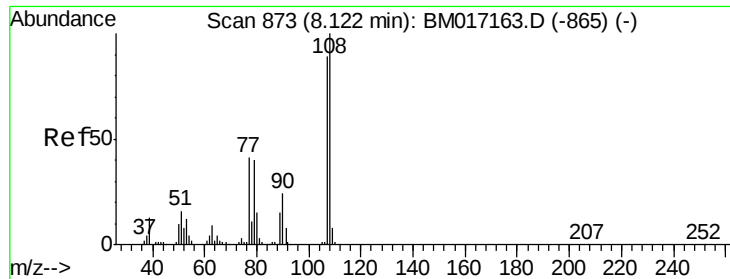
Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.5

79 12.0 0.0 32.1





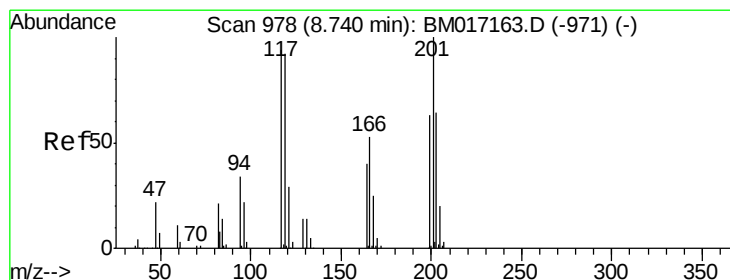
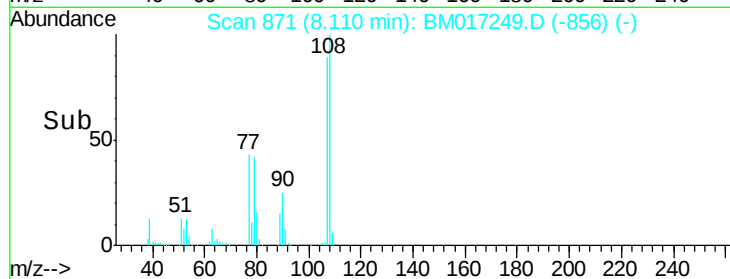
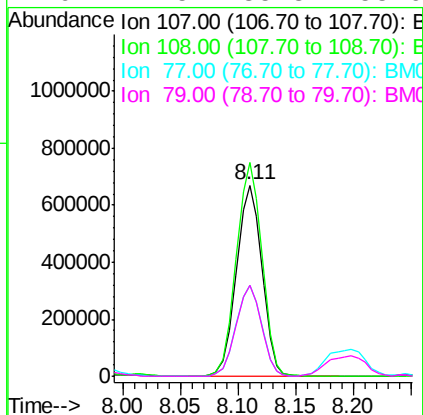
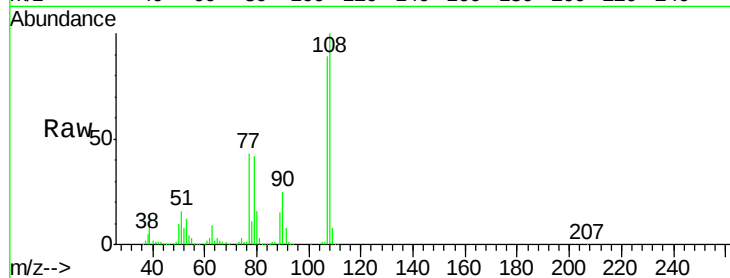
#17
2-Methylphenol
Concen: 46.951 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion:	107	Resp:	1024102
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.3	135.5
77	47.9	37.0	55.4
79	47.5	35.8	53.6

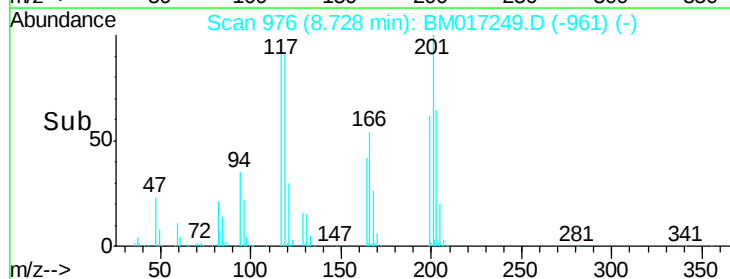
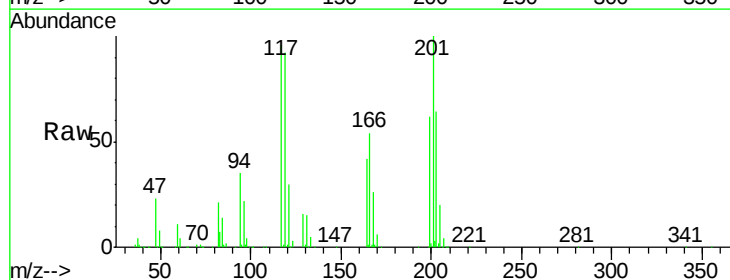
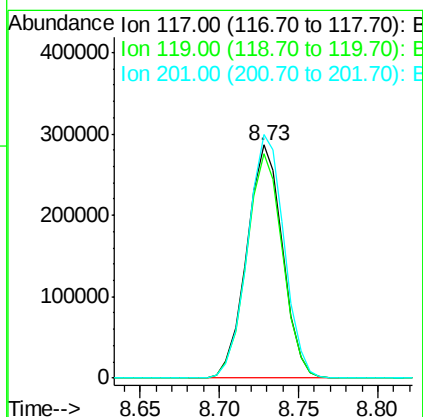
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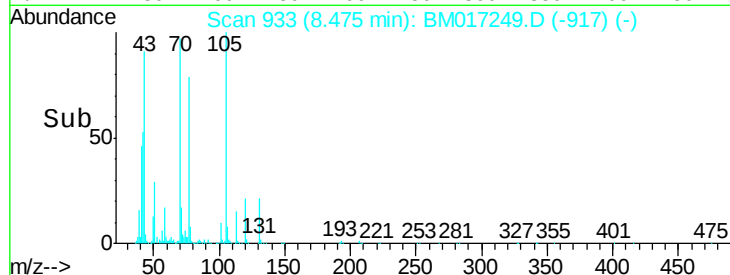
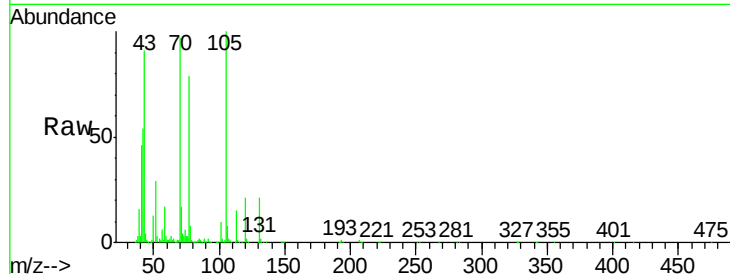
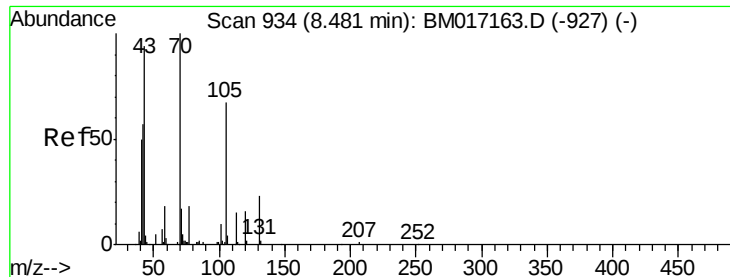
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#18
Hexachloroethane
Concen: 41.144 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:	117	Resp:	449785
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.2
201	104.5	85.3	127.9





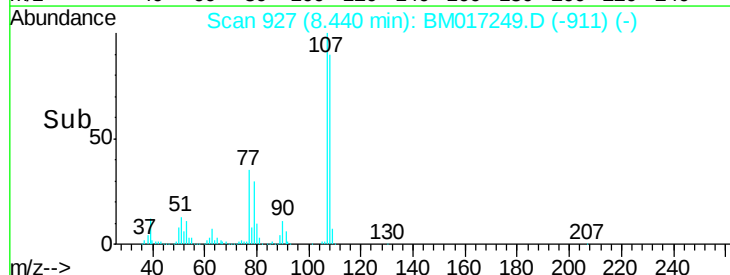
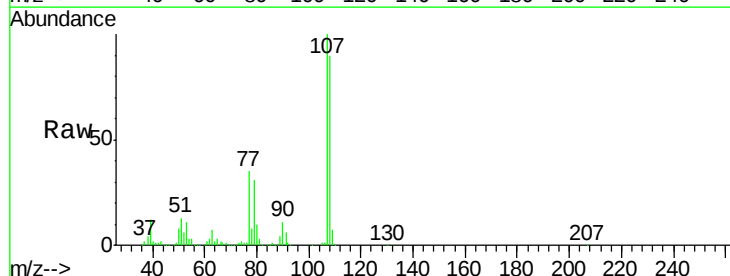
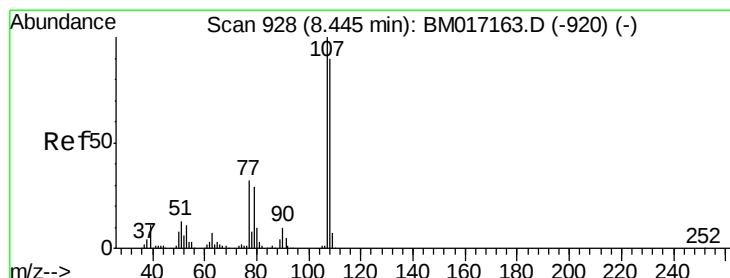
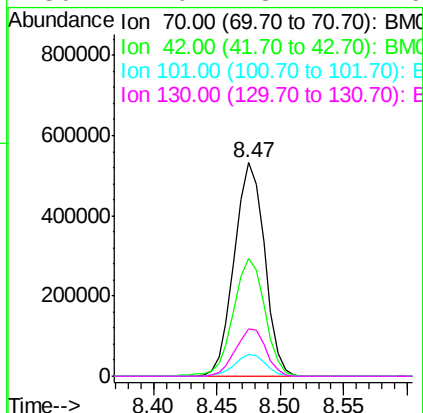
#19
n-Nitroso-di-n-propylamine
Concen: 42.456 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.4	46.1	69.1	
101	10.3	8.2	12.4	
130	22.0	18.4	27.6	

Instrument :
BNA_M
ClientSampleId :
PB113953BS

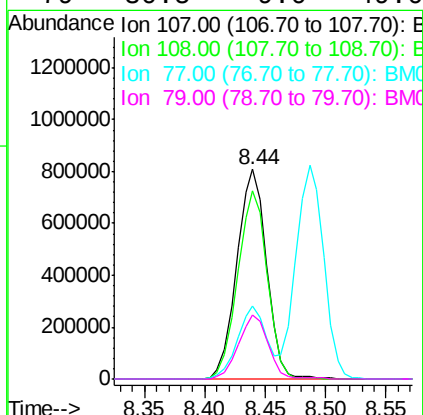
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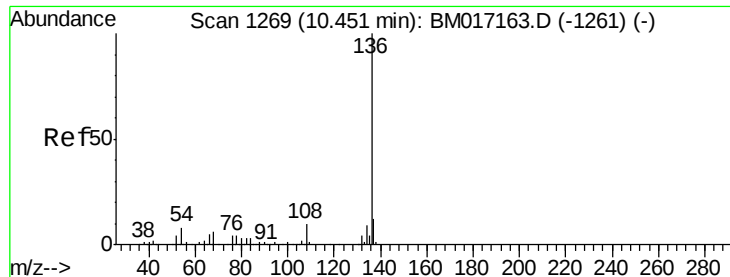
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#20
3+4-Methylphenols
Concen: 46.640 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	69.9	109.9	
77	34.6	12.2	52.2	
79	30.5	9.0	49.0	





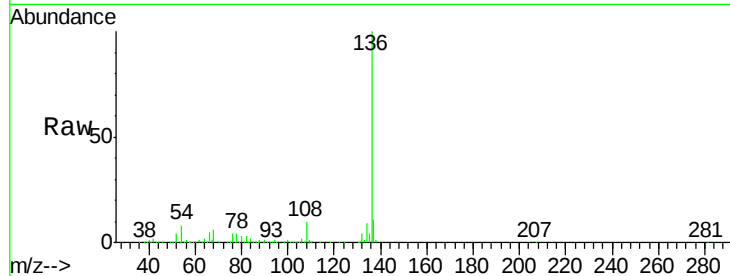
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

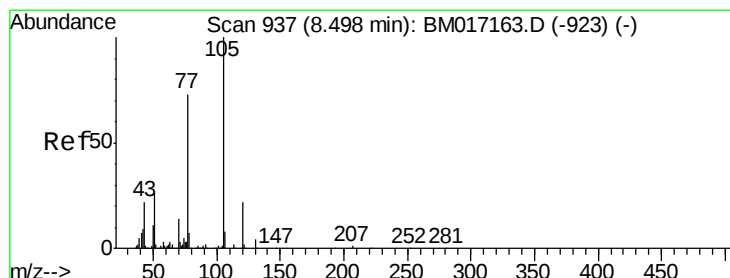
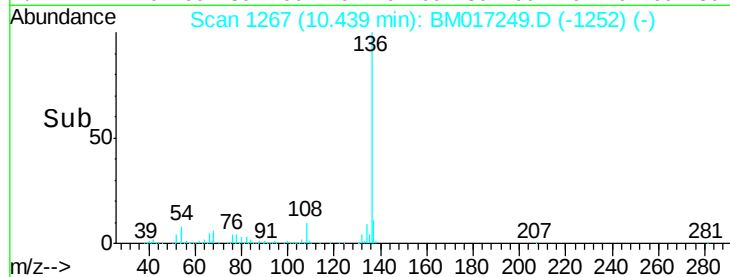
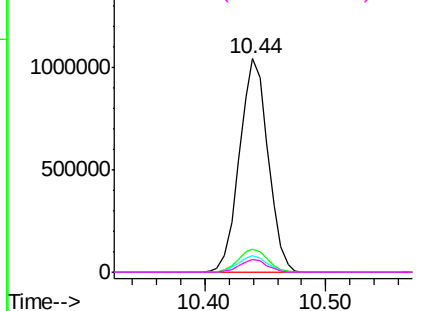
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.7	6.7	10.1
68	5.7	4.7	7.1

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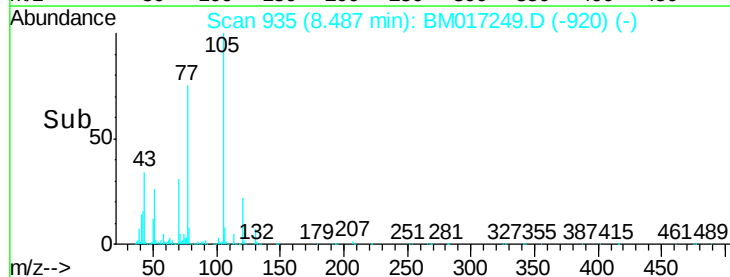
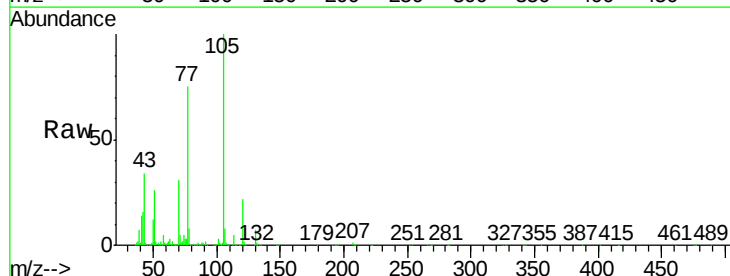
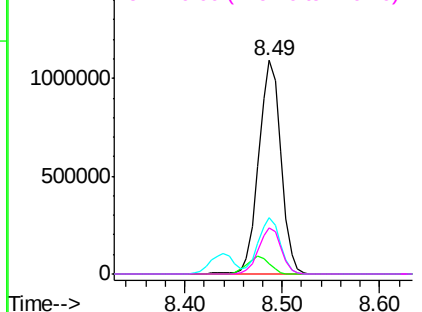
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

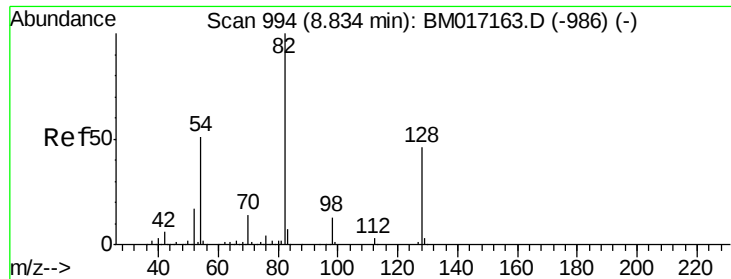


#22
Acetophenone
Concen: 39.911 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.0	2.0	3.0#
51	26.2	20.6	31.0
120	21.9	17.5	26.3

Abundance Ion 105.00 (104.70 to 105.70): E
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





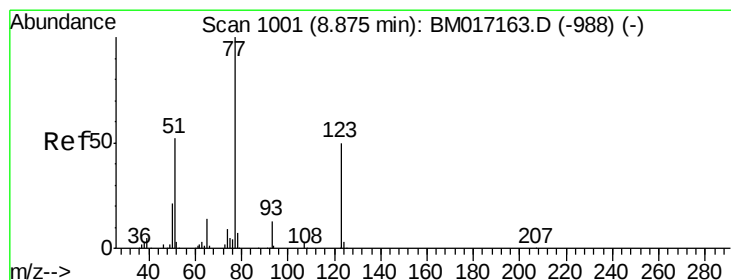
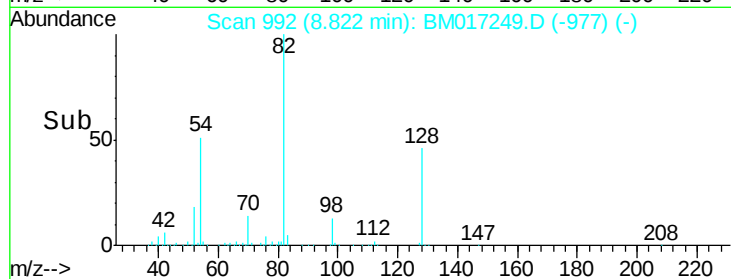
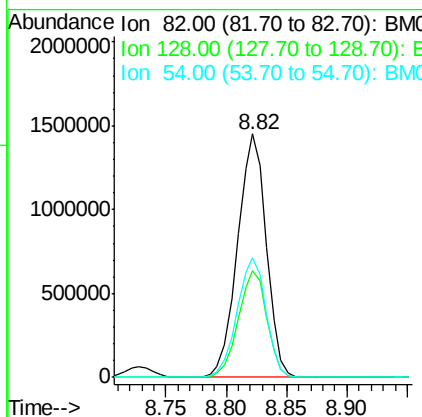
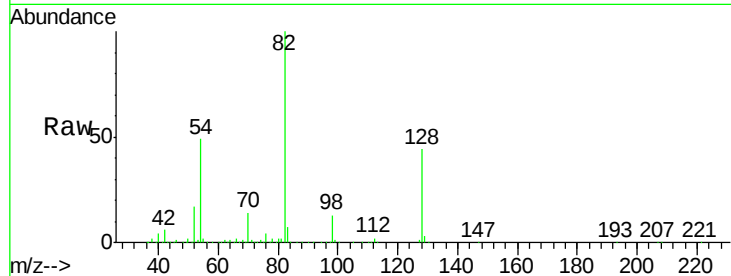
#23
Nitrobenzene-d5
Concen: 81.444 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.0	55.6
54	49.2	40.7	61.1

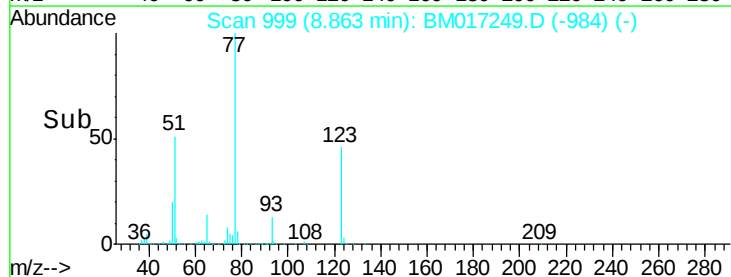
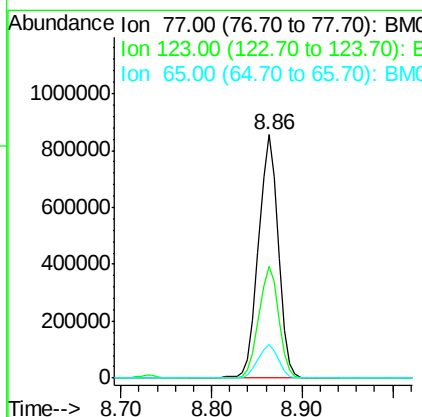
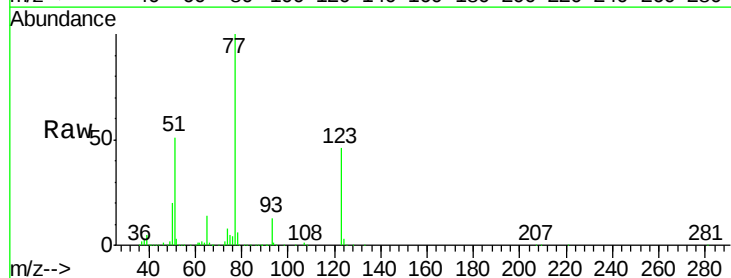
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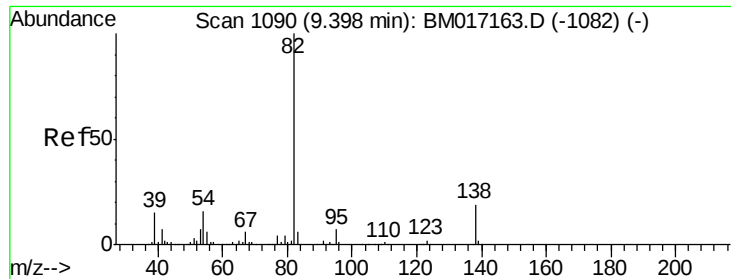
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#24
Nitrobenzene
Concen: 41.762 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	40.2	60.4
65	13.9	11.4	17.0





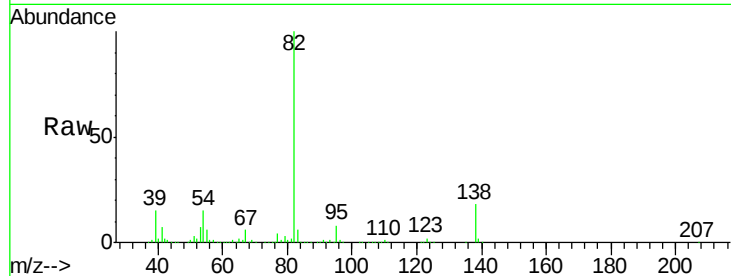
#25
Isophorone
Concen: 48.248 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

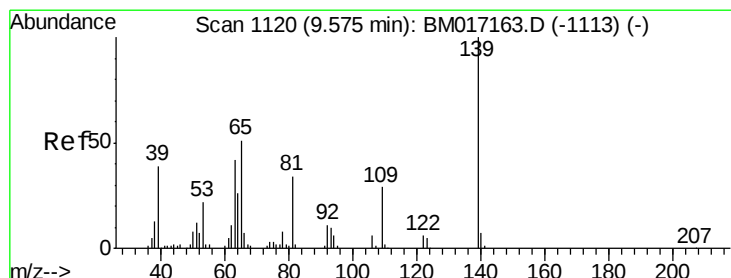
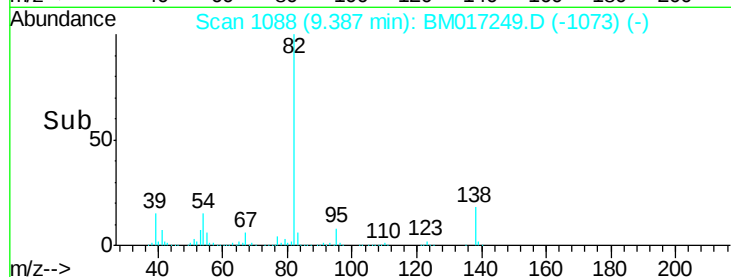
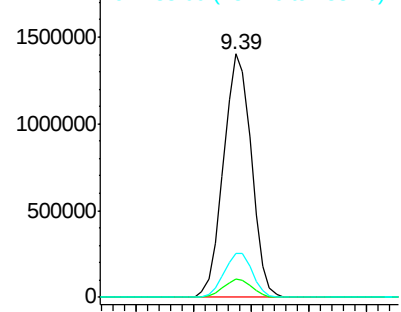
Tgt Ion: 82 Resp: 2349658
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 18.1 15.4 23.2

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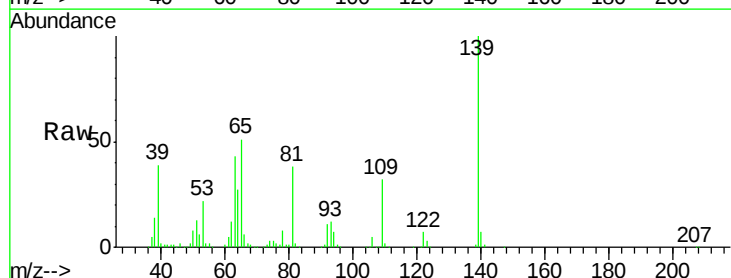


