

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
 Data File : BM017282.D
 Acq On : 22 Oct 2018 17:03
 Operator : MJ/SJ
 Sample : PB113963BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Manual Integrations
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Sohil
 10/23/2018 2:21:00 PM

Quant Time: Oct 23 07:55:19 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	479099	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	2123179	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	1159454	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	2379083	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1840595	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1631243	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	4452902	157.20	ng	0.00
7) Phenol-d6	6.86	99	5854713	151.76	ng	0.00
23) Nitrobenzene-d5	8.82	82	2893996	79.72	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	2135146	136.17	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	6731187	77.24	ng	-0.01
79) Terphenyl-d14	19.69	244	7395429	90.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	316325	21.869	ng	89
3) Pyridine	3.64	79	926937	27.851	ng	88
4) n-Nitrosodimethylamine	3.56	42	531643	39.791	ng	# 73
6) Aniline	7.01	93	1905532	39.489	ng	99
8) 2-Chlorophenol	7.24	128	1505431	45.938	ng	99
9) Benzaldehyde	6.82	77	818095	33.258	ng	95
10) Phenol	6.89	94	1815687	43.730	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	1318640	39.839	ng	99
12) 1,3-Dichlorobenzene	7.55	146	1495232	39.141	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1546823	39.632	ng	97
14) 1,2-Dichlorobenzene	8.01	146	1492280	39.684	ng	99
15) Benzyl Alcohol	7.91	79	1286236	45.612	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1784573	38.592	ng	99
17) 2-Methylphenol	8.11	107	1231954	46.226	ng	99
18) Hexachloroethane	8.73	117	551421	41.284	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	1060331	41.740	ng	98
20) 3+4-Methylphenols	8.44	107	1650874	45.291	ng	98
22) Acetophenone	8.49	105	2117019	39.335	ng	# 99
24) Nitrobenzene	8.86	77	1565480	40.768	ng	98
25) Isophorone	9.39	82	2847613	47.503	ng	98
26) 2-Nitrophenol	9.56	139	808277	45.335	ng	98
27) 2,4-Dimethylphenol	9.63	122	1377626	51.972	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	1819380	43.121	ng	100
29) 2,4-Dichlorophenol	10.09	162	1409054	45.784	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	1466210	39.713	ng	99
31) Naphthalene	10.49	128	4419079	42.471	ng	99
32) Benzoic acid	9.79	122	683440	34.556	ng	94
33) 4-Chloroaniline	10.60	127	1012051	22.521	ng	98
34) Hexachlorobutadiene	10.77	225	913238	39.039	ng	98
35) Caprolactam	11.42	113	405563m	36.159	ng	
36) 4-Chloro-3-methylphenol	11.74	107	1460586	42.102	ng	97
37) 2-Methylnaphthalene	12.10	142	3274846	45.995	ng	99
38) 1-Methylnaphthalene	12.33	142	3066666	44.253	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1668487	40.862	ng	99

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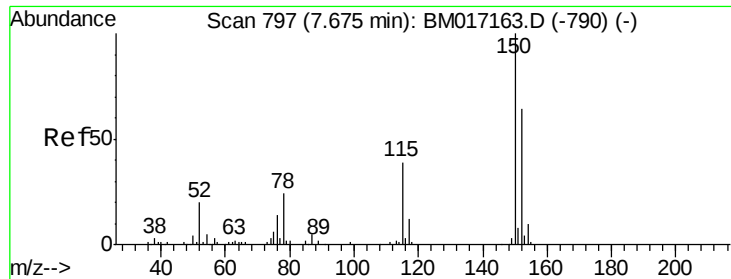
Manual Integrations
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Quant Time: Oct 23 07:55:19 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	2099117	106.340	ng	97
43) 2,4,6-Trichlorophenol	12.73	196	1107519	46.725	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	1162228	45.725	ng	98
46) 1,1'-Biphenyl	13.13	154	4017541	38.505	ng	99
47) 2-Chloronaphthalene	13.17	162	3107844	40.488	ng	99
48) 2-Nitroaniline	13.39	65	887176	41.751	ng	98
49) Acenaphthylene	14.03	152	4966047	44.634	ng	100
50) Dimethylphthalate	13.78	163	3707666	41.448	ng	100
51) 2,6-Dinitrotoluene	13.89	165	823342	41.819	ng	97
52) Acenaphthene	14.37	154	2883883	41.282	ng	99
53) 3-Nitroaniline	14.22	138	619842	29.069	ng	94
54) 2,4-Dinitrophenol	14.43	184	263959	28.730	ng	97
55) Dibenzofuran	14.71	168	4542410	39.101	ng	100
56) 4-Nitrophenol	14.55	139	1792132	91.497	ng	98
57) 2,4-Dinitrotoluene	14.69	165	1117317	42.224	ng	100
58) Fluorene	15.36	166	3598314	41.847	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	1005789	43.411	ng	99
60) Diethylphthalate	15.15	149	3653678	41.186	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1845384	37.644	ng	96
62) 4-Nitroaniline	15.40	138	805965	35.269	ng	97
63) Azobenzene	15.65	77	3458574	40.111	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	287679	23.086	ng	97
66) n-Nitrosodiphenylamine	15.58	169	3160387	43.907	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	1167121	44.679	ng	95
68) Hexachlorobenzene	16.36	284	1240739	40.889	ng	98
69) Atrazine	16.54	200	1121679	43.541	ng	99
70) Pentachlorophenol	16.71	266	1251176	60.192	ng	98
71) Phenanthrene	17.10	178	5339994	41.602	ng	99
72) Anthracene	17.19	178	5458352	44.754	ng	99
73) Carbazole	17.46	167	4701858	37.740	ng	99
74) Di-n-butylphthalate	18.03	149	5820995	44.298	ng	99
75) Fluoranthene	19.12	202	5659230	39.181	ng	99
77) Benzidine	19.32	184	3099031	66.402	ng	98
78) Pyrene	19.48	202	5478271	53.253	ng	99
80) Butylbenzylphthalate	20.39	149	2299077	57.127	ng	93
81) Benzo(a)anthracene	21.23	228	4550440	43.933	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1209698	31.336	ng	100
83) Chrysene	21.29	228	4298977	41.933	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	3130841	51.801	ng	99
85) Di-n-octyl phthalate	22.04	149	4714367	46.641	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	4645153	40.509	ng	99
88) Benzo(b)fluoranthene	22.80	252	4136484	46.380	ng	100
89) Benzo(k)fluoranthene	22.84	252	3857868	43.109	ng	99
90) Benzo(a)pyrene	23.36	252	3885928	45.890	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3891152	46.277	ng	98
92) Benzo(g,h,i)perylene	26.35	276	3985815	47.828	ng	99

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



#1

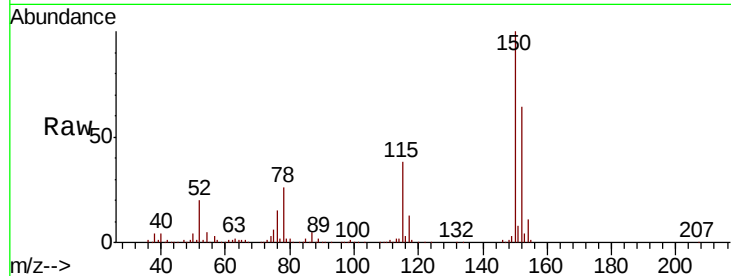
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.3	186.5
115	59.4	48.1	72.1

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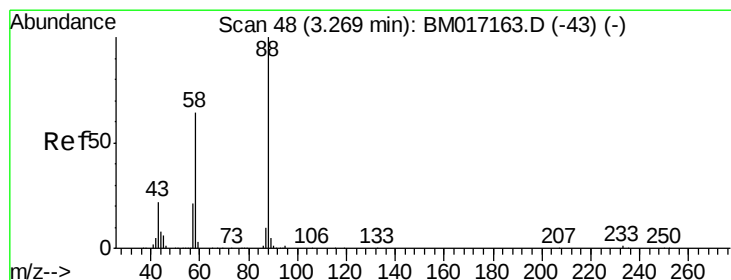
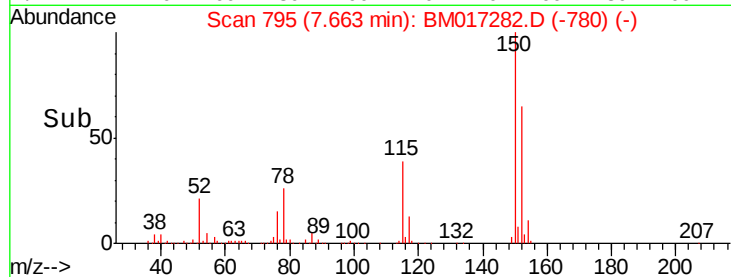
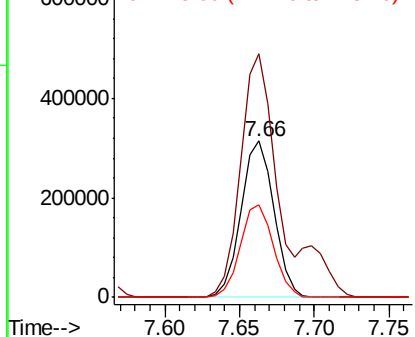


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

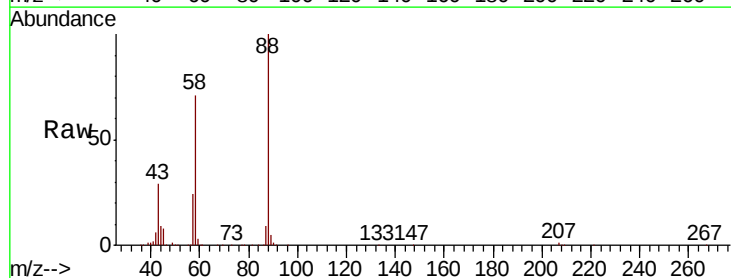
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 21.869 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	50.2	75.4
43	28.4	19.3	28.9

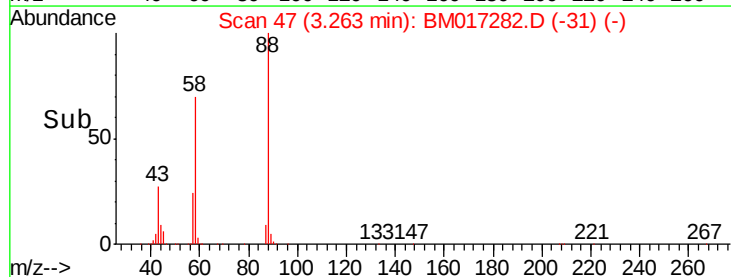
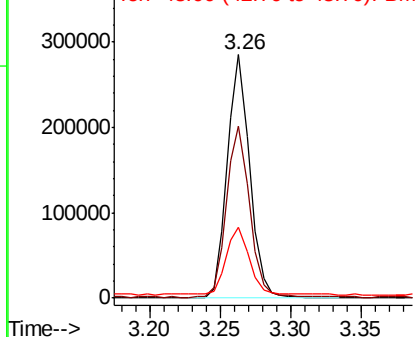


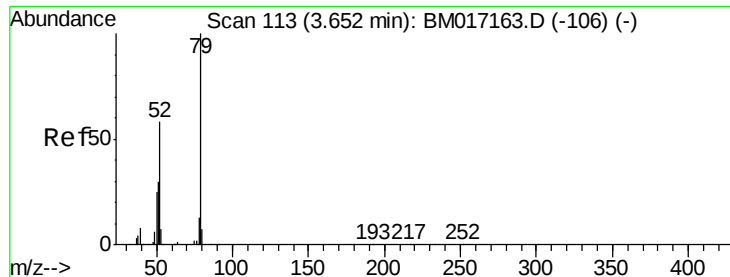
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 27.851 ng

RT: 3.64 min Scan# 111

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

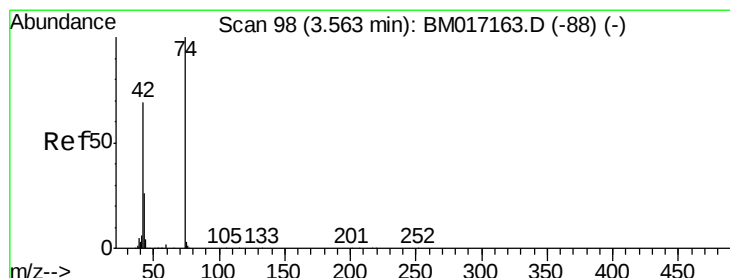
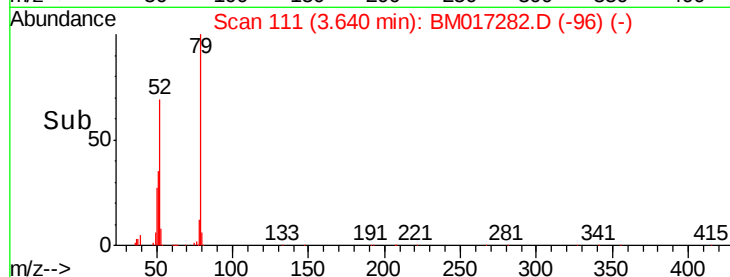
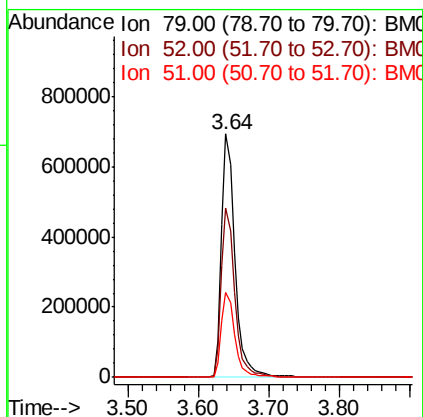
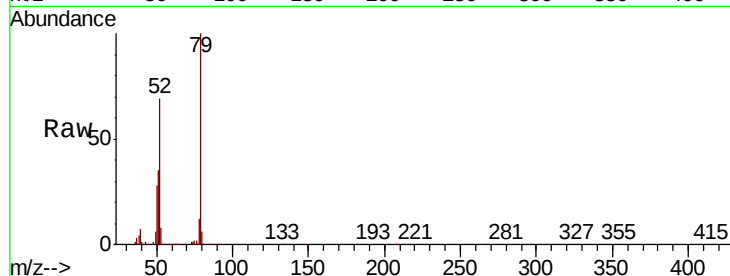
ClientSampleId :

PB113963BS

Tot Ion:	79	Resp:	926937
Ion Ratio	Lower	Upper	
79	100		
52	69.5	46.5	69.7
51	34.7	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 39.791 ng

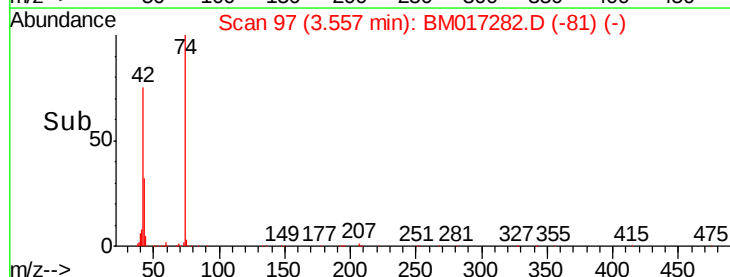
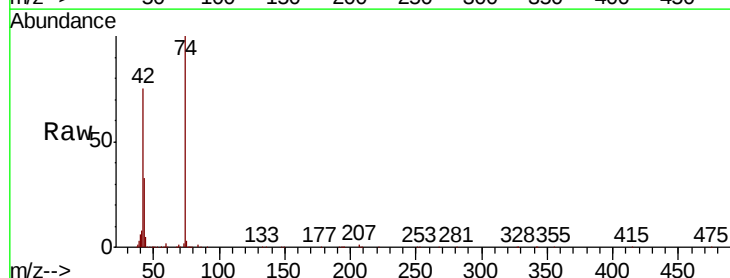
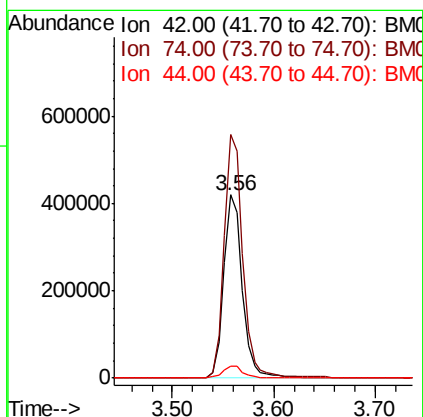
RT: 3.56 min Scan# 97

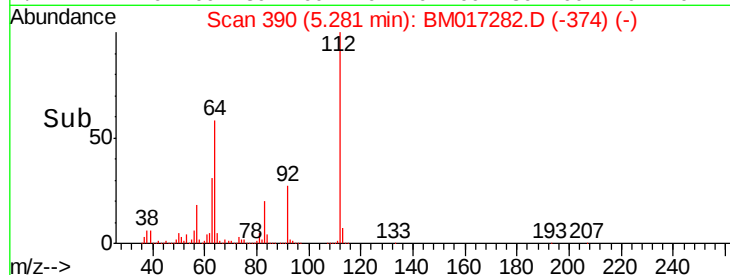
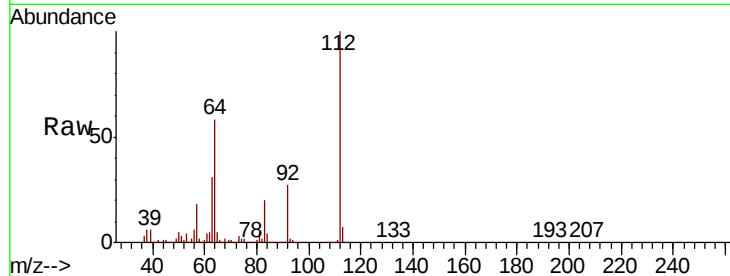
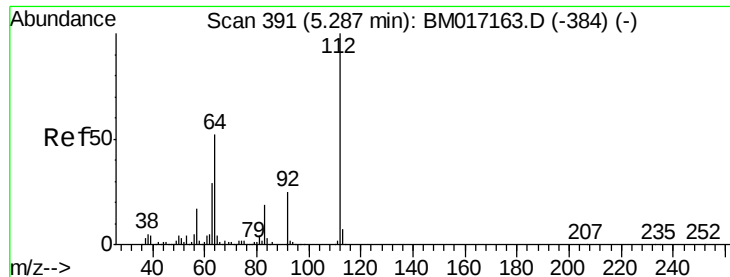
Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion:	42	Resp:	531643
Ion Ratio	Lower	Upper	
42	100		
74	132.8	114.4	171.6
44	6.5	48.6	73.0#





#5

2-Fluorophenol

Concen: 157.198 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tot Ion:	112	Resp:	4452902
Ion	Ratio	Lower	Upper
112	100		
64	58.5	41.7	62.5
63	30.7	23.0	34.4

Instrument :

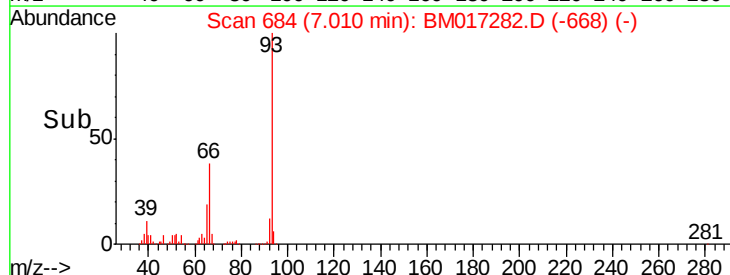
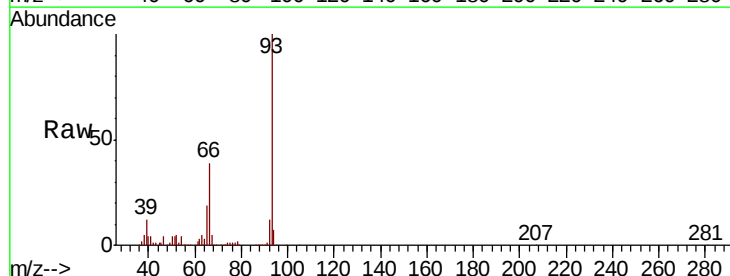
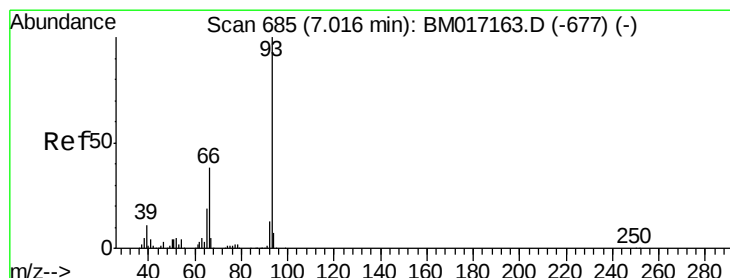
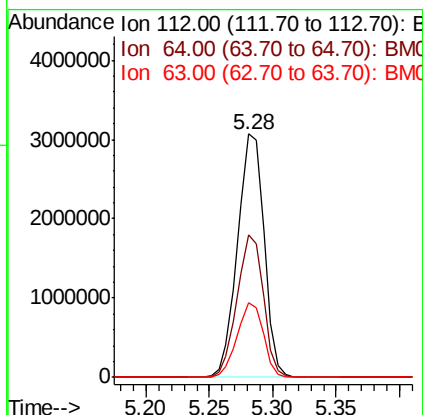
BNA_M

ClientSampleId :

PB113963BS

Manual Integrations
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#6

Aniline

Concen: 39.489 ng

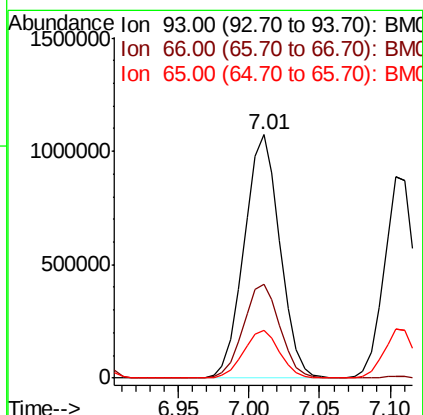
RT: 7.01 min Scan# 684

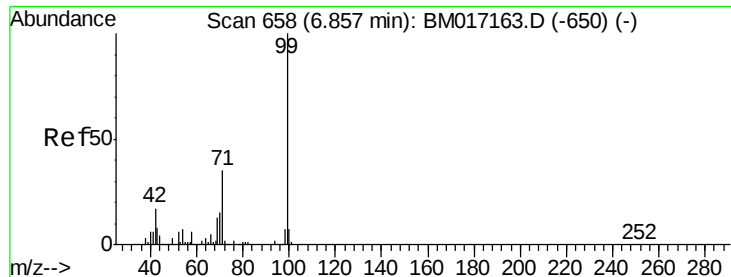
Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion:	93	Resp:	1905532
Ion	Ratio	Lower	Upper
93	100		
66	38.6	30.4	45.6
65	19.5	15.3	22.9





#7

Phenol-d6

Concen: 151.758 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tot Ion: 99 Resp: 5854713

Ion Ratio Lower Upper

99 100

42 17.4 13.3 19.9

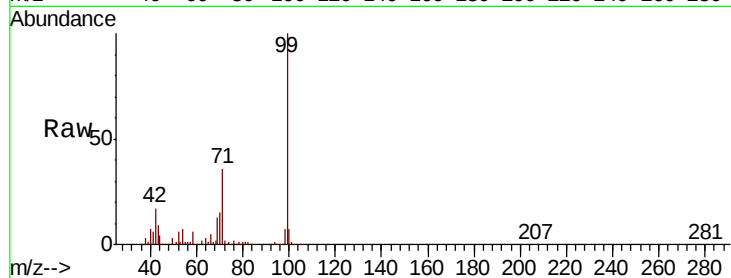
71 35.9 28.0 42.0

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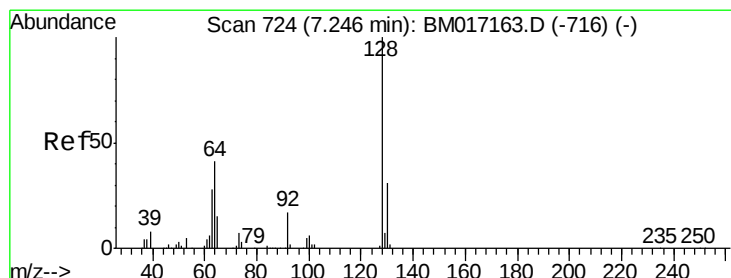
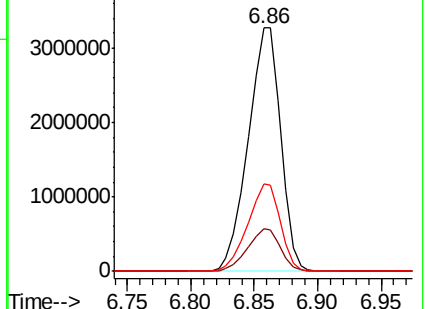
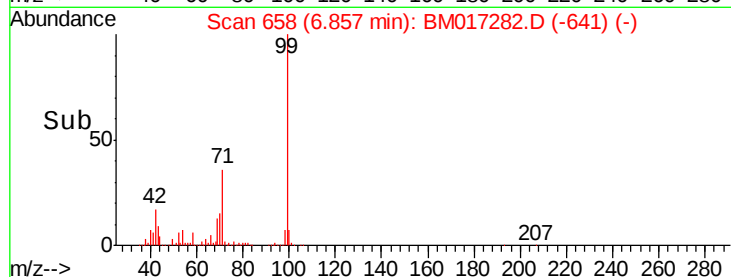
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Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

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: 45.938 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

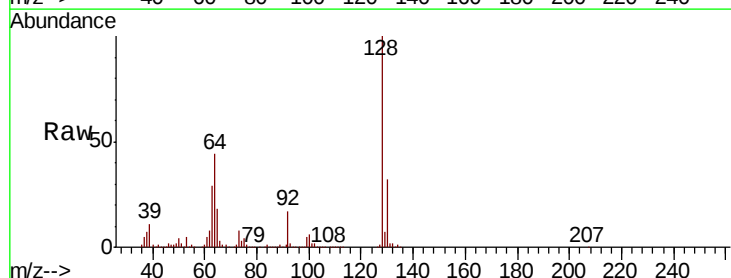
Tgt Ion:128 Resp: 1505431

Ion Ratio Lower Upper

128 100

130 32.5 11.0 51.0

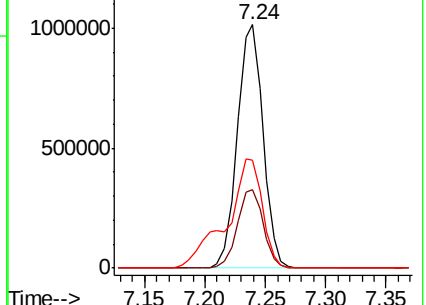
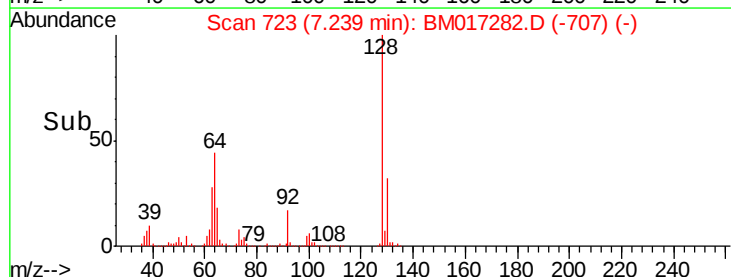
64 44.5 24.1 64.1

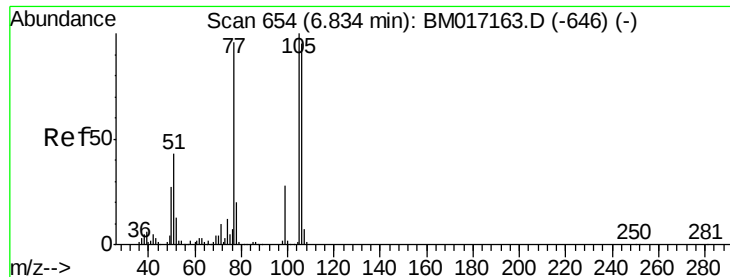


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

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: 33.258 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