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

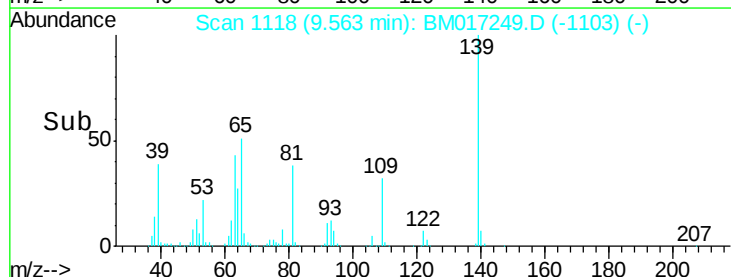
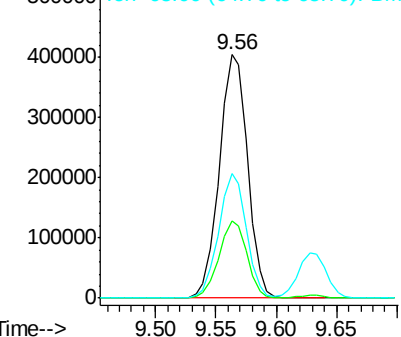


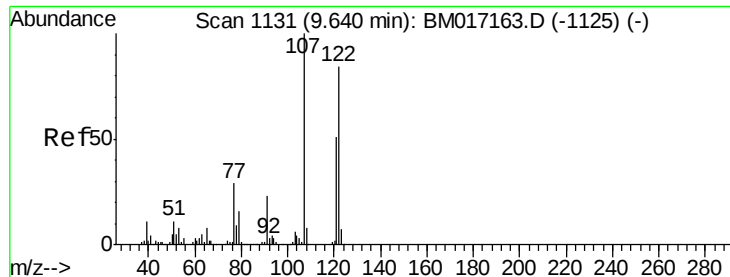
#26
2-Nitrophenol
Concen: 45.486 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion: 139 Resp: 659138
Ion Ratio Lower Upper
139 100
109 31.8 23.2 34.8
65 51.3 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





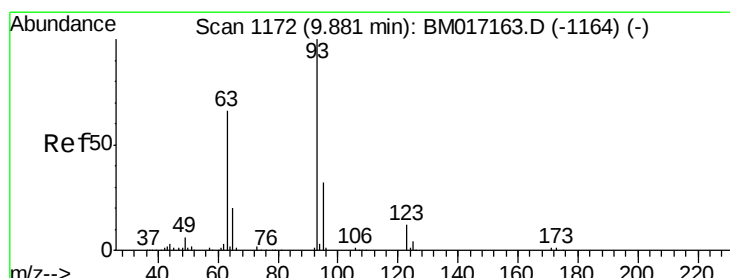
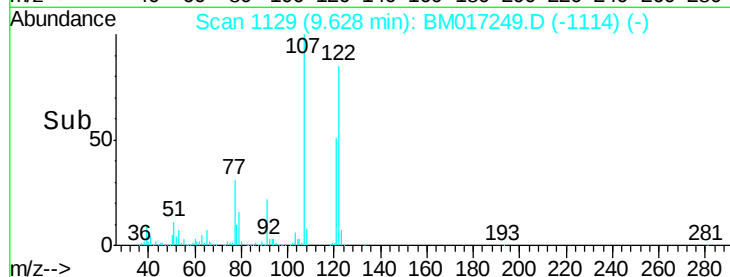
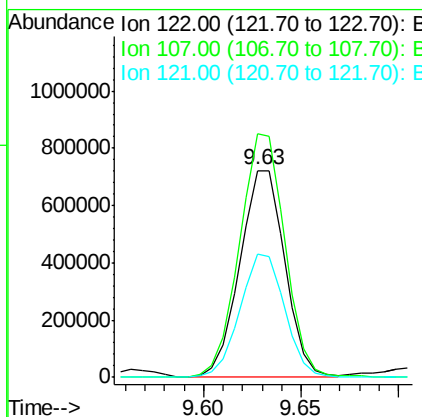
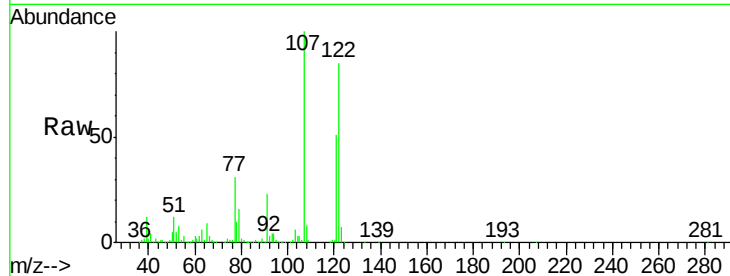
#27
2,4-Dimethylphenol
Concen: 53.563 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.6	95.0	142.6
121	59.6	48.2	72.4

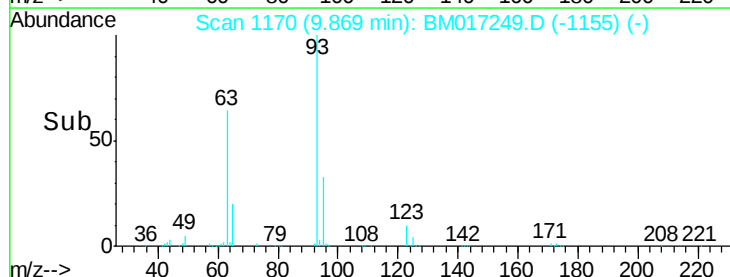
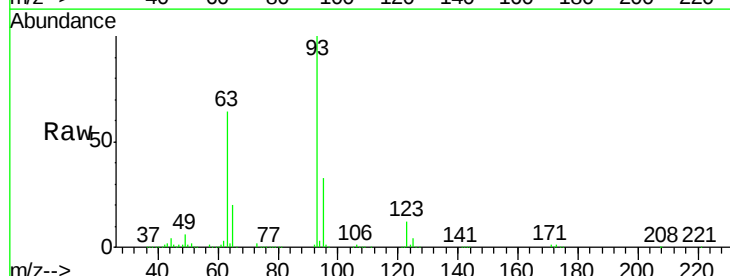
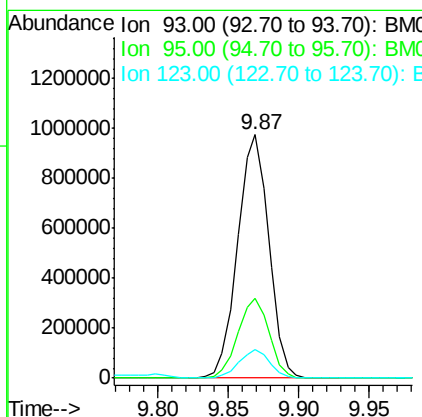
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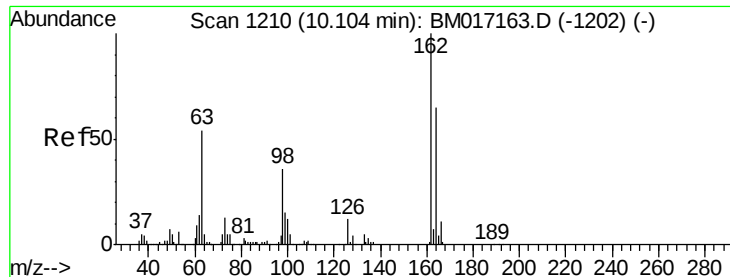
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 44.050 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.7	38.5
123	11.5	9.4	14.0





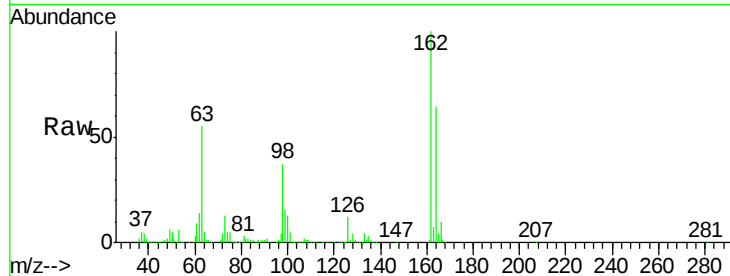
#29
2,4-Dichlorophenol
Concen: 47.220 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

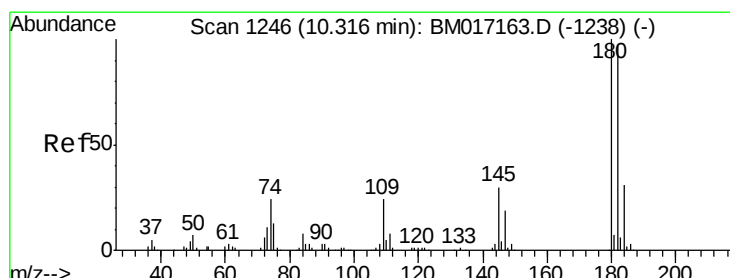
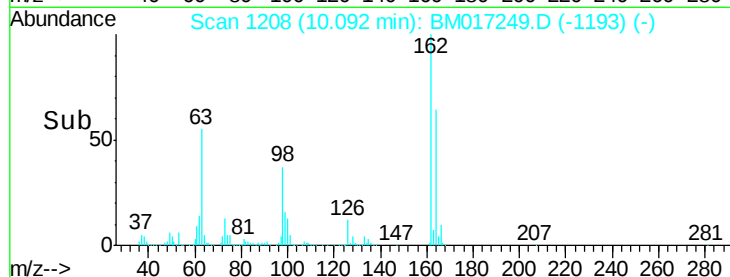
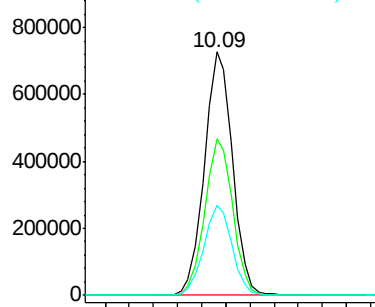
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.9	84.9
98	36.8	15.8	55.8

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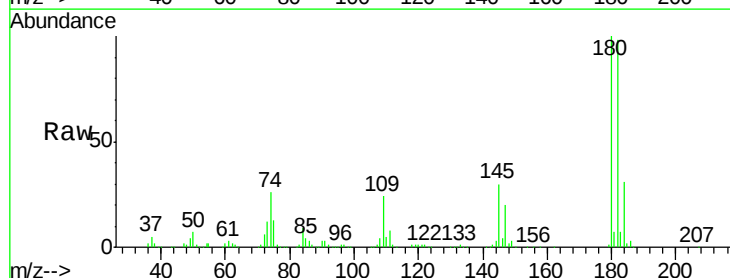


Abundance Ion 162.00 (161.70 to 162.70): E
1000000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

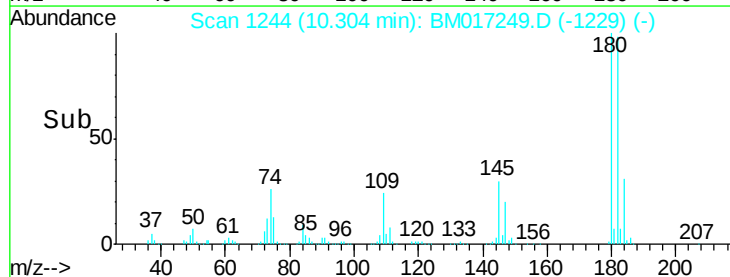
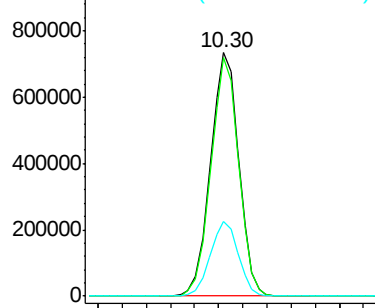


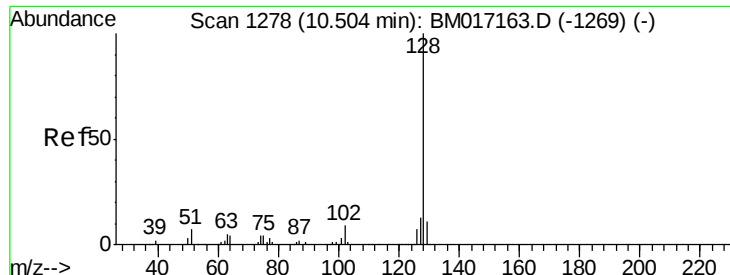
#30
1,2,4-Trichlorobenzene
Concen: 39.871 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.5	116.3
145	30.4	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
1000000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





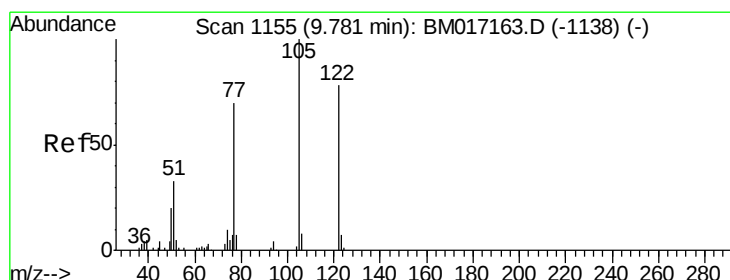
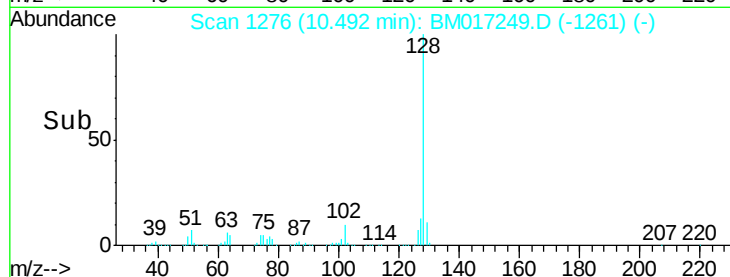
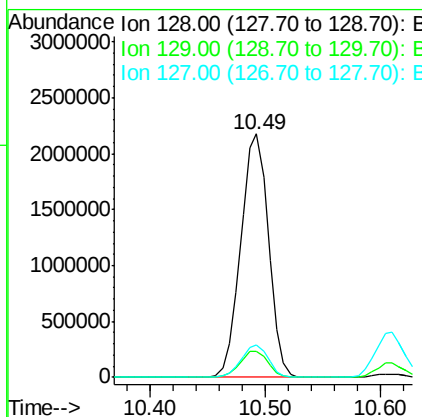
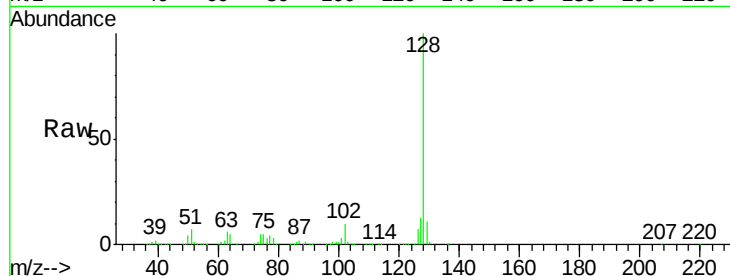
#31
Naphthalene
Concen: 43.002 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion:128 Resp: 3634834
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.1 10.3 15.5

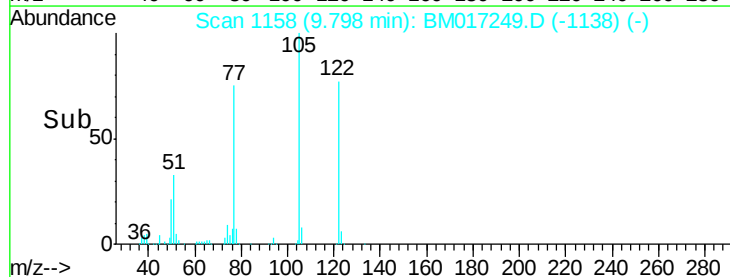
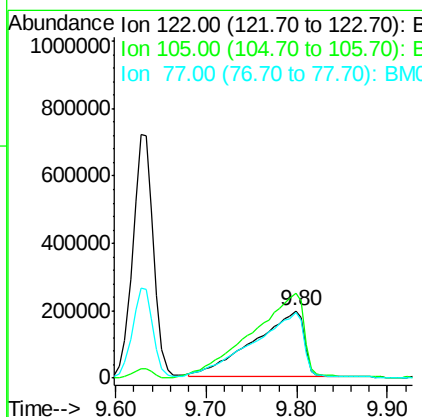
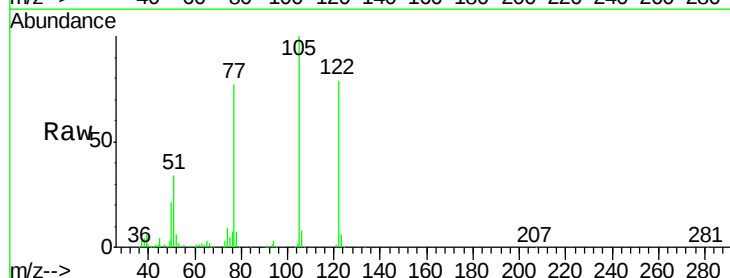
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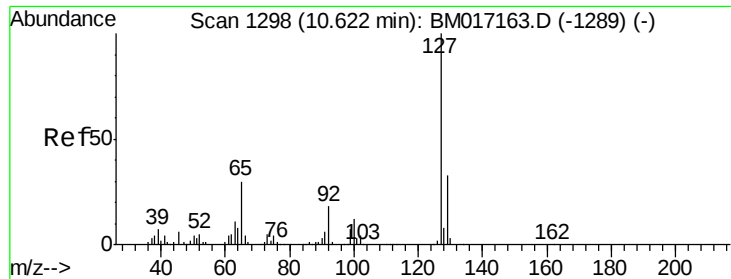
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#32
Benzoic acid
Concen: 46.754 ng
RT: 9.80 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:122 Resp: 751218
Ion Ratio Lower Upper
122 100
105 127.4 102.0 142.0
77 97.9 67.7 107.7





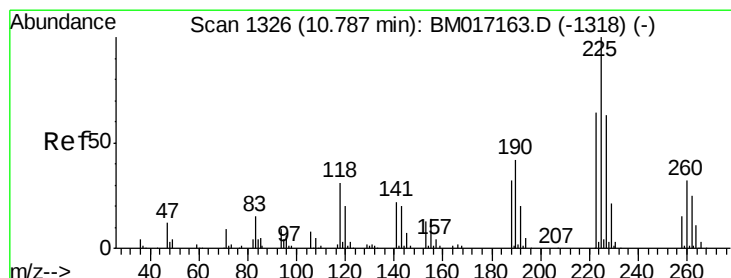
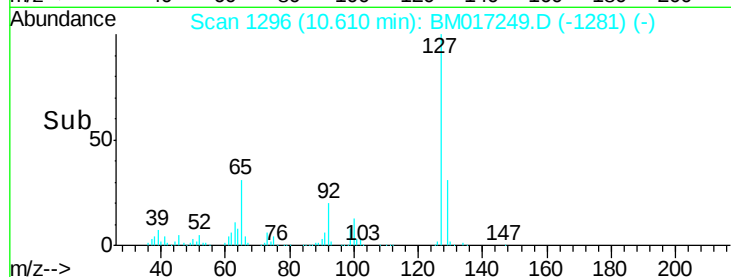
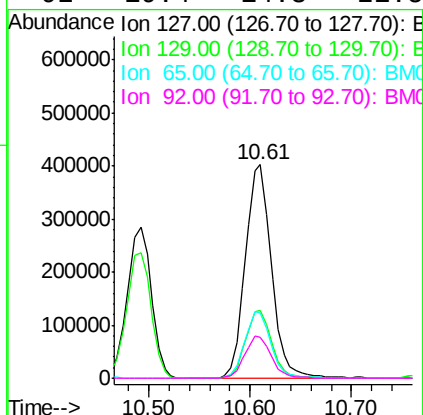
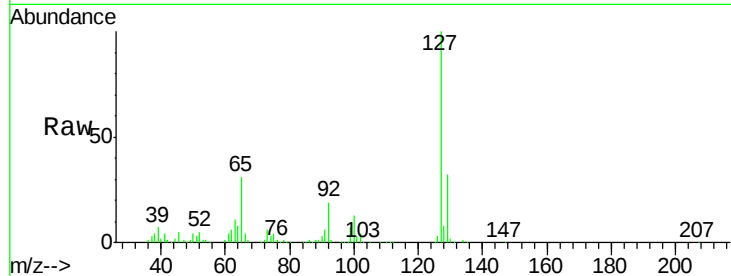
#33
4-Chloroaniline
Concen: 19.799 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	30.5	23.7	35.5
92	19.4	14.3	21.5

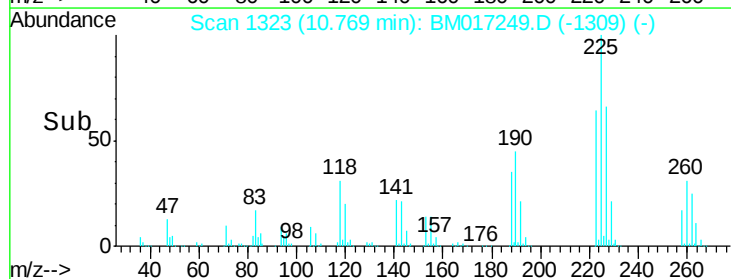
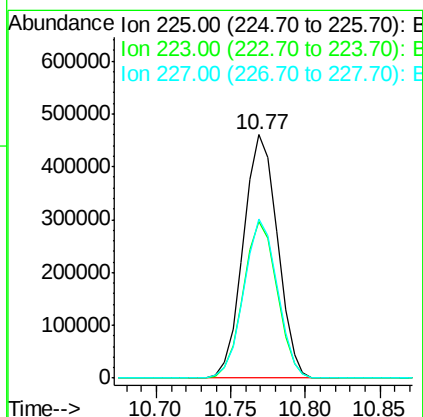
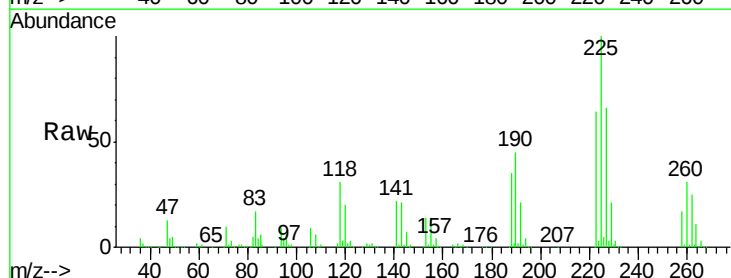
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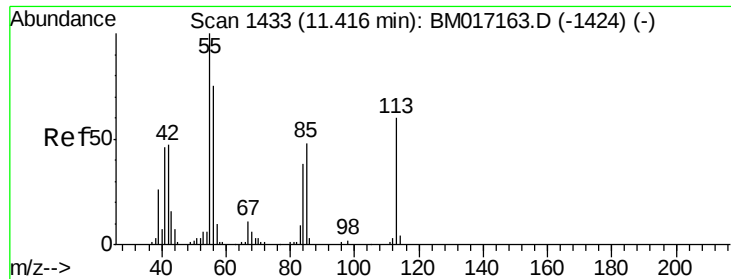
Sohil
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#34
Hexachlorobutadiene
Concen: 38.374 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.6
227	65.6	50.8	76.2





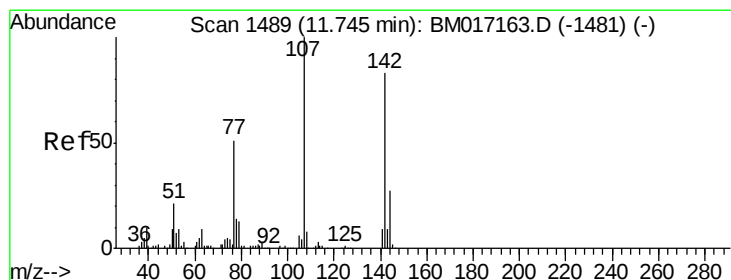
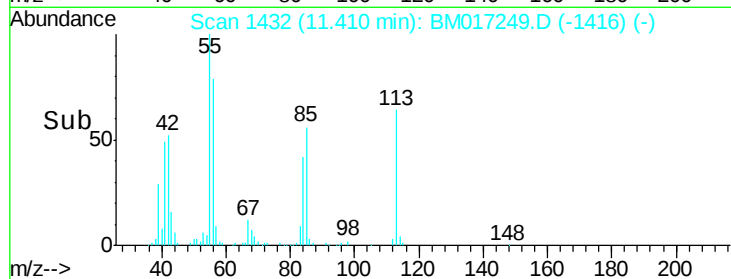
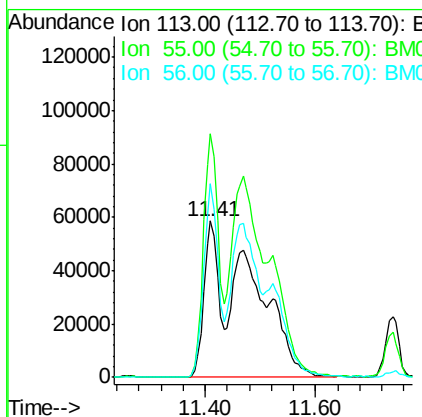
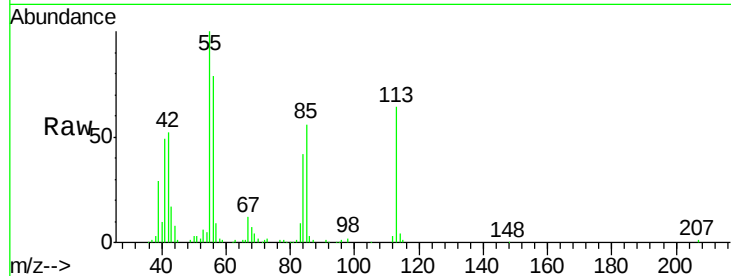
#35
 Caprolactam
 Concen: 36.668 ng m
 RT: 11.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