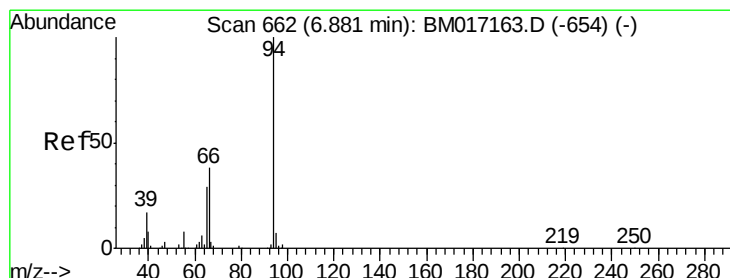
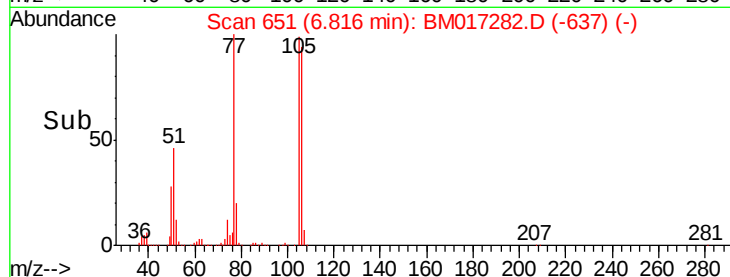
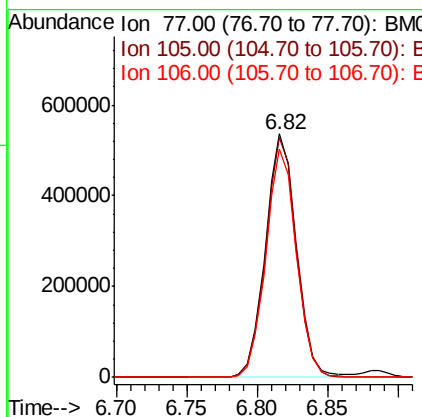
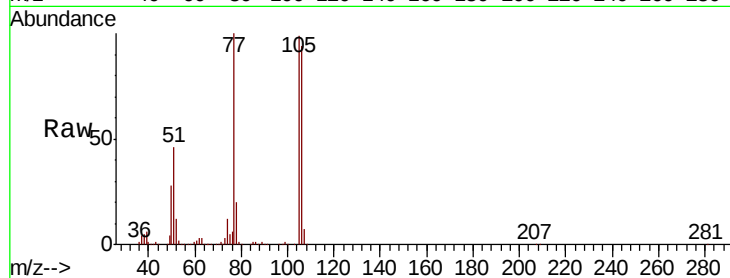
ClientSampleId :

PB113963BS

Tot Ion:	77	Resp:	818095
Ion	Ratio	Lower	Upper
77	100		
105	98.7	83.9	123.9
106	93.5	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 43.730 ng

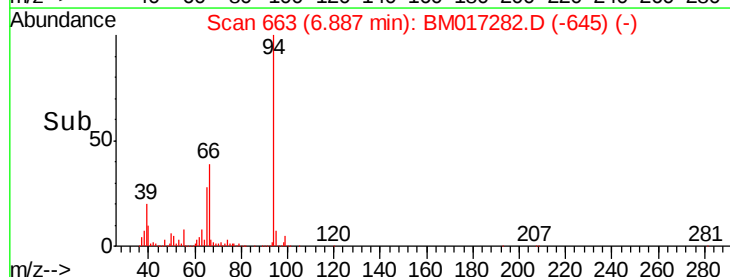
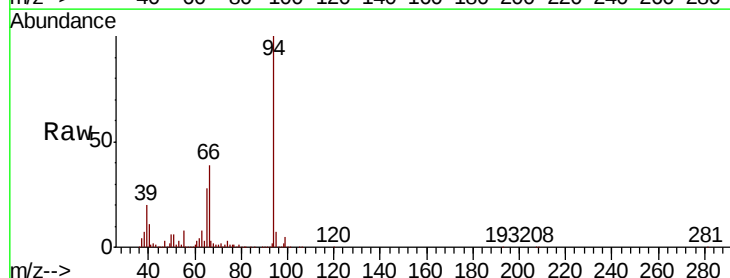
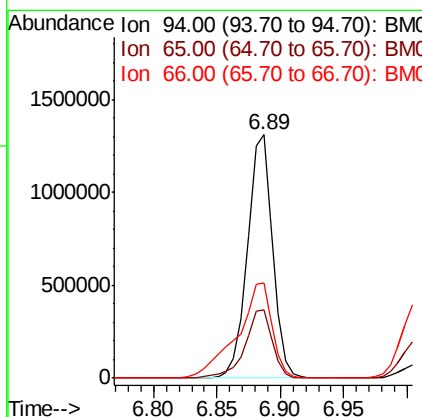
RT: 6.89 min Scan# 663

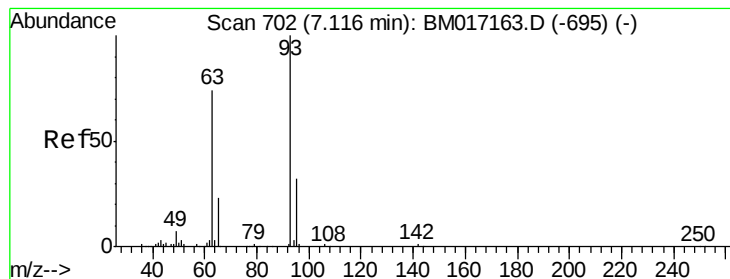
Delta R.T. 0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion:	94	Resp:	1815687
Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.4	49.4
66	39.1	19.0	59.0





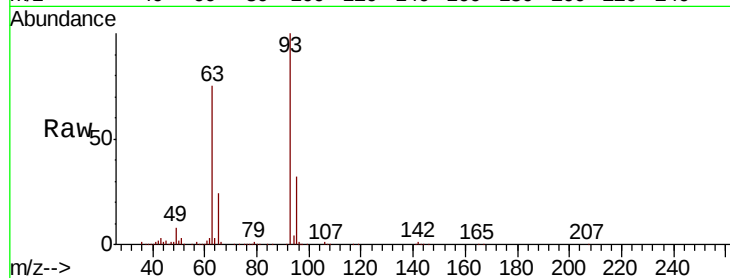
#11
bis(2-Chloroethyl)ether
Concen: 39.839 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleID :
PB113963BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	54.0	94.0
95	32.3	11.8	51.8

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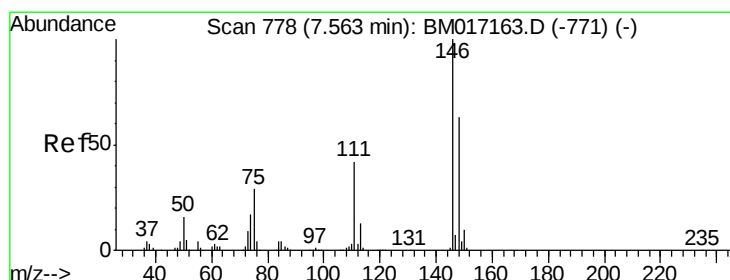
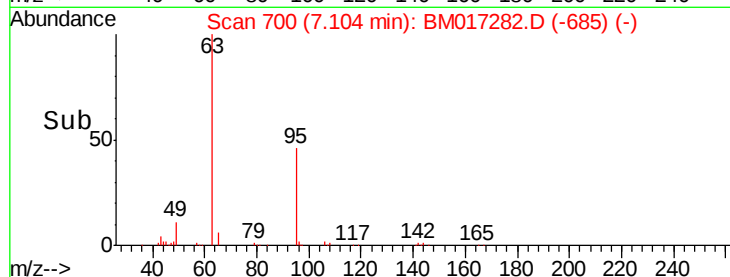
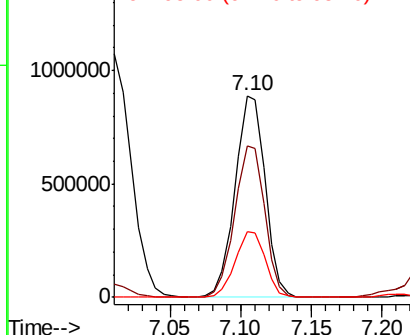


Abundance

Ion 93.00 (92.70 to 93.70): BM017163.D (-695) (-)

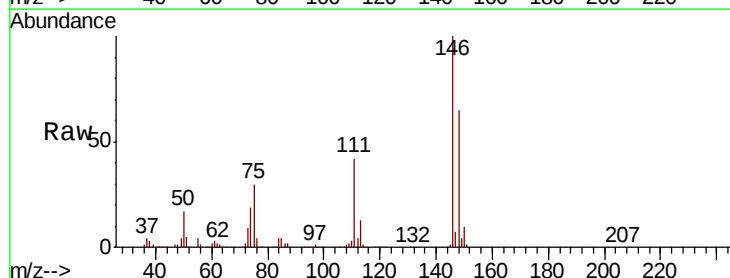
Ion 63.00 (62.70 to 63.70): BM017163.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-695) (-)



#12
1,3-Dichlorobenzene
Concen: 39.141 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.2	75.4
75	30.5	23.3	34.9

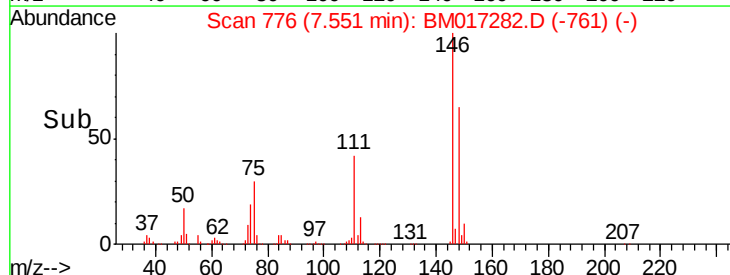
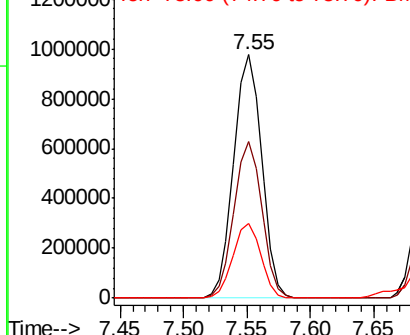


Abundance

Ion 146.00 (145.70 to 146.70): BM017163.D (-771) (-)

Ion 148.00 (147.70 to 148.70): BM017163.D (-771) (-)

Ion 75.00 (74.70 to 75.70): BM017163.D (-771) (-)





#13

1,4-Dichlorobenzene

Concen: 39.632 ng

RT: 7.70 min Scan# 801

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

PB113963BS

Tot Ion:146 Resp: 1546823

Ion Ratio Lower Upper

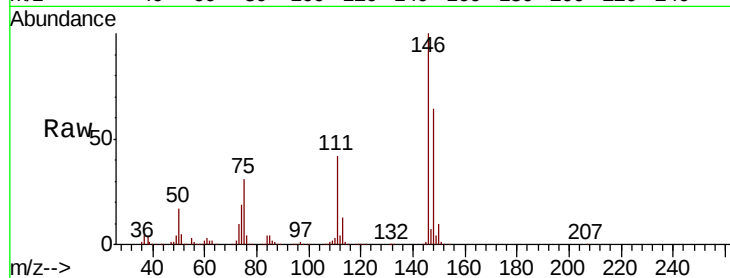
146 100

148 64.2 49.8 74.6

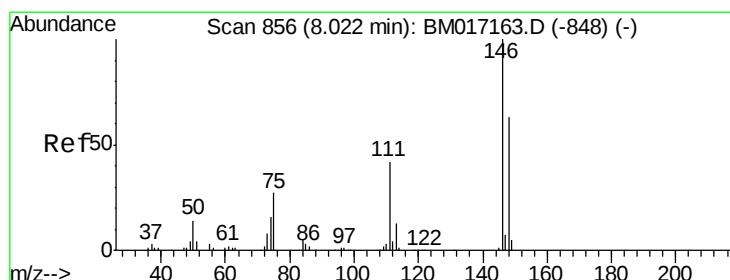
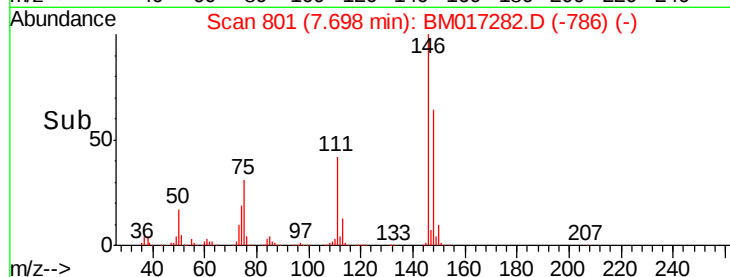
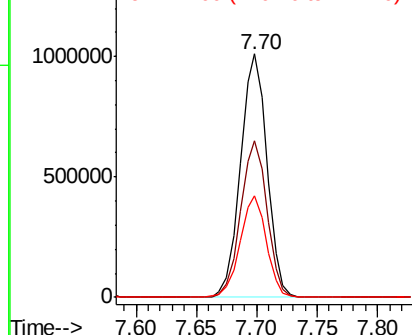
111 41.6 32.1 48.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.684 ng

RT: 8.01 min Scan# 854

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

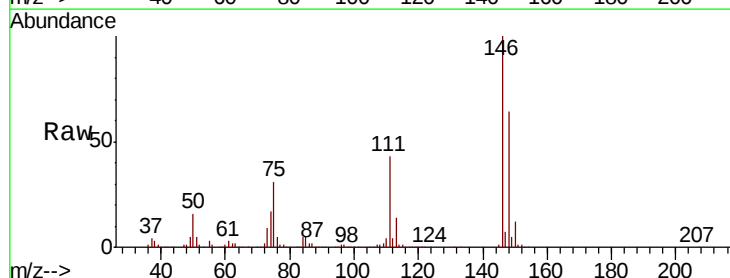
Tgt Ion:146 Resp: 1492280

Ion Ratio Lower Upper

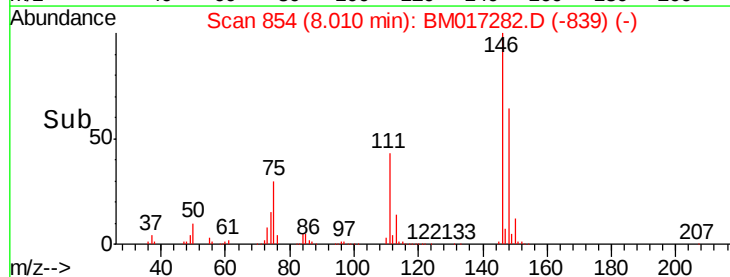
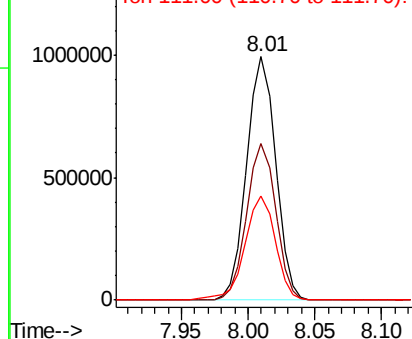
146 100

148 64.1 50.8 76.2

111 42.6 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.612 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

PB113963BS

Tot Ion: 79 Resp: 1286236

Ion Ratio Lower Upper

79 100

108 73.6 60.3 90.5

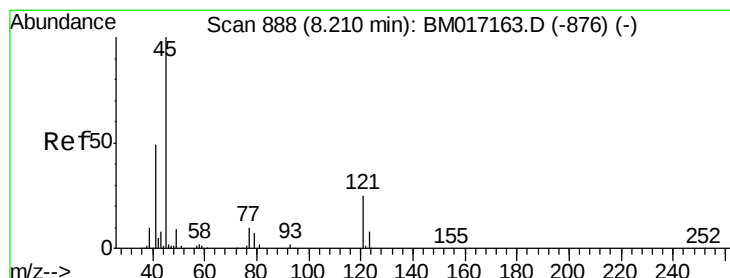
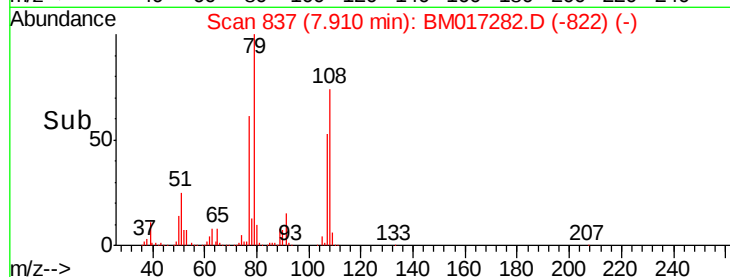
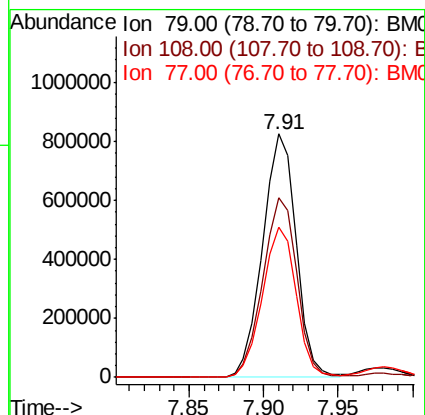
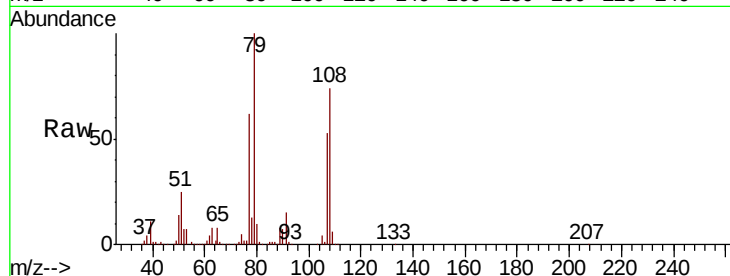
77 61.6 54.8 82.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.592 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

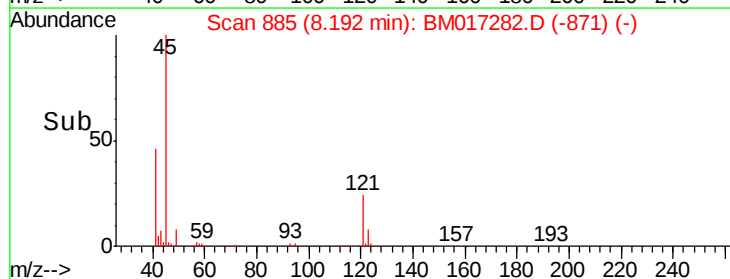
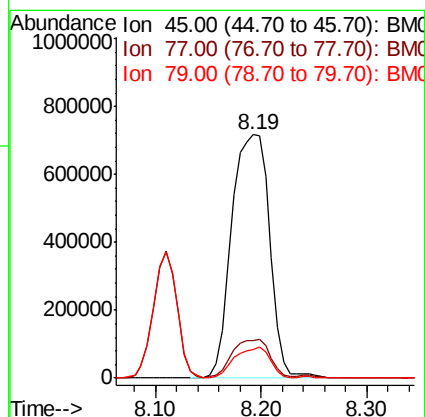
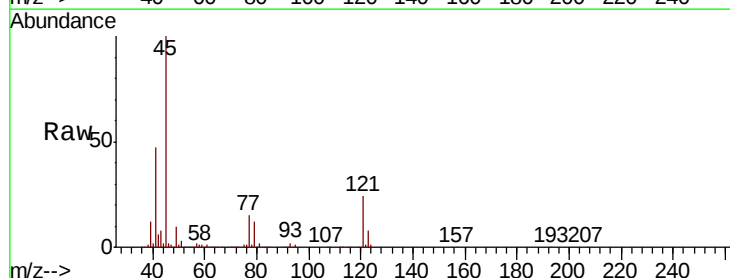
Tgt Ion: 45 Resp: 1784573

Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.5

79 11.8 0.0 32.1





#17

2-Methylphenol

Concen: 46.226 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

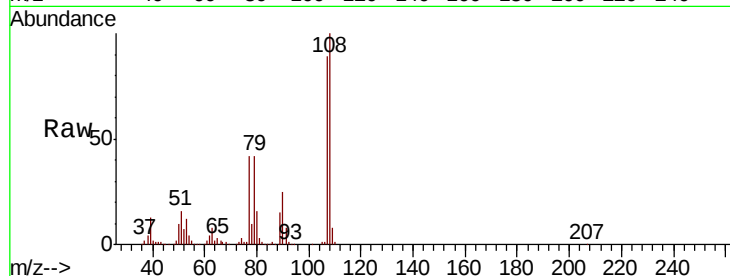
ClientSampleId :

PB113963BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.3	135.5
77	47.2	37.0	55.4
79	46.8	35.8	53.6

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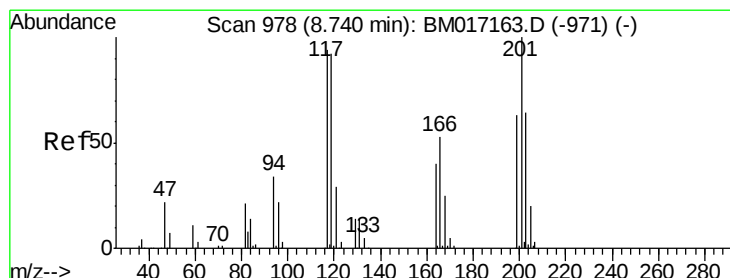
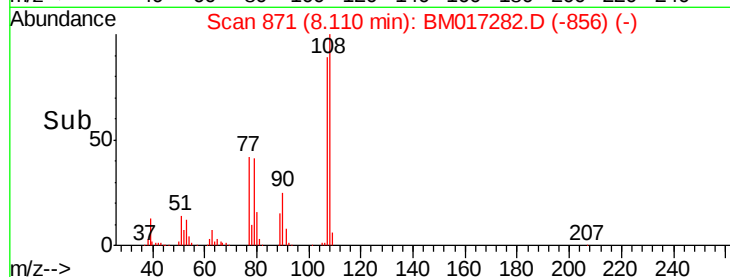
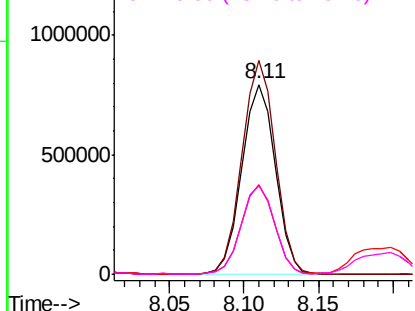
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 41.284 ng

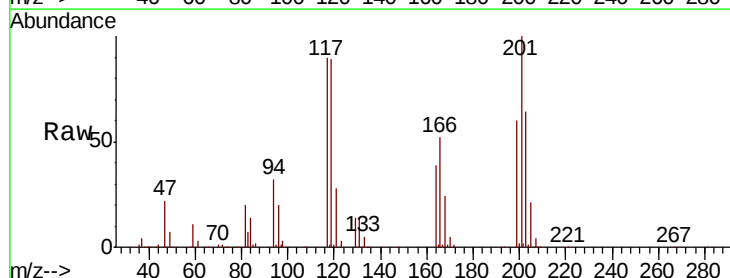
RT: 8.73 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.2	117.2
201	111.0	85.3	127.9

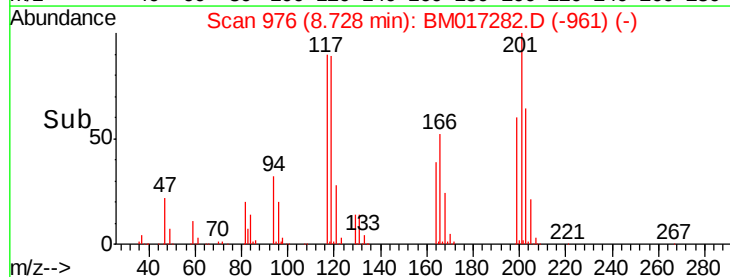
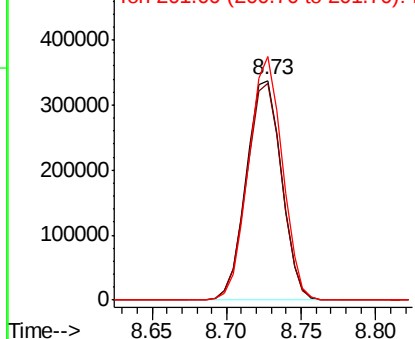


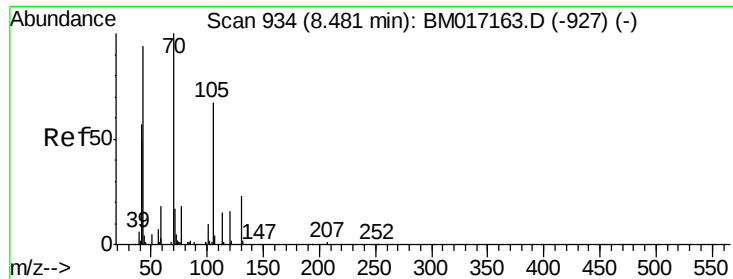
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





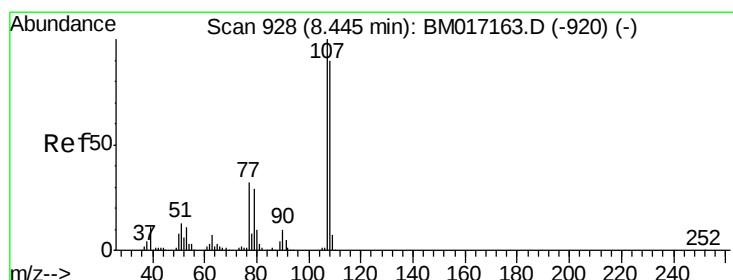
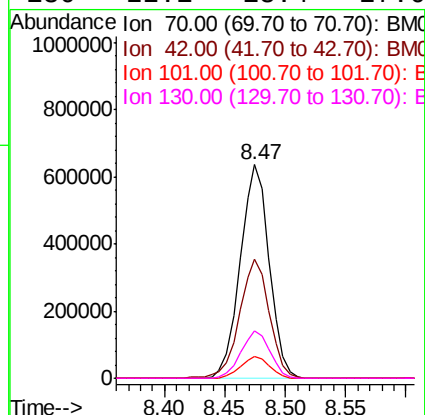
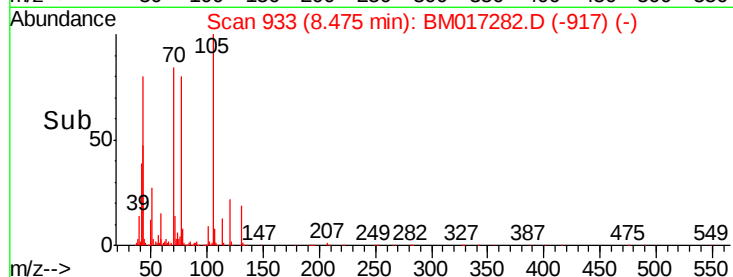
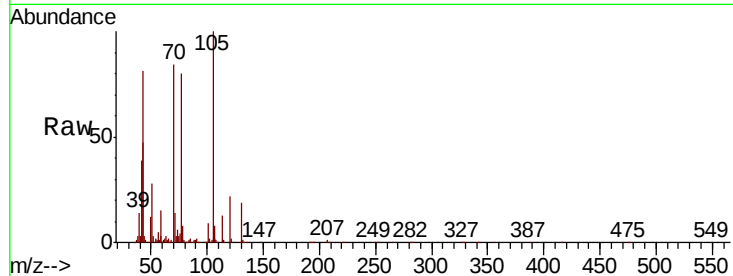
#19
n-Nitroso-di-n-propylamine
Concen: 41.740 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.5	46.1	69.1	
101	10.1	8.2	12.4	
130	22.1	18.4	27.6	

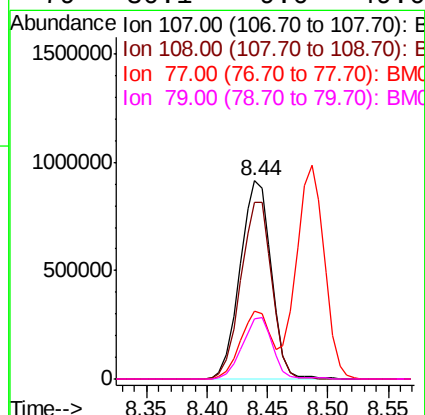
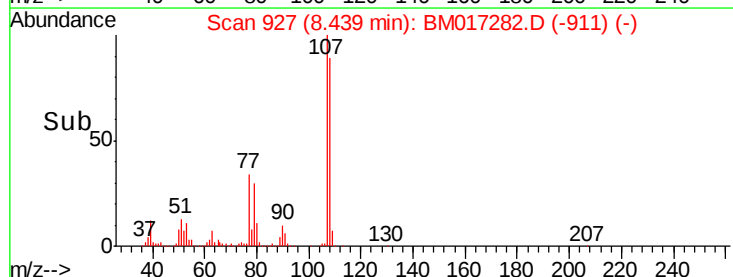
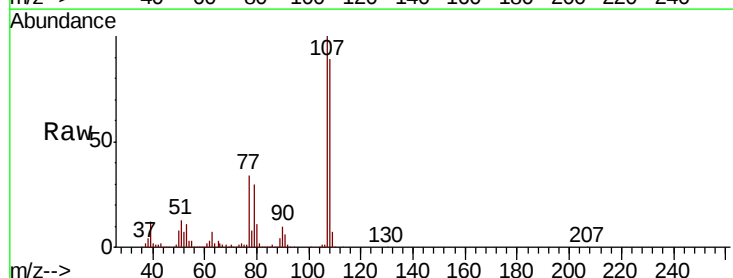
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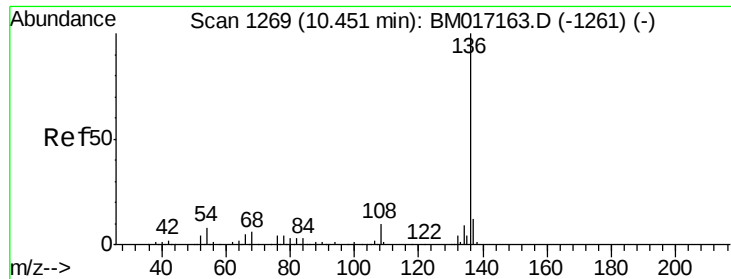
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#20
3+4-Methylphenols
Concen: 45.291 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	69.9	109.9	
77	34.1	12.2	52.2	
79	30.1	9.0	49.0	