Tgt Ion:113 Resp: 334115
 Ion Ratio Lower Upper
 113 100
 55 155.8 147.0 187.0
 56 123.8 104.5 144.5

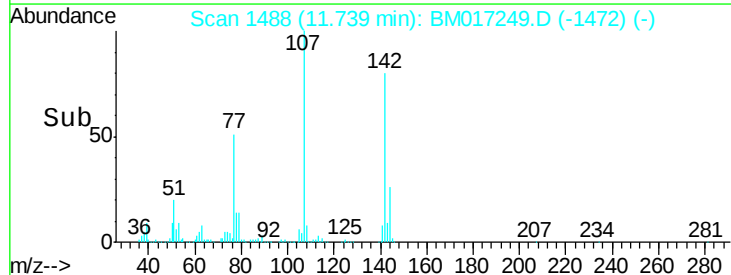
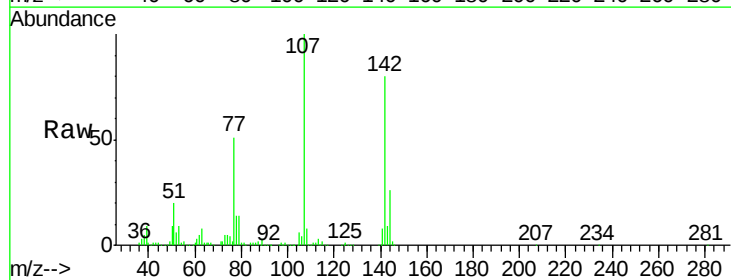
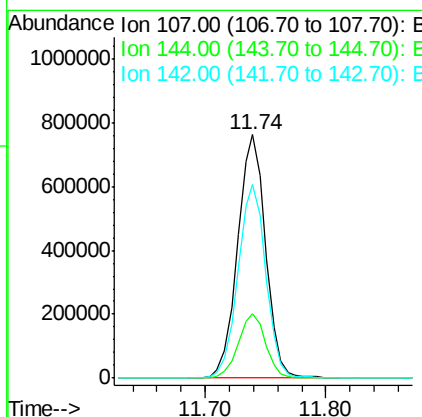
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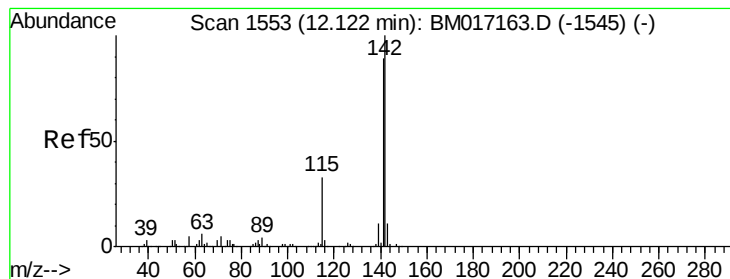
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 43.675 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:107 Resp: 1230879
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.6 32.4
 142 79.7 66.0 99.0





#37

2-Methylnaphthalene

Concen: 46.698 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion:142 Resp: 2701111

Ion Ratio Lower Upper

142 100

141 89.3 70.9 106.3

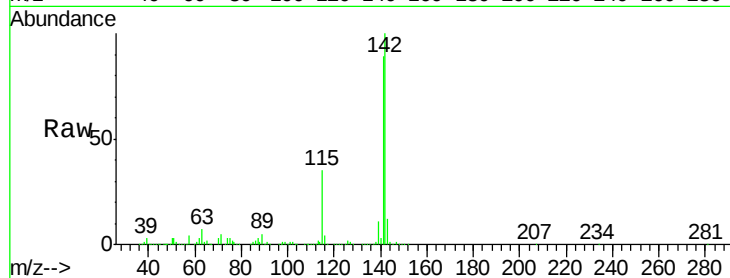
115 34.7 26.4 39.6

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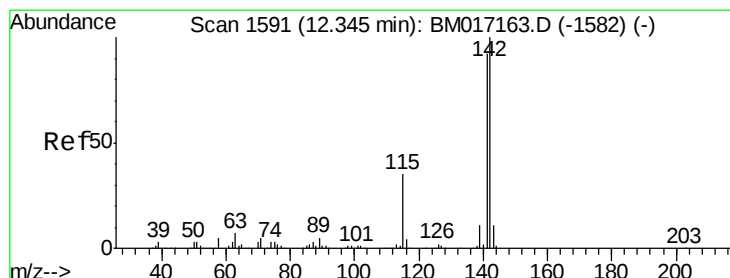
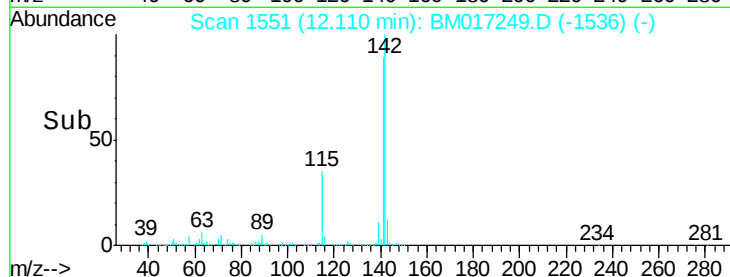
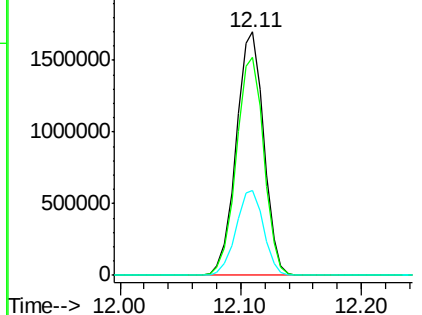
10/22/2018 1:09:34 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.913 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

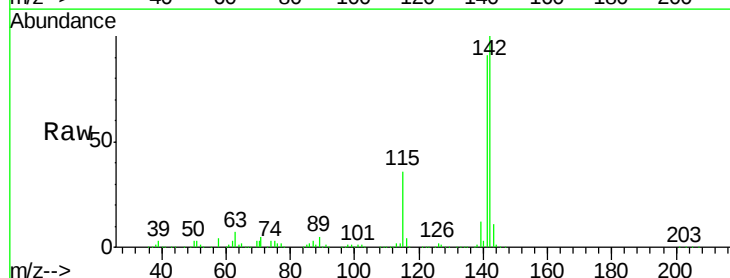
Tgt Ion:142 Resp: 2584776

Ion Ratio Lower Upper

142 100

141 90.7 73.8 110.6

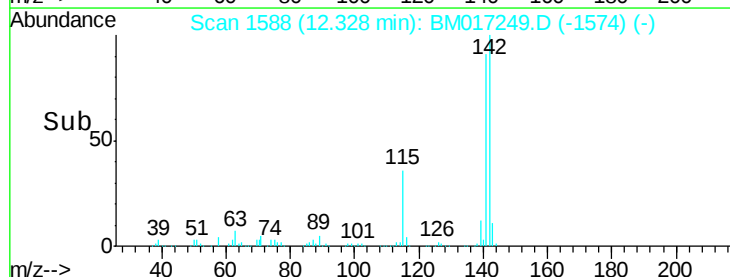
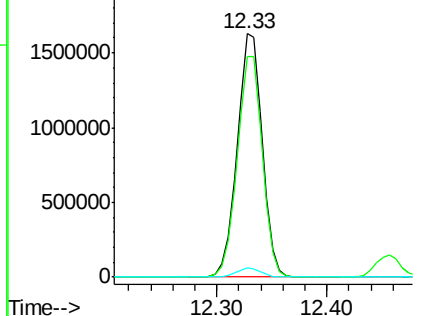
116 3.8 2.9 4.3

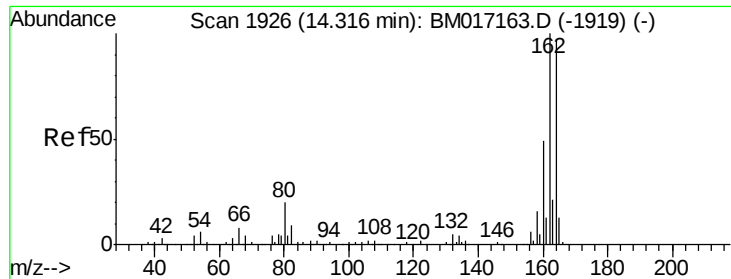


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





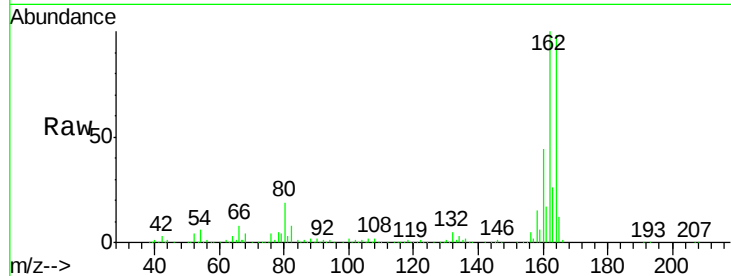
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	990724		
162	102.0	82.1	123.1	
160	44.6	40.2	60.2	

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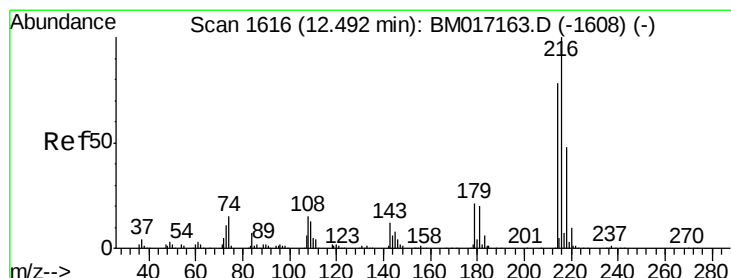
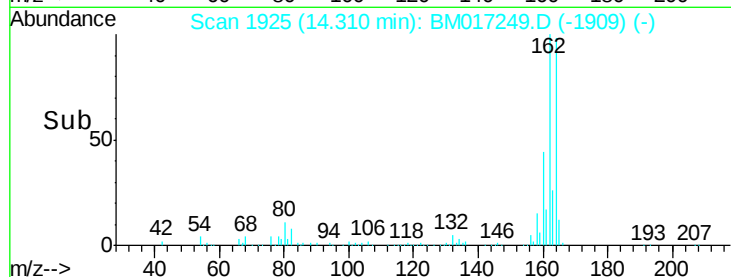
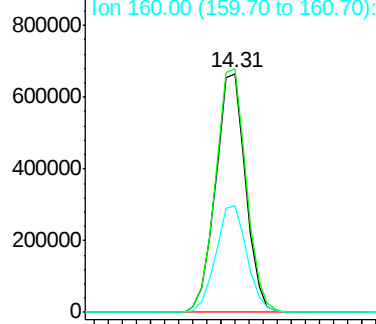


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.007 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	1395850		
214	78.5	62.6	93.8	
179	21.1	16.6	24.8	
108	20.0	13.5	20.3	

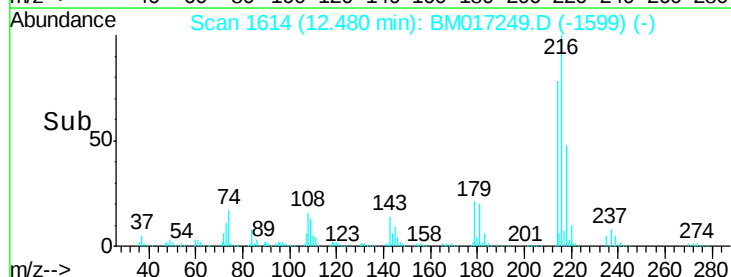
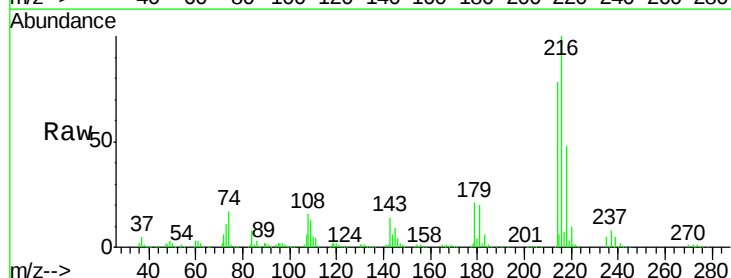
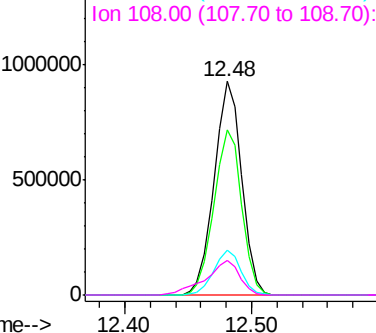
Abundance

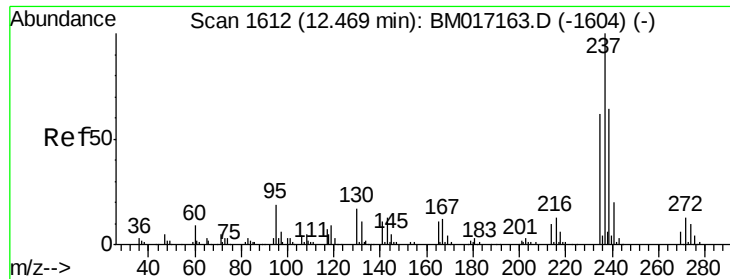
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 121.697 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion:237 Resp: 2052658

Ion Ratio Lower Upper

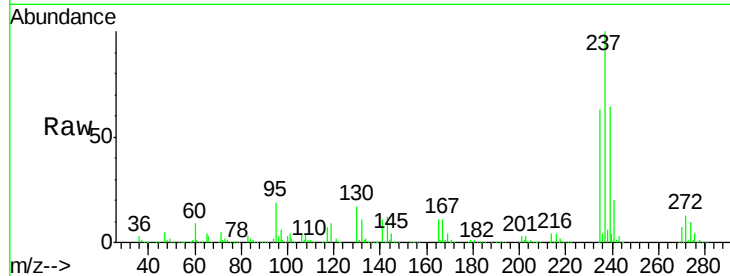
237 100

235 63.1 42.4 82.4

272 12.8 0.0 33.0

Manual Integrations
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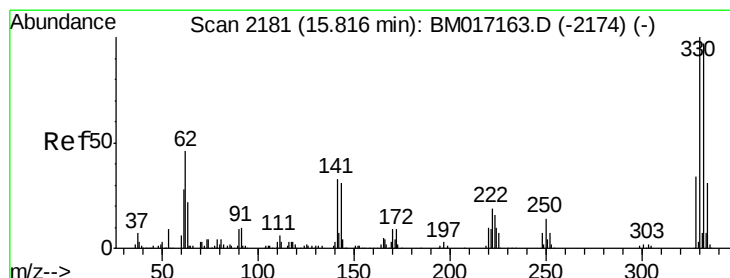
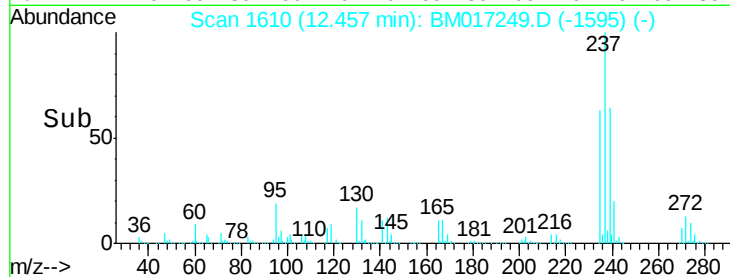
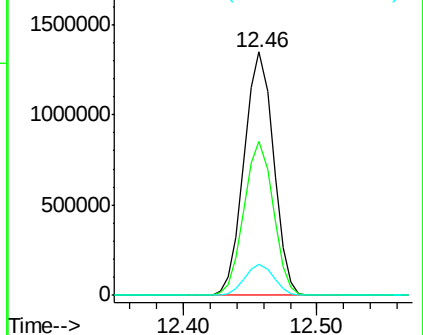
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Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.698 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

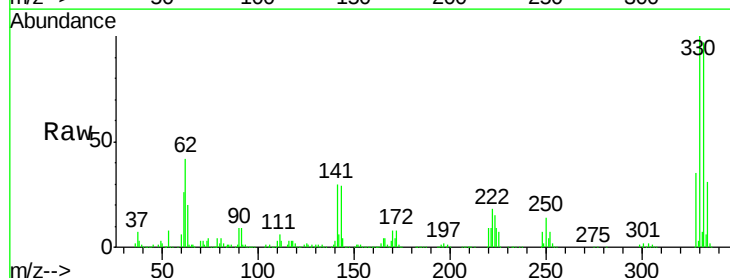
Tgt Ion:330 Resp: 1885089

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

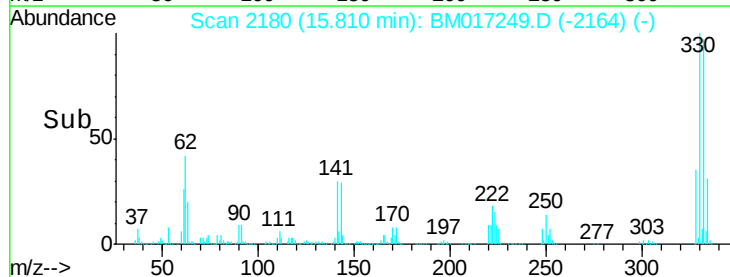
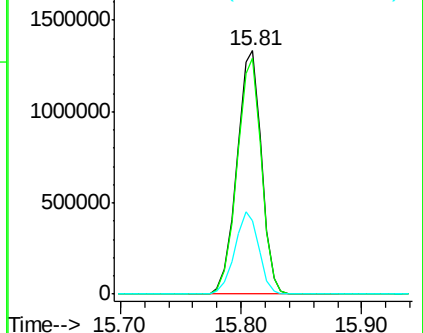
141 33.4 27.4 41.0

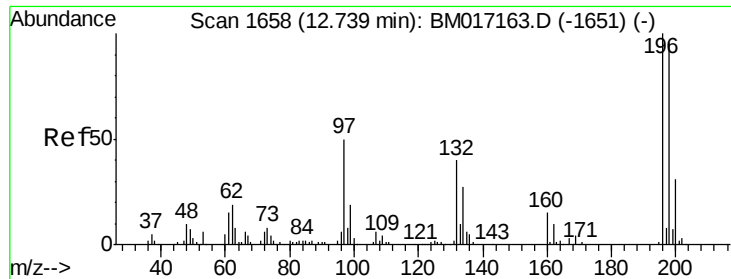


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





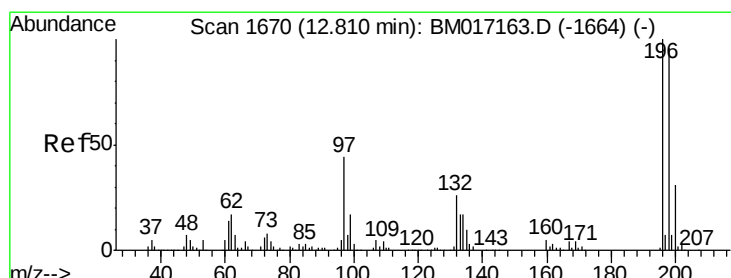
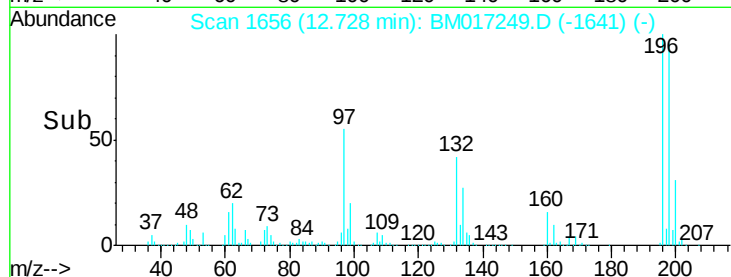
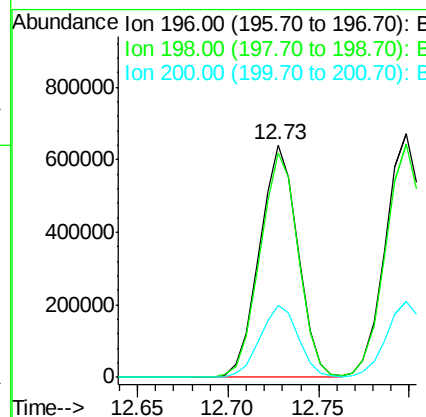
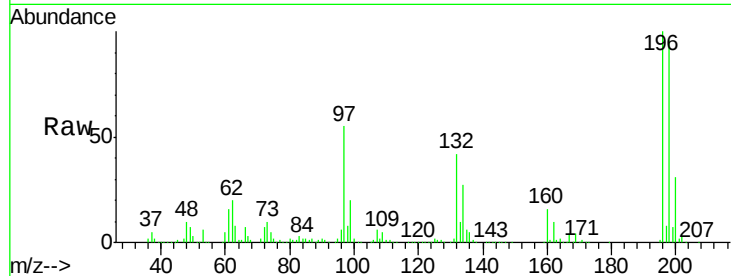
#43
 2,4,6-Trichlorophenol
 Concen: 46.426 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	940298		
198	96.5	77.1	115.7	
200	30.9	25.0	37.4	

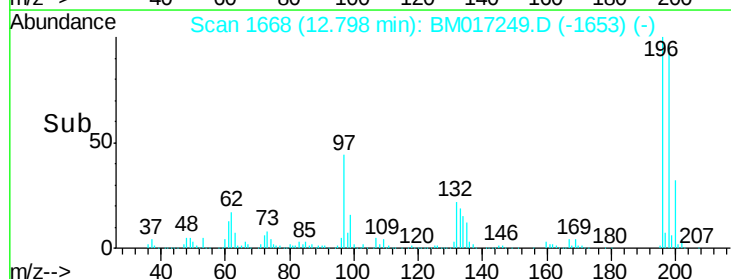
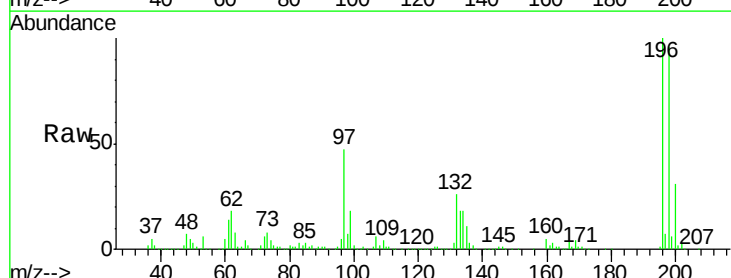
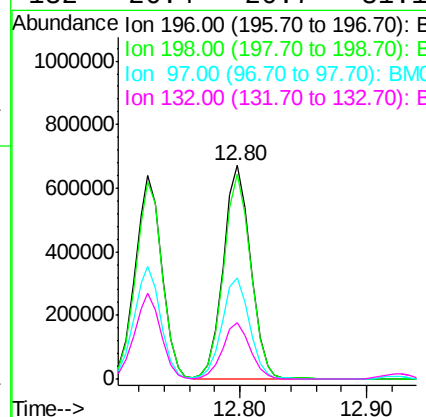
Manual Integrations
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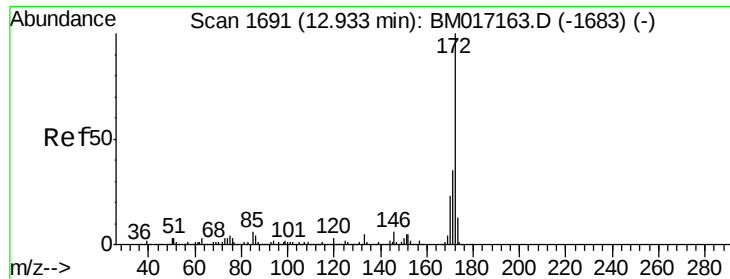
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 46.208 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1003580		
198	95.7	76.6	115.0	
97	47.4	35.5	53.3	
132	26.4	20.7	31.1	