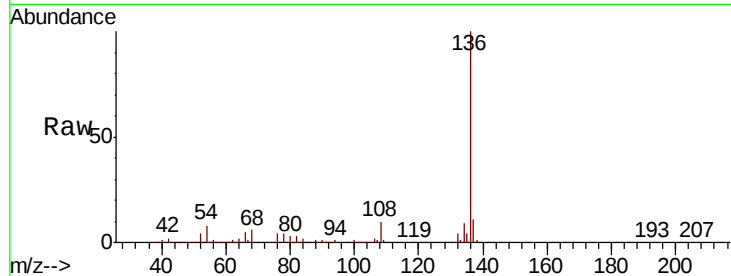
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	136	Resp	2123179
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.7	6.7	10.1
68	5.6	4.7	7.1

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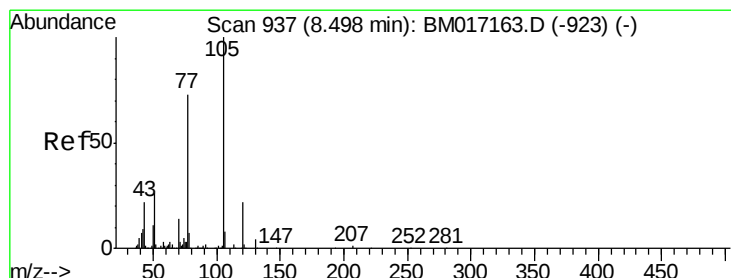
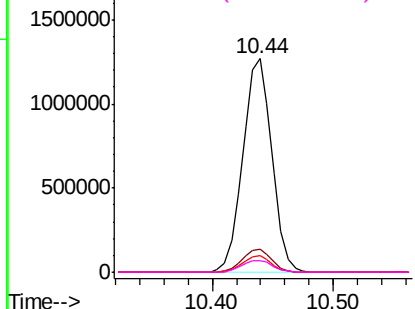
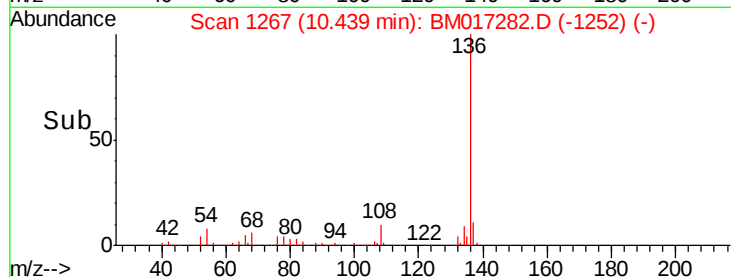
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

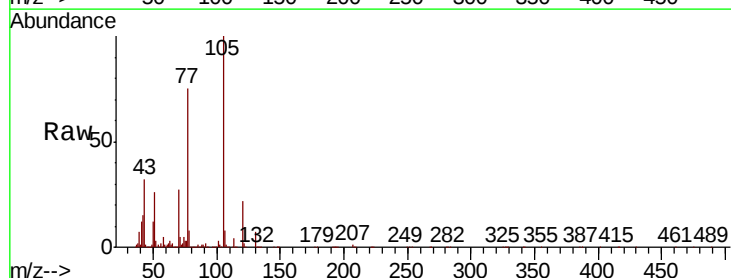
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 39.335 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	105	Resp	2117019
Ion	Ratio	Lower	Upper
105	100		
71	4.6	2.0	3.0#
51	25.6	20.6	31.0
120	22.0	17.5	26.3



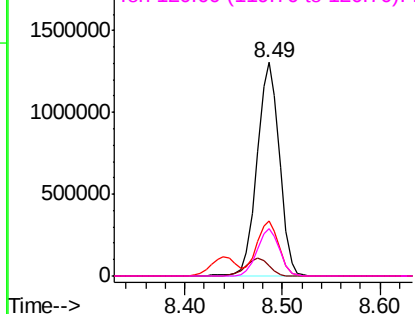
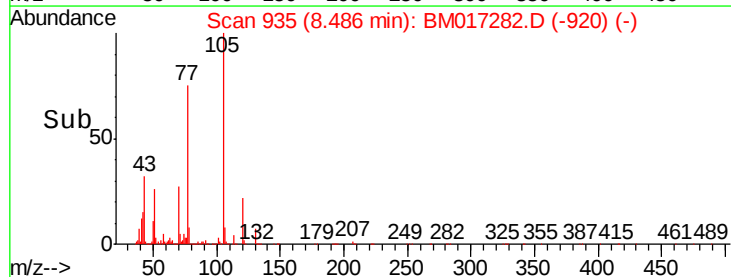
Abundance

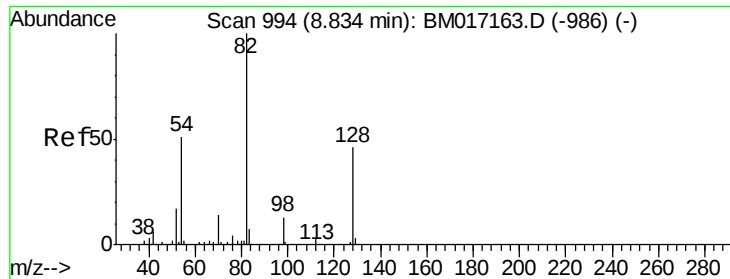
Ion 105.00 (104.70 to 105.70): E

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





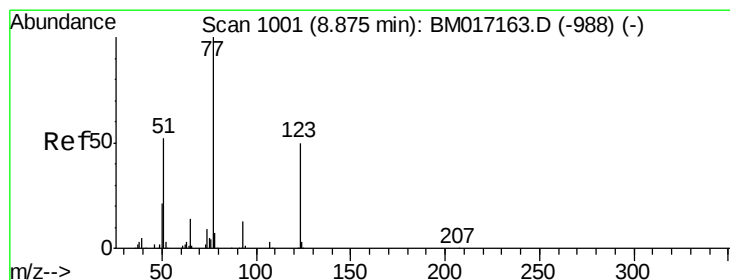
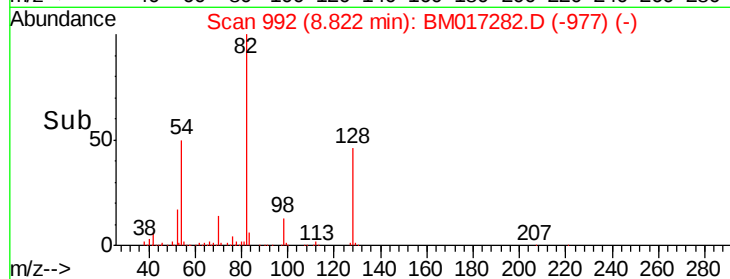
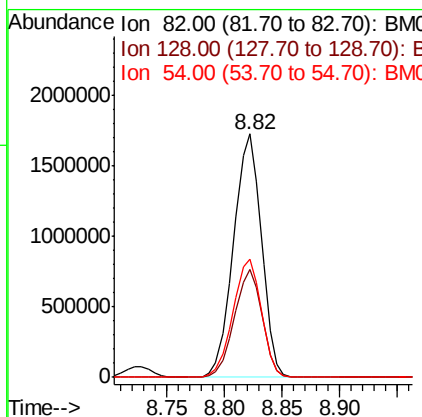
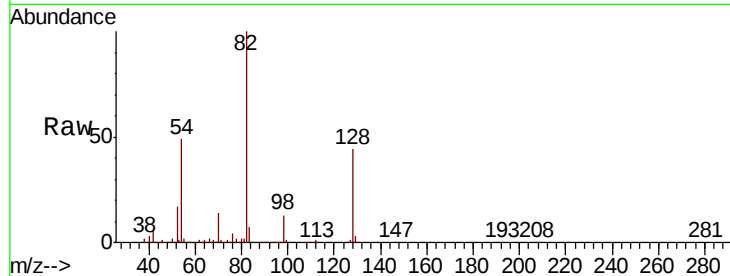
#23
 Nitrobenzene-d5
 Concen: 79.719 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.0	55.6
54	48.8	40.7	61.1

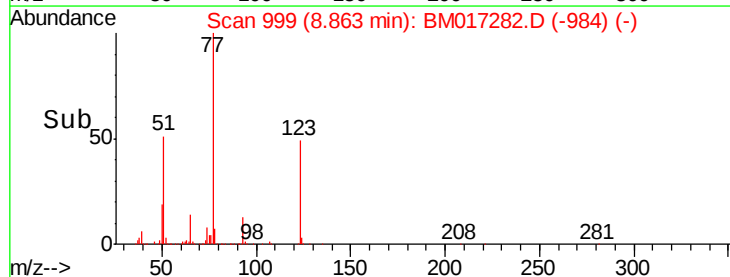
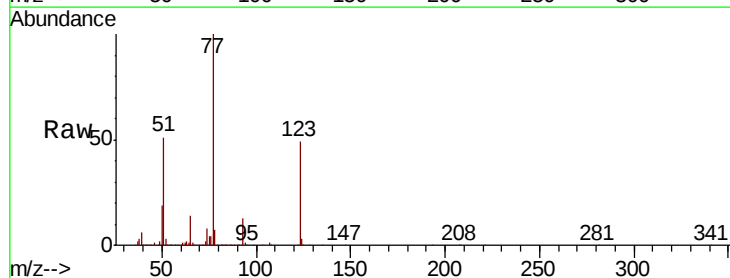
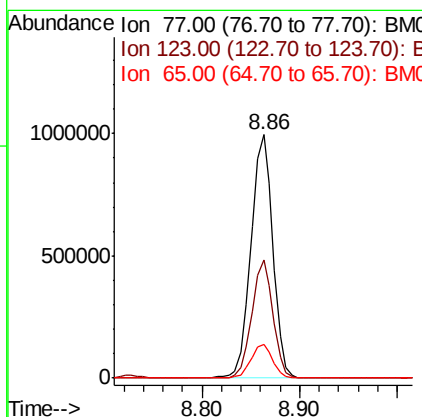
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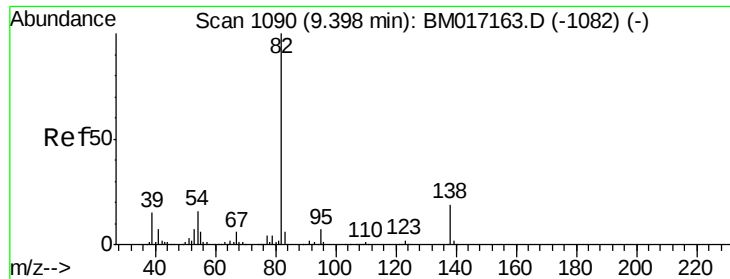
Sohil
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#24
 Nitrobenzene
 Concen: 40.768 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	40.2	60.4
65	13.8	11.4	17.0





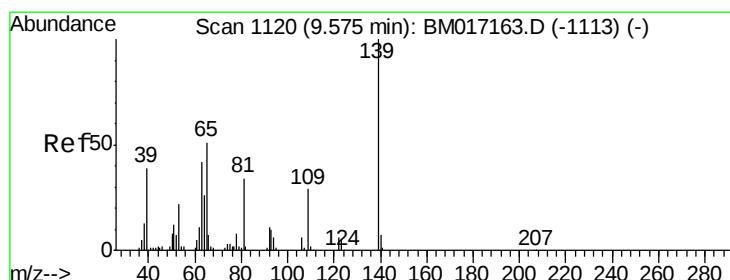
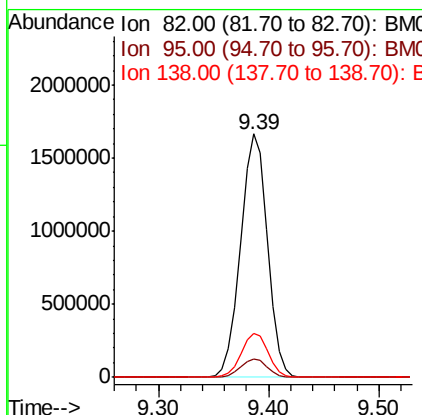
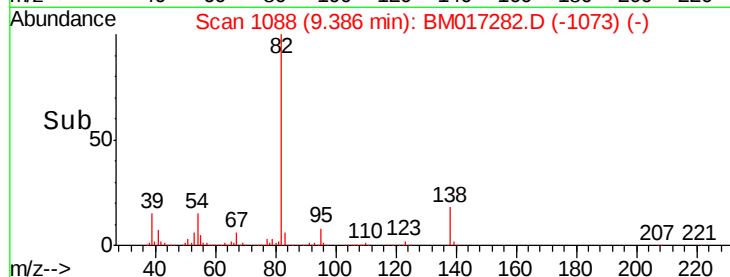
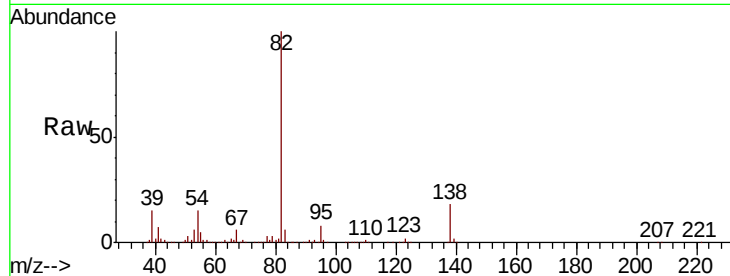
#25
Isophorone
Concen: 47.503 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	18.3	15.4	23.2

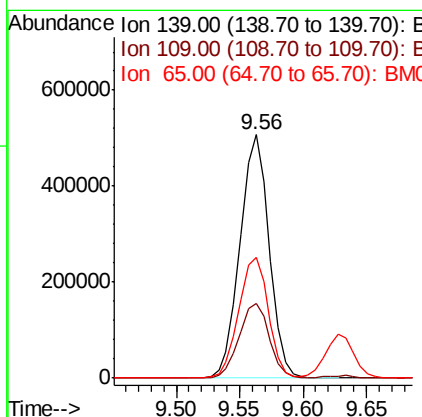
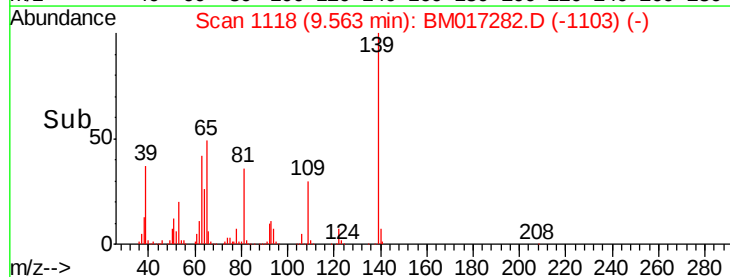
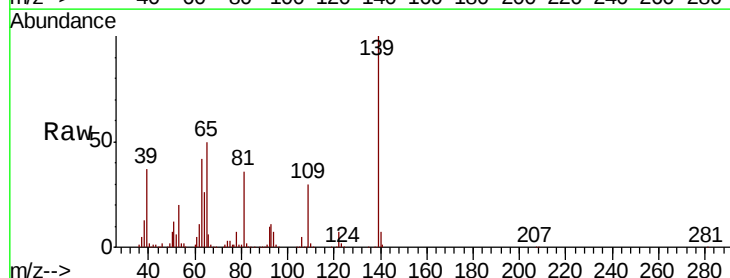
Manual Integrations
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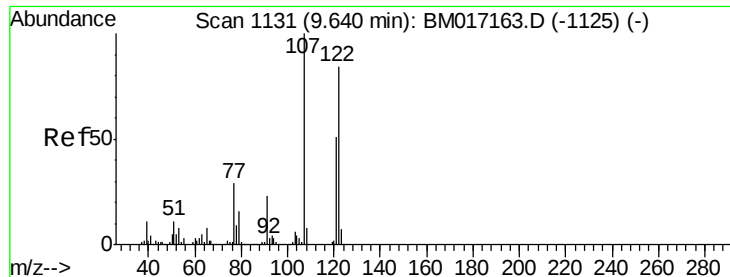
Sohil
10/23/2018 2:21:00 PM



#26
2-Nitrophenol
Concen: 45.335 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.4	23.2	34.8
65	49.6	40.6	61.0





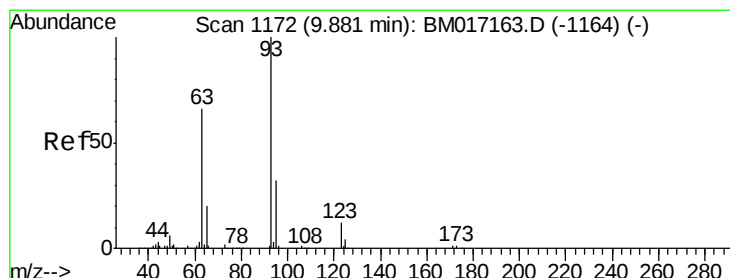
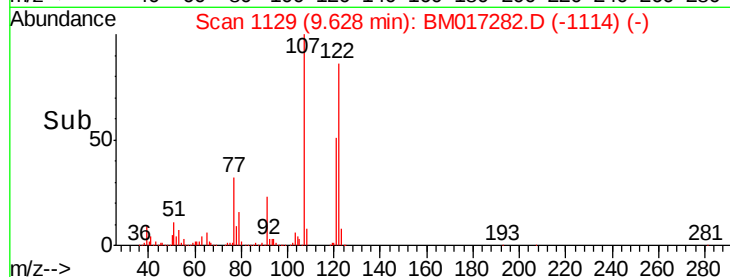
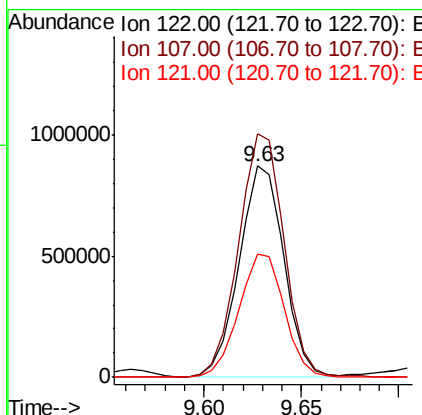
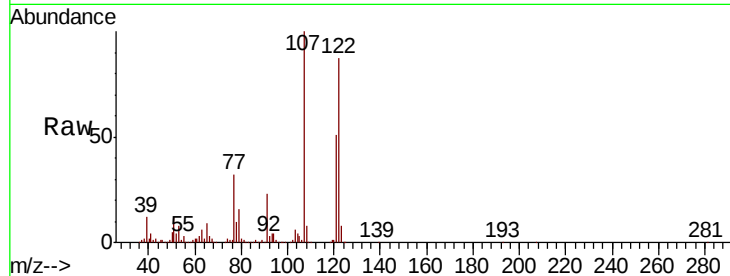
#27
2,4-Dimethylphenol
Concen: 51.972 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	95.0	142.6
121	58.3	48.2	72.4

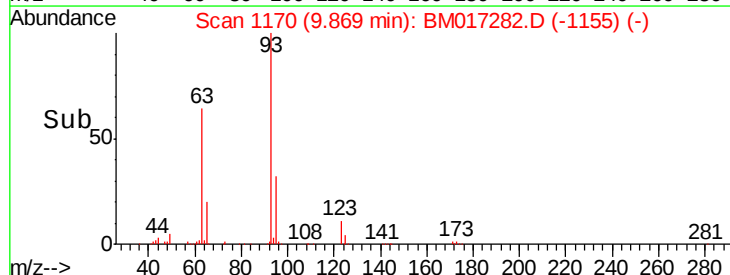
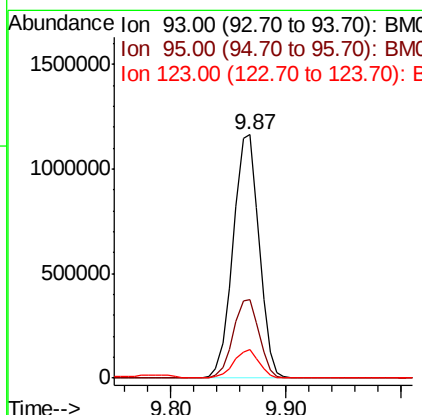
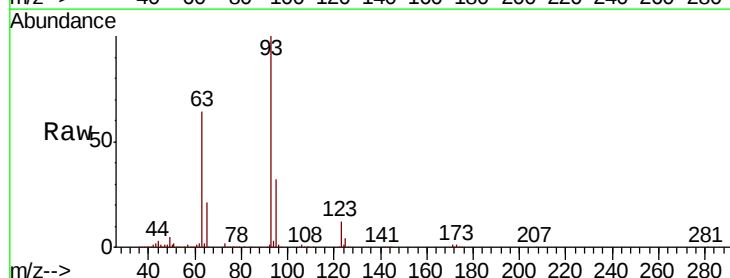
Manual Integrations
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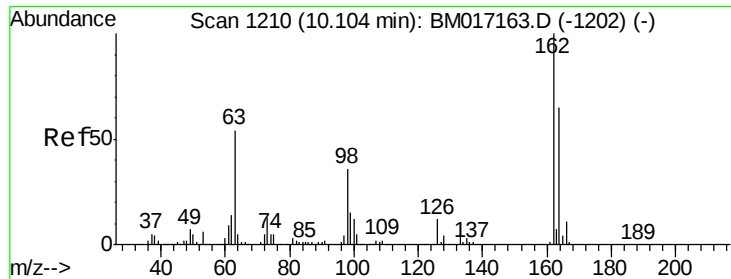
Sohil
10/23/2018 2:21:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.121 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.7	38.5
123	11.6	9.4	14.0





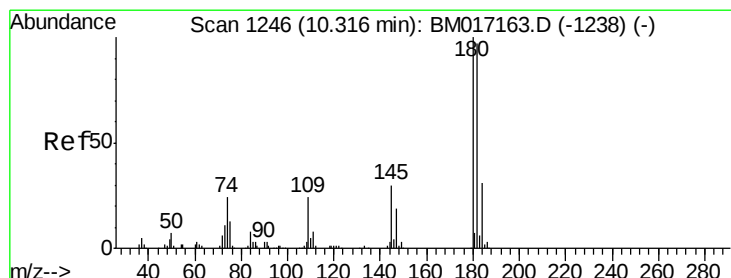
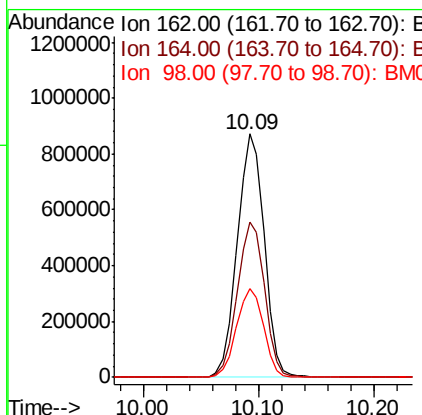
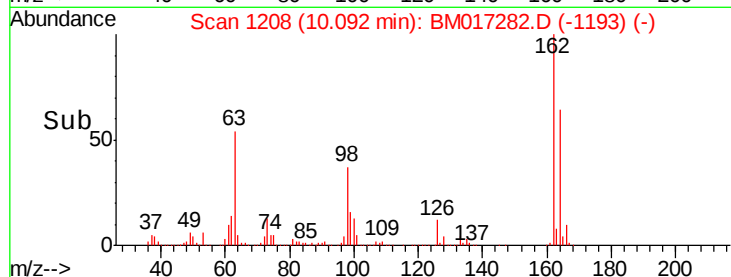
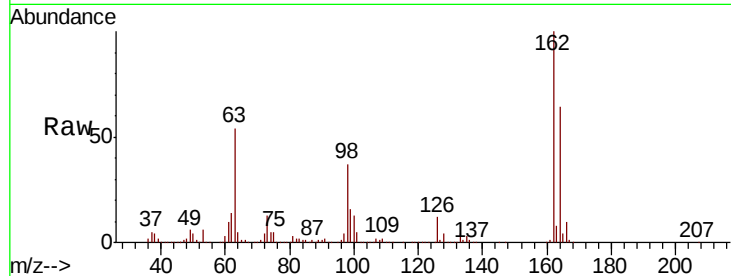
#29
2,4-Dichlorophenol
Concen: 45.784 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampled :
PB113963BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.9	84.9
98	36.6	15.8	55.8

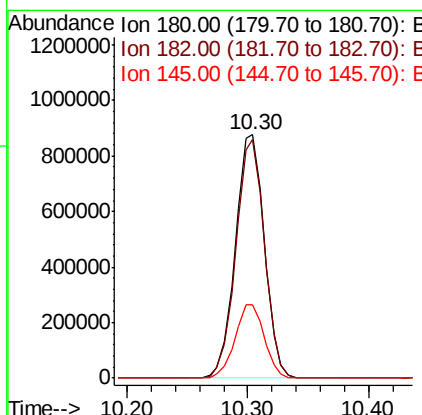
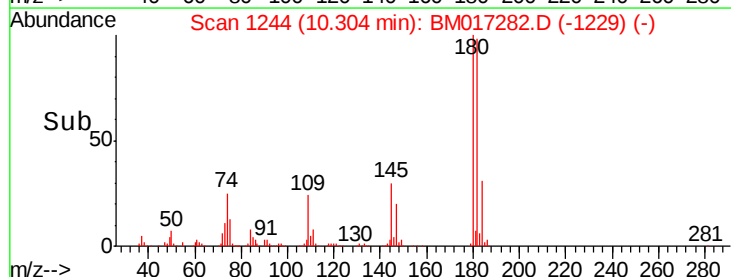
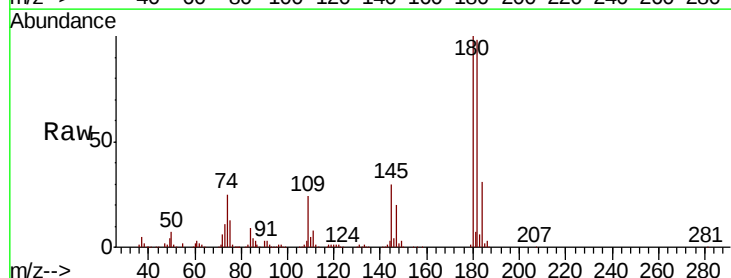
Manual Integrations
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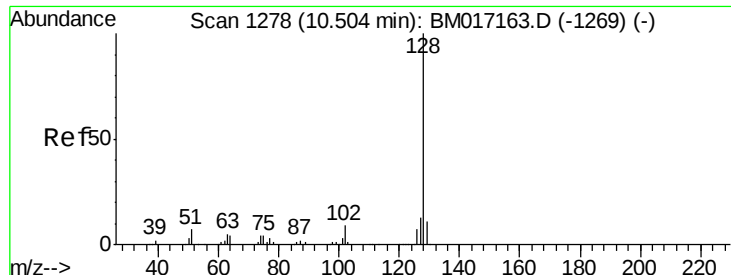
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#30
1,2,4-Trichlorobenzene
Concen: 39.713 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.5	116.3
145	30.2	24.0	36.0