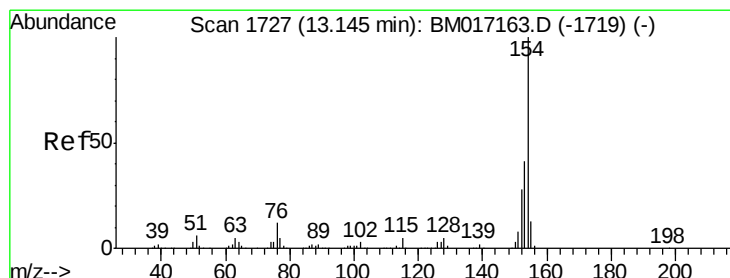
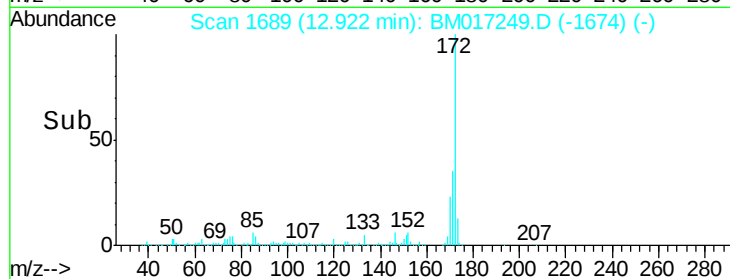
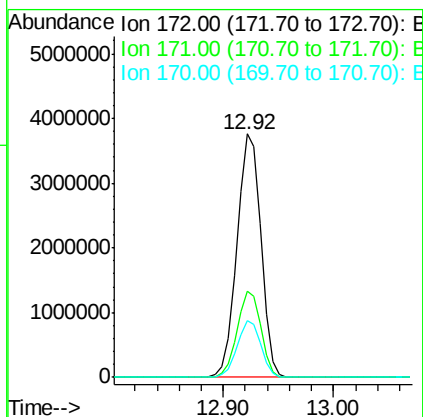
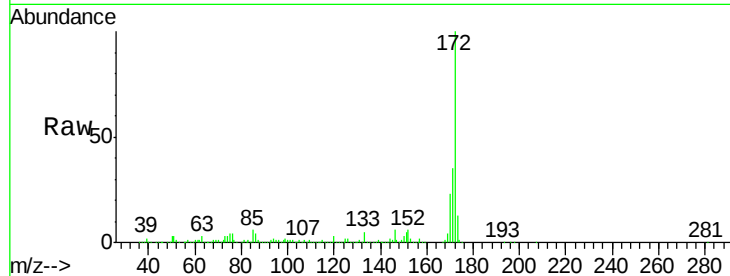
#45
 2-Fluorobiphenyl
 Concen: 76.990 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

Tgt Ion:172 Resp: 5732705
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 23.3 18.3 27.5

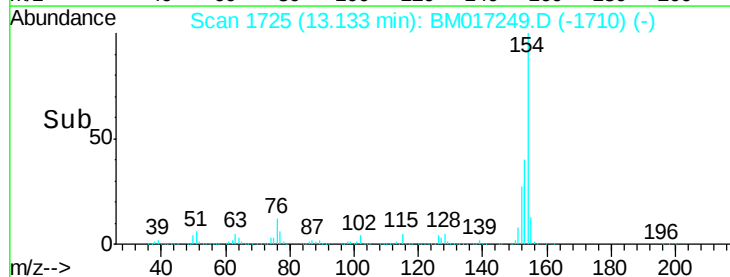
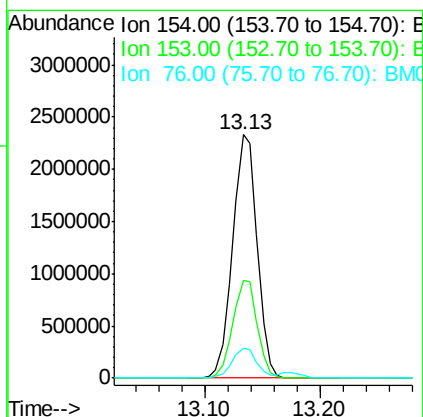
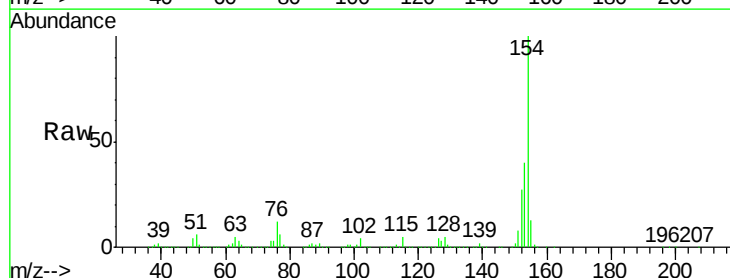
Manual Integrations
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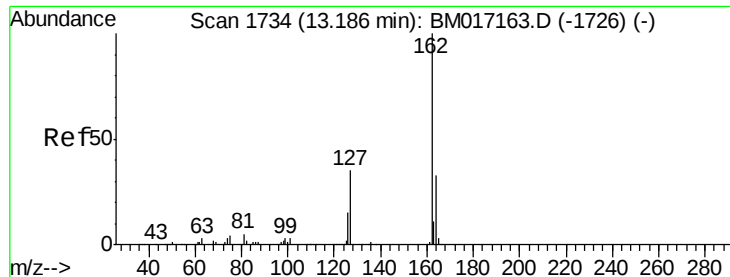
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#46
 1,1'-Biphenyl
 Concen: 38.285 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:154 Resp: 3413340
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.5 60.5
 76 12.4 0.0 31.8





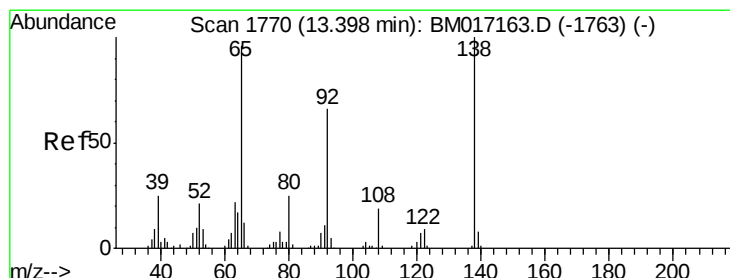
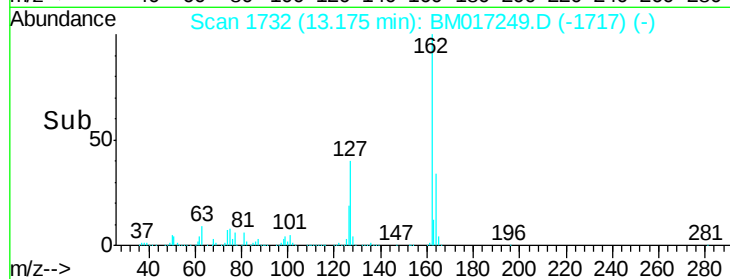
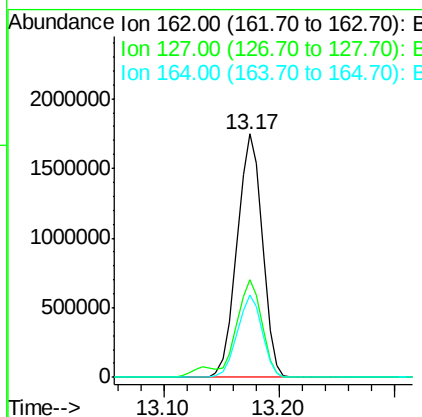
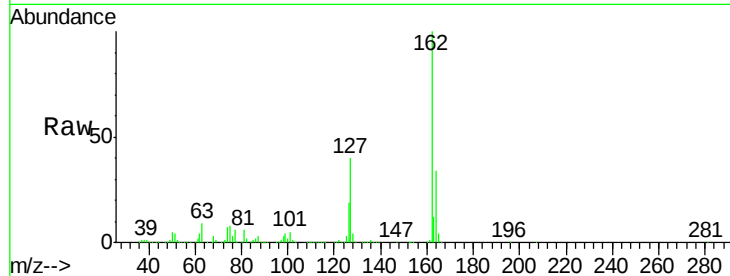
#47
 2-Chloronaphthalene
 Concen: 40.308 ng
 RT: 13.17 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.0	46.4
164	34.0	26.6	39.8

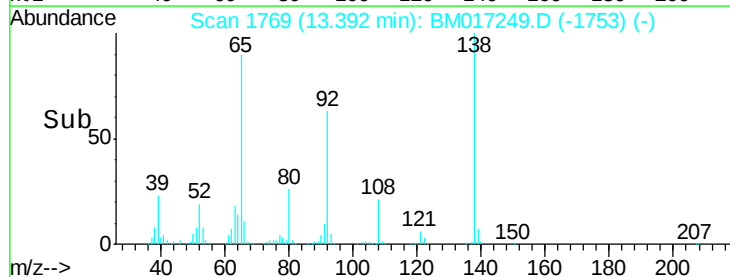
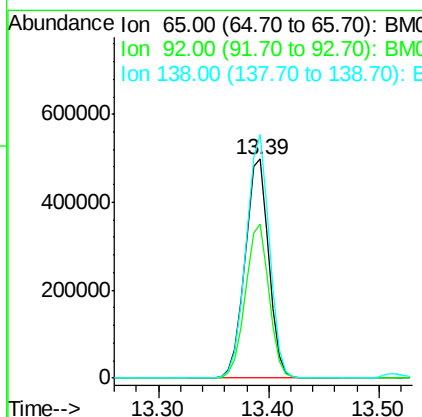
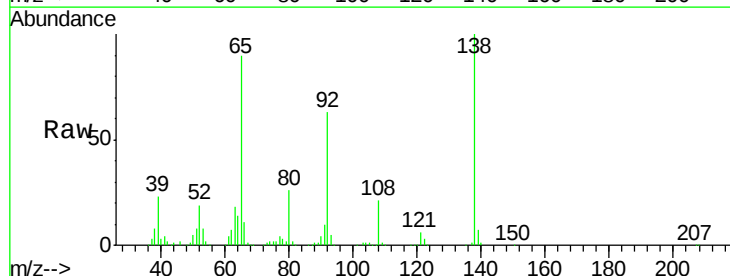
Manual Integrations
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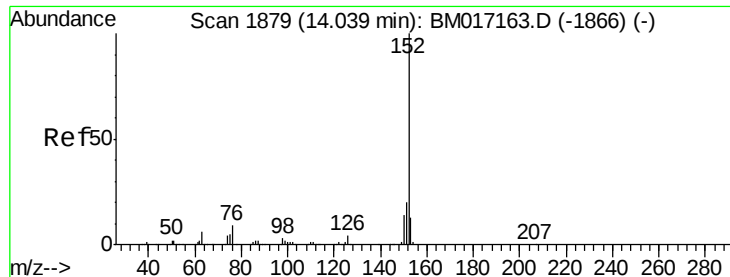
Sohil
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#48
 2-Nitroaniline
 Concen: 41.655 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	54.9	82.3
138	111.2	83.7	125.5





#49

Acenaphthylene

Concen: 45.072 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

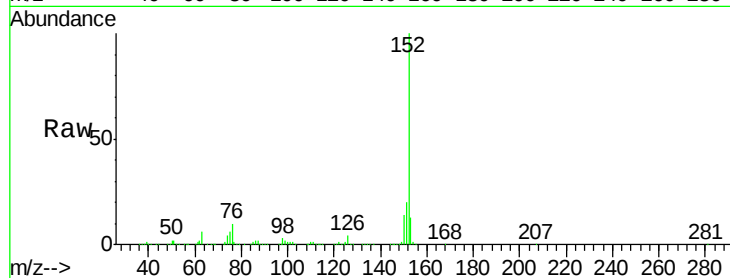
ClientSampleId :

PB113953BS

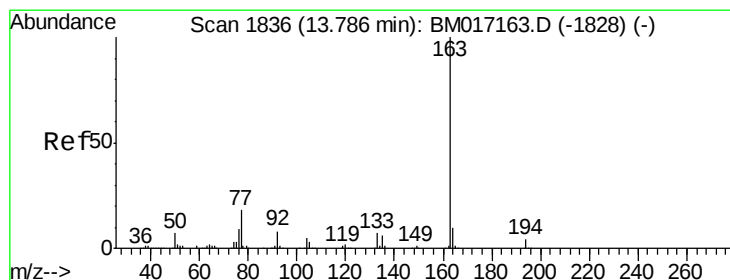
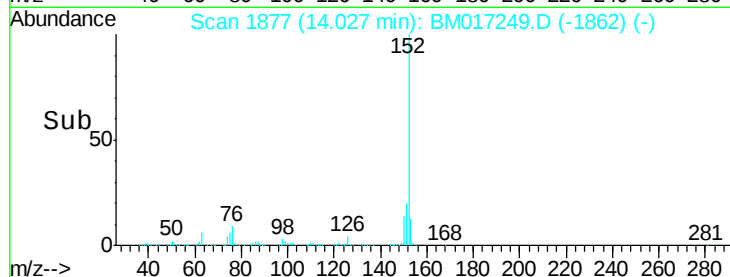
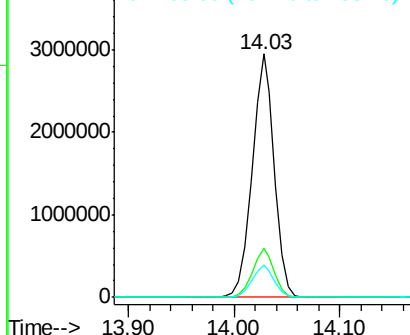
Tgt Ion:	152	Resp:	4285006
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.2	10.4	15.6

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.655 ng

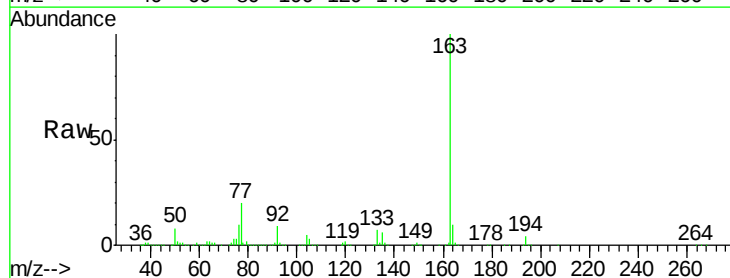
RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

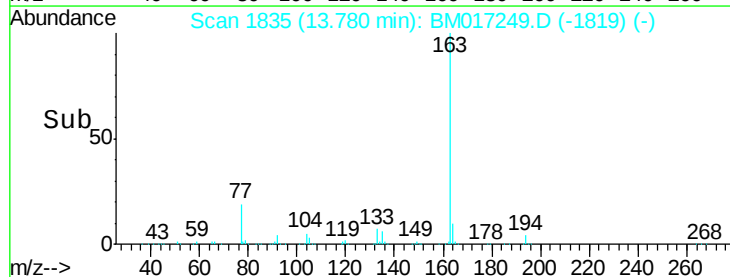
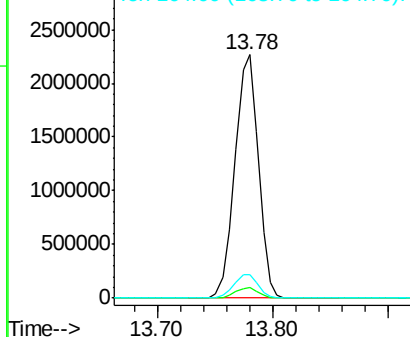
Lab File: BM017249.D

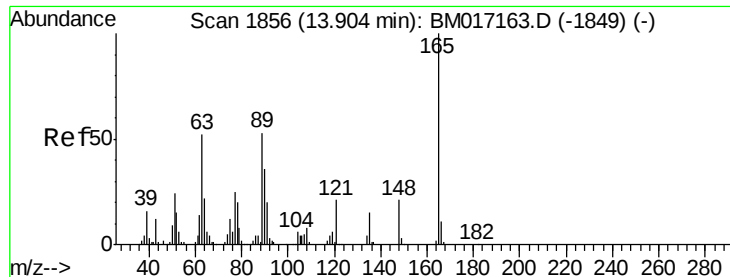
Acq: 20 Oct 2018 04:12

Tgt Ion:	163	Resp:	3183893
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.7	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





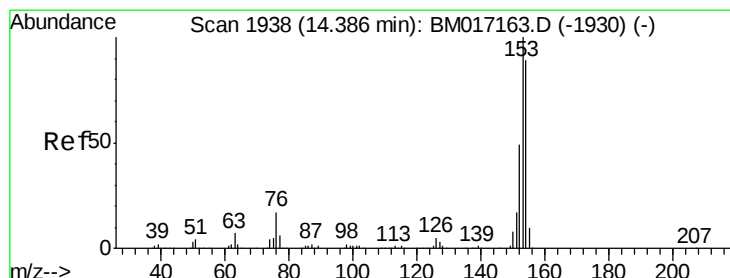
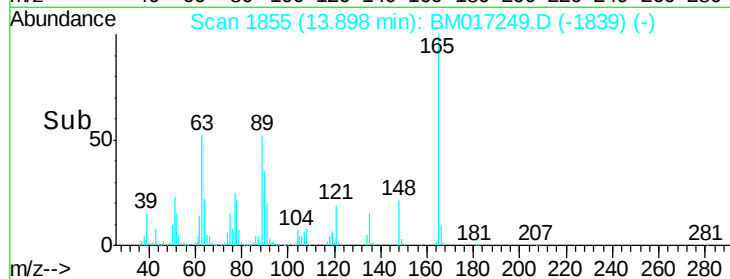
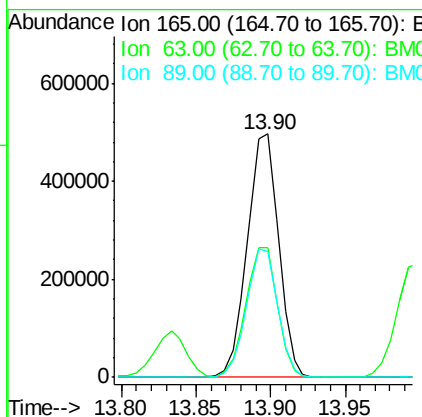
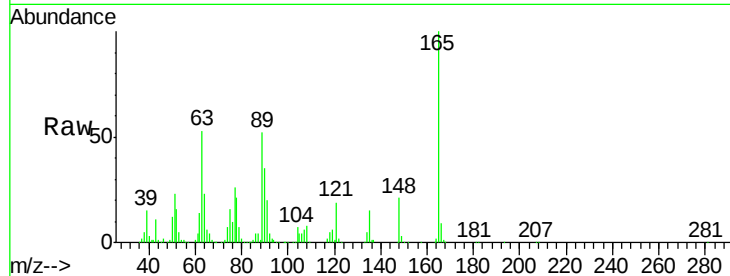
#51
 2,6-Dinitrotoluene
 Concen: 42.738 ng
 RT: 13.90 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	718988		
63	53.2	42.7	64.1	
89	51.7	42.1	63.1	

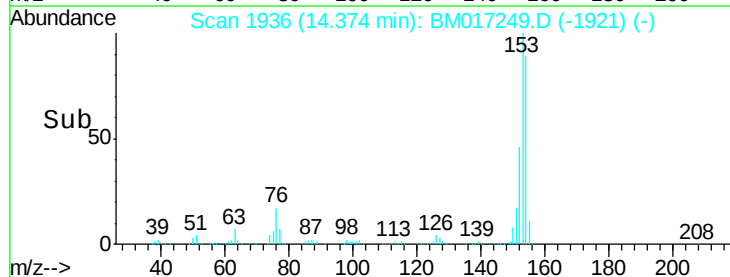
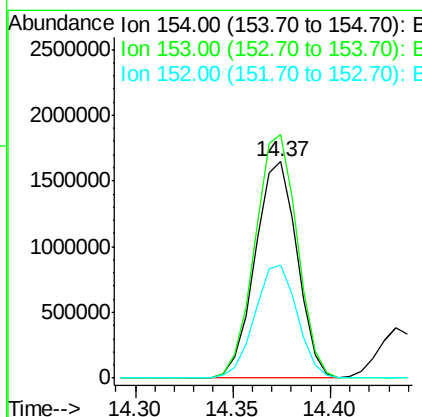
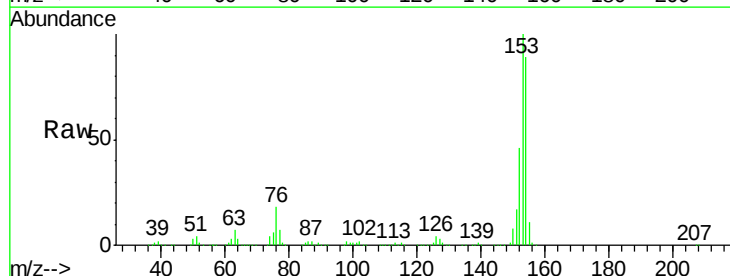
Manual Integrations
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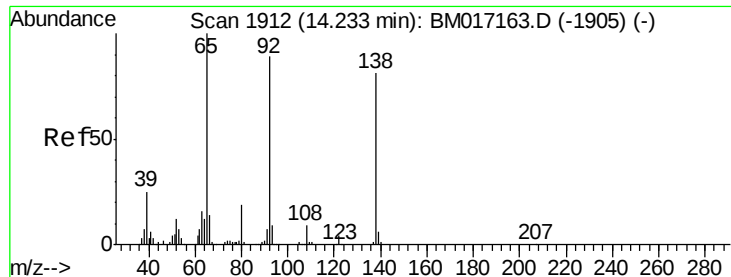
Sohil
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#52
 Acenaphthene
 Concen: 41.301 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2465336		
153	112.5	90.2	135.2	
152	52.0	44.2	66.4	





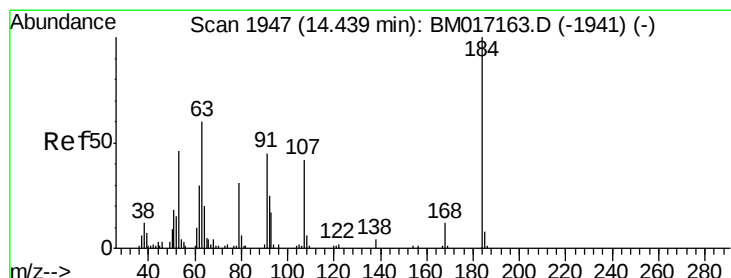
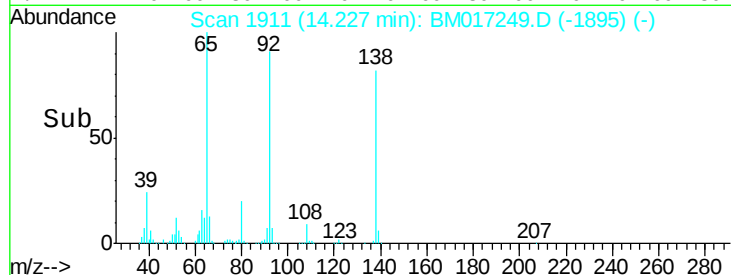
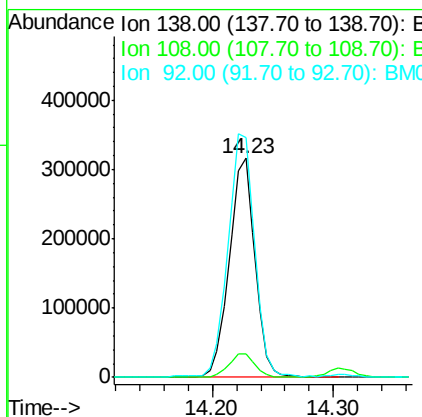
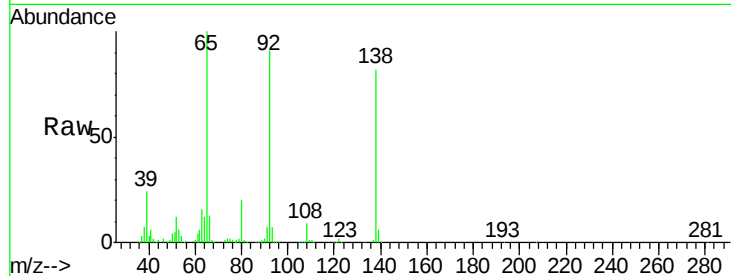
#53
3-Nitroaniline
Concen: 25.761 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	469373		
108	10.9	8.7	13.1	
92	109.9	87.9	131.9	

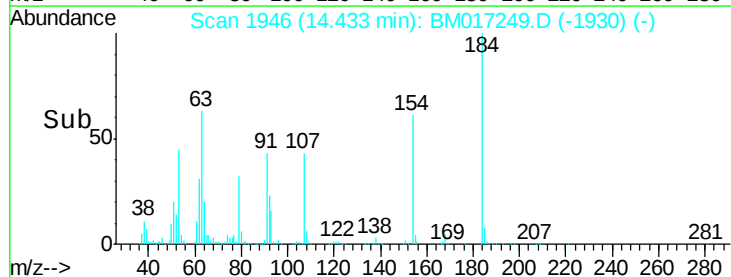
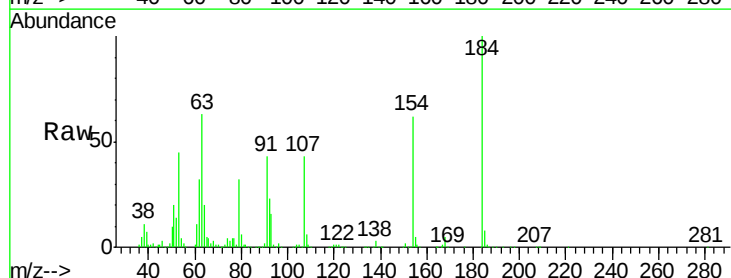
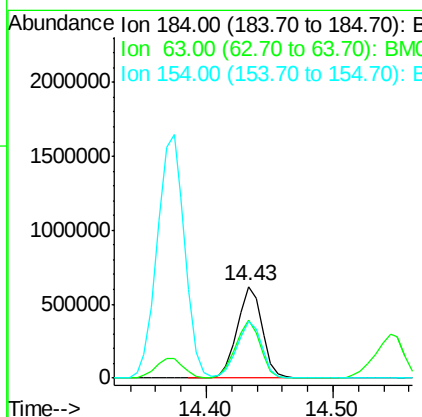
Manual Integrations
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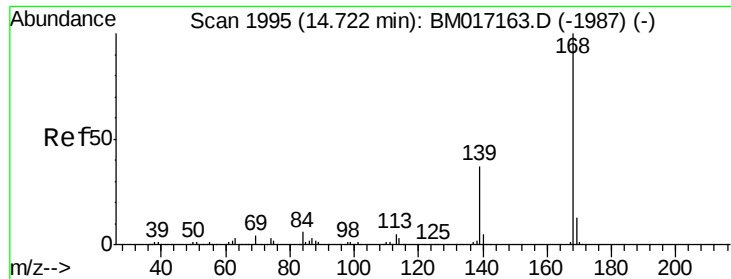
Sohil
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#54
2,4-Dinitrophenol
Concen: 84.605 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	840198		
63	62.8	51.2	76.8	
154	62.1	47.8	71.8	