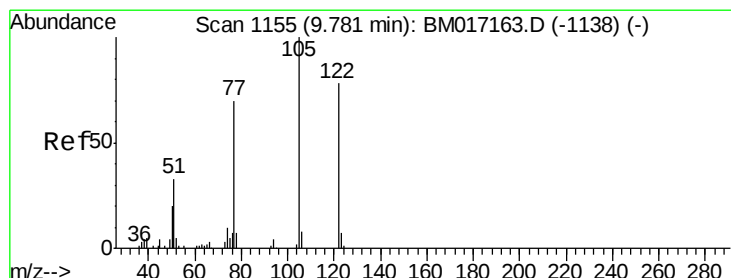
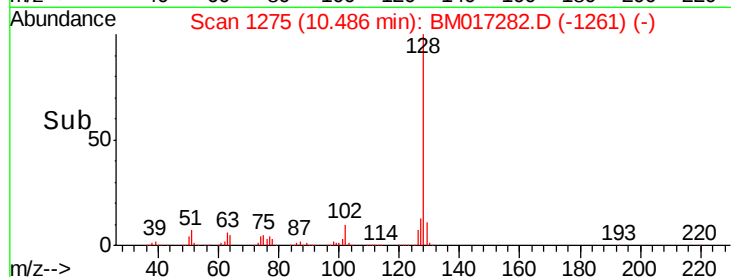
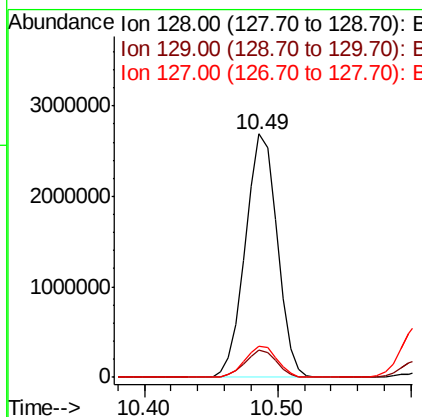
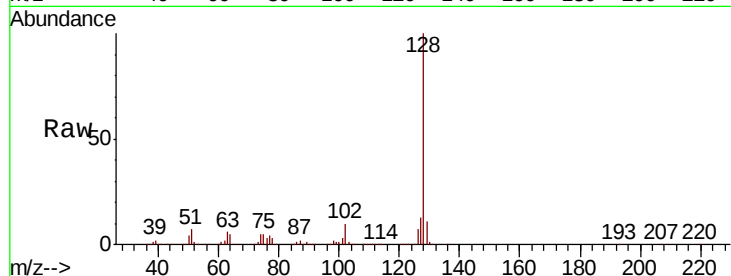
#31
Naphthalene
Concen: 42.471 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion:128 Resp: 4419079
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.0 10.3 15.5

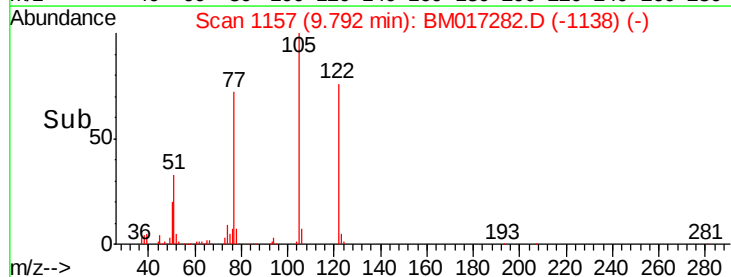
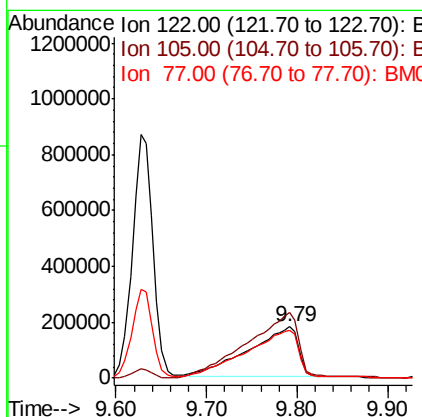
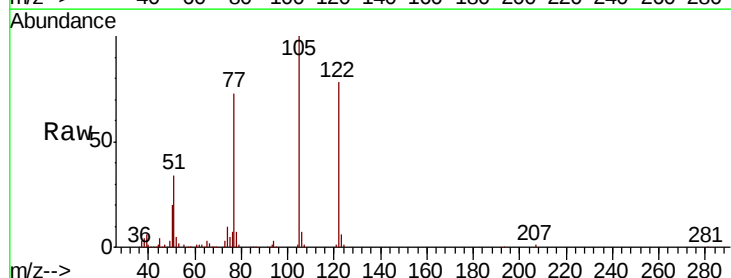
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#32
Benzoic acid
Concen: 34.556 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:122 Resp: 683440
Ion Ratio Lower Upper
122 100
105 128.3 102.0 142.0
77 94.1 67.7 107.7





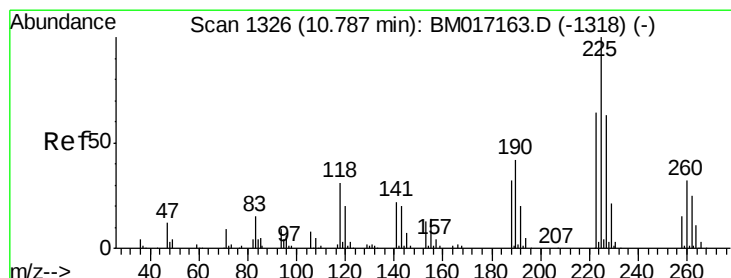
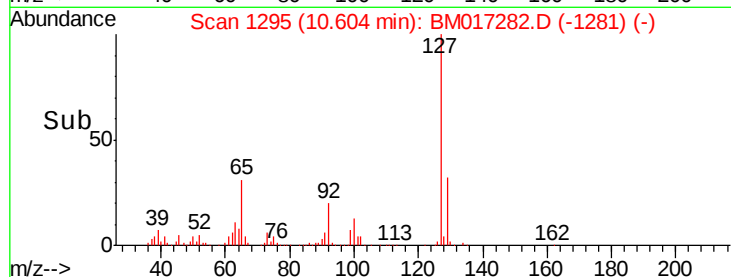
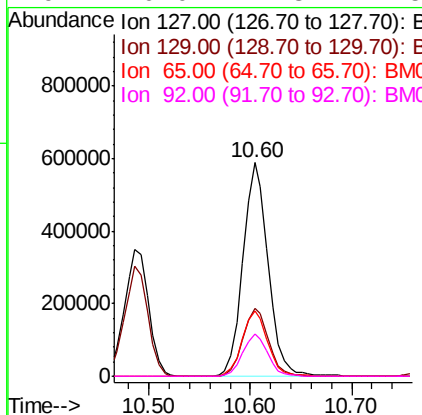
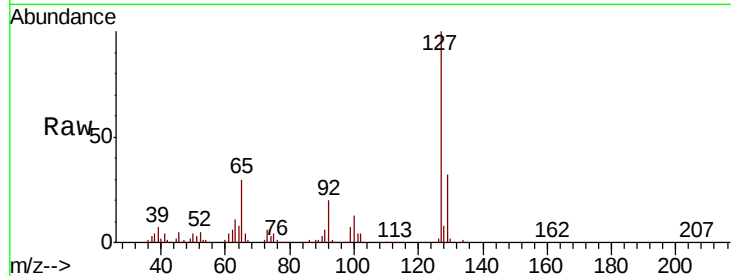
#33
4-Chloroaniline
Concen: 22.521 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.2	39.4		
65	30.4	23.7	35.5		
92	20.0	14.3	21.5		

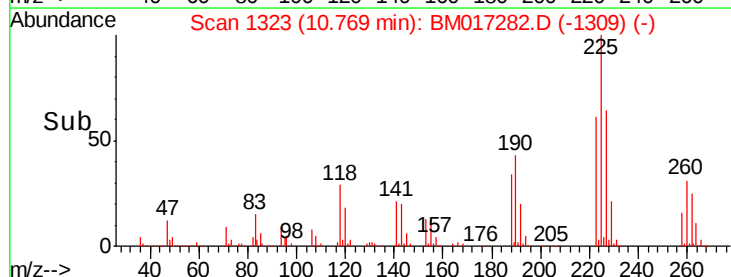
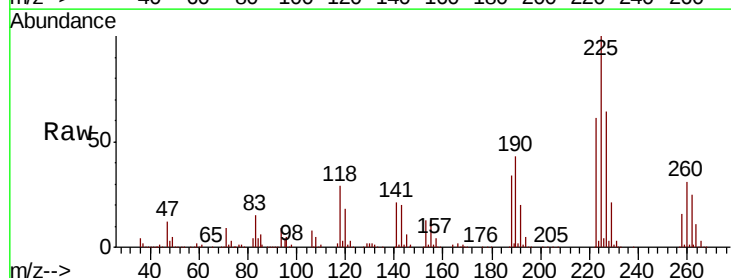
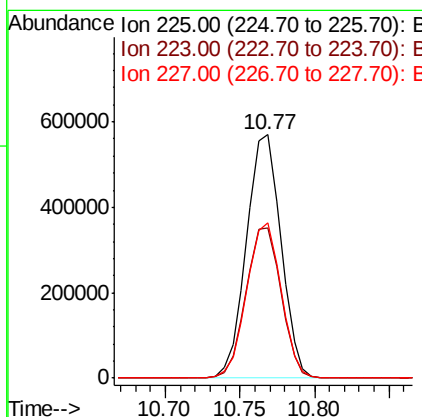
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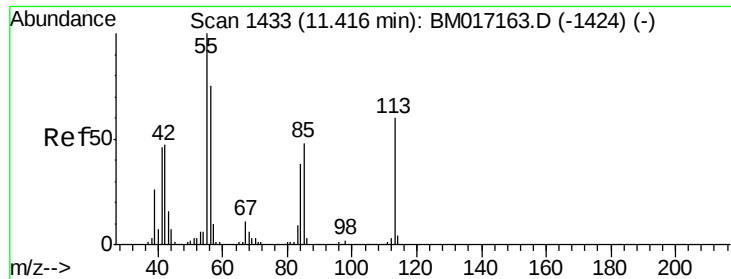
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#34
Hexachlorobutadiene
Concen: 39.039 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	51.0	76.6		
227	64.0	50.8	76.2		





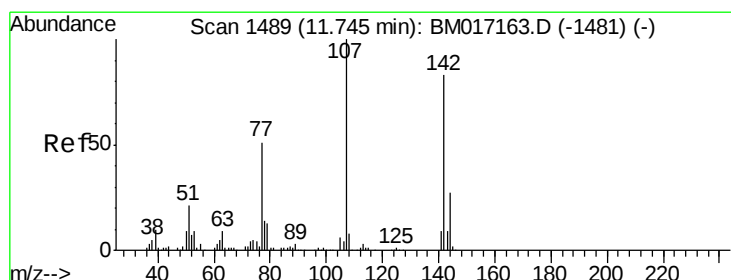
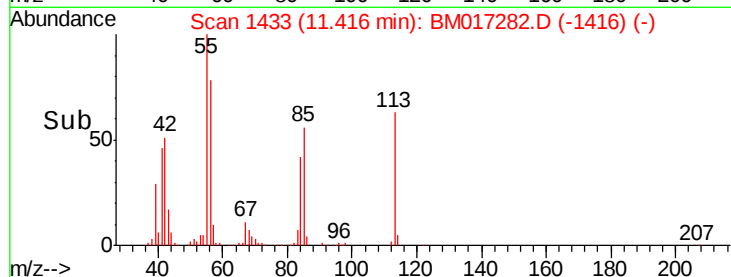
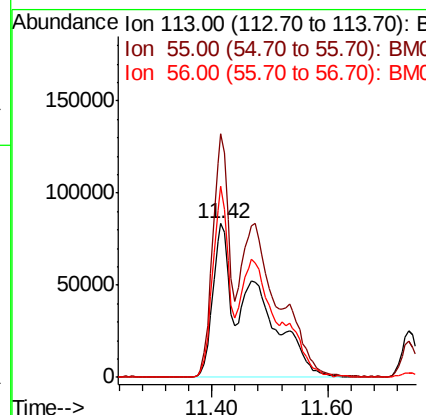
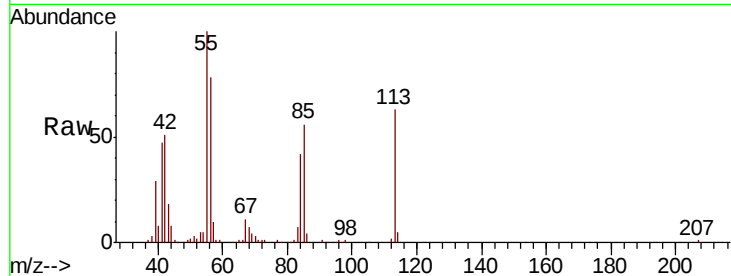
#35
 Caprolactam
 Concen: 36.159 ng/ml
 RT: 11.42 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleID :
 PB113963BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.7	147.0	187.0
56	124.4	104.5	144.5

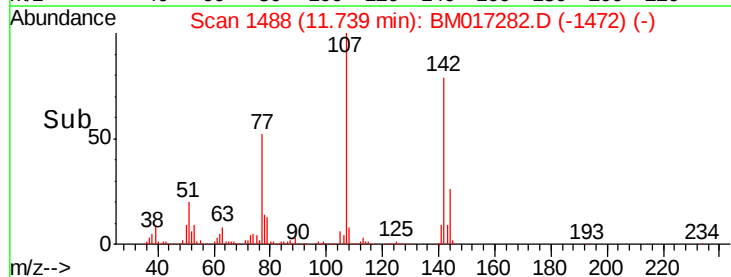
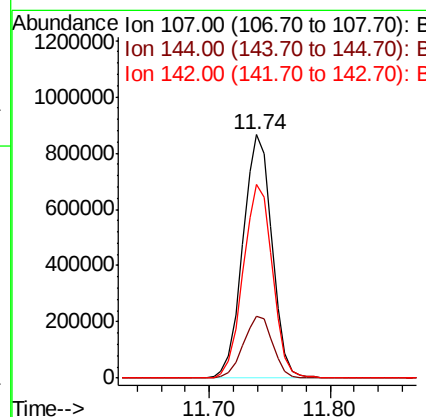
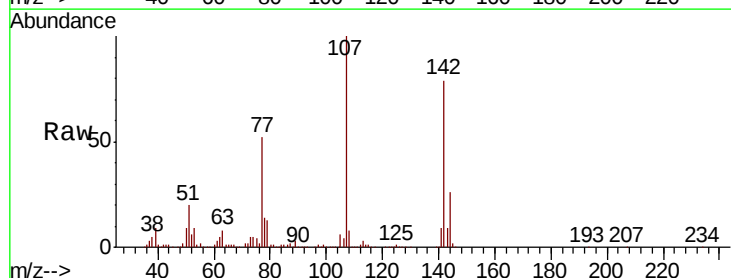
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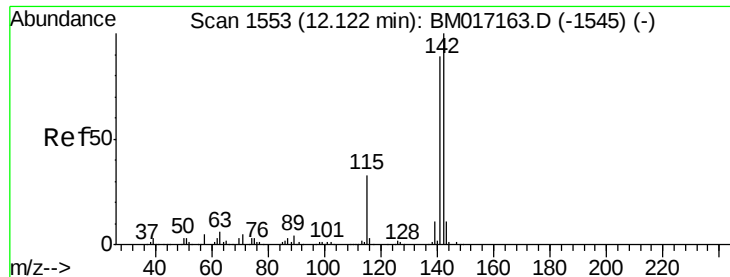
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 42.102 ng/ml
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.6	32.4
142	79.5	66.0	99.0





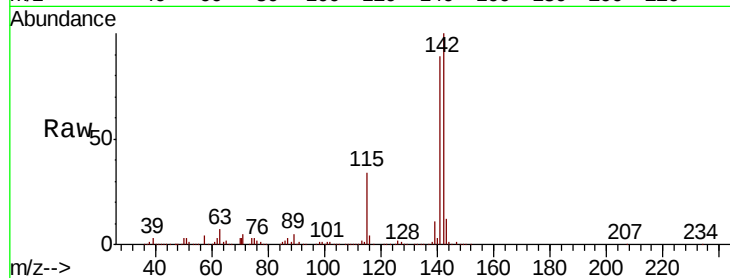
#37
2-Methylnaphthalene
Concen: 45.995 ng
RT: 12.10 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3
115	34.3	26.4	39.6

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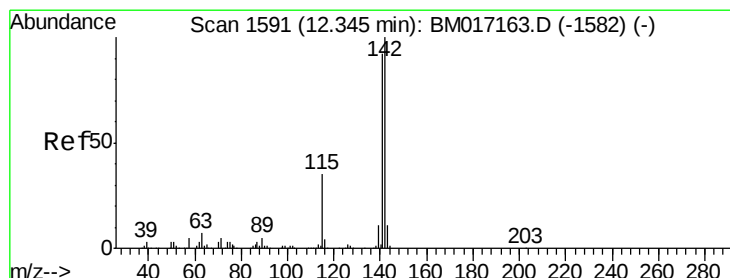
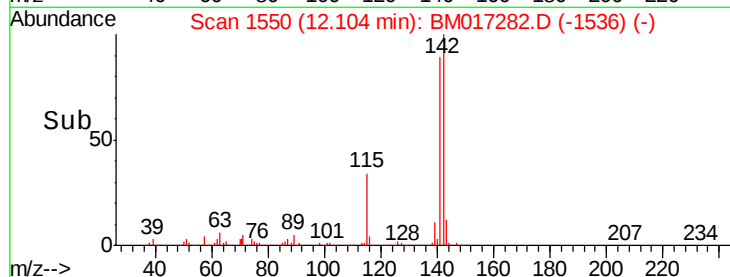
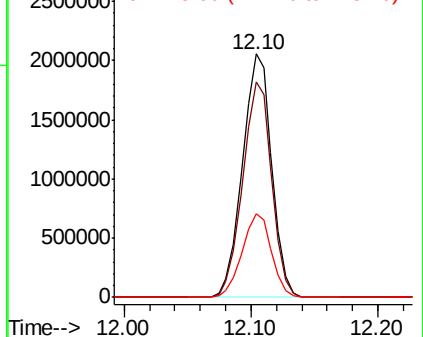


Abundance

Ion 142.00 (141.70 to 142.70): E

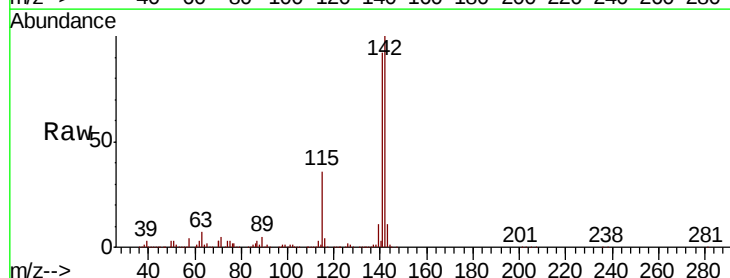
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.253 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.8	110.6
116	3.8	2.9	4.3

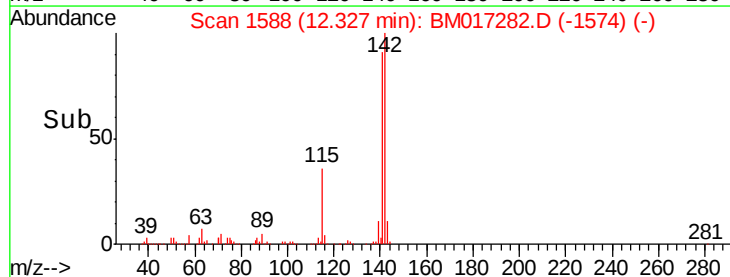
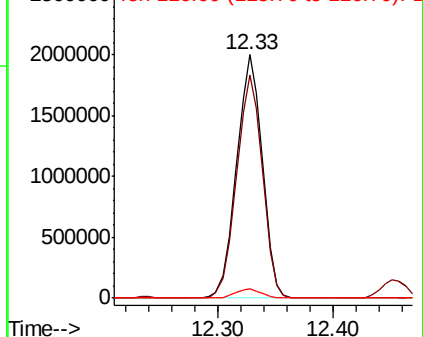


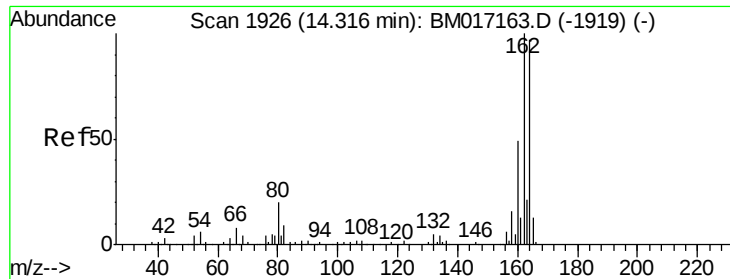
Abundance

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





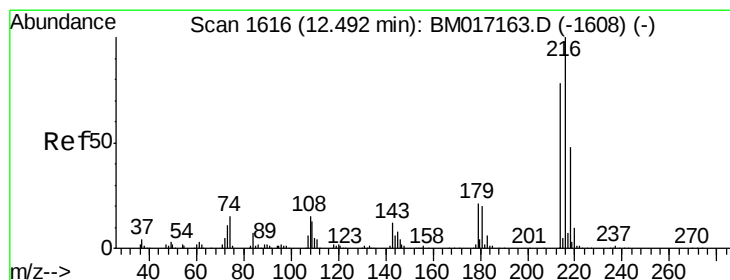
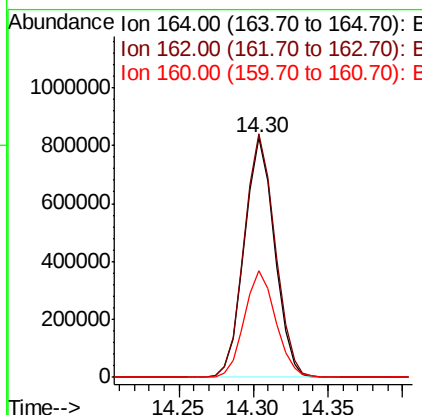
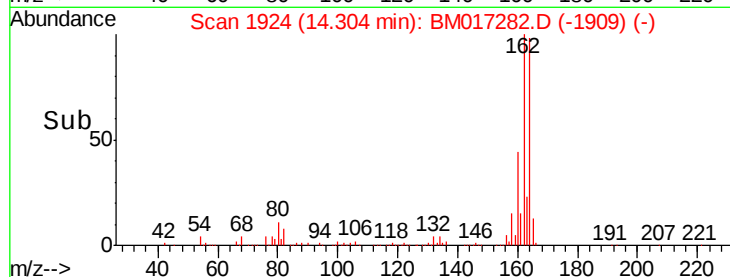
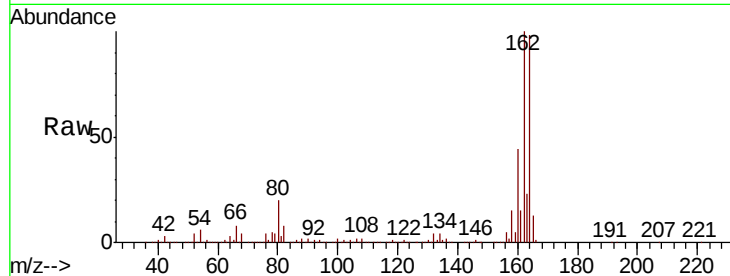
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion:164 Resp: 1159454
Ion Ratio Lower Upper
164 100
162 101.7 82.1 123.1
160 44.6 40.2 60.2

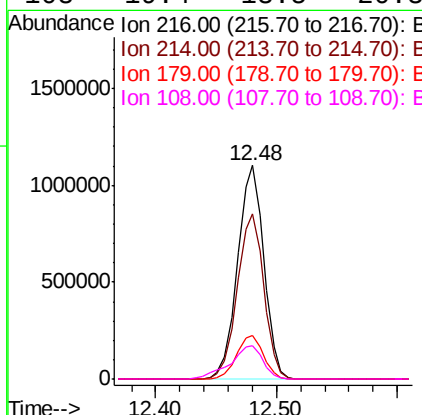
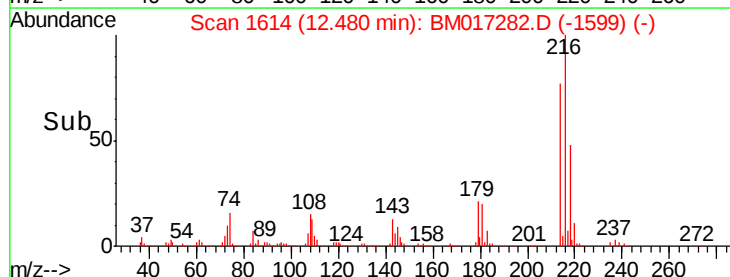
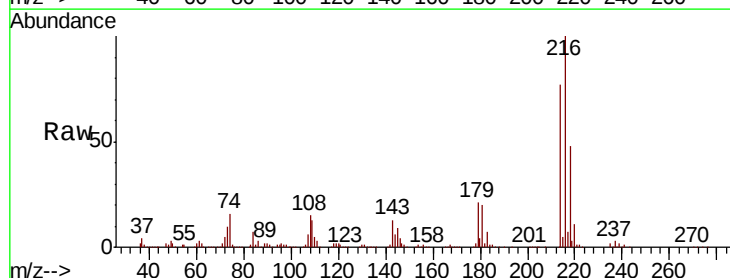
Manual Integrations
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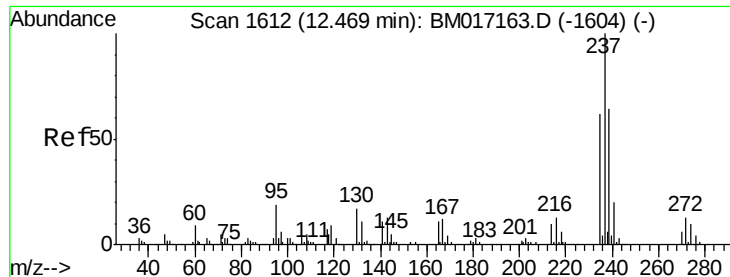
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.862 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:216 Resp: 1668487
Ion Ratio Lower Upper
216 100
214 78.2 62.6 93.8
179 20.9 16.6 24.8
108 19.4 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 106.340 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

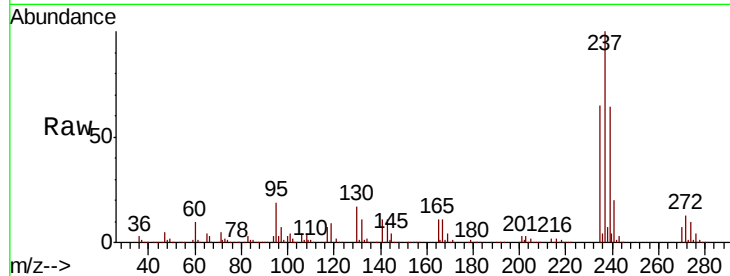
ClientSampleId :

PB113963BS

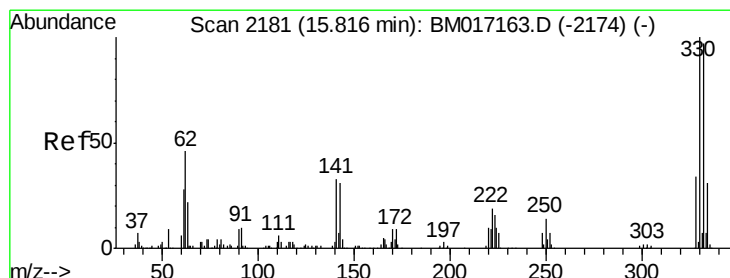
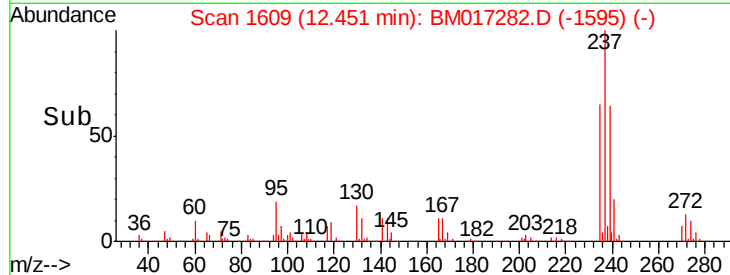
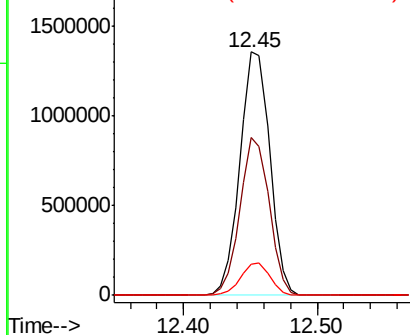
Tot Ion:	237	Resp:	2099117
Ion Ratio	Lower	Upper	
237	100		
235	64.7	42.4	82.4
272	12.6	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 136.171 ng