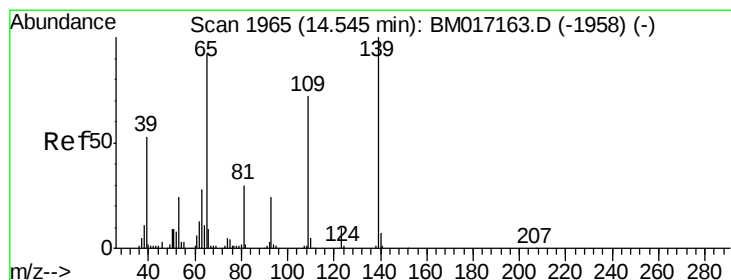
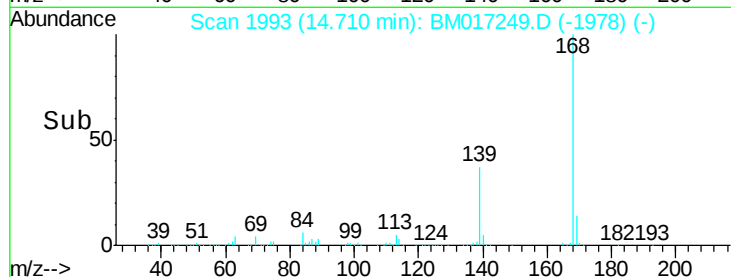
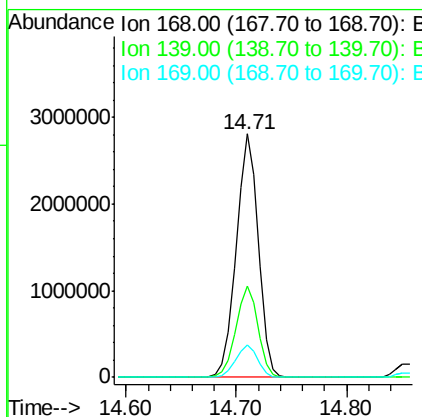
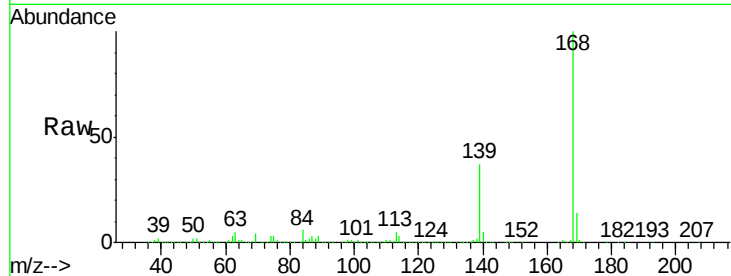
#55
Dibenzofuran
Concen: 39.609 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion:168 Resp: 3931833
Ion Ratio Lower Upper
168 100
139 37.3 29.3 43.9
169 13.6 10.6 15.8

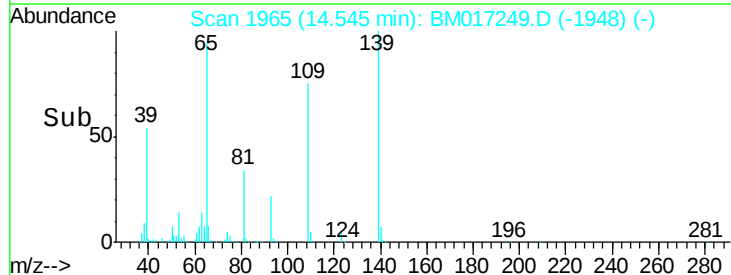
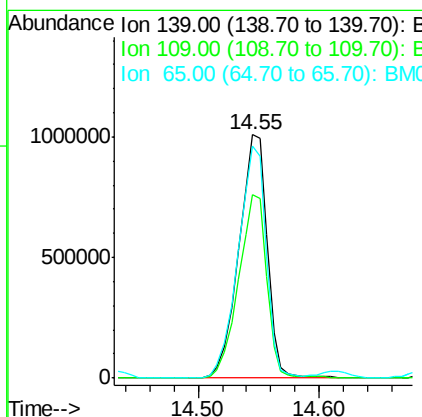
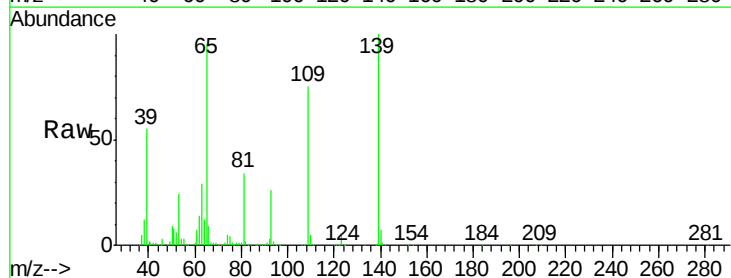
Manual Integrations
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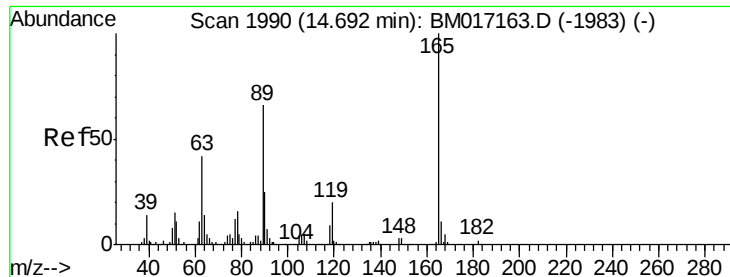
Sohil
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#56
4-Nitrophenol
Concen: 98.509 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:139 Resp: 1655062
Ion Ratio Lower Upper
139 100
109 75.5 51.8 91.8
65 95.5 72.1 112.1





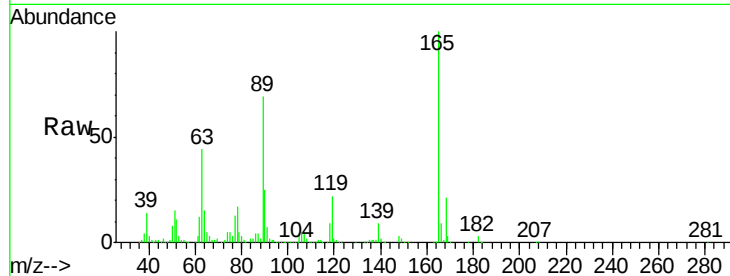
#57
2,4-Dinitrotoluene
Concen: 42.589 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

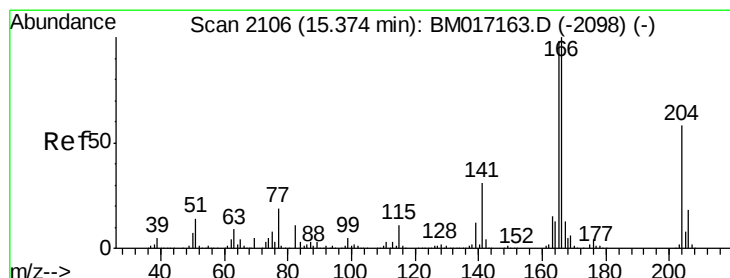
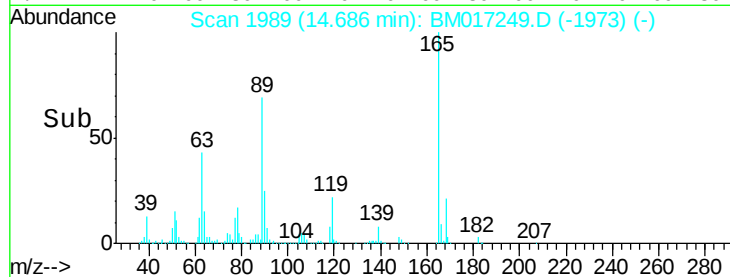
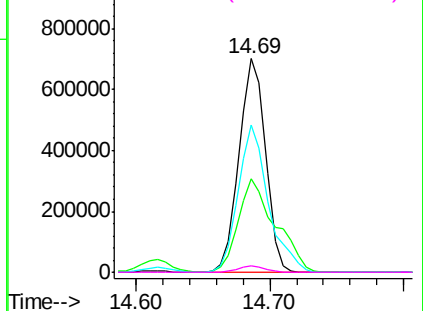
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	962966		
63	43.7		33.8	50.8
89	68.8		53.1	79.7
182	2.9		2.0	3.0

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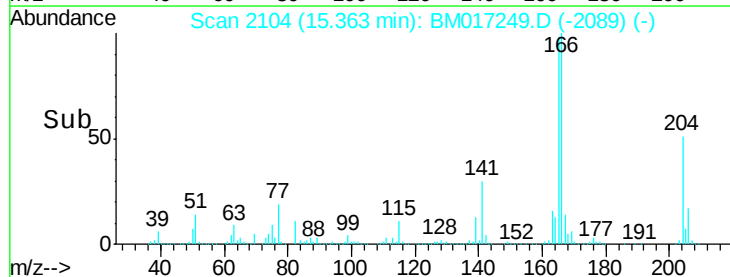
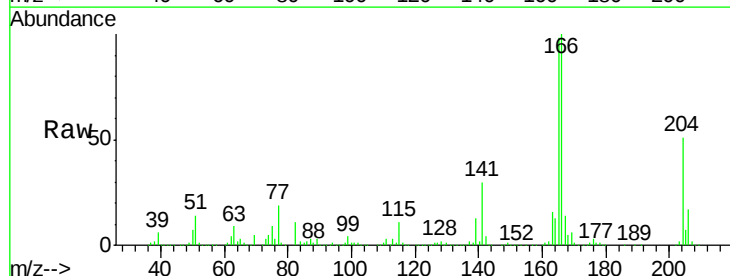
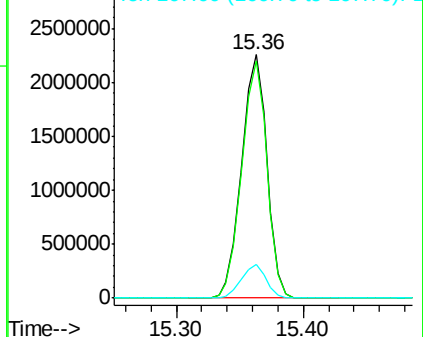
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

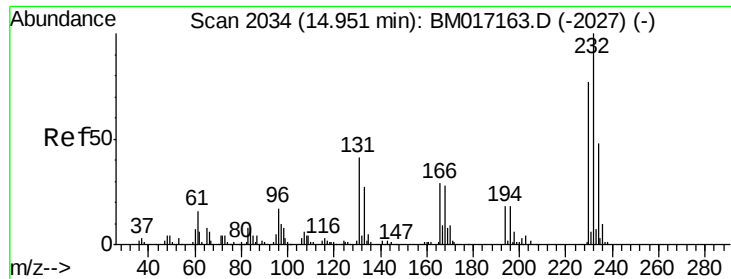


#58
Fluorene
Concen: 42.508 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	3123256		
165	97.6		78.1	117.1
167	13.7		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





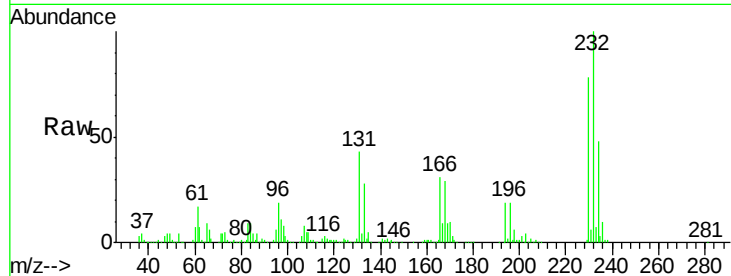
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.996 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

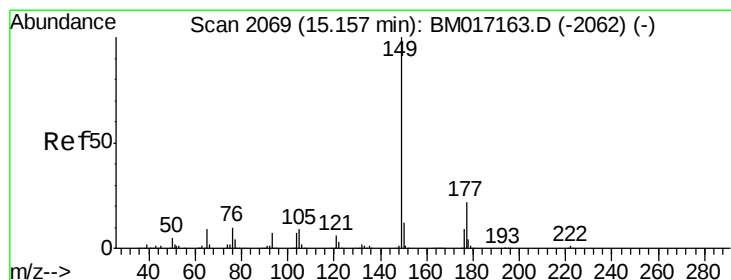
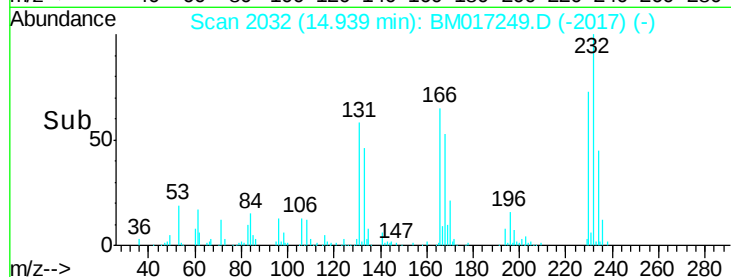
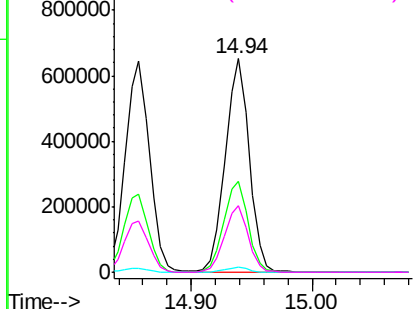
Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.7	33.1	49.7
130	2.2	1.7	2.5
166	31.0	24.4	36.6

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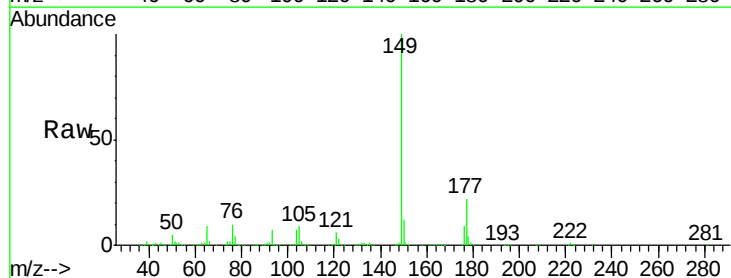


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

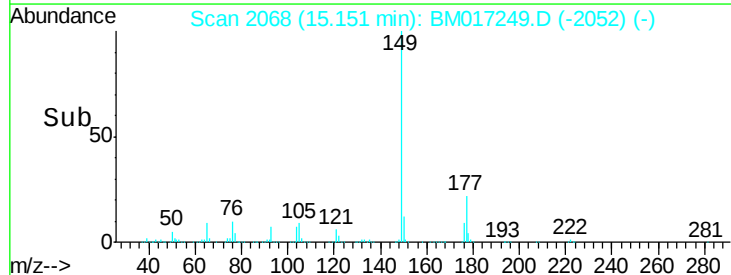
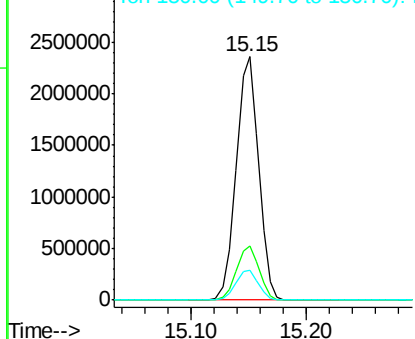


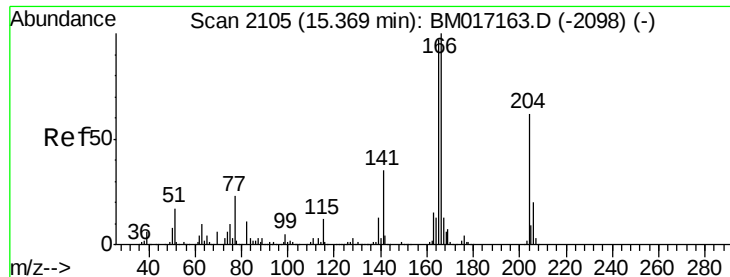
#60
Diethylphthalate
Concen: 41.594 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	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





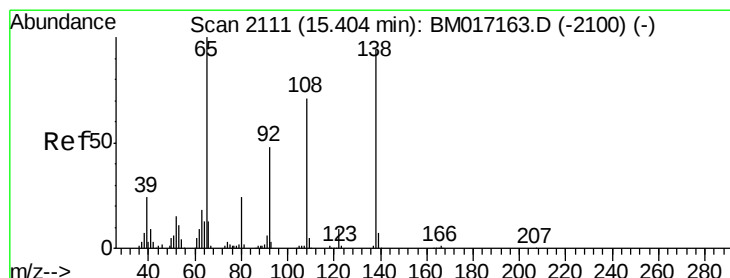
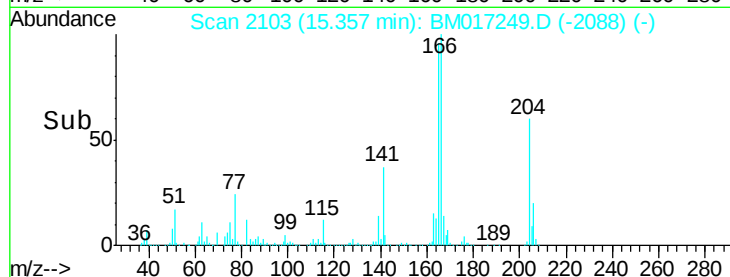
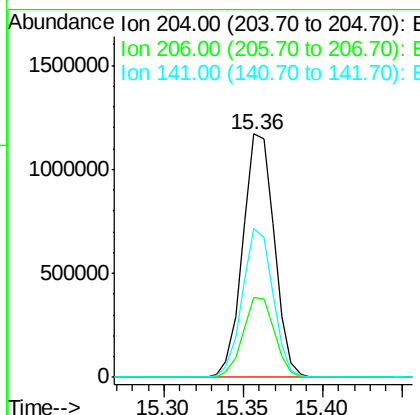
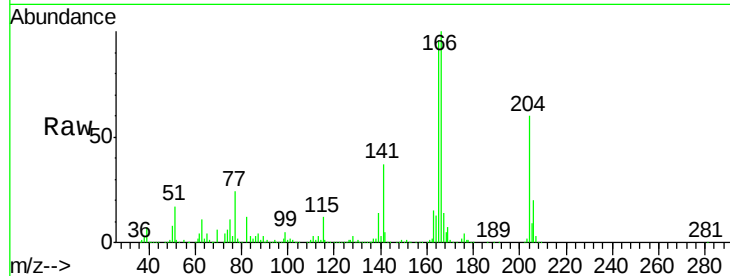
#61
 4-Chlorophenyl-phenylether
 Concen: 38.465 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

Tgt Ion:204 Resp: 1611186
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.1 39.1
 141 61.2 45.4 68.2

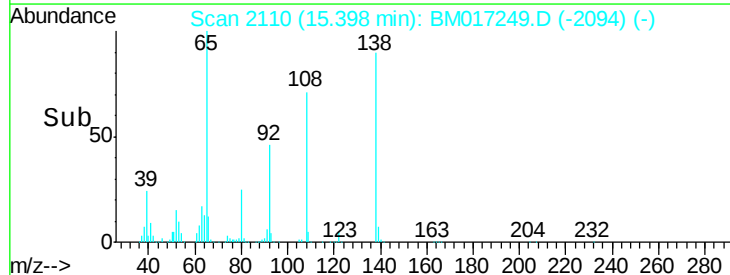
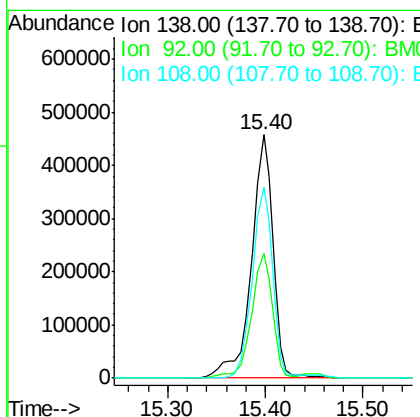
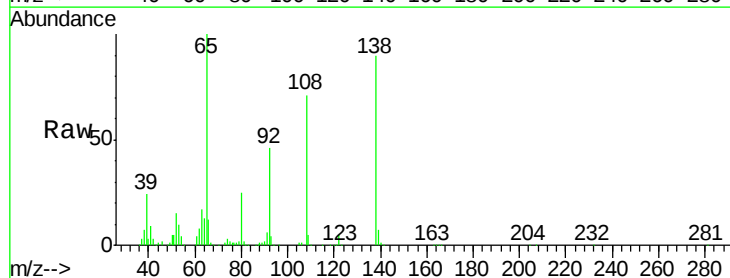
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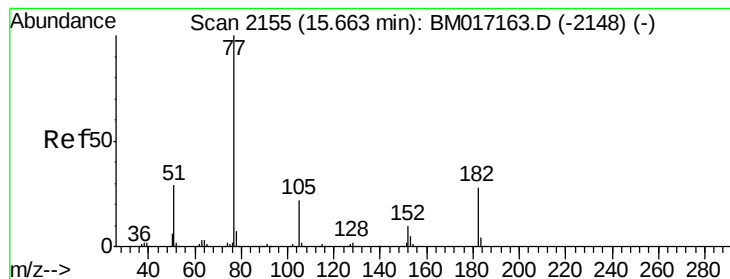
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#62
 4-Nitroaniline
 Concen: 36.174 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:138 Resp: 709112
 Ion Ratio Lower Upper
 138 100
 92 51.1 31.2 71.2
 108 78.7 55.5 95.5





#63

Azobenzene

Concen: 40.760 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017249.D

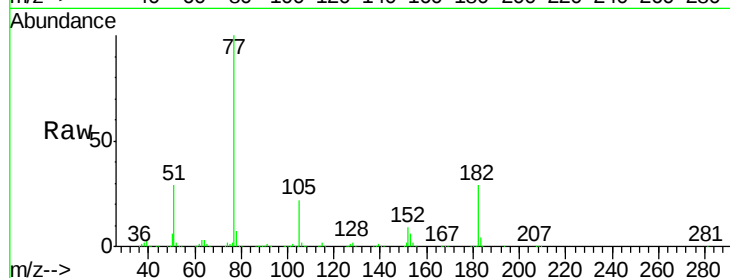
Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

PB113953BS



Tgt Ion: 77 Resp: 3003106

Ion Ratio Lower Upper

77 100

182 29.1 8.3 48.3

105 21.9 1.5 41.5

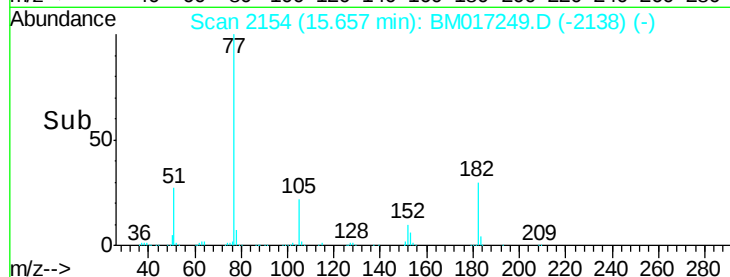
51 29.3 8.8 48.8

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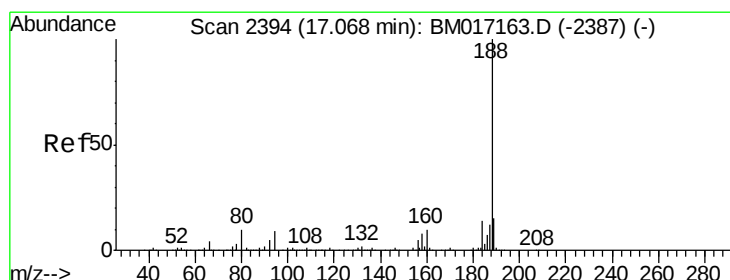
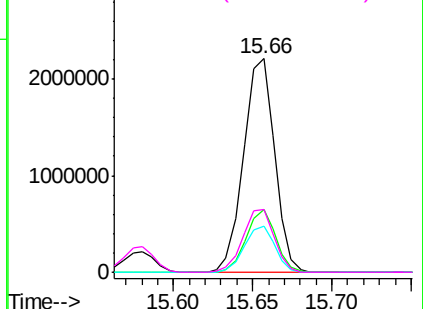


Abundance Ion 77.00 (76.70 to 77.70): BM017249.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017249.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017249.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017249.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