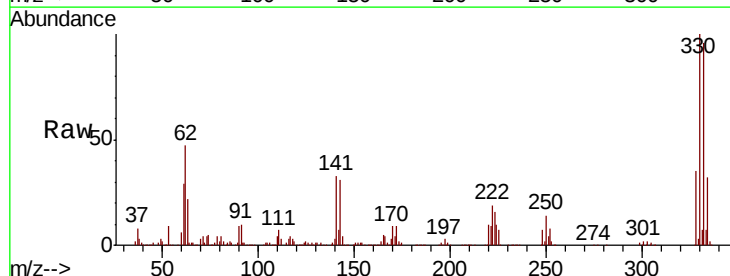
RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

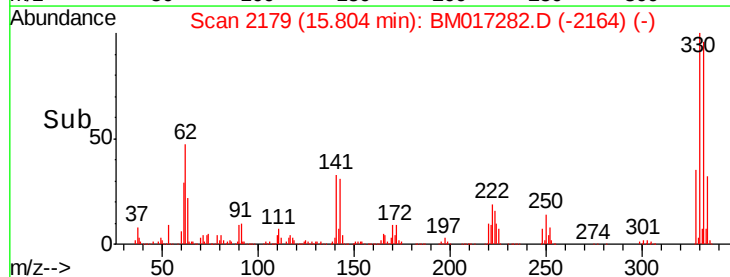
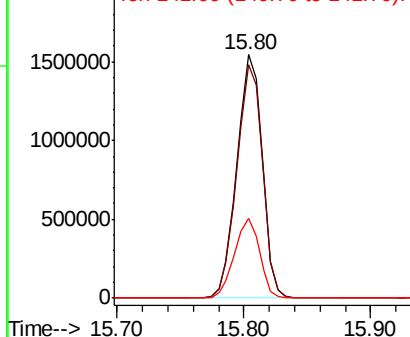
Lab File: BM017282.D

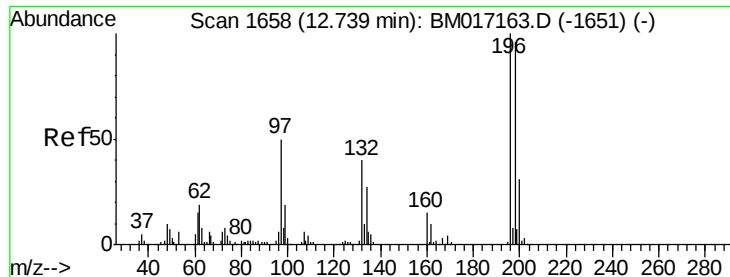
Acq: 22 Oct 2018 17:03

Tgt Ion:	330	Resp:	2135146
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.3	115.9
141	32.6	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





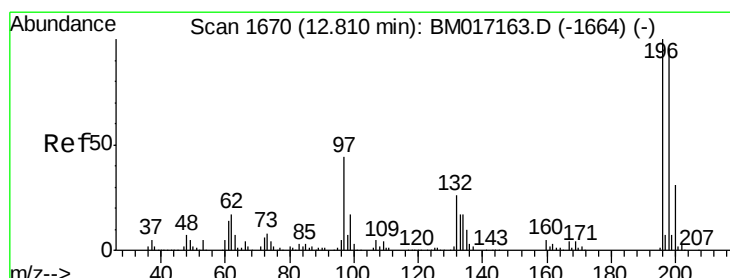
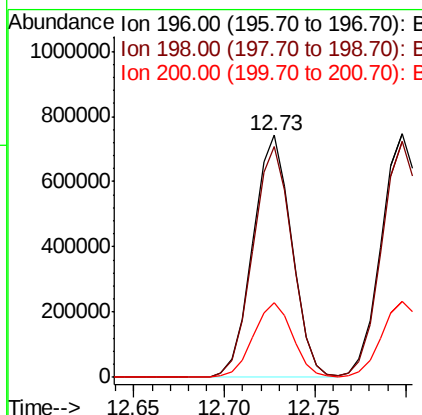
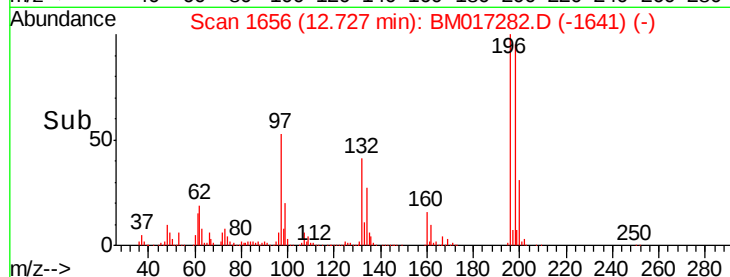
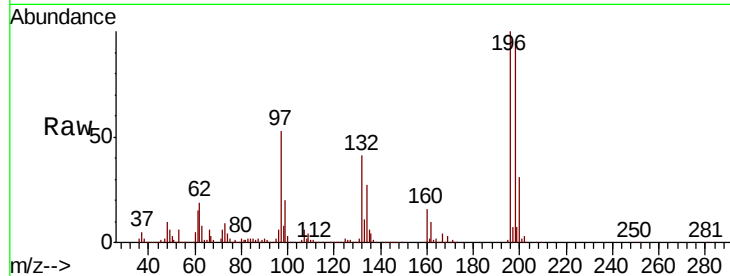
#43
 2,4,6-Trichlorophenol
 Concen: 46.725 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tot Ion:196 Resp: 1107519
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.1 115.7
 200 30.9 25.0 37.4

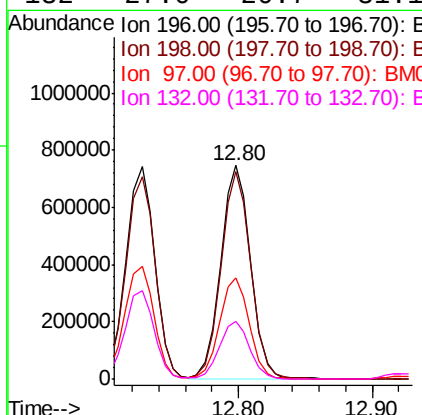
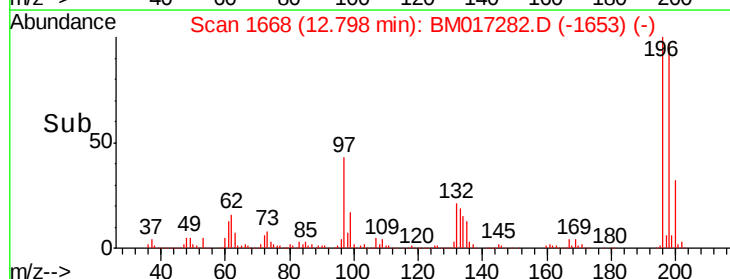
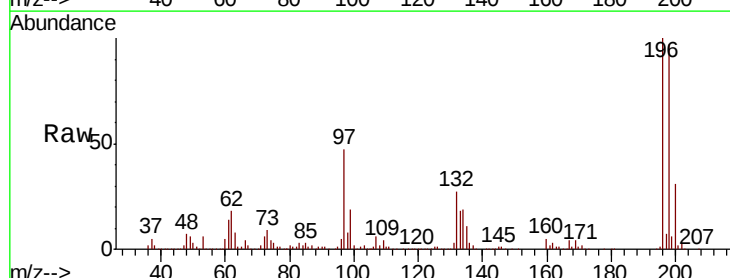
Manual Integrations
 APPROVED

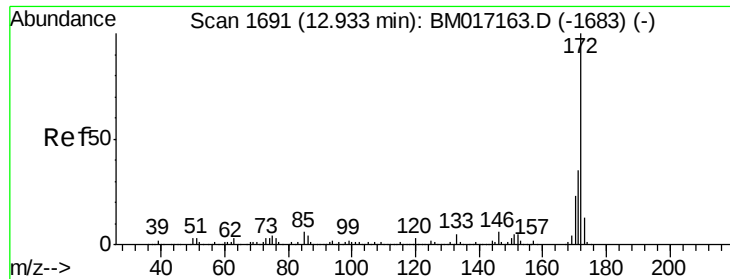
Sohil
 10/23/2018 2:21:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.725 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion:196 Resp: 1162228
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.6 115.0
 97 47.5 35.5 53.3
 132 27.0 20.7 31.1





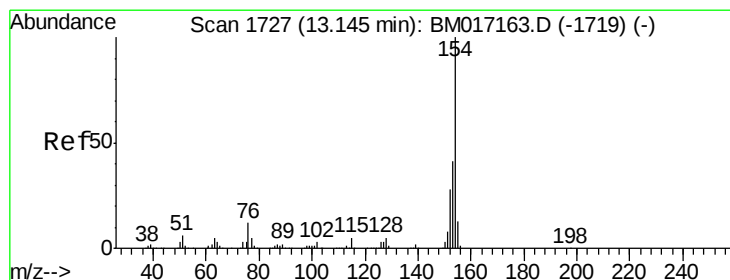
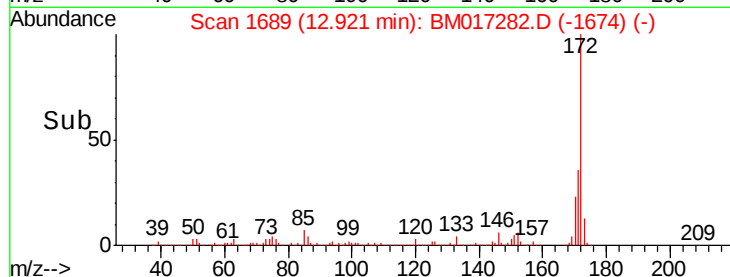
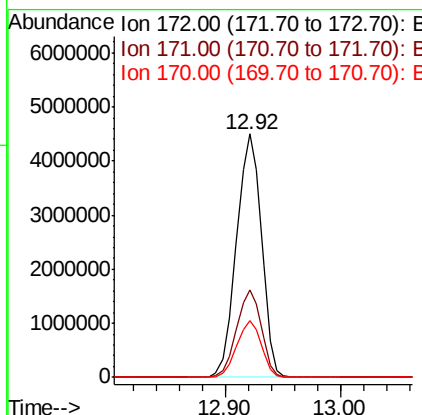
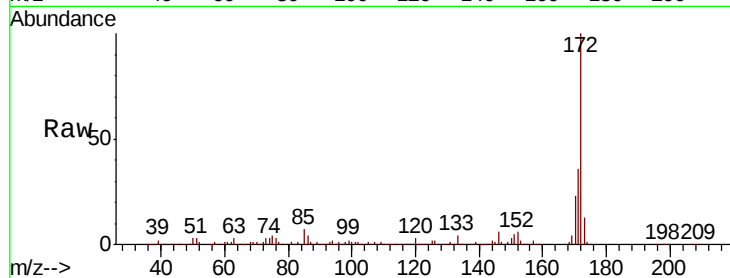
#45
2-Fluorobiphenyl
Concen: 77.244 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion:172 Resp: 6731187
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 18.3 27.5

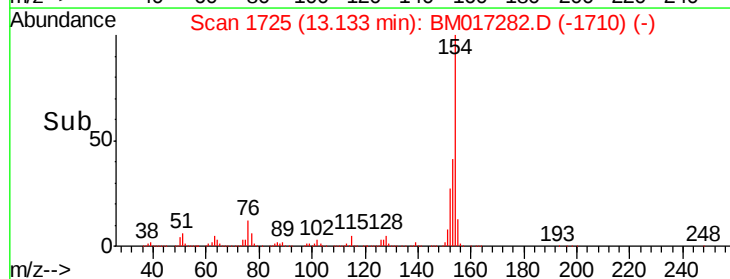
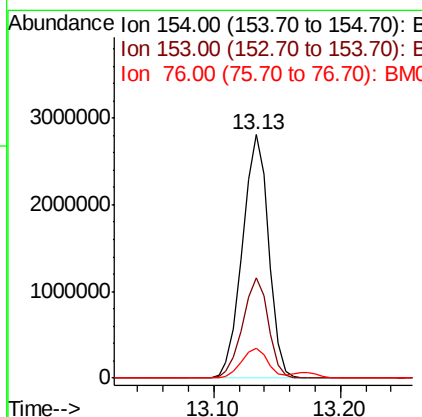
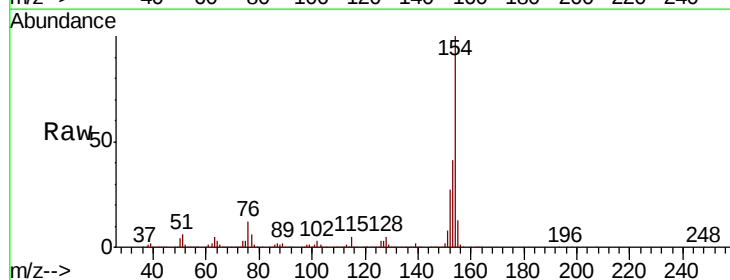
Manual Integrations
APPROVED

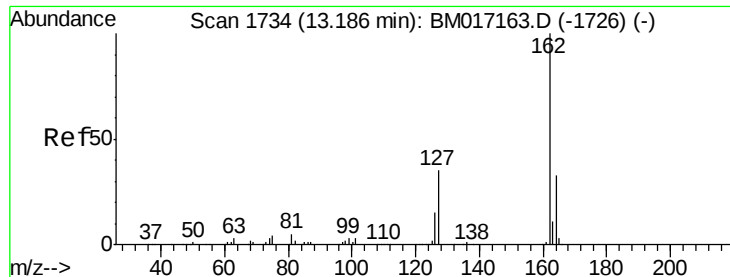
Sohil
10/23/2018 2:21:00 PM



#46
1,1'-Biphenyl
Concen: 38.505 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:154 Resp: 4017541
Ion Ratio Lower Upper
154 100
153 41.0 20.5 60.5
76 12.5 0.0 31.8





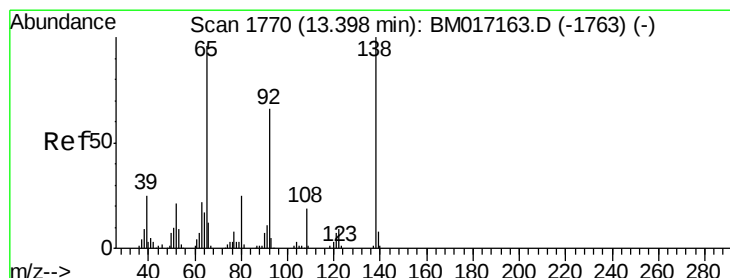
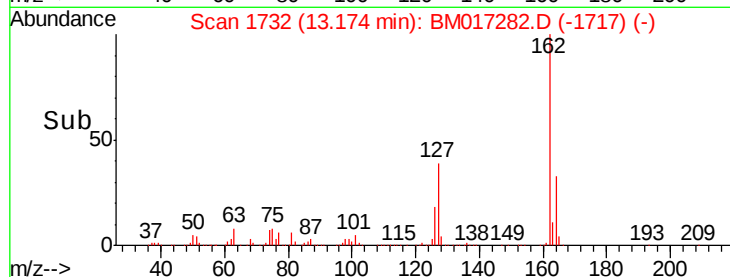
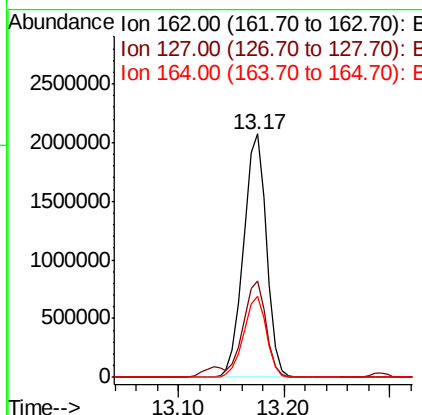
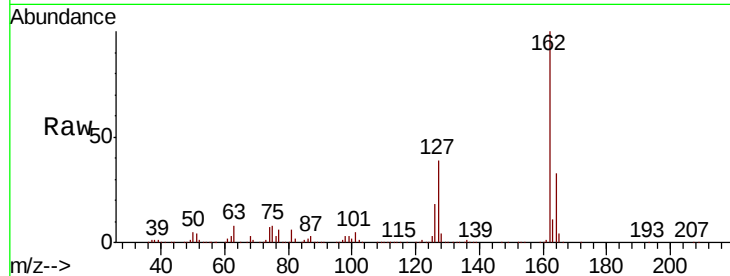
#47
2-Chloronaphthalene
Concen: 40.488 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampled :
PB113963BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.0	46.4
164	33.5	26.6	39.8

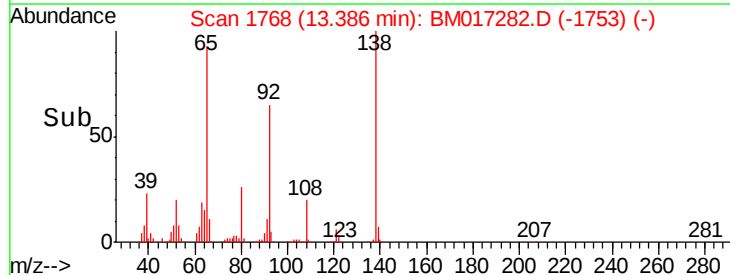
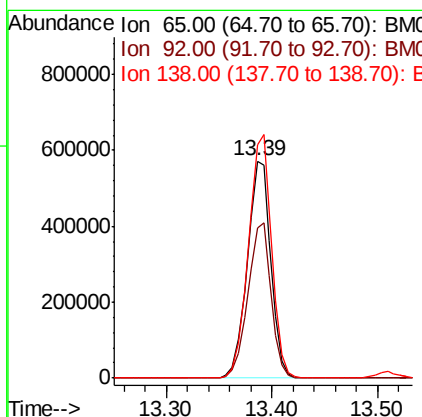
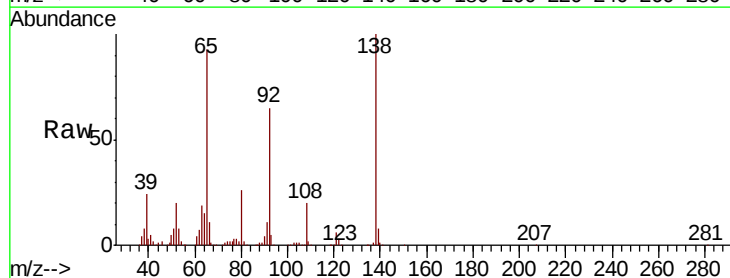
Manual Integrations
APPROVED

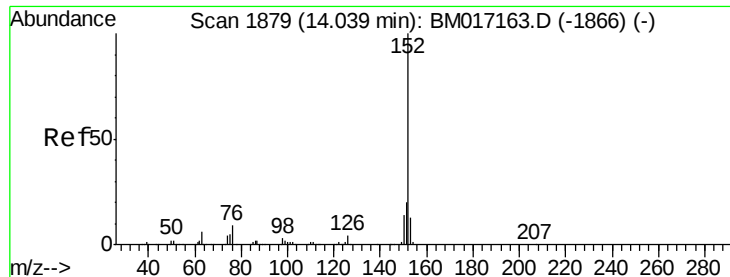
Sohil
10/23/2018 2:21:00 PM



#48
2-Nitroaniline
Concen: 41.751 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.9	82.3
138	107.3	83.7	125.5





#49

Acenaphthylene

Concen: 44.634 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tot Ion:152 Resp: 4966047

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

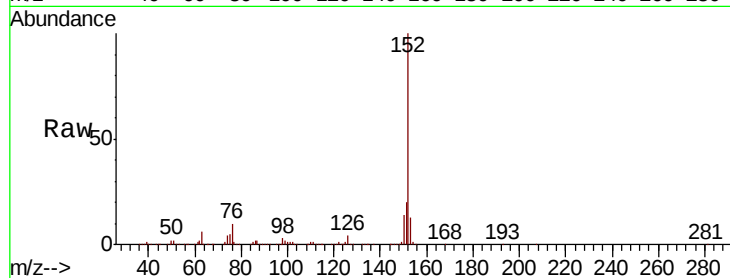
153 13.0 10.4 15.6

Manual Integrations

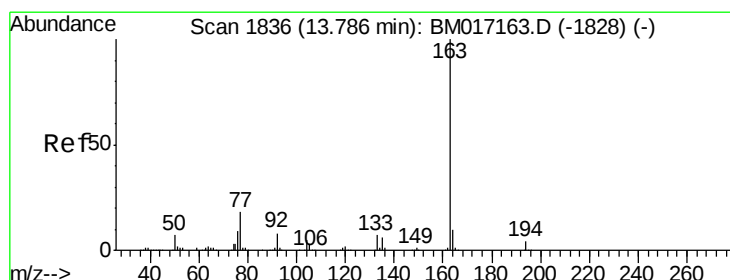
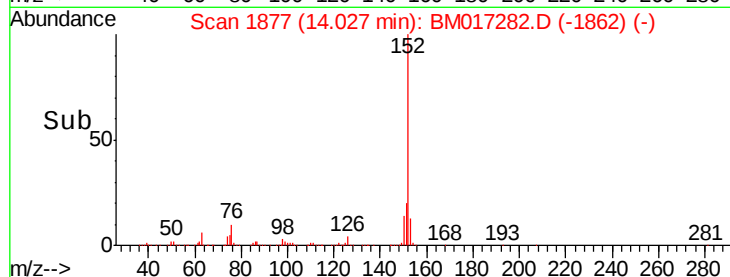
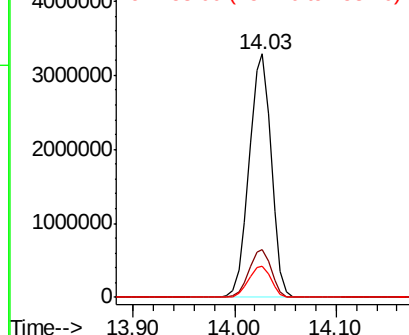
APPROVED

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10/23/2018 2:21:00 PM



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: 41.448 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

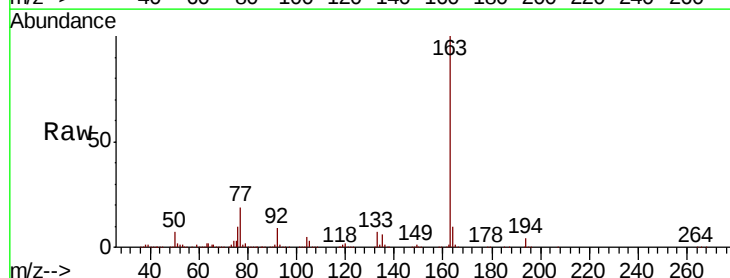
Tgt Ion:163 Resp: 3707666

Ion Ratio Lower Upper

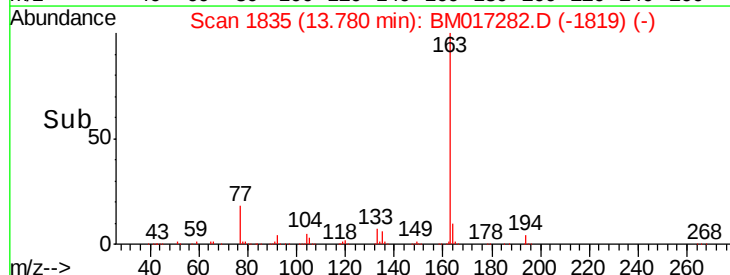
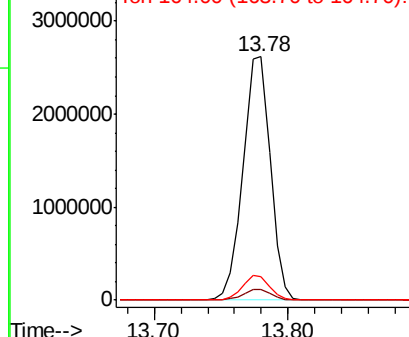
163 100

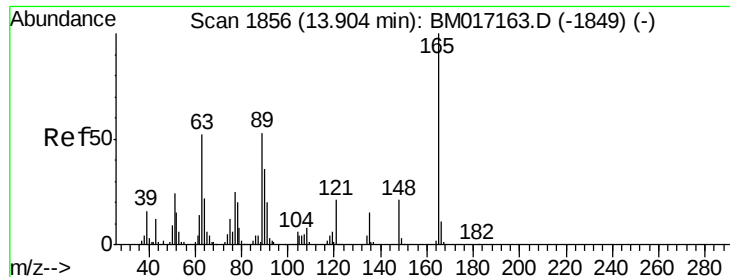
194 4.4 3.3 4.9

164 9.8 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





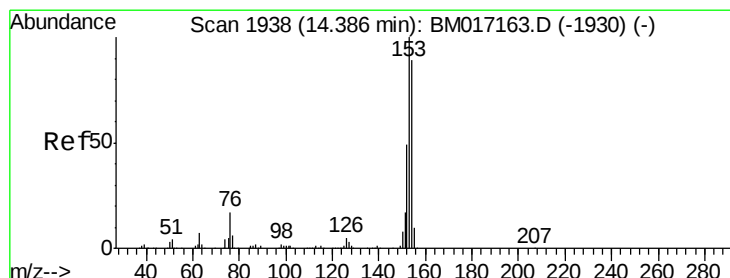
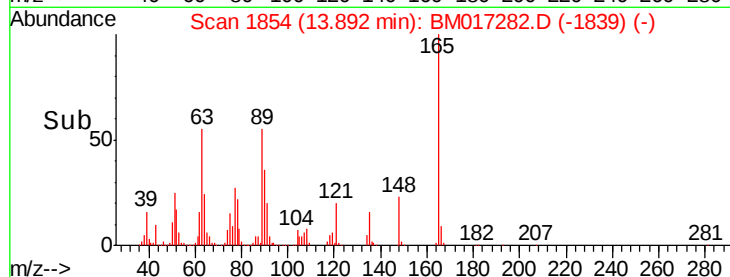
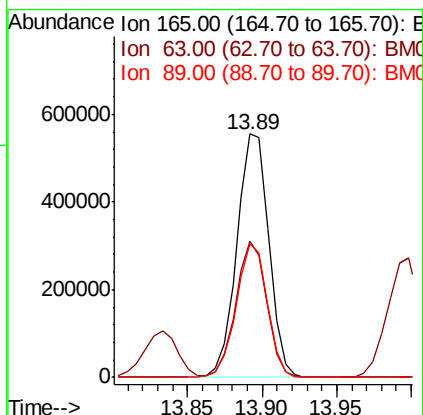
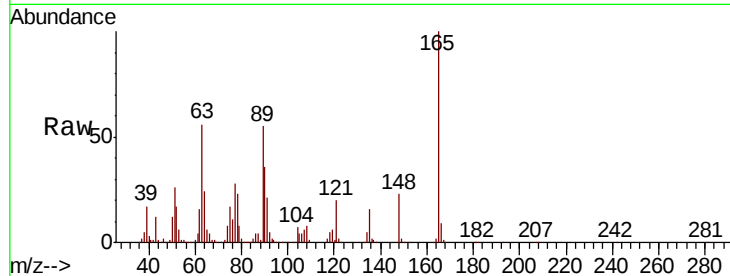
#51
2,6-Dinitrotoluene
Concen: 41.819 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	42.7	64.1
89	54.7	42.1	63.1

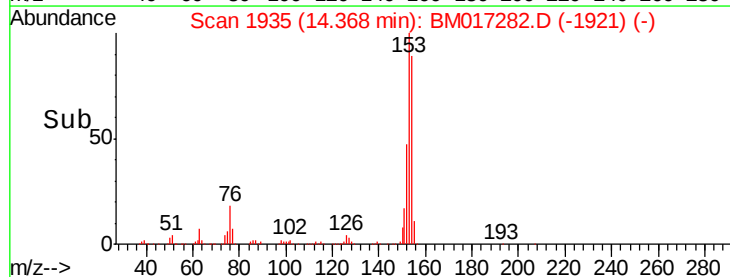
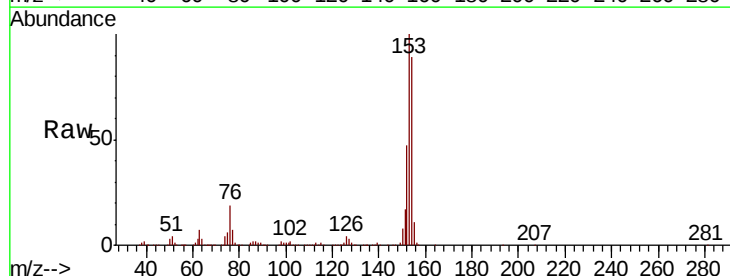
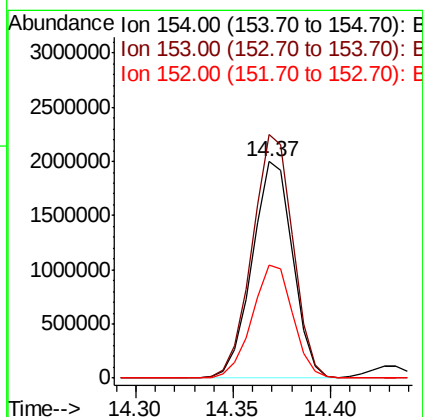
Manual Integrations
APPROVED