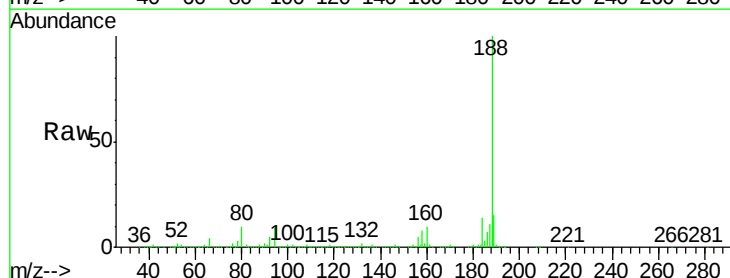
Tgt Ion: 188 Resp: 2059784

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

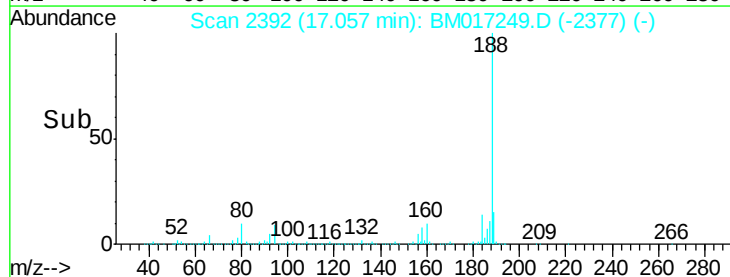
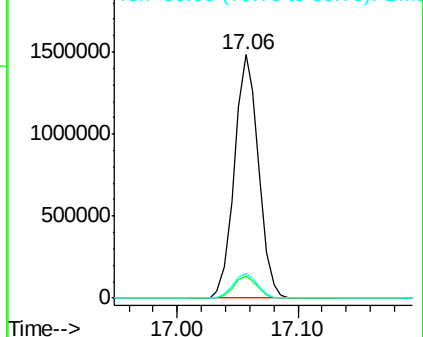
80 10.3 7.7 11.5

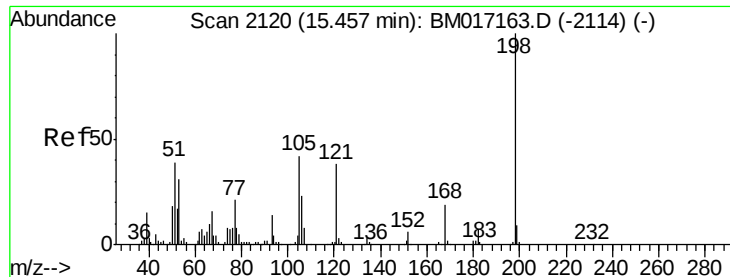


Abundance Ion 188.00 (187.70 to 188.70): BM017249.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017249.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017249.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 43.652 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

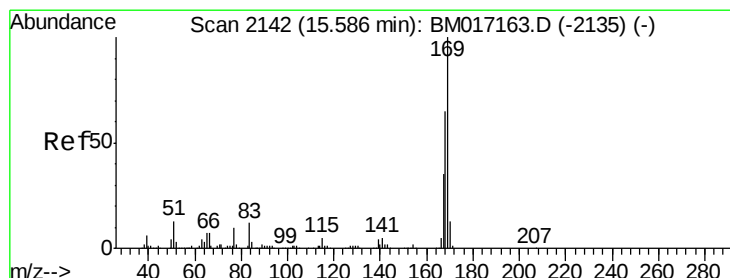
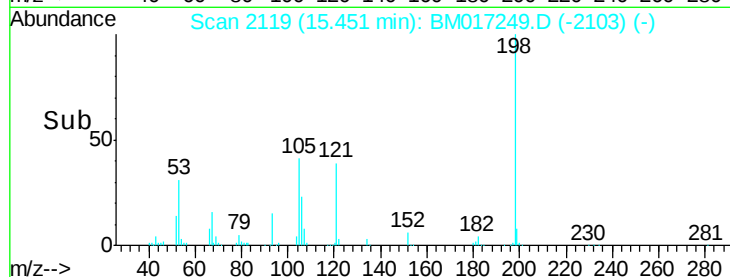
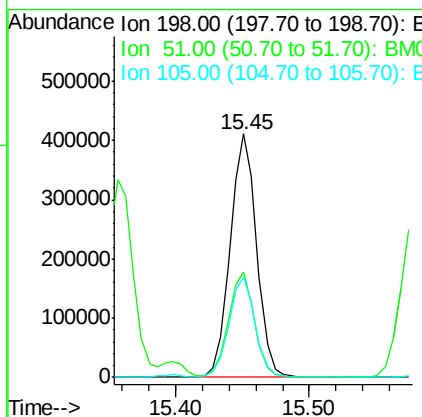
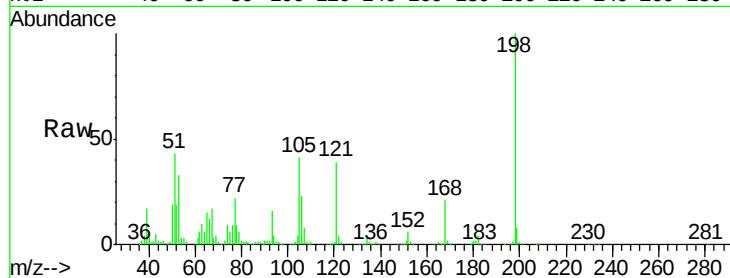
ClientSampleId :

PB113953BS

Tgt Ion:	198	Resp:	567569
Ion Ratio	Lower	Upper	
198	100		
51	43.2	20.3	60.3
105	41.0	21.9	61.9

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#66

n-Nitrosodiphenylamine

Concen: 43.977 ng

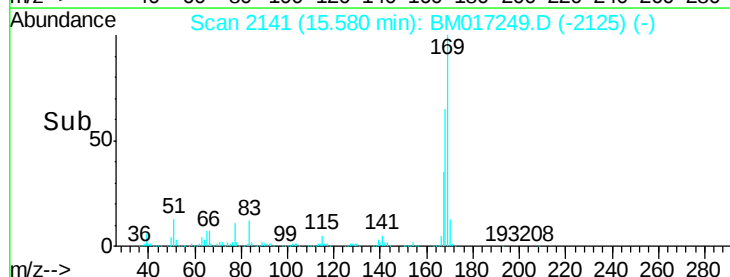
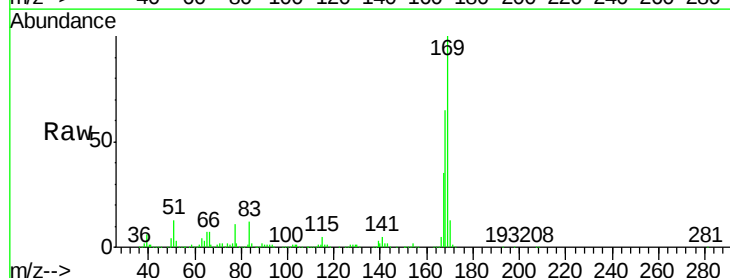
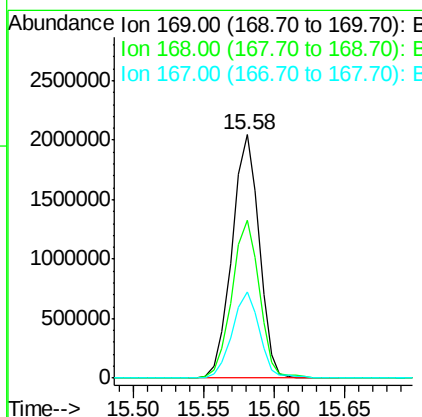
RT: 15.58 min Scan# 2141

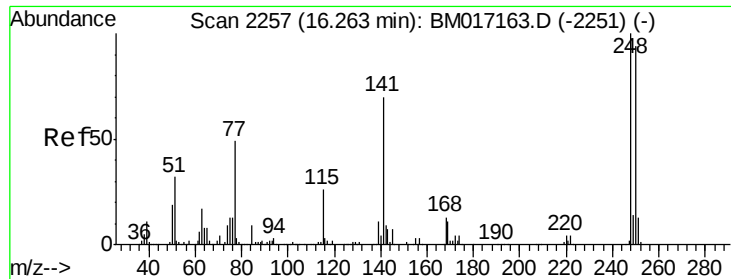
Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion:	169	Resp:	2740569
Ion Ratio	Lower	Upper	
169	100		
168	65.1	52.2	78.4
167	35.2	28.4	42.6





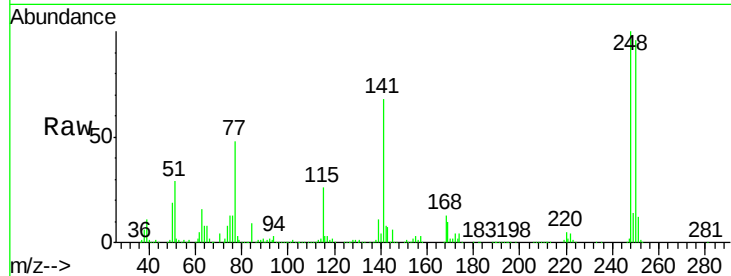
#67
4-Bromophenyl-phenylether
Concen: 44.987 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampled :
PB113953BS

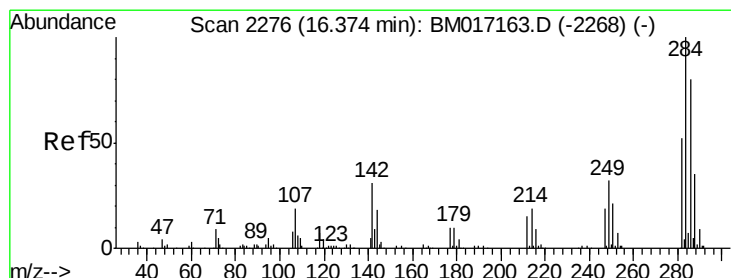
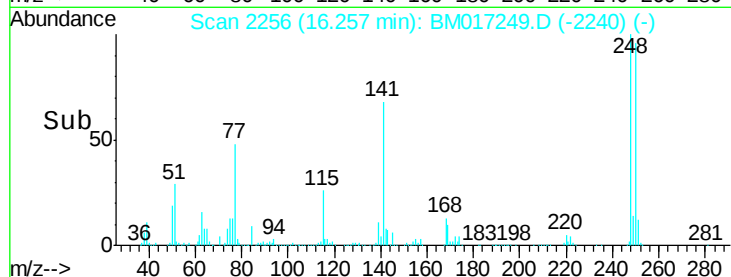
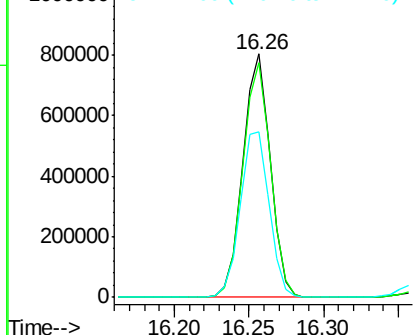
Tgt Ion:248 Resp: 1017460
Ion Ratio Lower Upper
248 100
250 96.3 75.1 112.7
141 68.2 55.6 83.4

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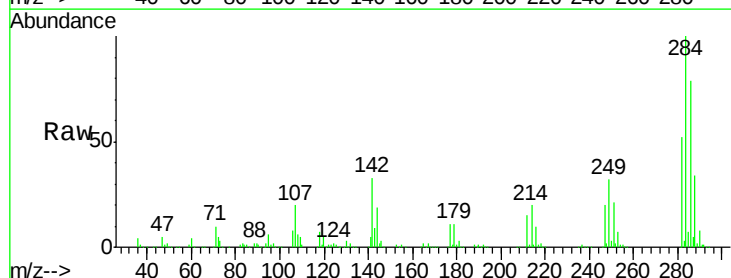


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

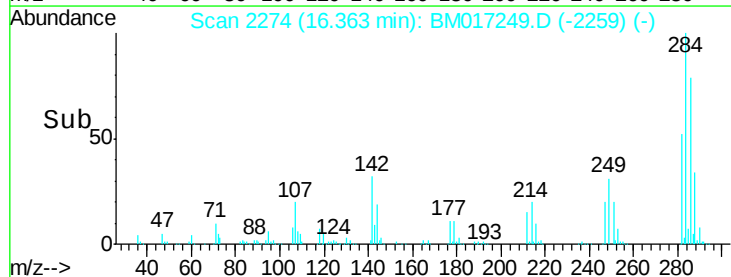
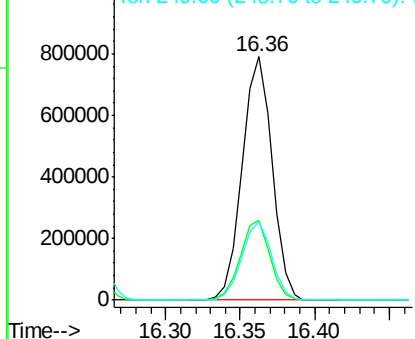


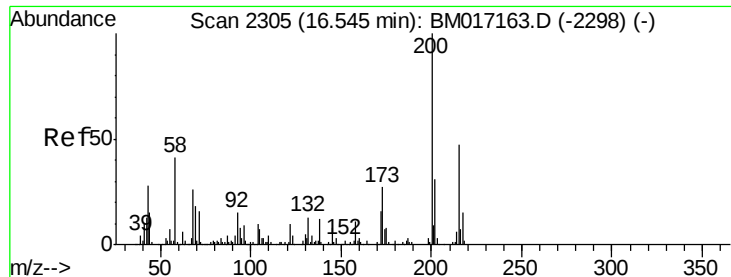
#68
Hexachlorobenzene
Concen: 41.596 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:284 Resp: 1092791
Ion Ratio Lower Upper
284 100
142 32.8 25.0 37.6
249 32.2 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





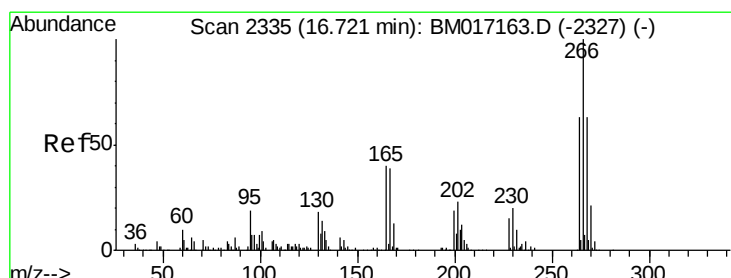
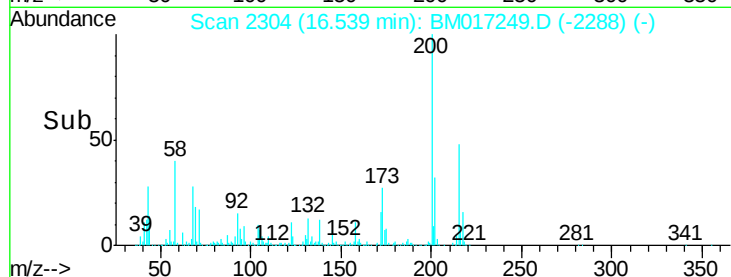
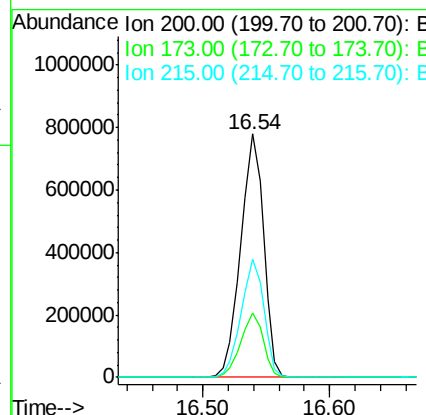
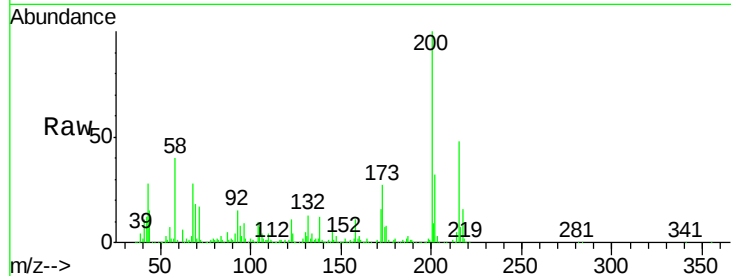
#69
Atrazine
Concen: 43.633 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.0	47.0
215	48.3	27.3	67.3

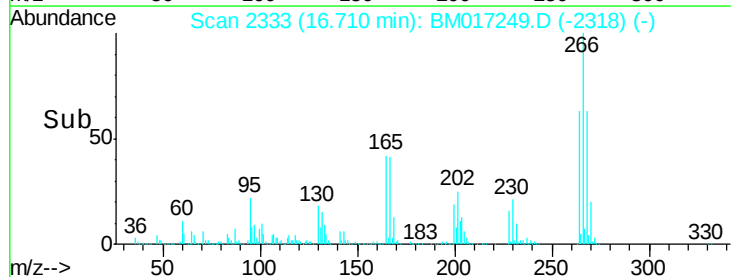
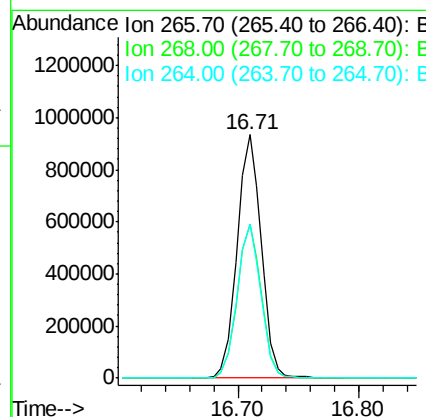
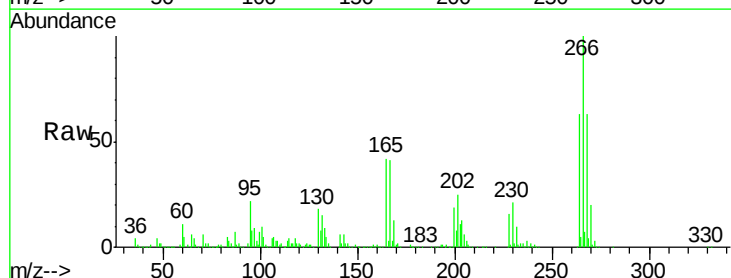
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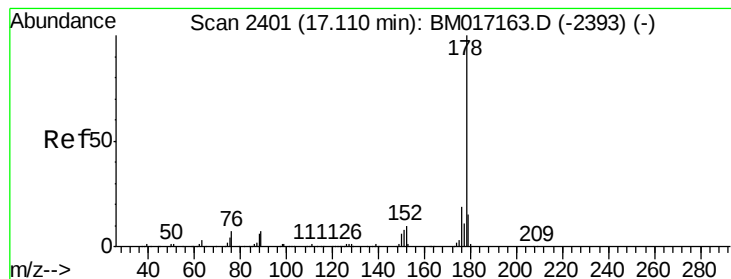
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#70
Pentachlorophenol
Concen: 72.408 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.7	76.1
264	63.1	50.4	75.6





#71

Phenanthrene

Concen: 42.629 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion:178 Resp: 4737429

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

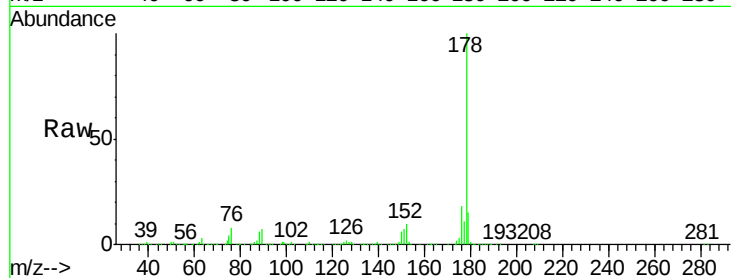
179 15.1 12.3 18.5

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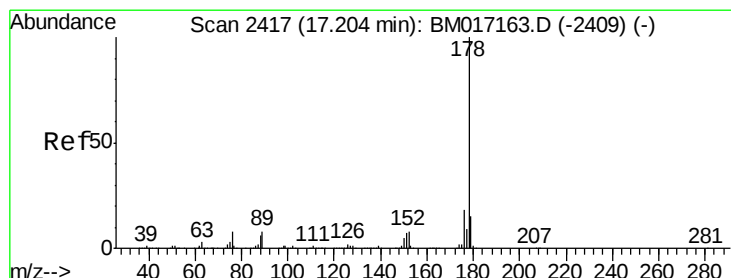
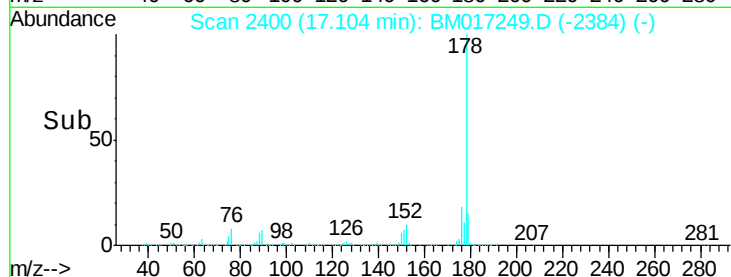
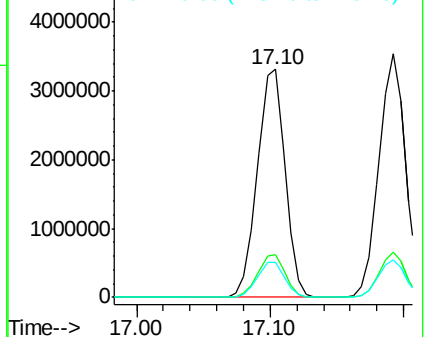
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.733 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion:178 Resp: 4829158

Ion Ratio Lower Upper

178 100

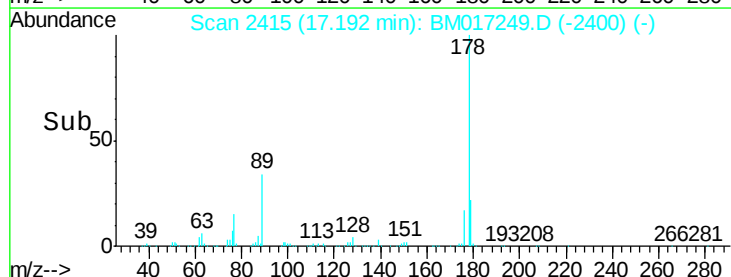
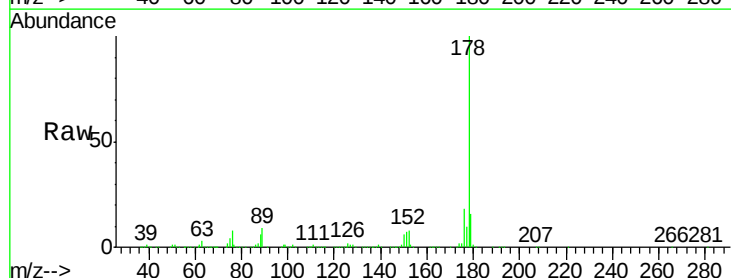
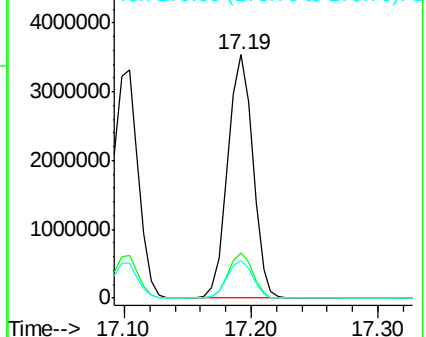
176 18.4 14.5 21.7

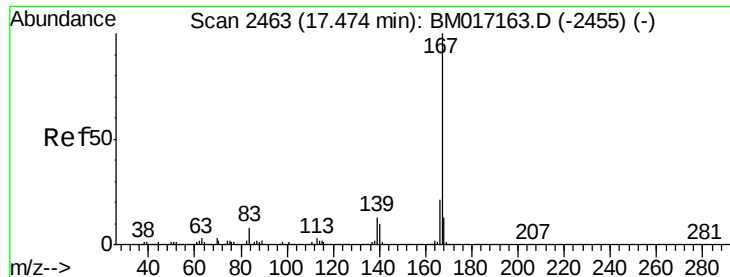
179 15.6 12.2 18.2

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





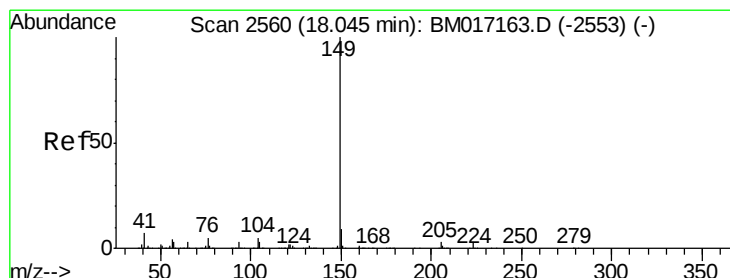
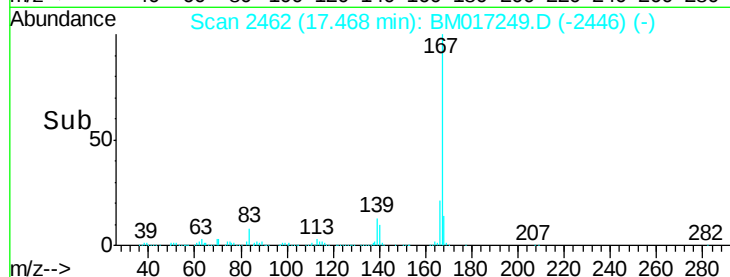
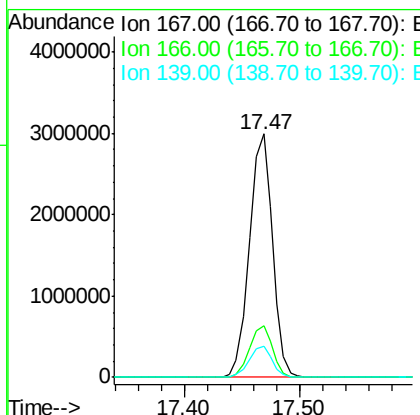
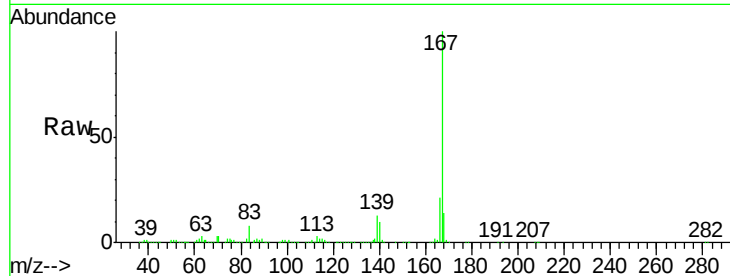
#73
 Carbazole
 Concen: 38.624 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :
 PB113953BS