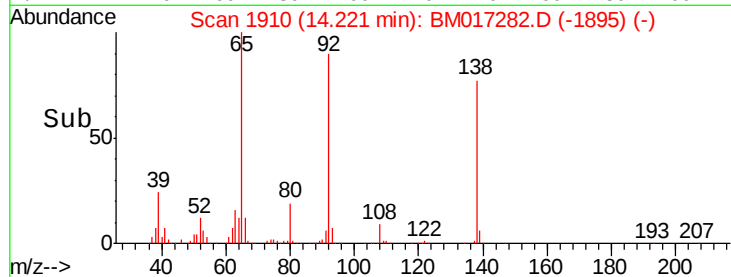
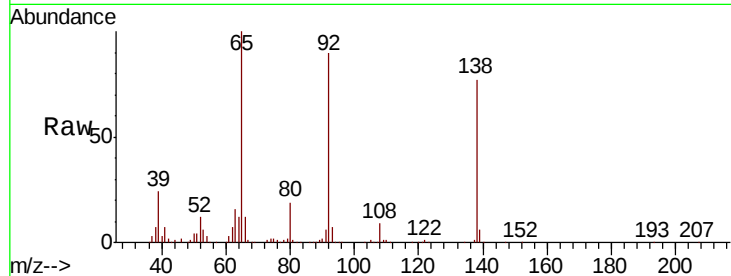
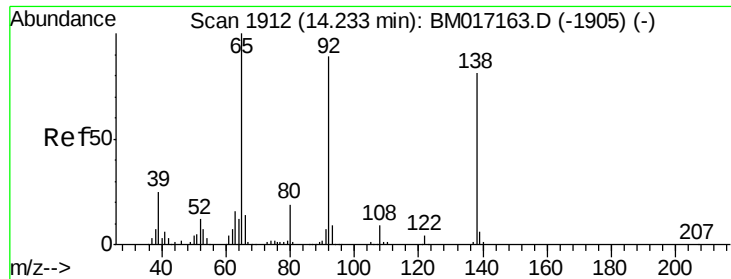
Sohil
10/23/2018 2:21:00 PM



#52
Acenaphthene
Concen: 41.282 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.2	135.2
152	52.4	44.2	66.4





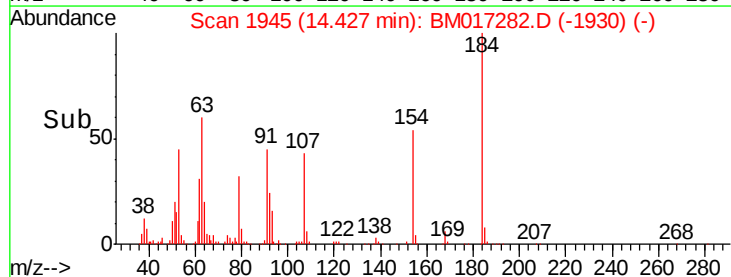
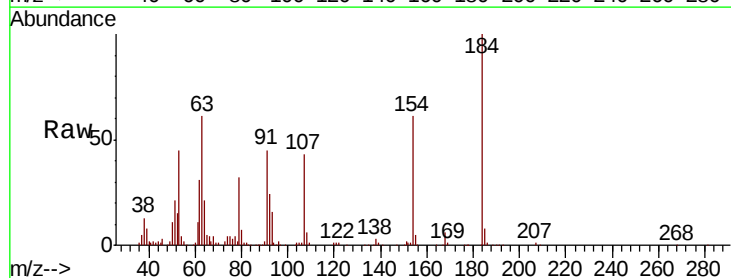
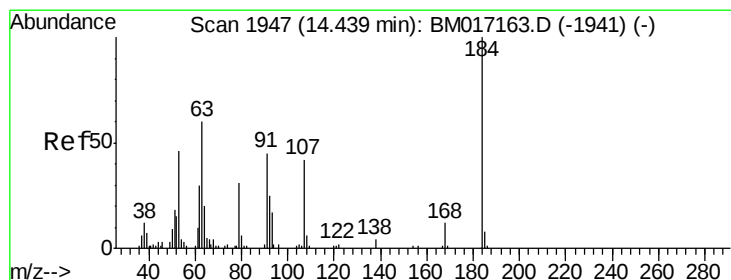
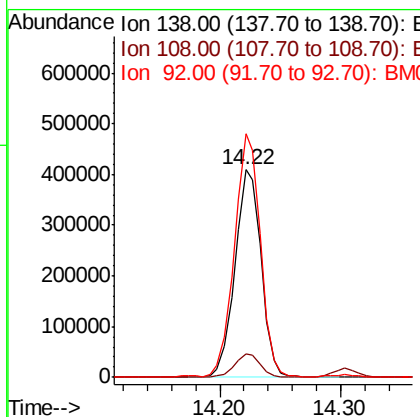
#53
3-Nitroaniline
Concen: 29.069 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.7	13.1
92	117.3	87.9	131.9

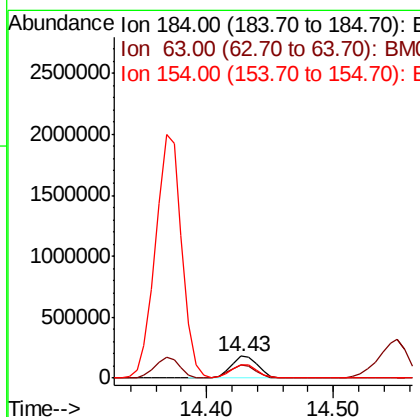
Manual Integrations
APPROVED

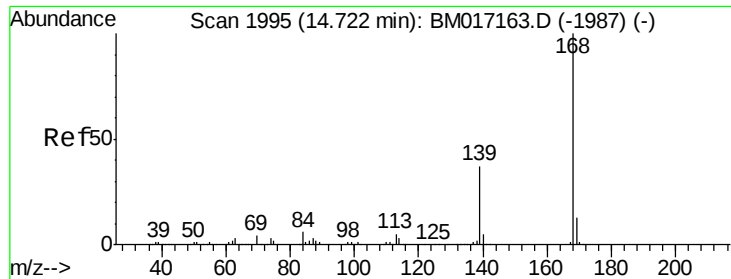
Sohil
10/23/2018 2:21:00 PM



#54
2,4-Dinitrophenol
Concen: 28.730 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	51.2	76.8
154	61.0	47.8	71.8





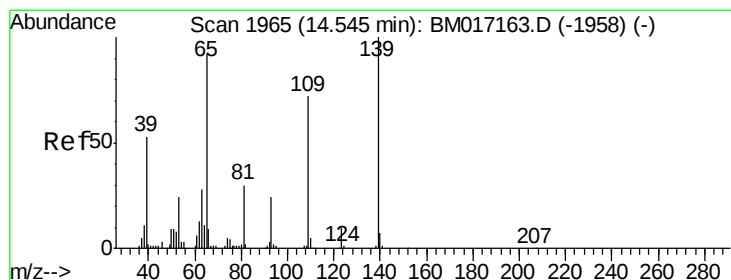
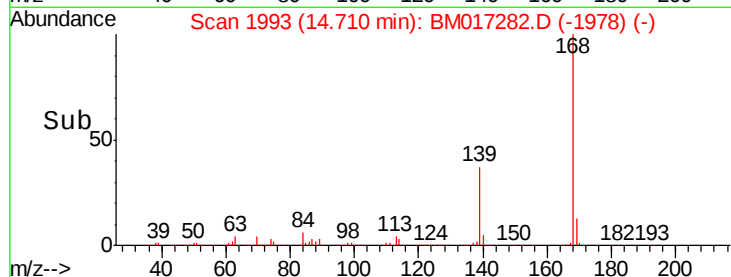
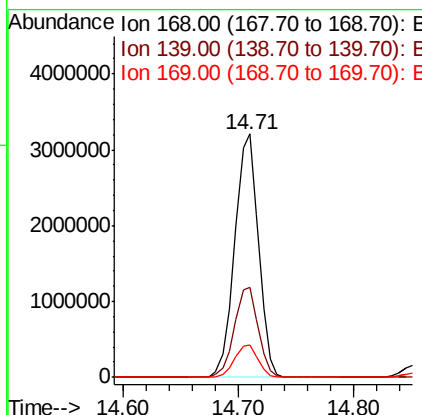
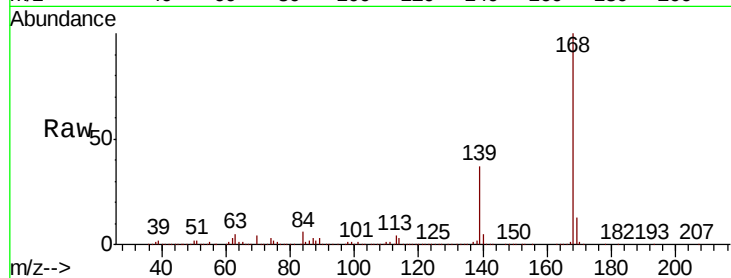
#55
Dibenzofuran
Concen: 39.101 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.3	43.9
169	13.1	10.6	15.8

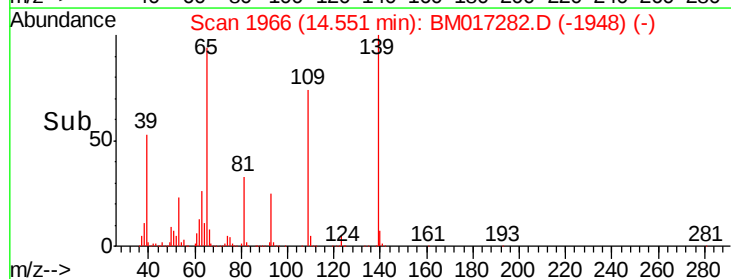
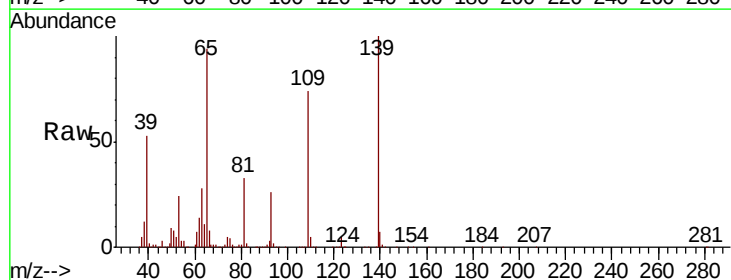
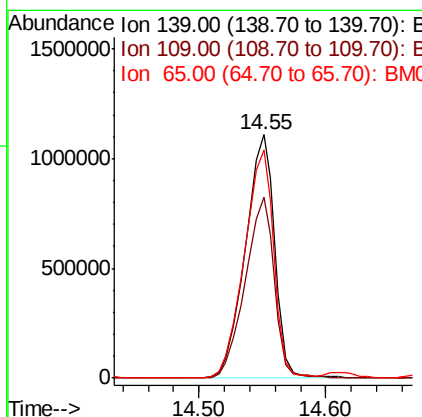
Manual Integrations
APPROVED

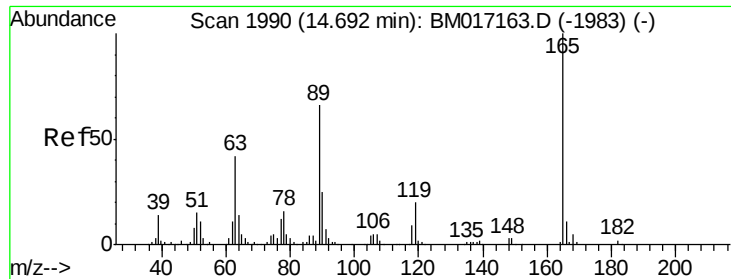
Sohil
10/23/2018 2:21:00 PM



#56
4-Nitrophenol
Concen: 91.497 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.4	51.8	91.8
65	93.8	72.1	112.1





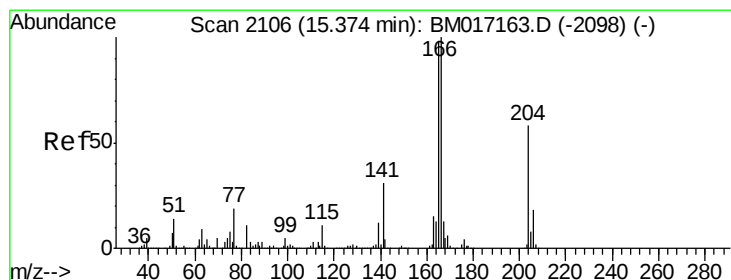
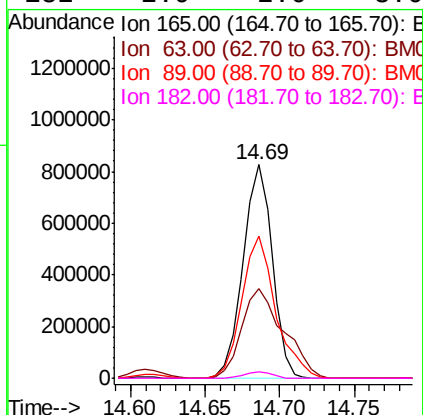
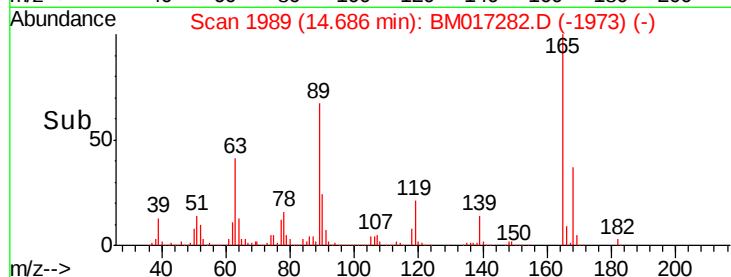
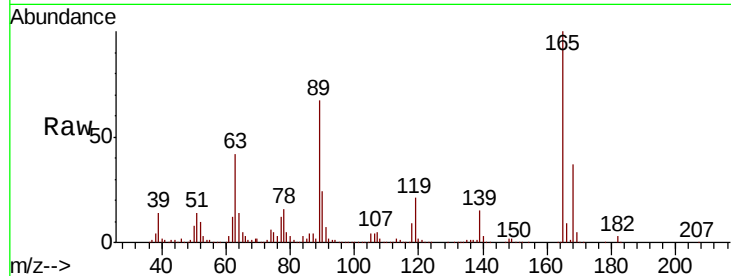
#57
2,4-Dinitrotoluene
Concen: 42.224 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.2	33.8	50.8
89	66.8	53.1	79.7
182	2.9	2.0	3.0

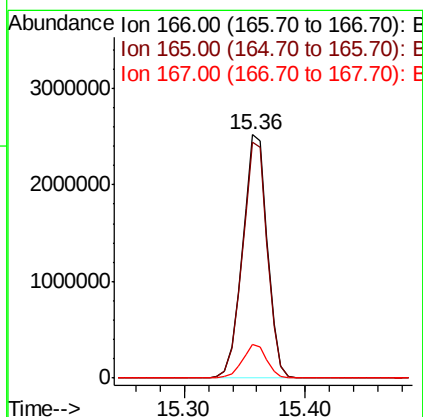
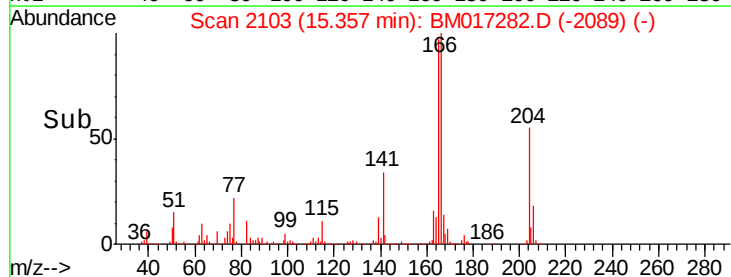
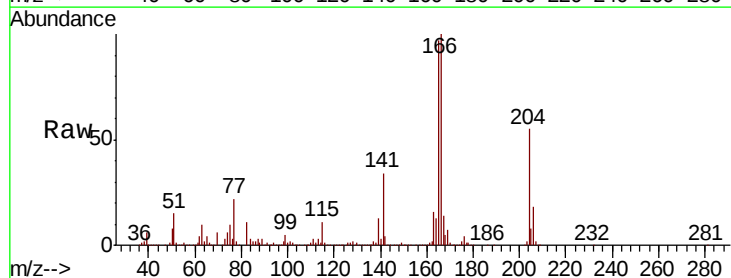
Manual Integrations
APPROVED

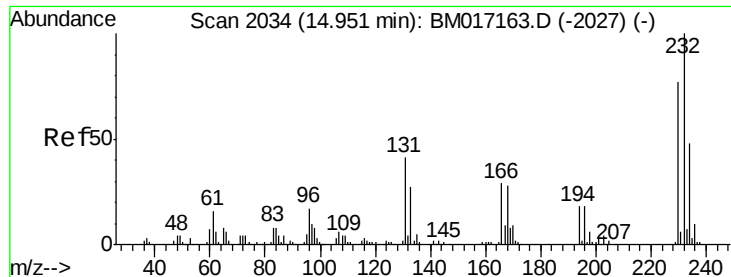
Sohil
10/23/2018 2:21:00 PM



#58
Fluorene
Concen: 41.847 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.1	117.1
167	13.7	10.6	16.0





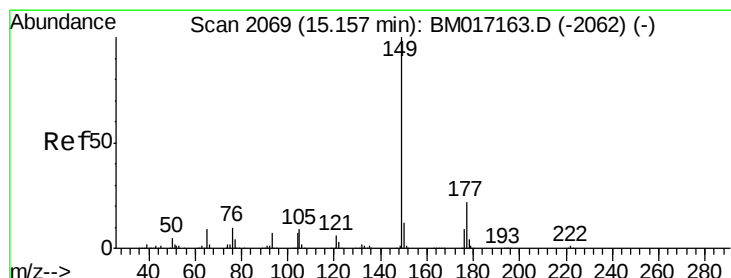
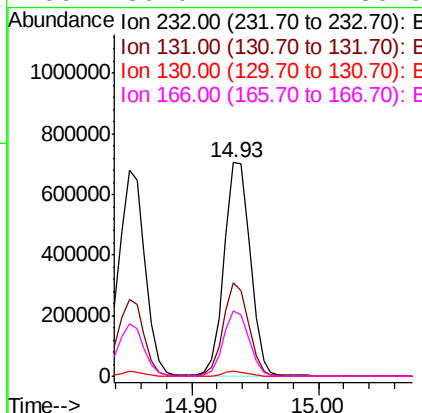
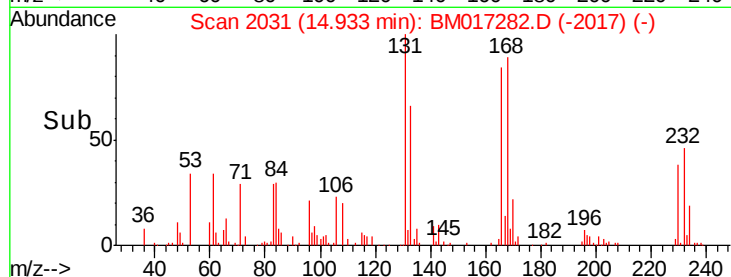
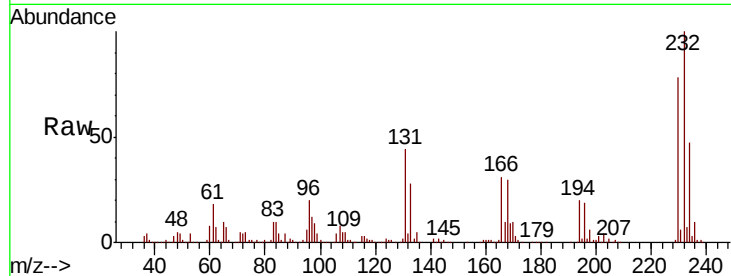
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.411 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.1	49.7
130	2.2	1.7	2.5
166	30.0	24.4	36.6

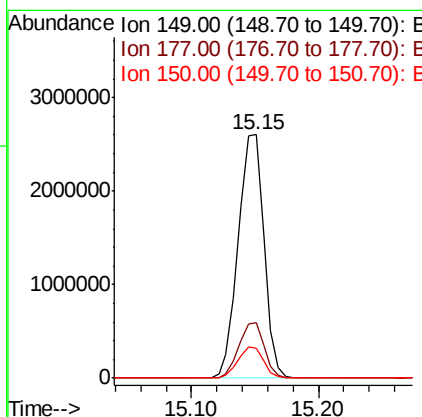
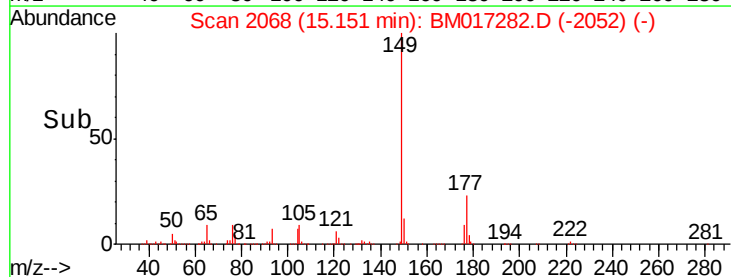
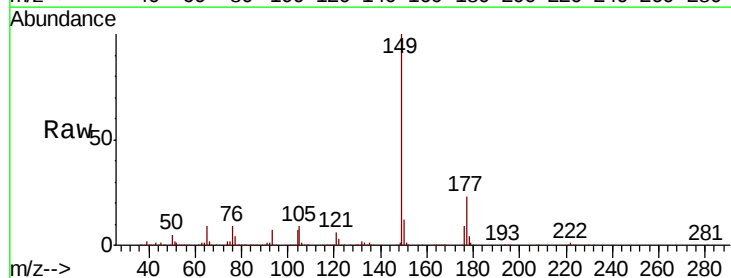
Manual Integrations
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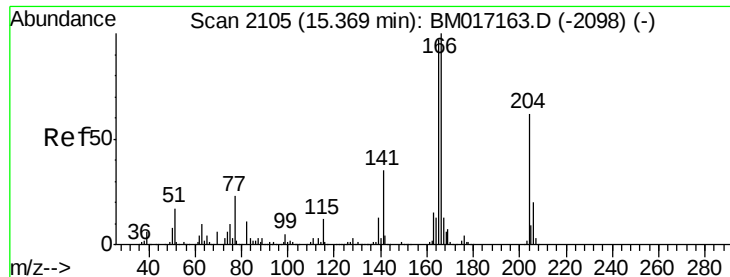
Sohil
 10/23/2018 2:21:00 PM



#60
 Diethylphthalate
 Concen: 41.186 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.7	26.5
150	12.1	10.0	15.0





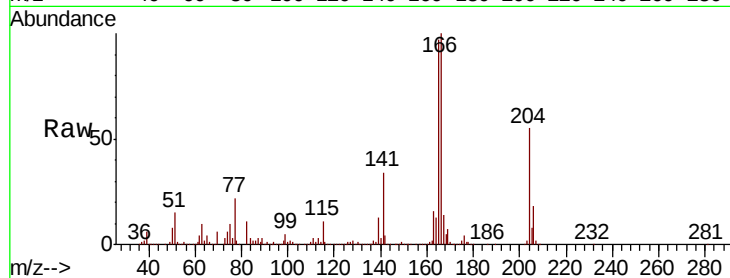
#61
4-Chlorophenyl-phenylether
Concen: 37.644 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.1	39.1
141	60.7	45.4	68.2

Manual Integrations
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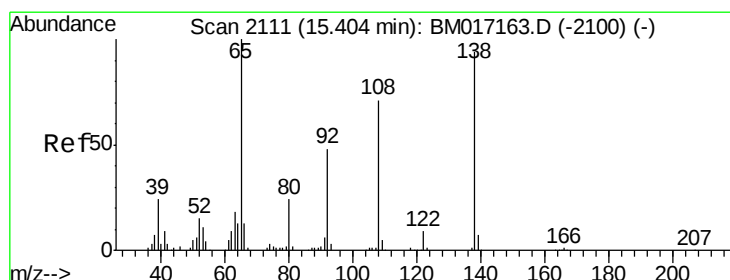
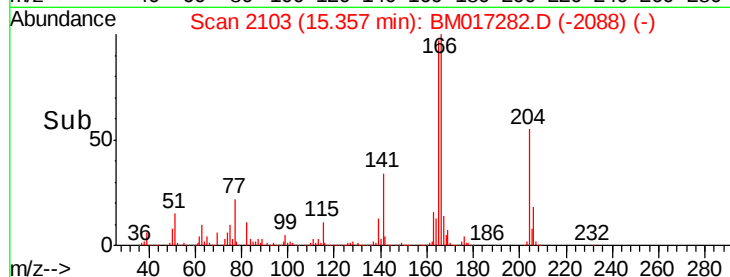
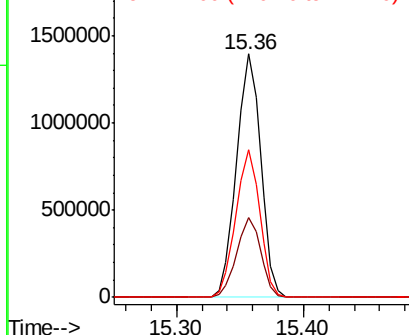


Abundance

Ion 204.00 (203.70 to 204.70): E

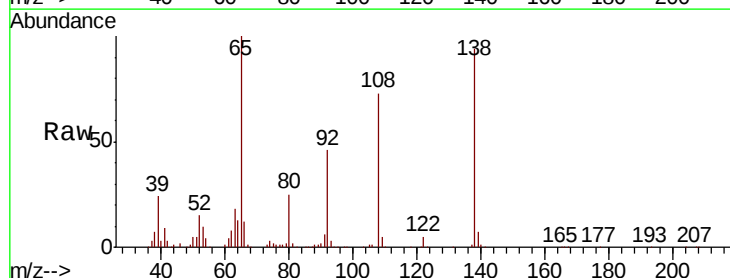
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.269 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.2	71.2
108	78.0	55.5	95.5

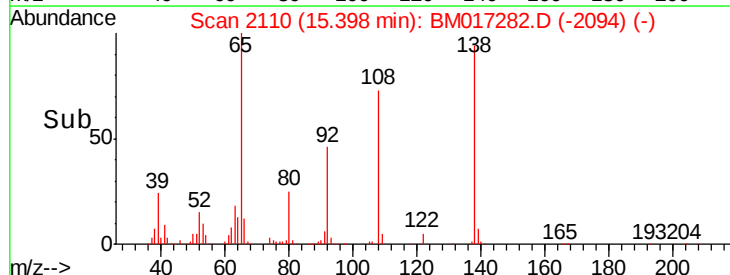
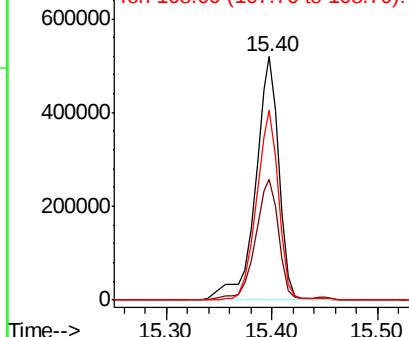


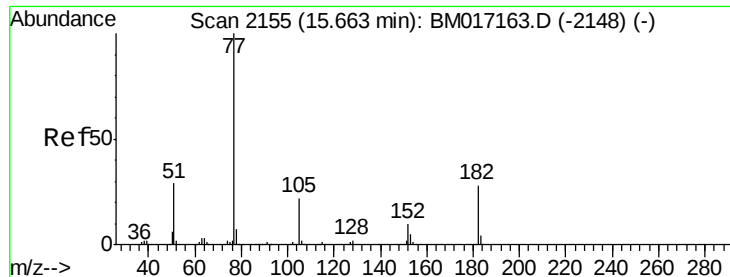
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