Tgt Ion:167 Resp: 4166224
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 12.8 10.1 15.1

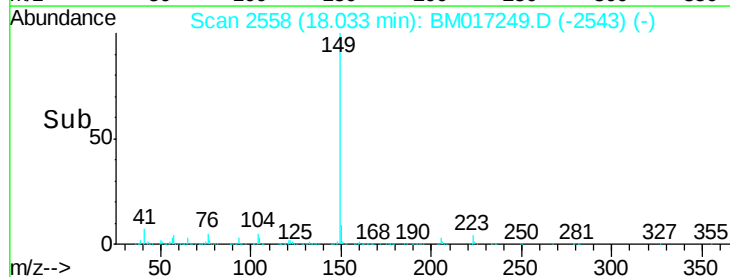
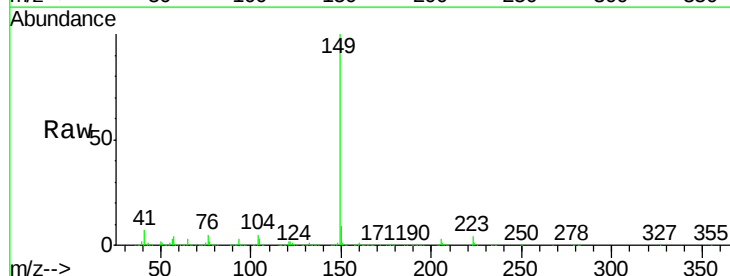
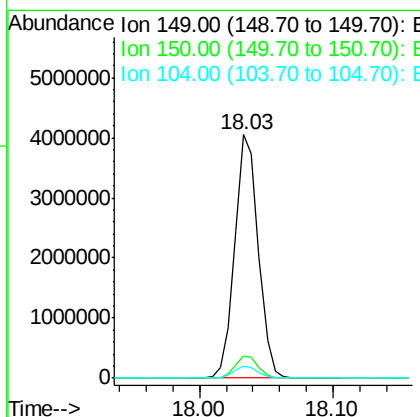
Manual Integrations
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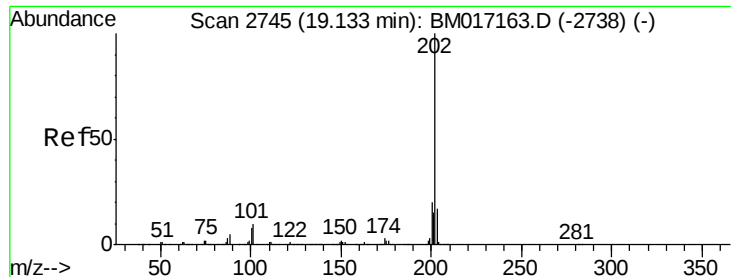
Sohil
 10/22/2018 1:09:34 PM



#74
 Di-n-butylphthalate
 Concen: 43.716 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017249.D
 Acq: 20 Oct 2018 04:12

Tgt Ion:149 Resp: 4973515
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 40.934 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

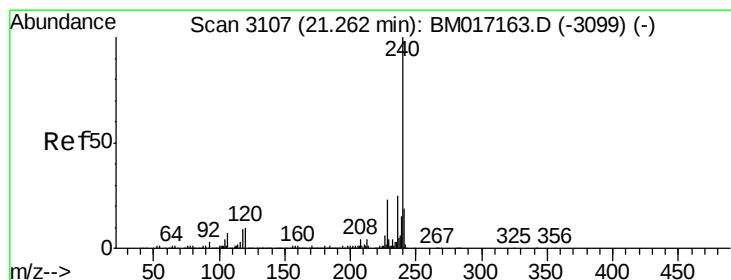
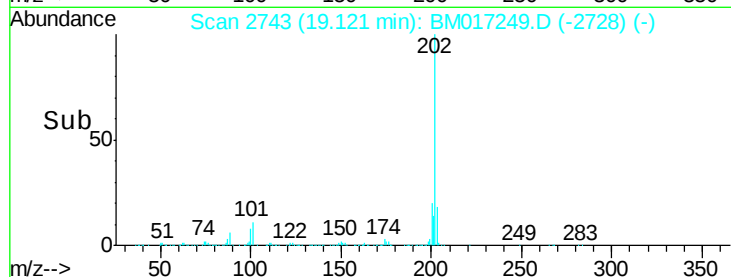
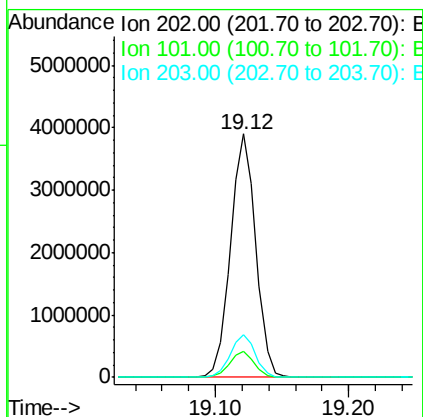
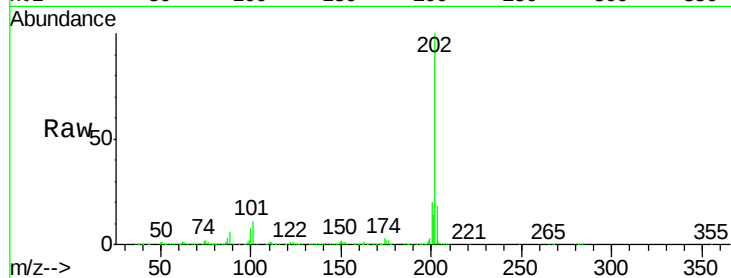
ClientSampleId :

PB113953BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.0
203	17.7	0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

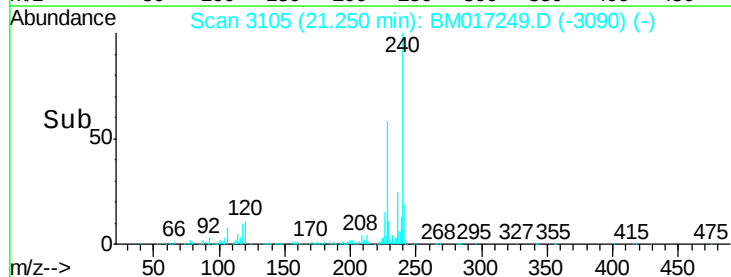
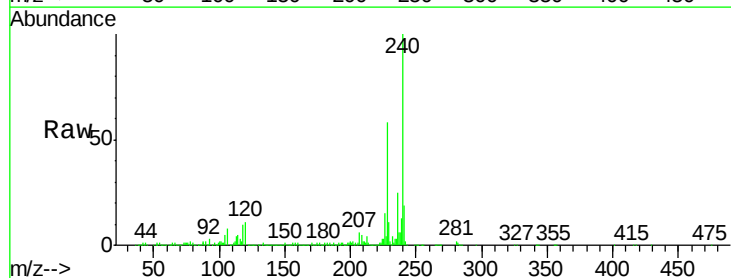
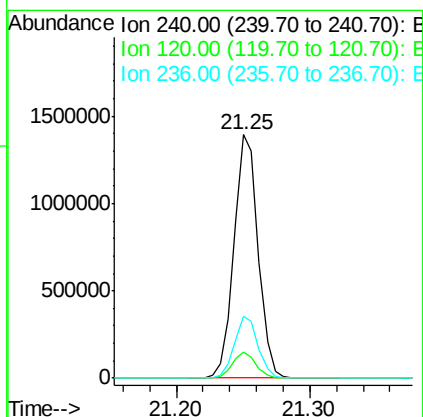
RT: 21.25 min Scan# 3105

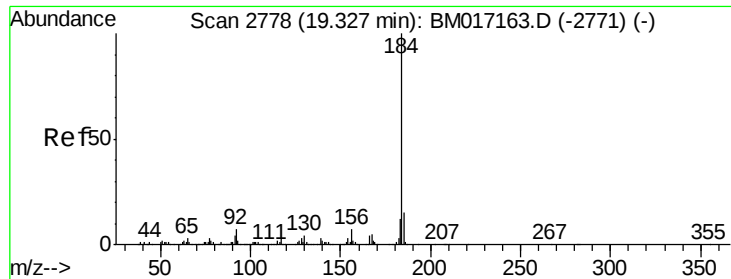
Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	25.5	19.9	29.9





#77

Benzidine

Concen: 60.526 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion:184 Resp: 2699468

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.8

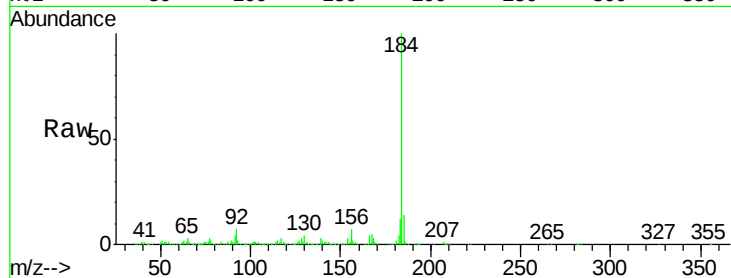
183 11.9 9.7 14.5

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Sohil

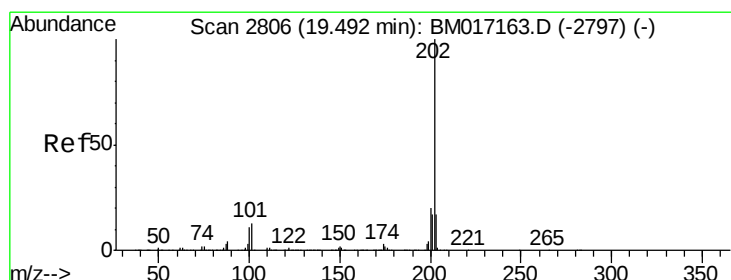
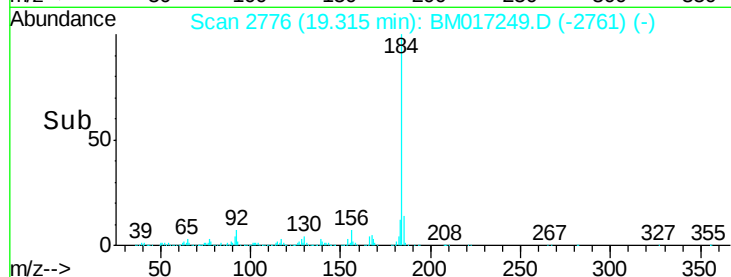
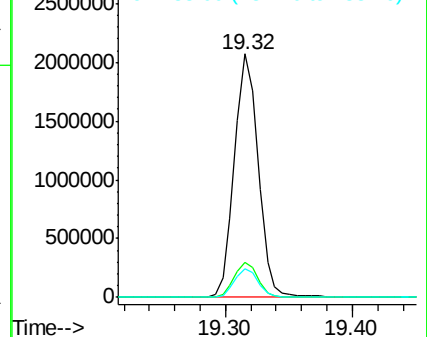
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.735 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

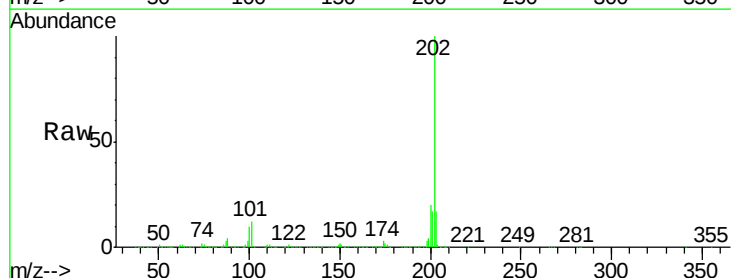
Tgt Ion:202 Resp: 5085921

Ion Ratio Lower Upper

202 100

200 20.2 16.3 24.5

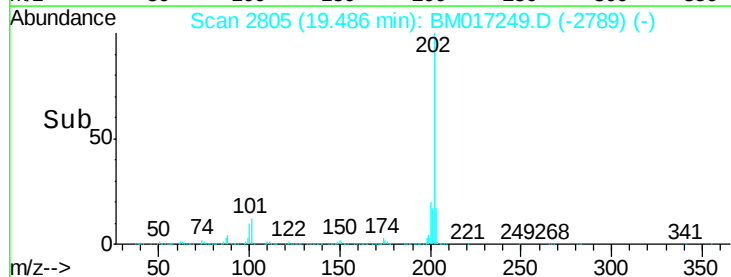
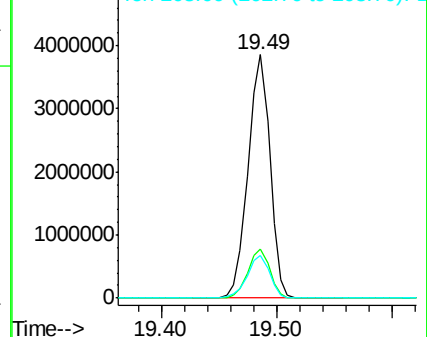
203 17.3 13.9 20.9

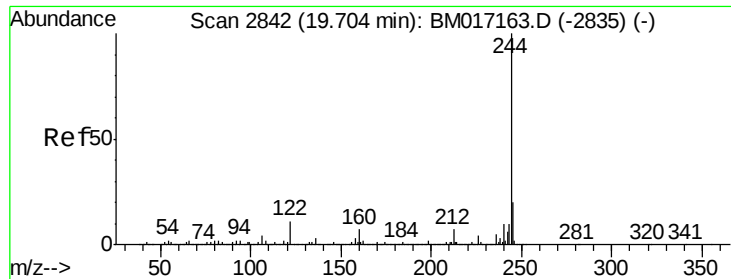


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.590 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion:244 Resp: 6835124

Ion Ratio Lower Upper

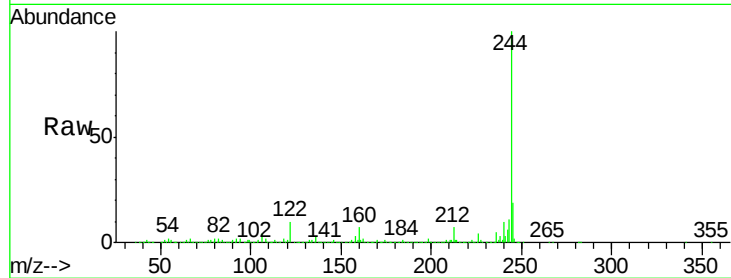
244 100

212 7.1 5.5 8.3

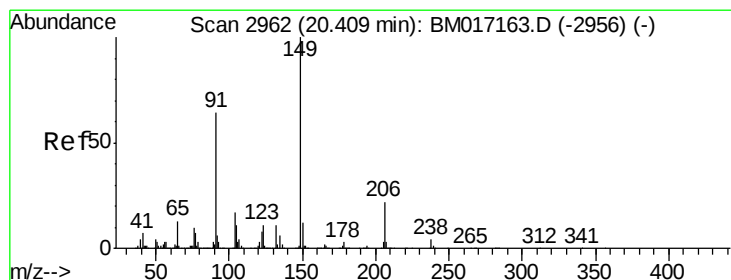
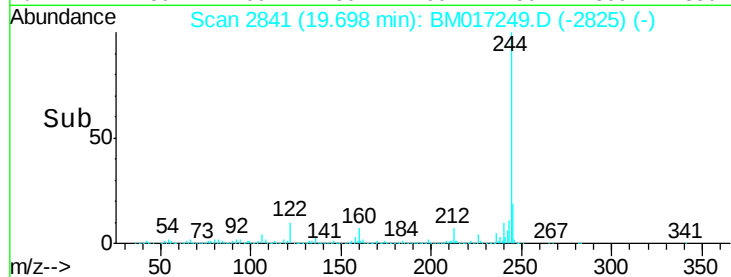
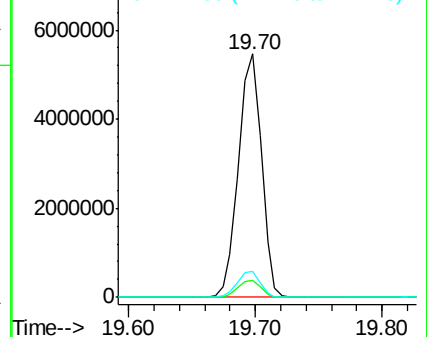
122 10.5 8.4 12.6

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



#80

Butylbenzylphthalate

Concen: 52.587 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

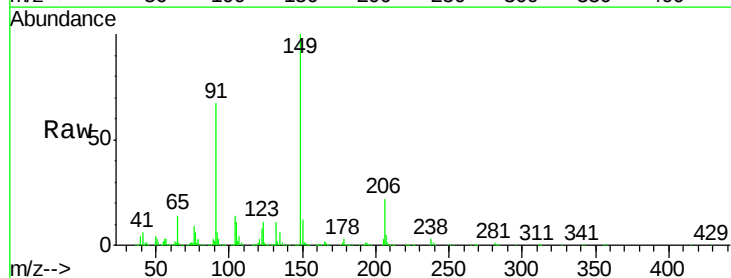
Tgt Ion:149 Resp: 1997377

Ion Ratio Lower Upper

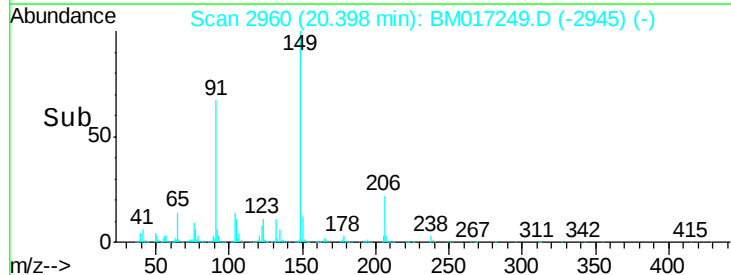
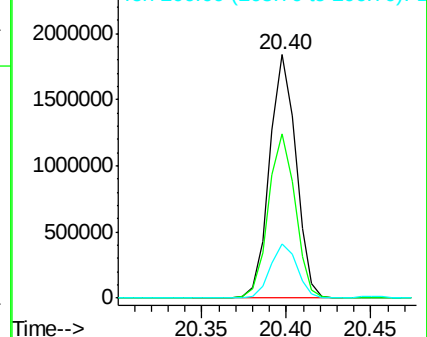
149 100

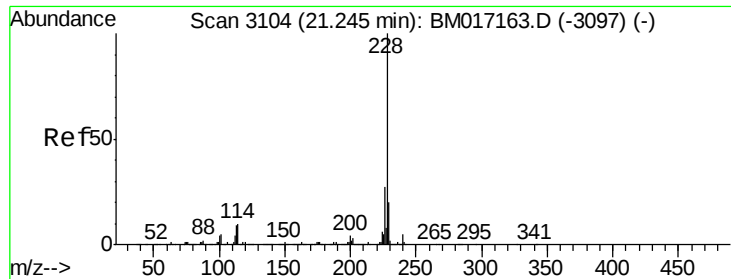
91 67.3 51.3 76.9

206 22.0 18.0 27.0



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





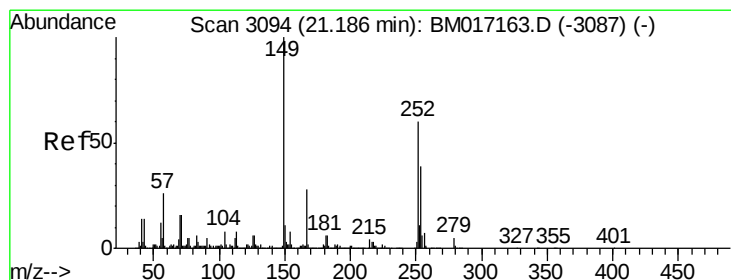
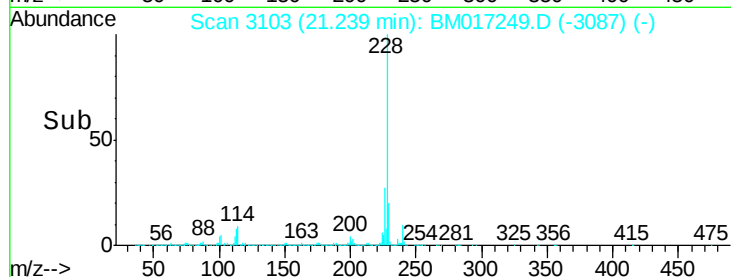
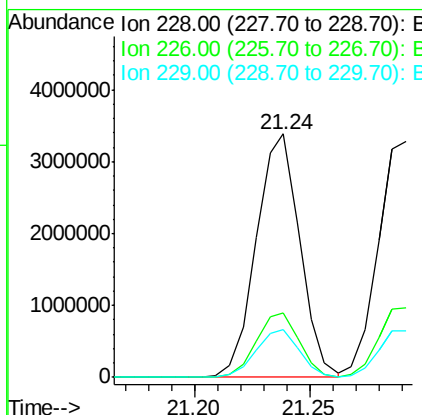
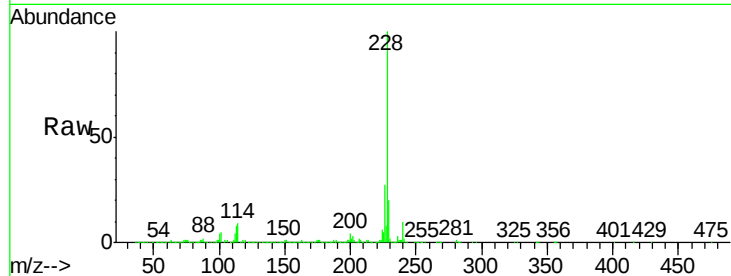
#81
Benzo(a)anthracene
Concen: 44.881 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion:228 Resp: 4442427
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 19.6 15.9 23.9

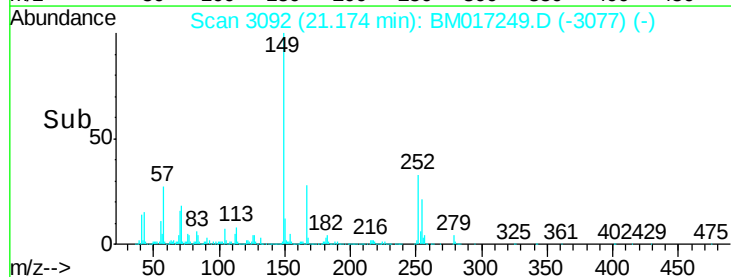
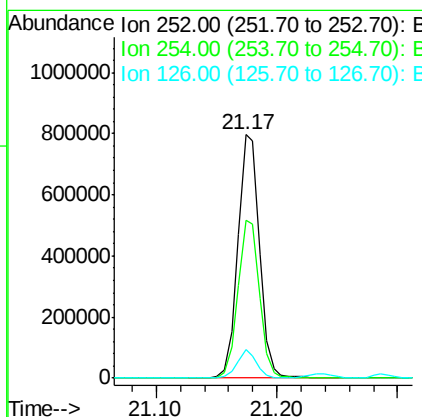
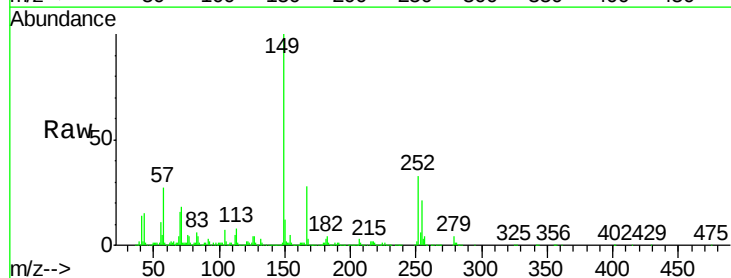
Manual Integrations
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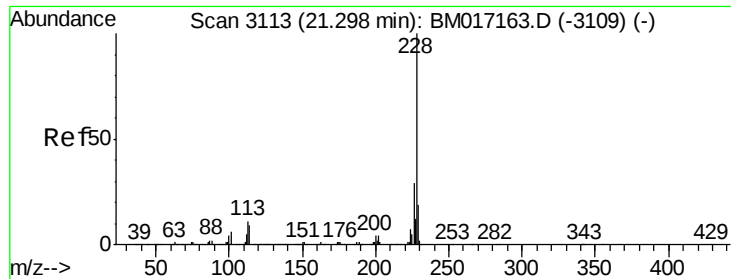
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 27.002 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:252 Resp: 996129
Ion Ratio Lower Upper
252 100
254 64.9 52.1 78.1
126 11.5 8.6 12.8





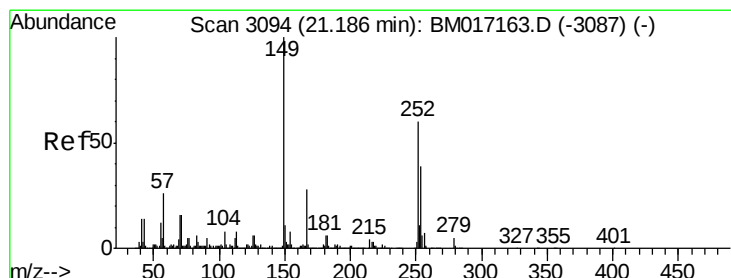
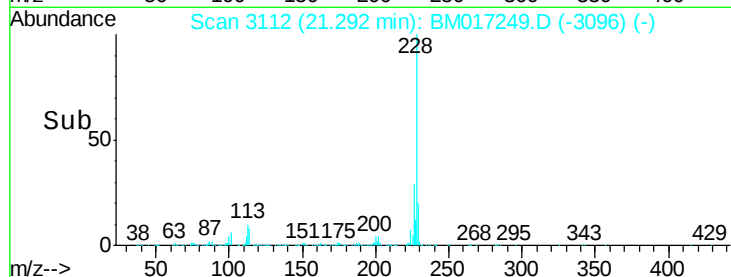
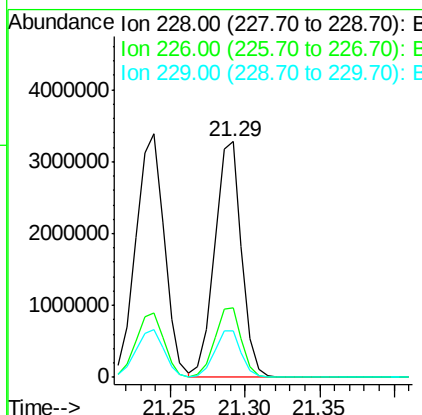
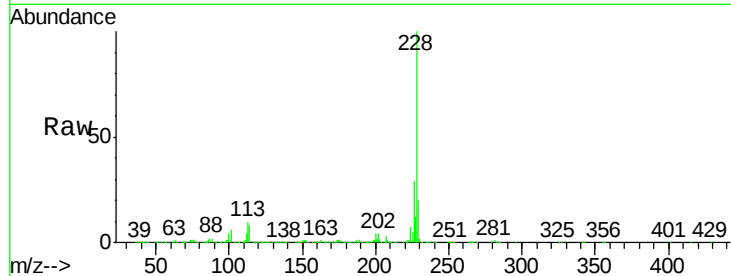
#83
Chrysene
Concen: 42.103 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion: 228 Resp: 4124891
Ion Ratio Lower Upper
228 100
226 29.4 23.3 34.9
229 19.5 15.6 23.4

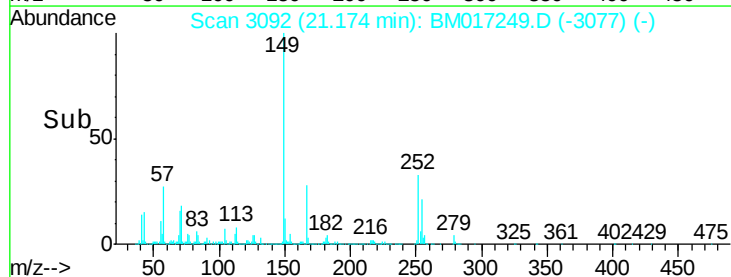
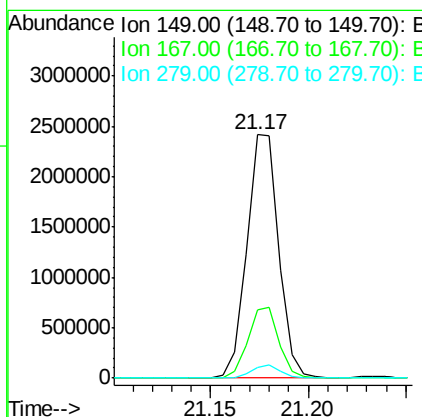
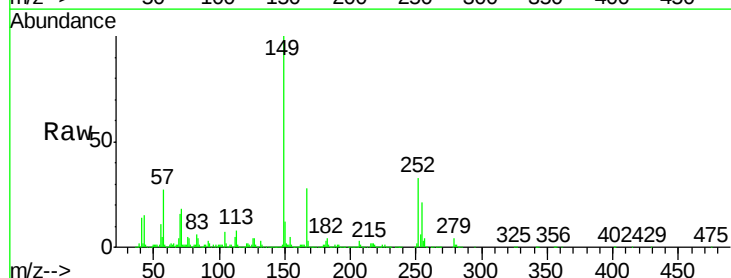
Manual Integrations
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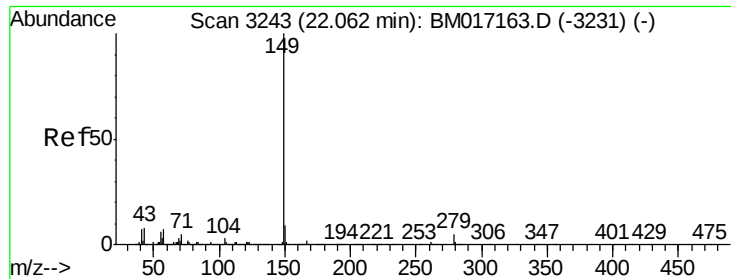
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.591 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion: 149 Resp: 2721024
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.4
279 4.3 3.6 5.4





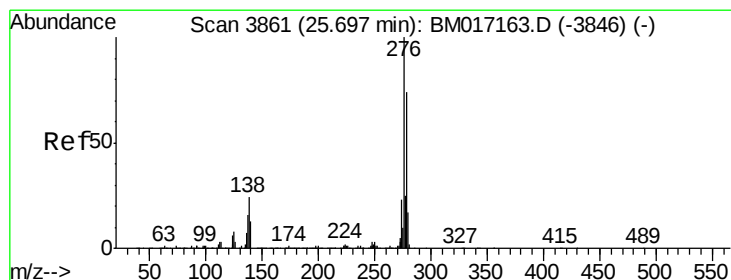
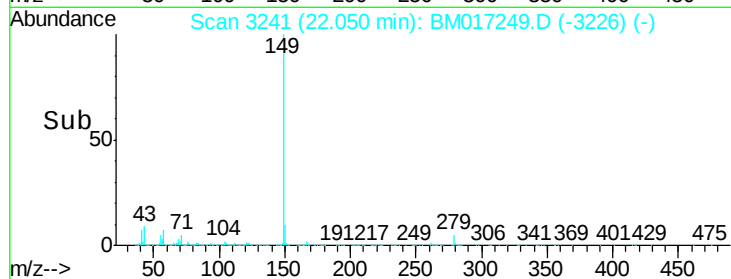
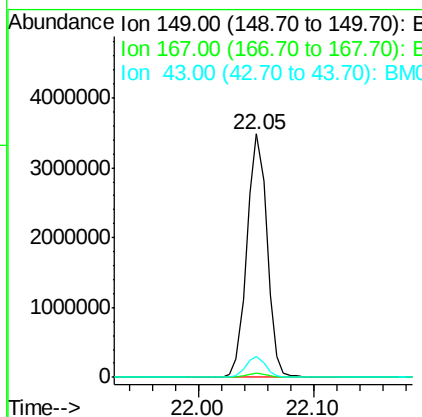
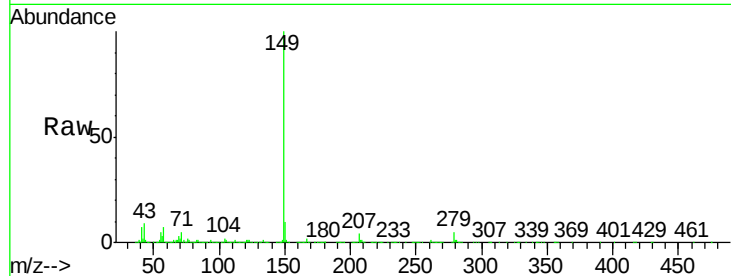
#85
Di-n-octyl phthalate
Concen: 43.924 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion:149 Resp: 4207153
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.6 7.2 10.8

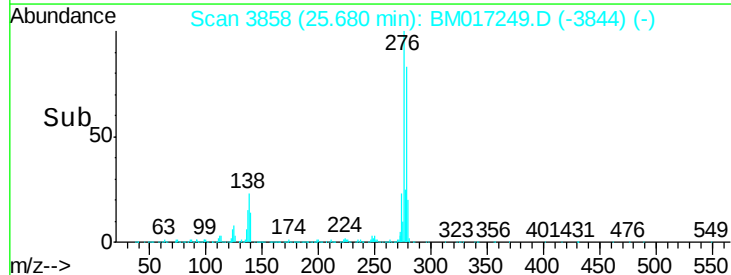
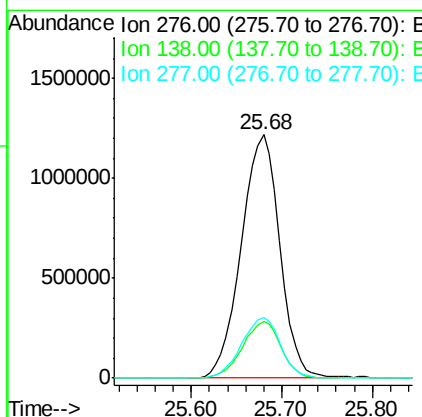
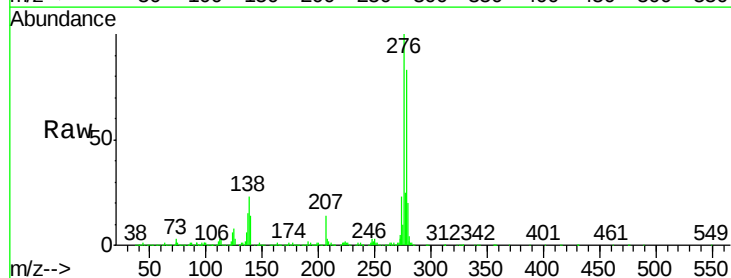
Manual Integrations
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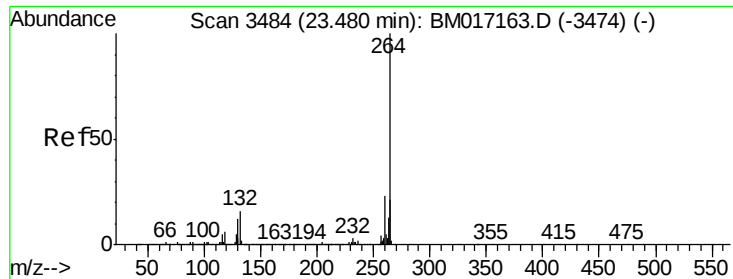
Sohil
10/22/2018 1:09:34 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.778 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:276 Resp: 3591876
Ion Ratio Lower Upper
276 100
138 23.3 19.5 29.3
277 25.4 20.1 30.1





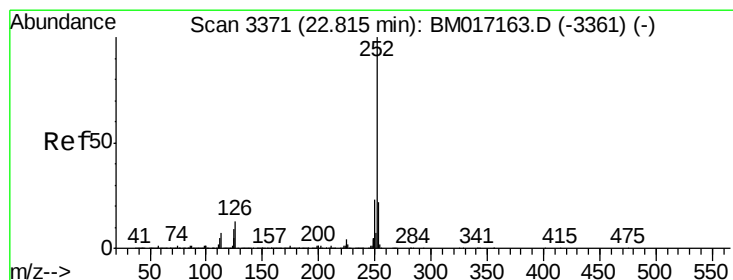
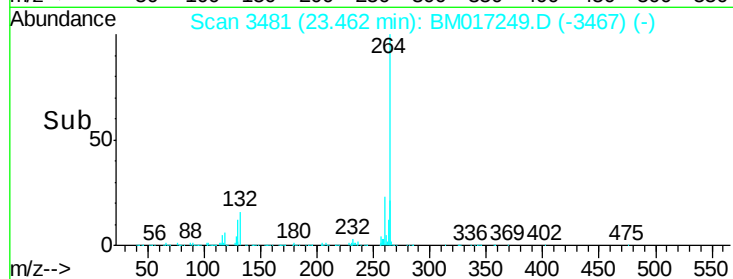
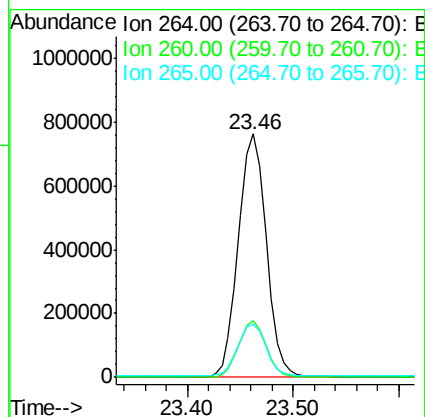
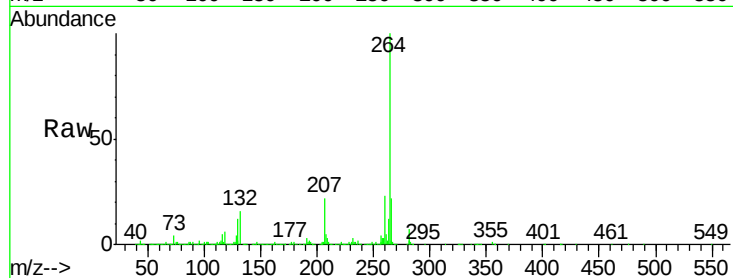
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion:264 Resp: 1407948
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.9 17.8 26.8

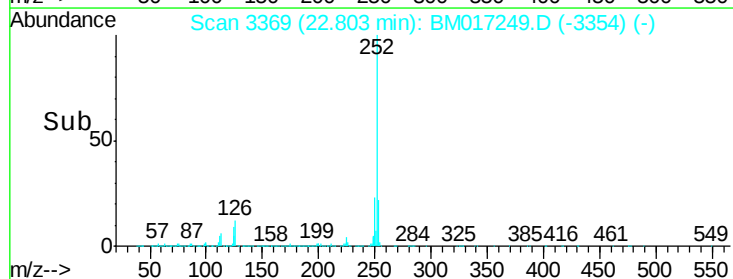
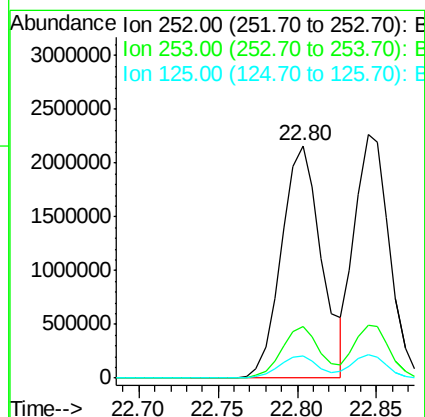
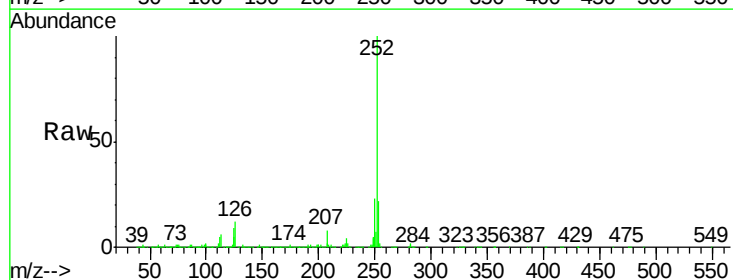
Manual Integrations
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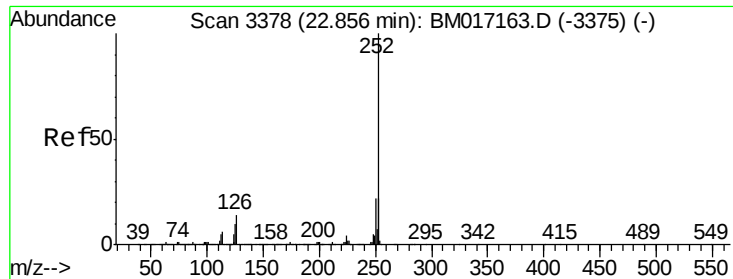
Sohil
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#88
Benzo(b)fluoranthene
Concen: 49.116 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion:252 Resp: 3780836
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.3 7.5 11.3





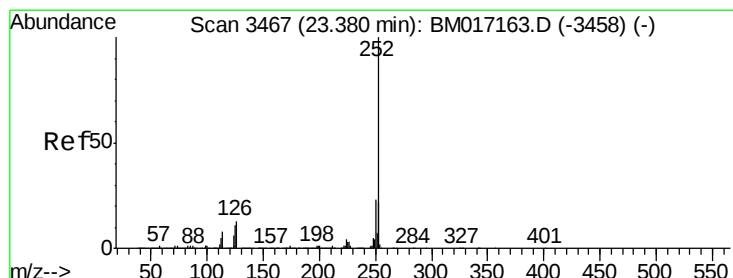
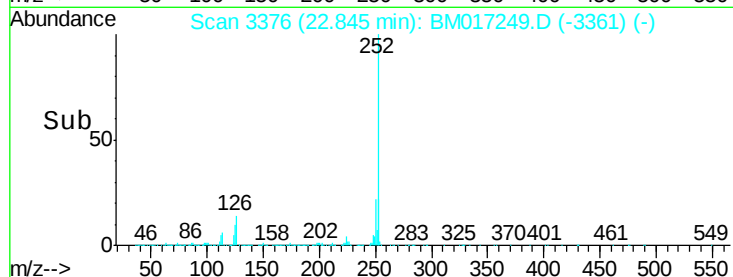
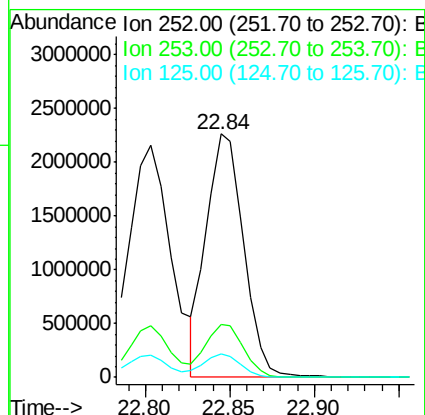
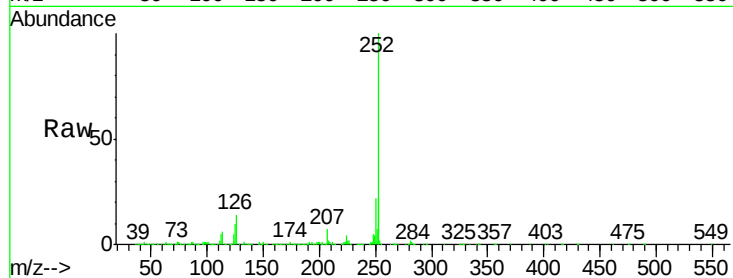
#89
Benzo(k)fluoranthene
Concen: 44.800 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Instrument :
BNA_M
ClientSampleId :
PB113953BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.6	8.2	12.2

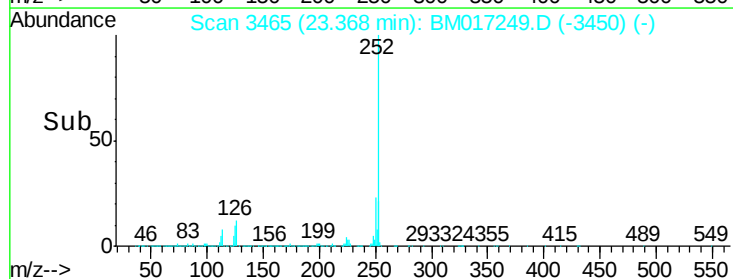
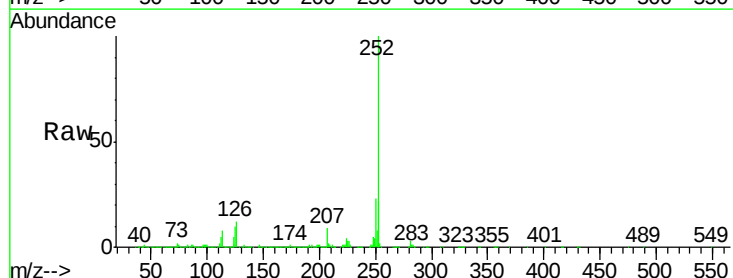
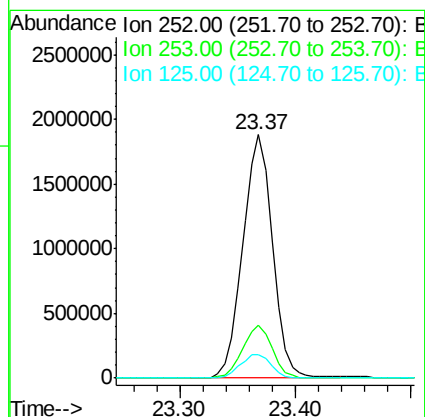
Manual Integrations
APPROVED

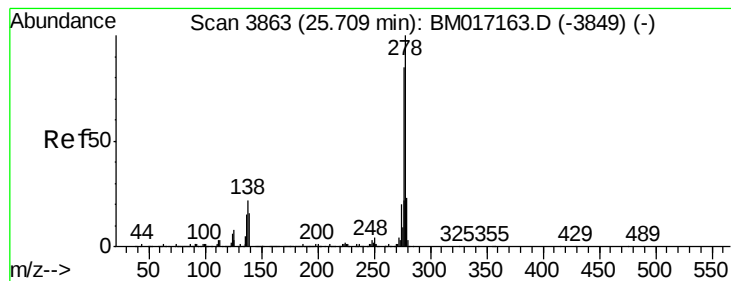
Sohil
10/22/2018 1:09:34 PM



#90
Benzo(a)pyrene
Concen: 46.023 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017249.D
Acq: 20 Oct 2018 04:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	9.8	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 41.777 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

Instrument :

BNA_M

ClientSampleId :

PB113953BS

Tgt Ion:278 Resp: 3031886

Ion Ratio Lower Upper

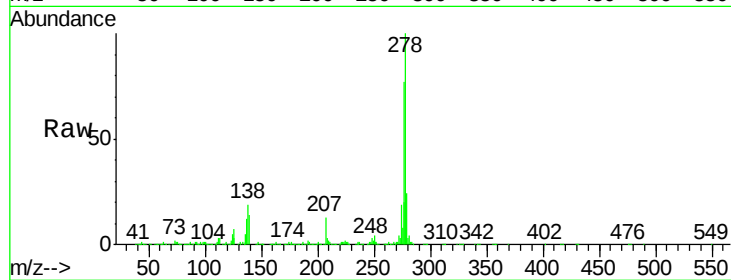
278 100

139 14.5 12.7 19.1

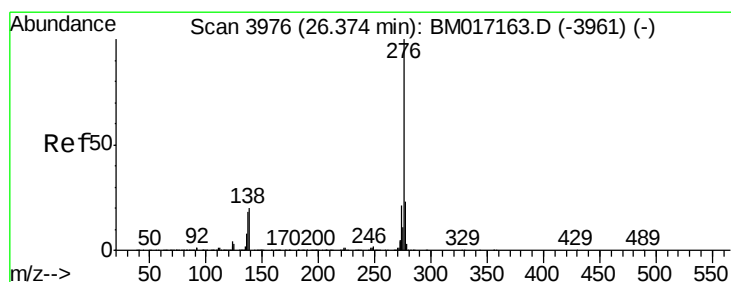
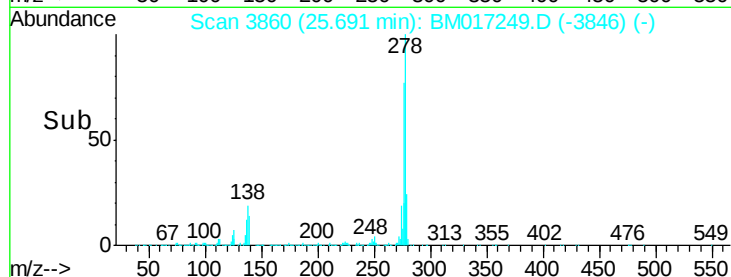
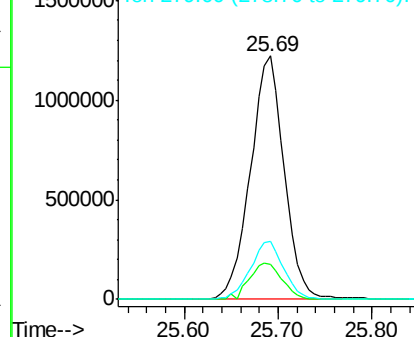
279 23.8 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:34 PM



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



#92

Benzo(g,h,i)perylene

Concen: 41.749 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017249.D

Acq: 20 Oct 2018 04:12

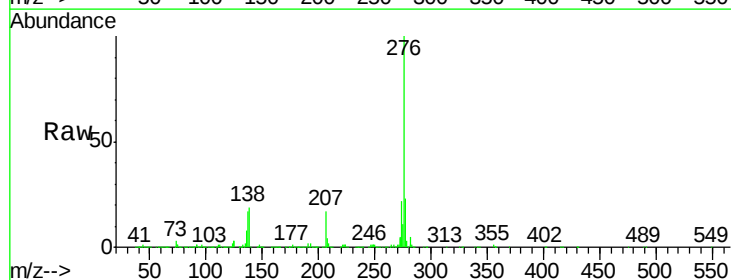
Tgt Ion:276 Resp: 3002980

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 19.2 16.4 24.6



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