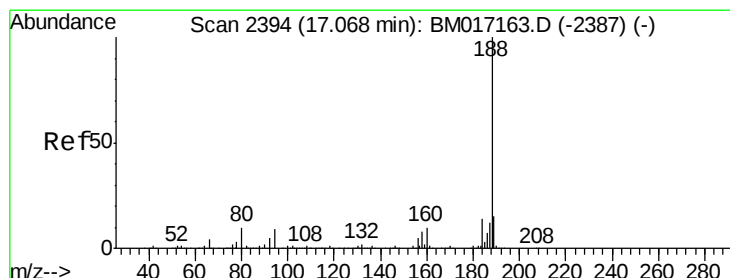
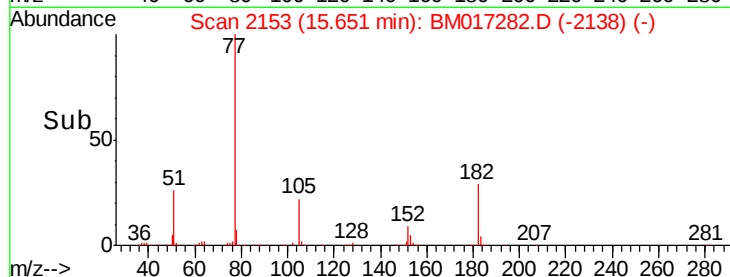
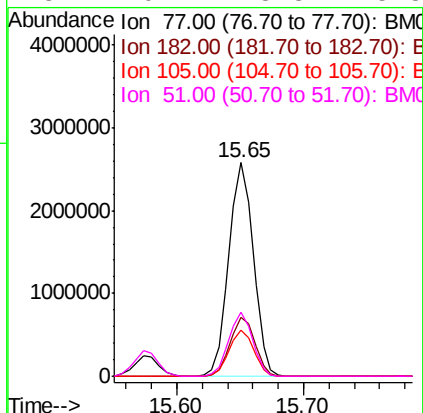
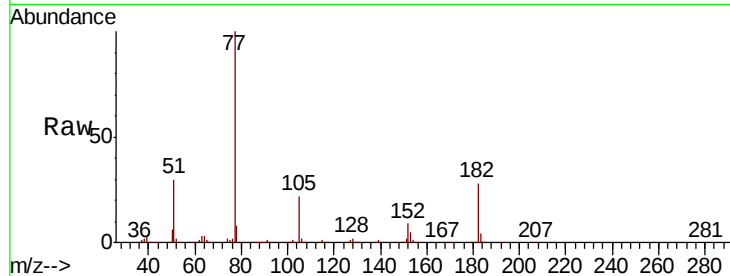
#63
Azobenzene
Concen: 40.111 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion:	77	Resp:	3458574
Ion	Ratio	Lower	Upper
77	100		
182	27.8	8.3	48.3
105	21.7	1.5	41.5
51	29.7	8.8	48.8

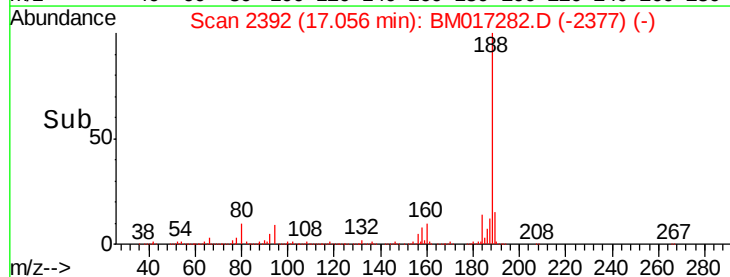
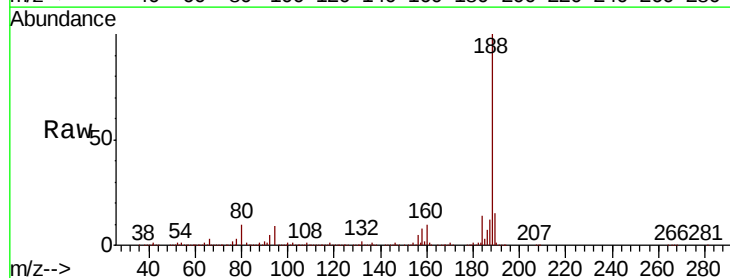
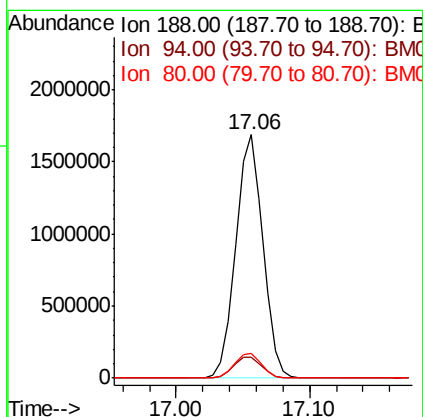
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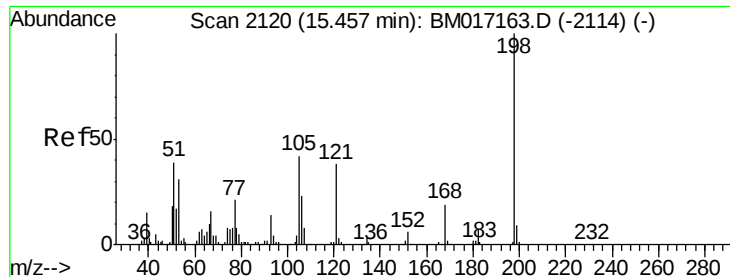
Sohil
10/23/2018 2:21:00 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:	188	Resp:	2379083
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	9.9	7.7	11.5





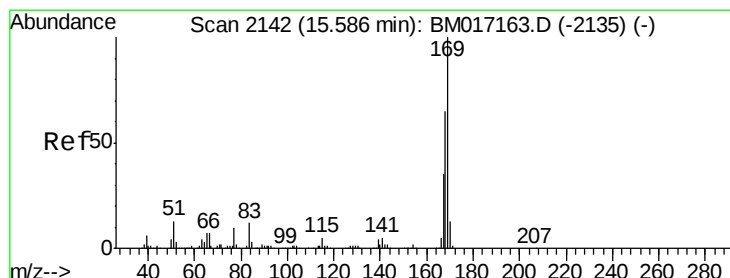
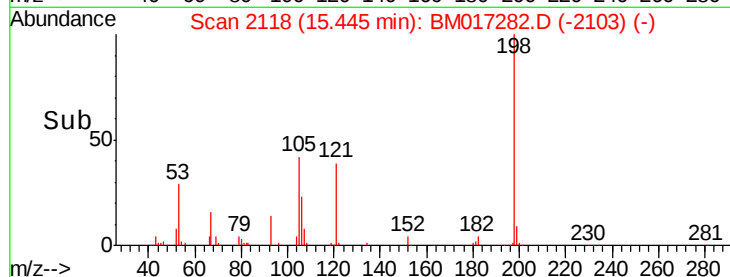
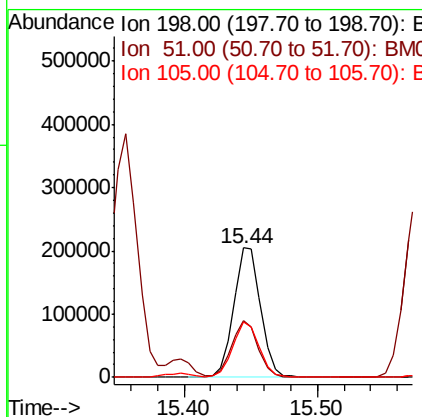
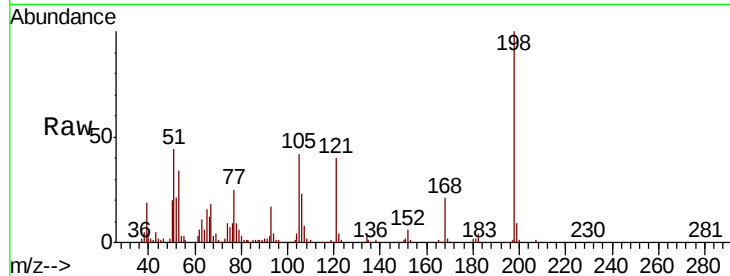
#65
4,6-Dinitro-2-methylphenol
Concen: 23.086 ng
RT: 15.44 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	287679		
51	43.8		20.3	60.3
105	42.4		21.9	61.9

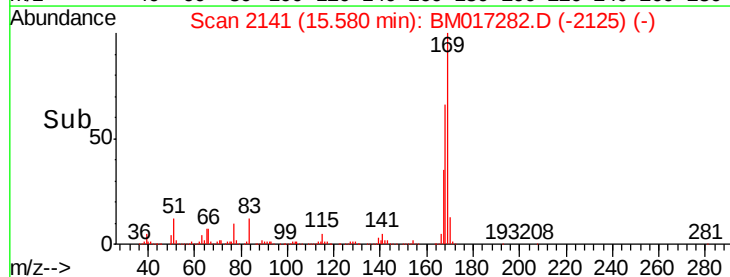
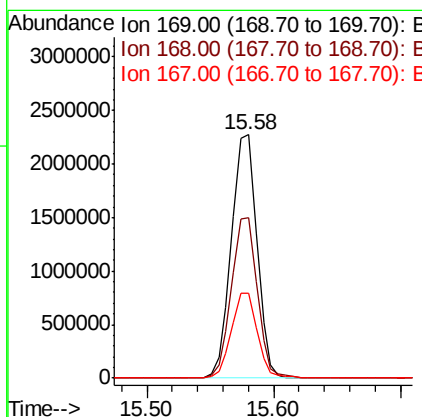
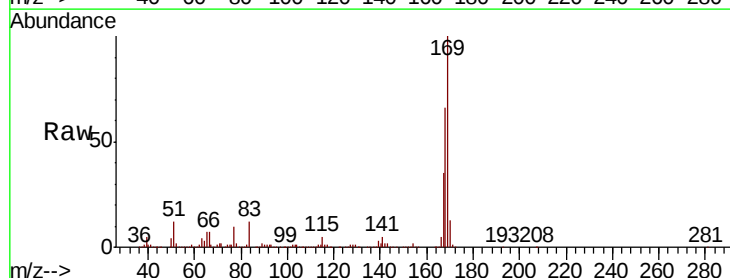
Manual Integrations
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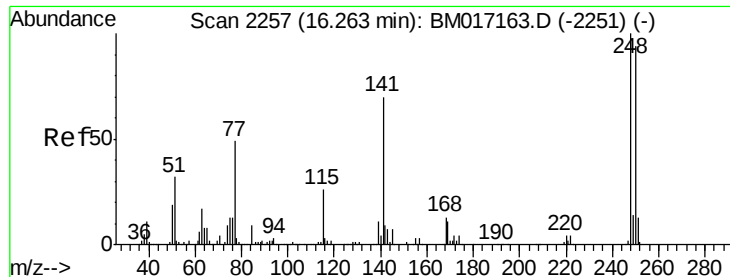
Sohil
10/23/2018 2:21:00 PM



#66
n-Nitrosodiphenylamine
Concen: 43.907 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	3160387		
168	65.8		52.2	78.4
167	34.9		28.4	42.6





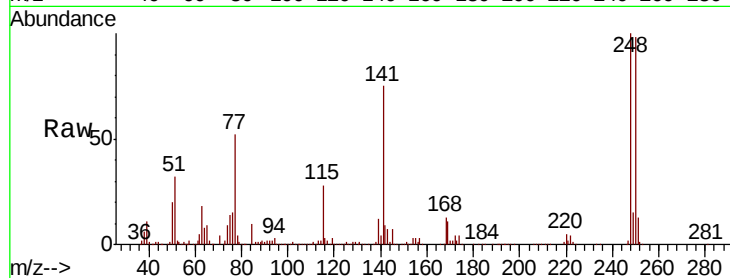
#67
4-Bromophenyl-phenylether
Concen: 44.679 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	75.1	112.7
141	74.6	55.6	83.4

Manual Integrations
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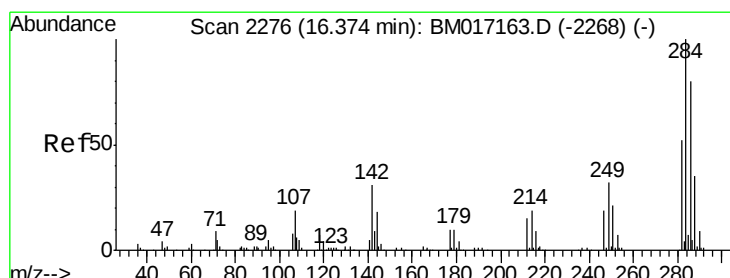
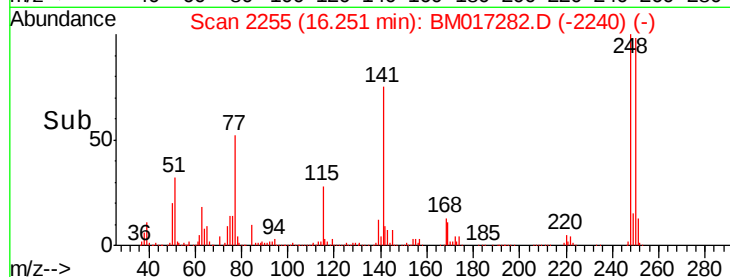
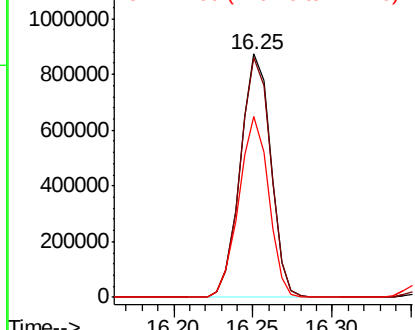


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.889 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

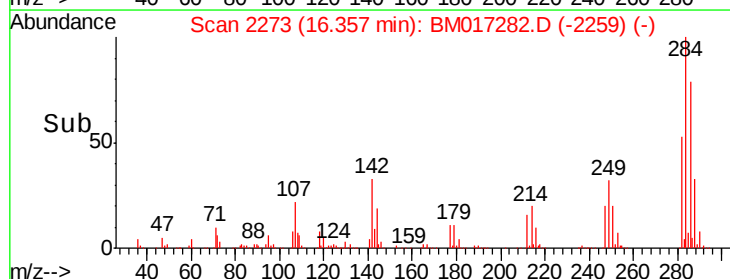
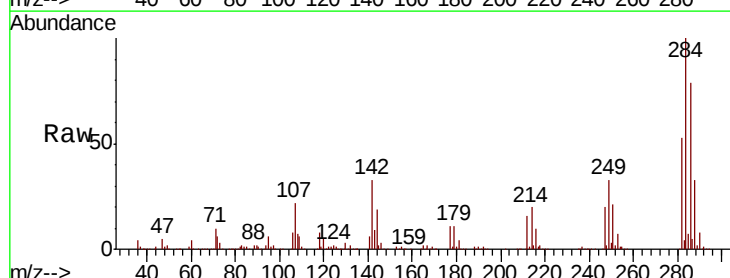
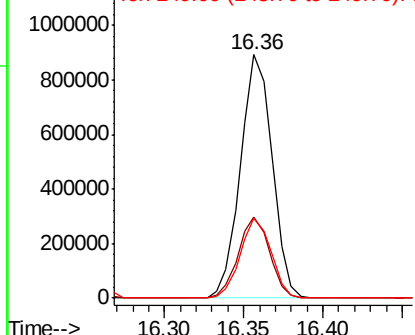
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.0	37.6
249	32.6	25.5	38.3

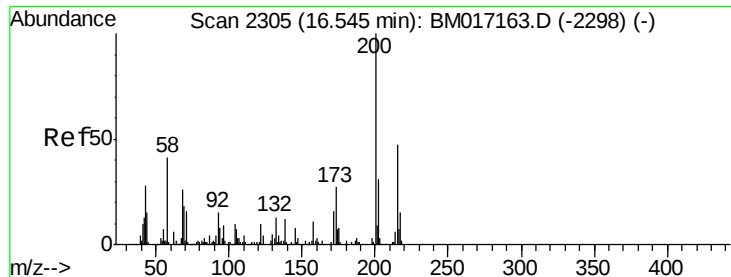
Abundance

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





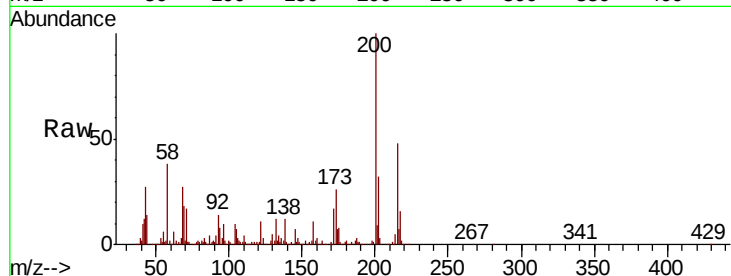
#69
Atrazine
Concen: 43.541 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.0	47.0
215	48.2	27.3	67.3

Manual Integrations
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Sohil
10/23/2018 2:21:00 PM

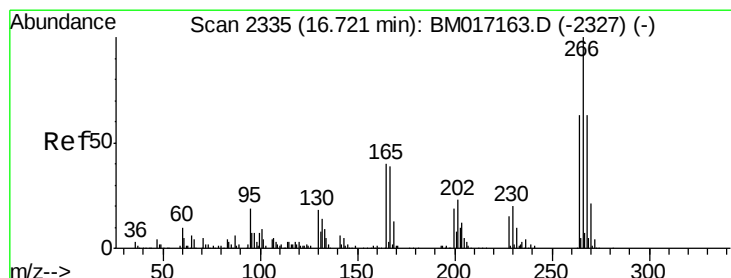
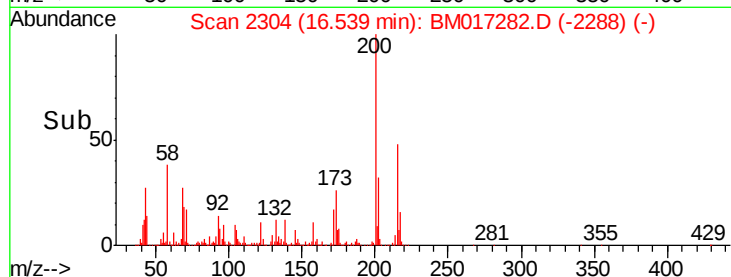
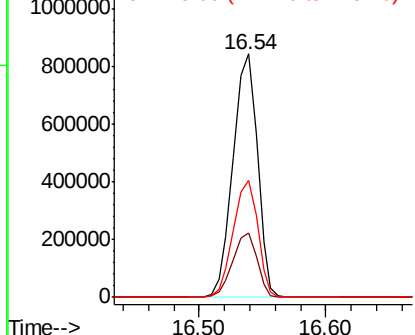


Abundance

Ion 200.00 (199.70 to 200.70): E

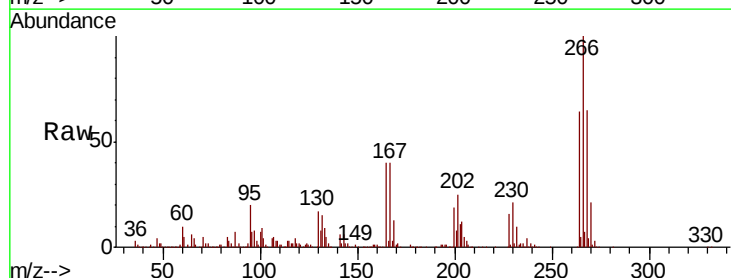
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 60.192 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.7	76.1
264	63.8	50.4	75.6

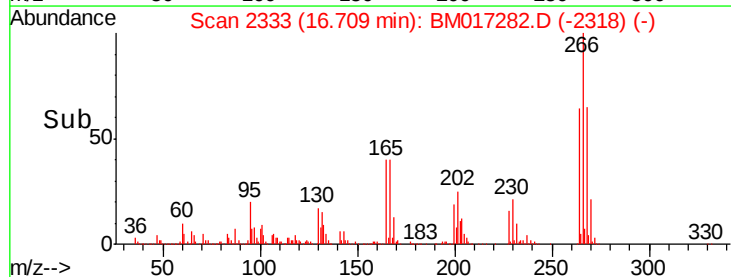
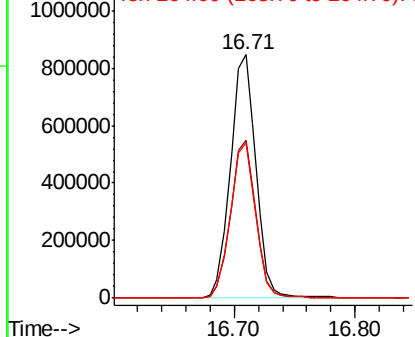


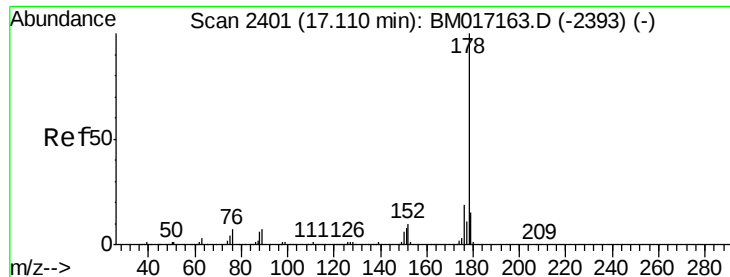
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





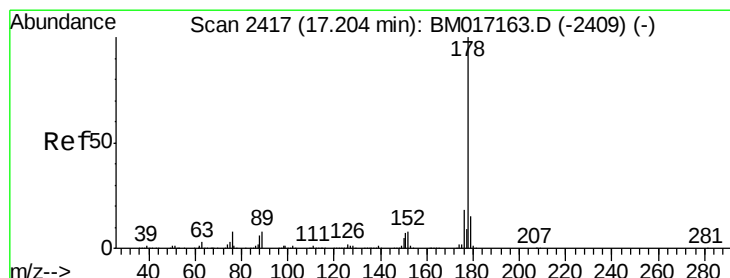
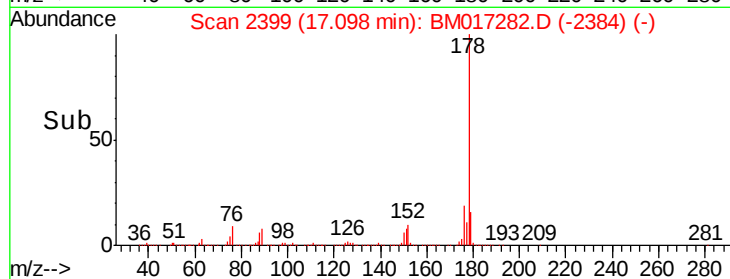
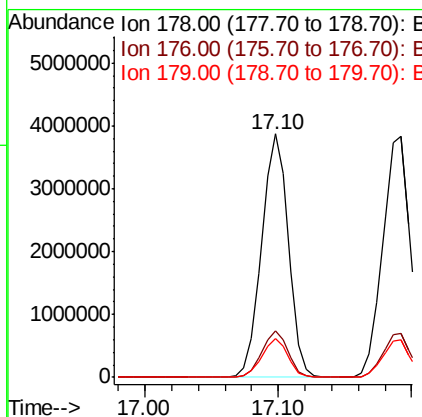
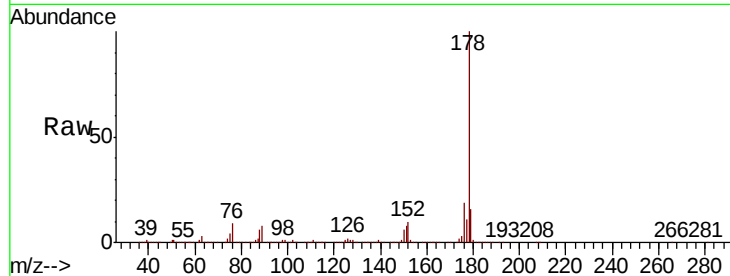
#71
Phenanthrene
Concen: 41.602 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.7	12.3	18.5

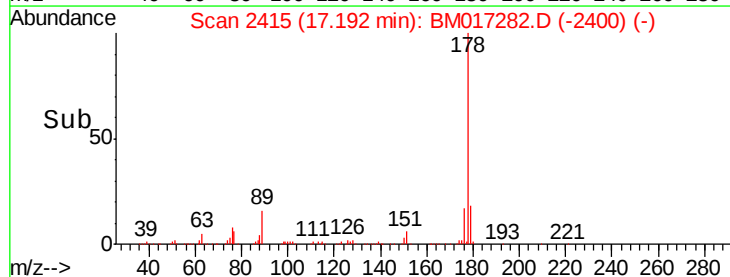
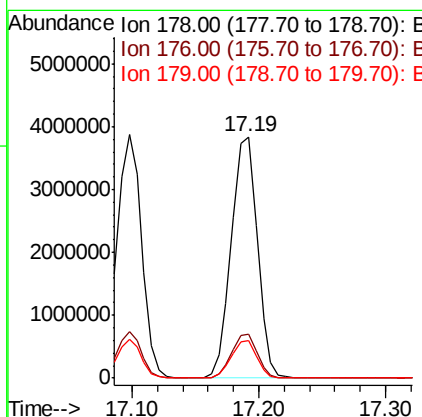
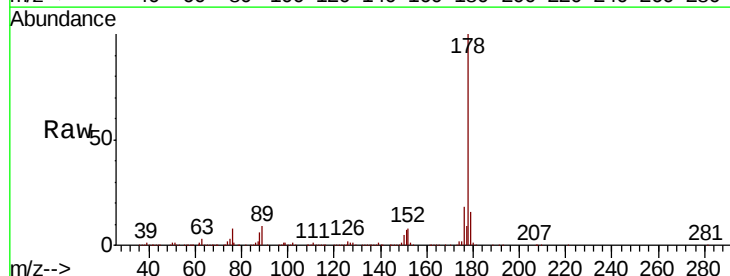
Manual Integrations
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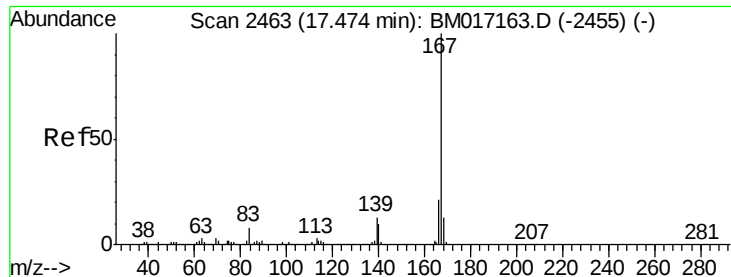
Sohil
10/23/2018 2:21:00 PM



#72
Anthracene
Concen: 44.754 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.5	12.2	18.2





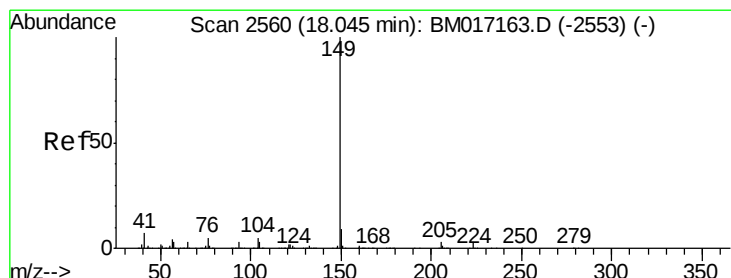
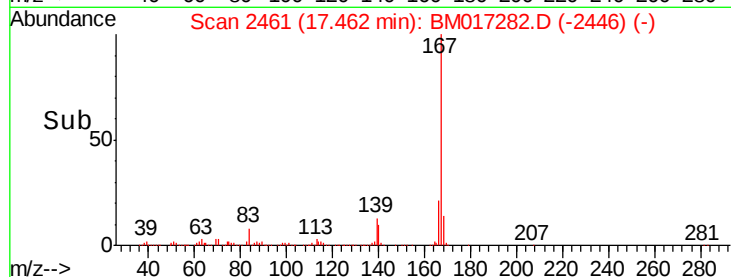
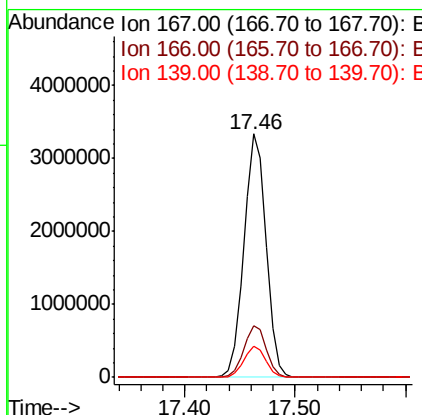
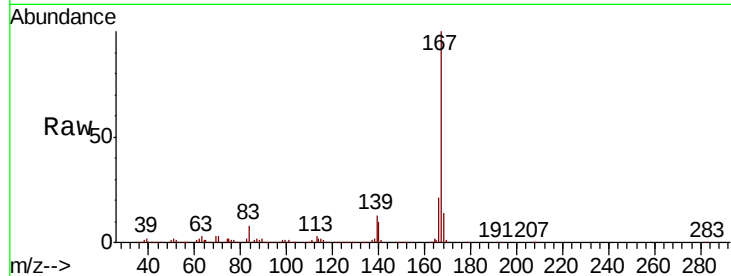
#73
 Carbazole
 Concen: 37.740 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.7	10.1	15.1

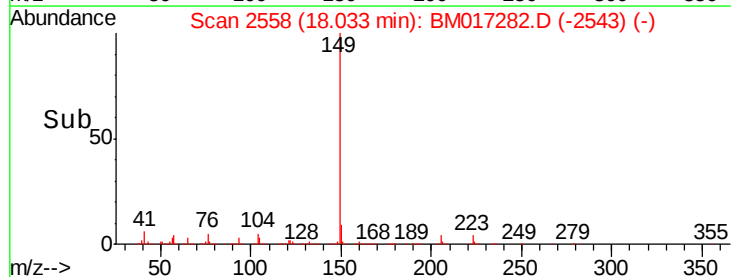
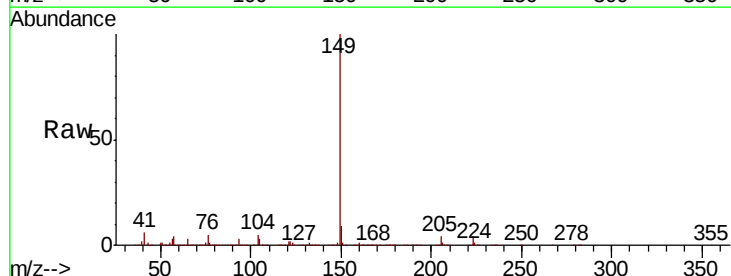
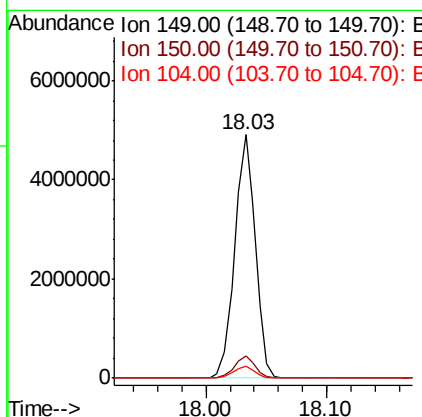
Manual Integrations
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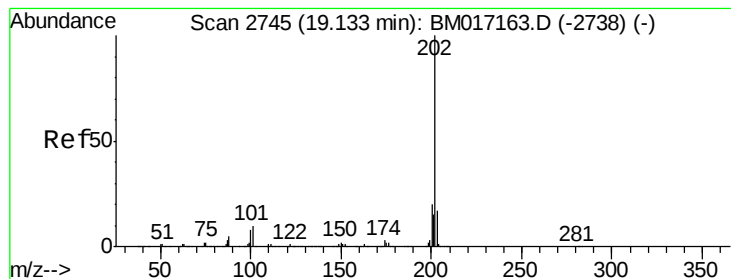
Sohil
 10/23/2018 2:21:00 PM



#74
 Di-n-butylphthalate
 Concen: 44.298 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.3	6.5





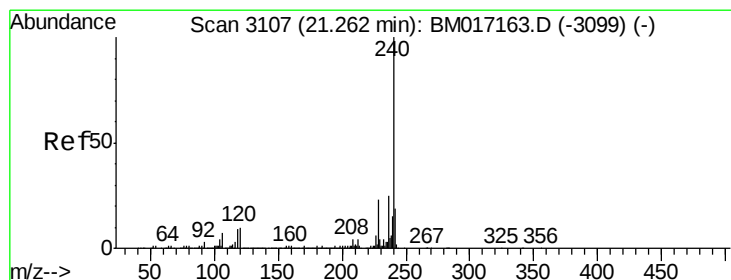
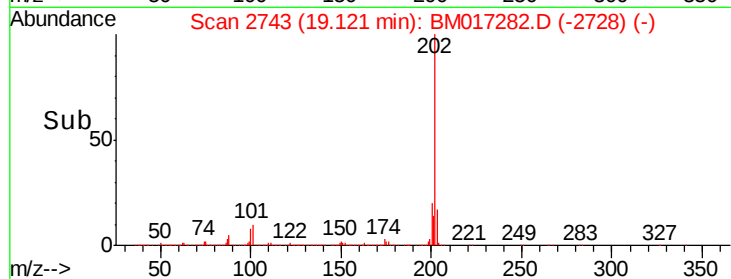
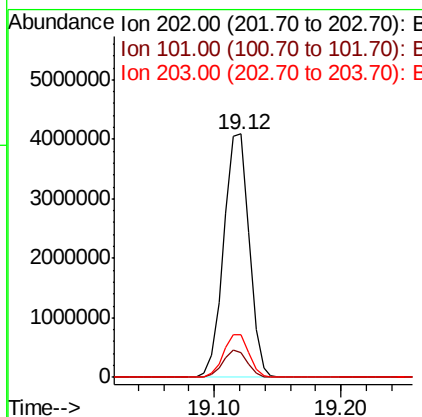
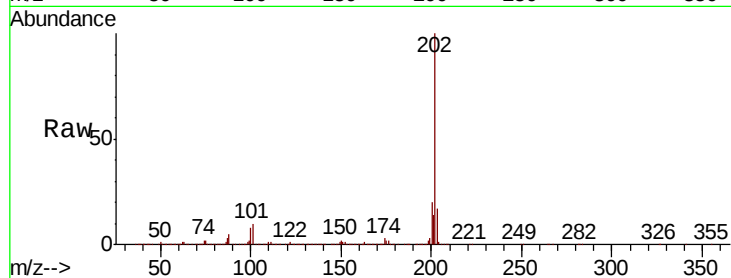
#75
 Fluoranthene
 Concen: 39.181 ng
 RT: 19.12 min Scan# 2743
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleID :
 PB113963BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.0
203	17.5	0.0	37.2

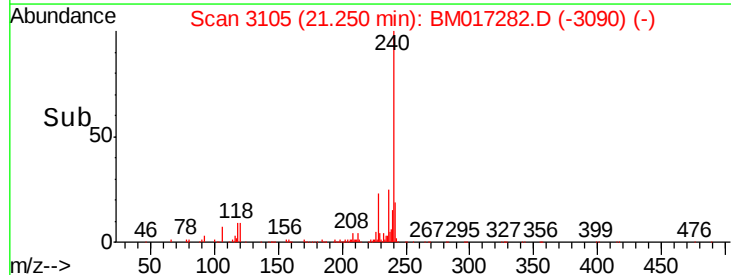
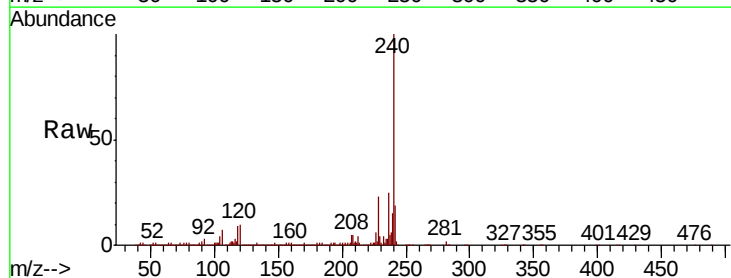
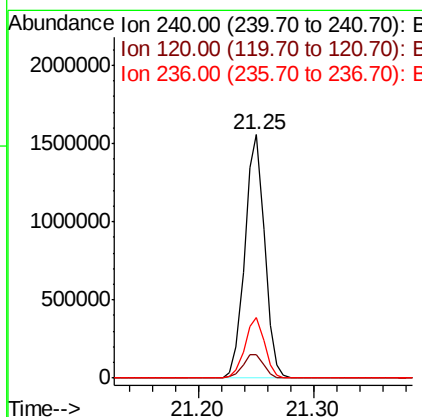
Manual Integrations
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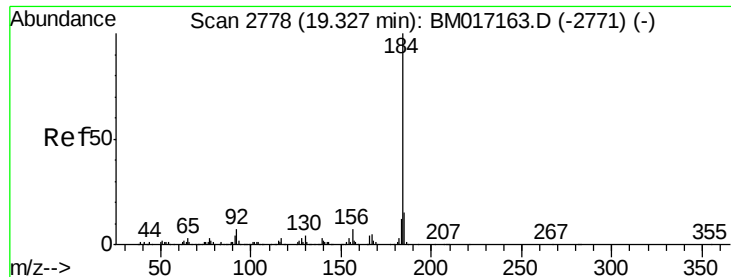
Sohil
 10/23/2018 2:21:00 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.1	12.1
236	25.1	19.9	29.9





#77

Benzidine

Concen: 66.402 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tot Ion:184 Resp: 3099031

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.8

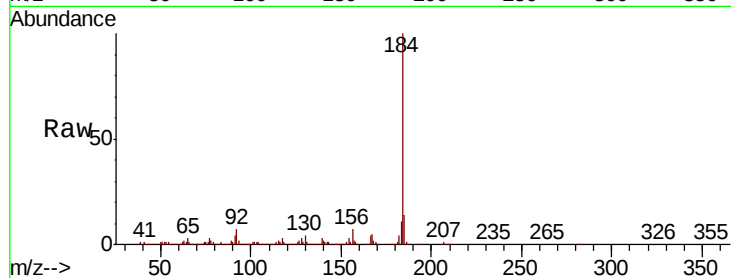
183 11.5 9.7 14.5

Manual Integrations

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Sohil

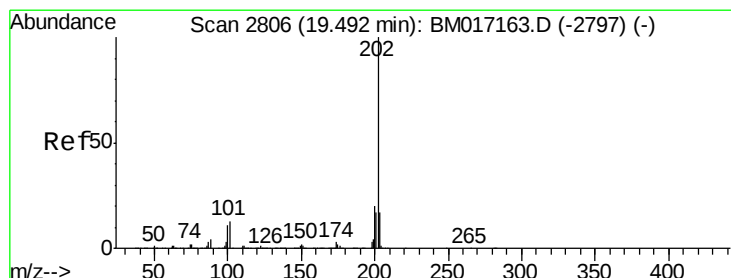
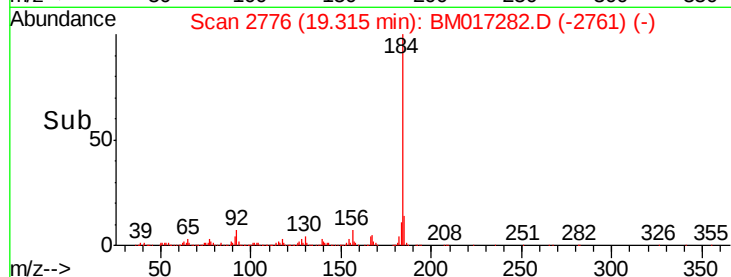
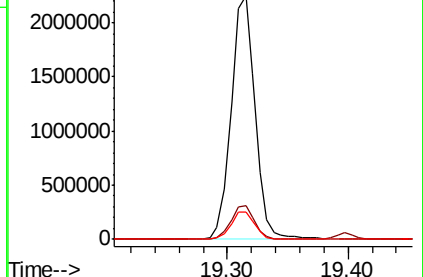
10/23/2018 2:21:00 PM



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: 53.253 ng

RT: 19.48 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

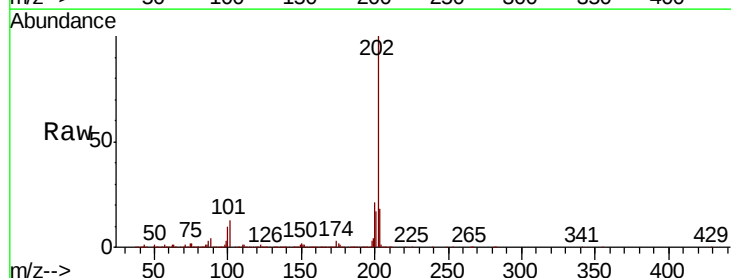
Tgt Ion:202 Resp: 5478271

Ion Ratio Lower Upper

202 100

200 20.8 16.3 24.5

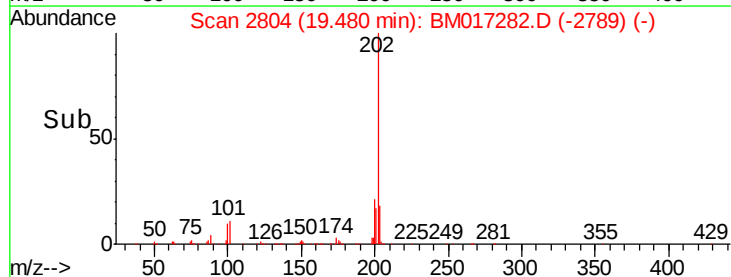
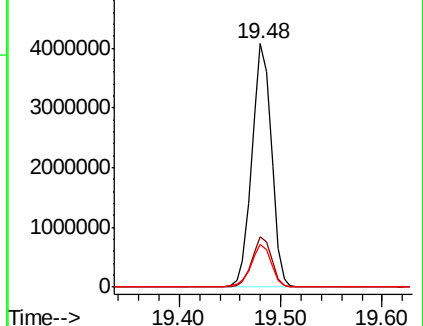
203 17.7 13.9 20.9

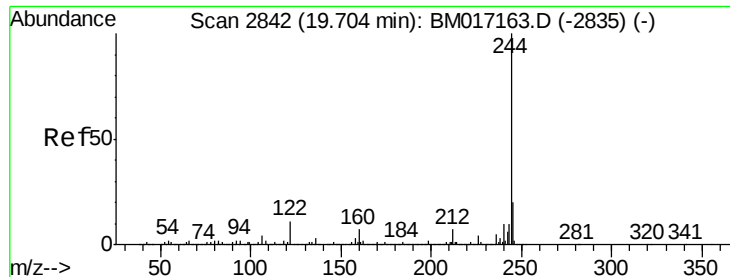


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





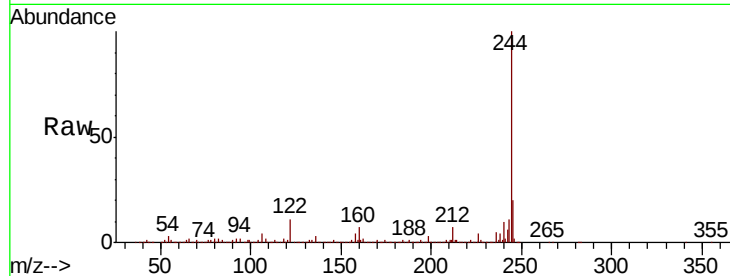
#79
 Terphenyl-d14
 Concen: 90.565 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	11.0	8.4	12.6

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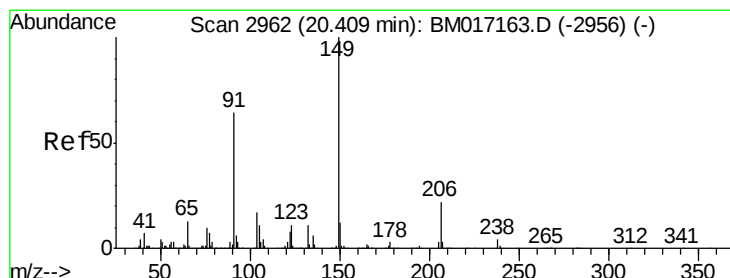
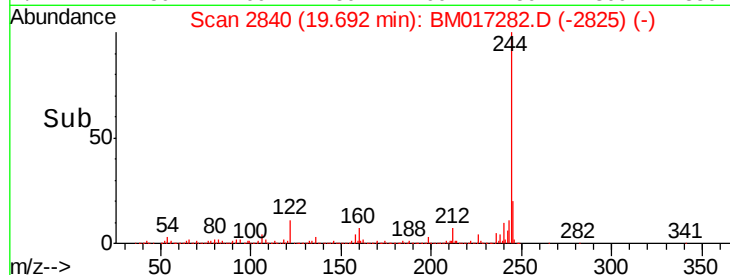
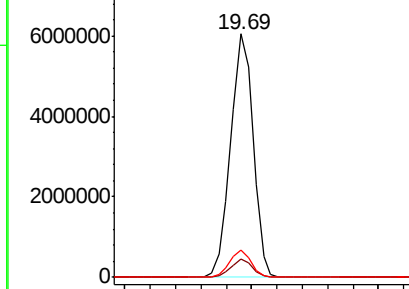


Abundance

Ion 244.00 (243.70 to 244.70): E

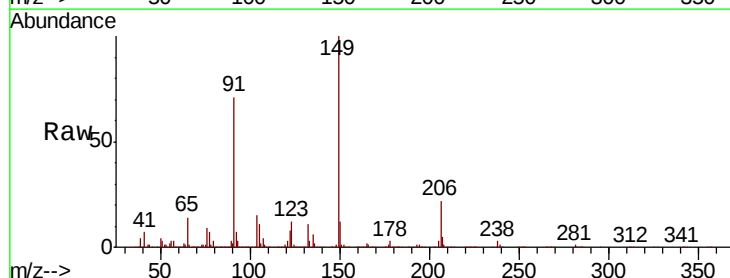
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 57.127 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.3	51.3	76.9
206	21.7	18.0	27.0

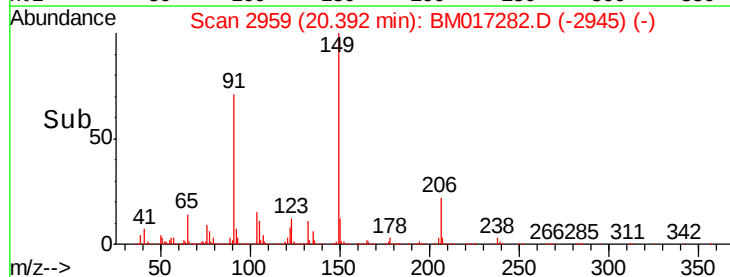
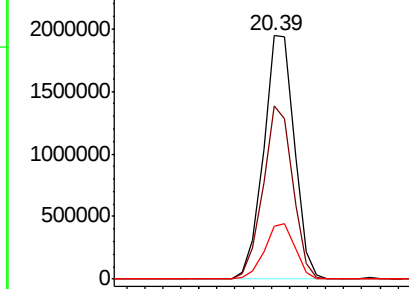


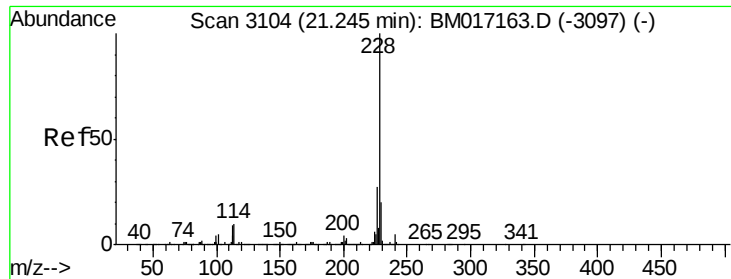
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.933 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

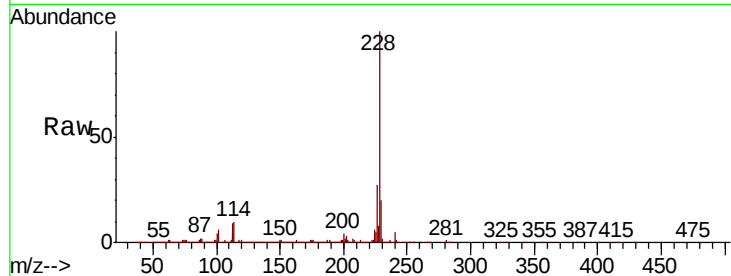
PB113963BS

Tot Ion:228 Resp: 4550440

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.0
229	19.9	15.9	23.9

Manual Integrations
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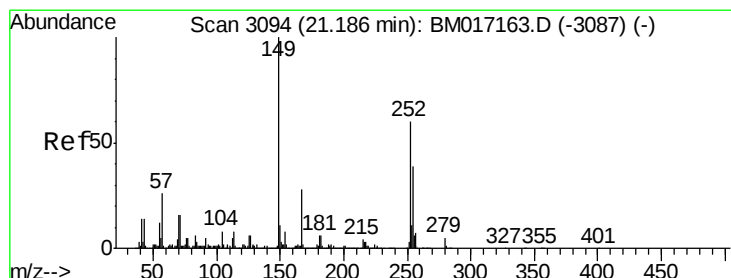
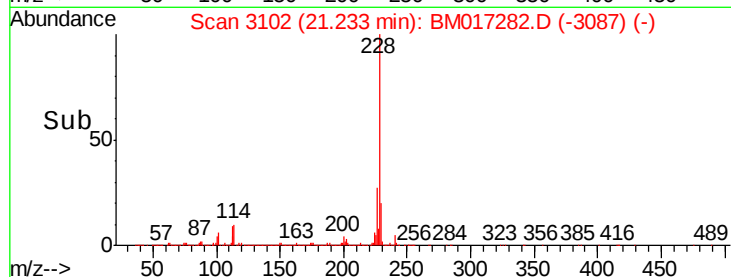
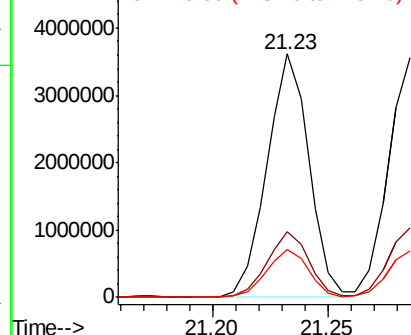


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.336 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion:252 Resp: 1209698

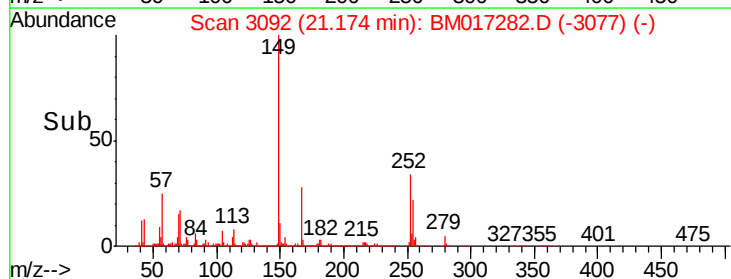
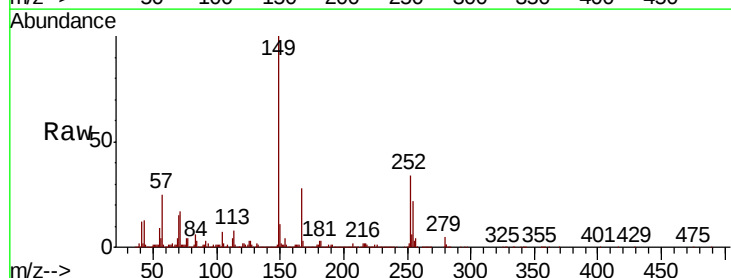
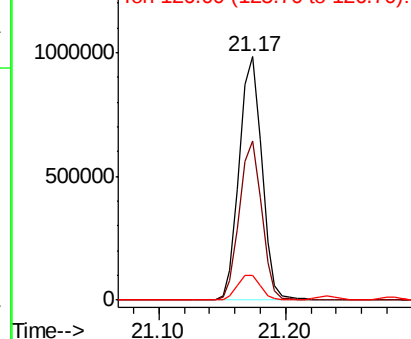
Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	10.3	8.6	12.8

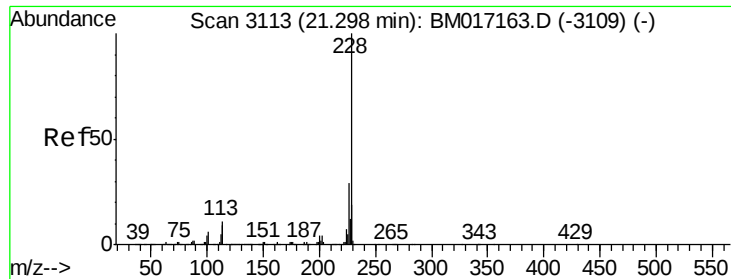
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





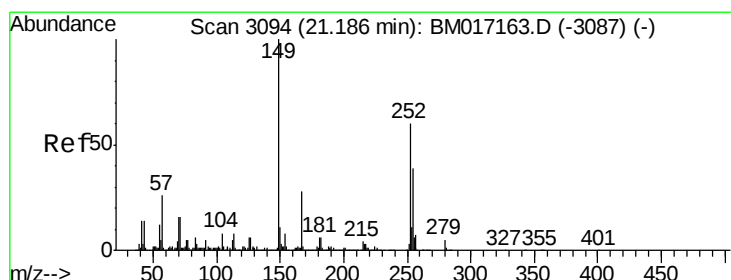
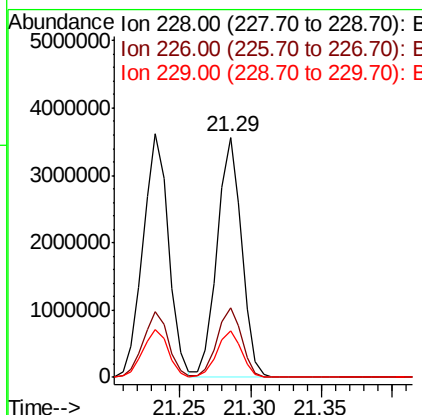
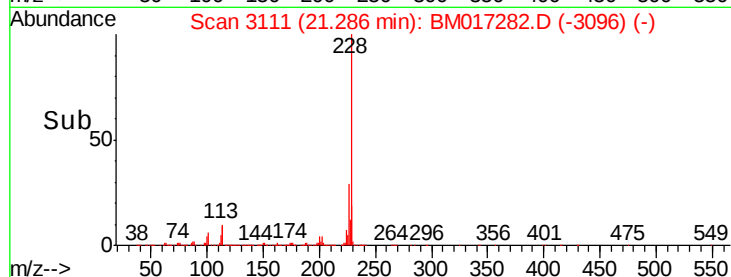
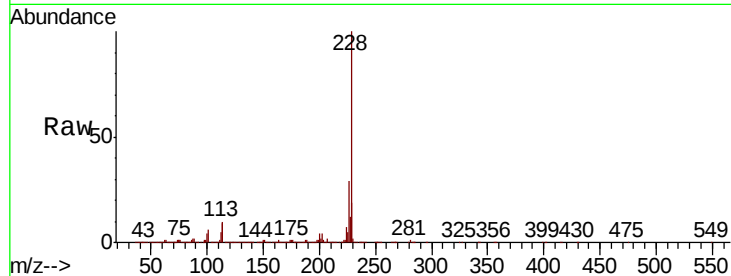
#83
 Chrysene
 Concen: 41.933 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tot Ion:228 Resp: 4298977
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.3 34.9
 229 19.4 15.6 23.4

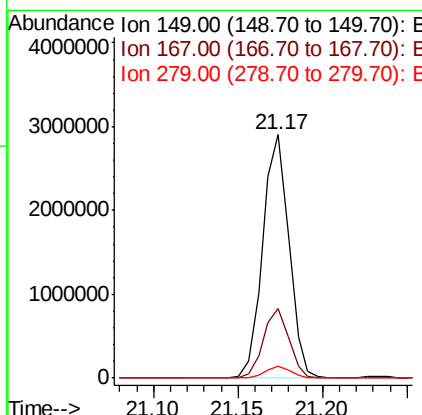
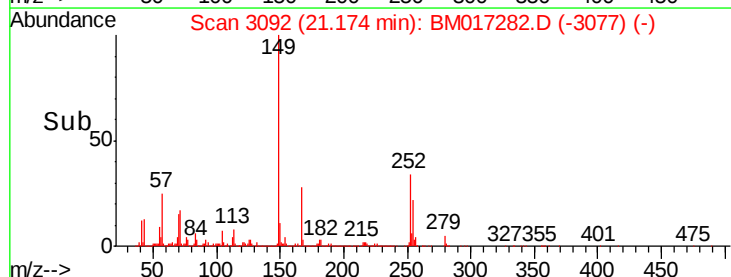
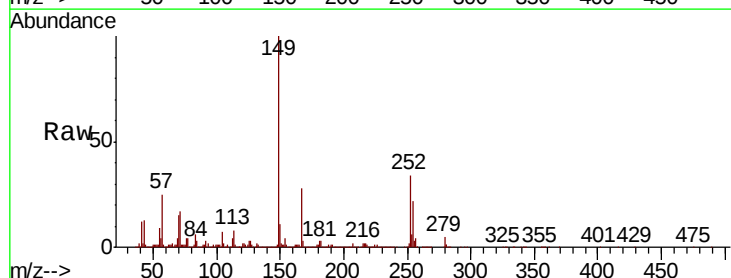
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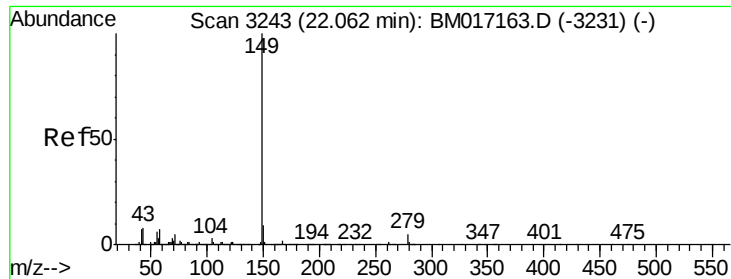
Sohil
 10/23/2018 2:21:00 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.801 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion:149 Resp: 3130841
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.2 33.4
 279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.641 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tot Ion:149 Resp: 4714367

Ion Ratio Lower Upper

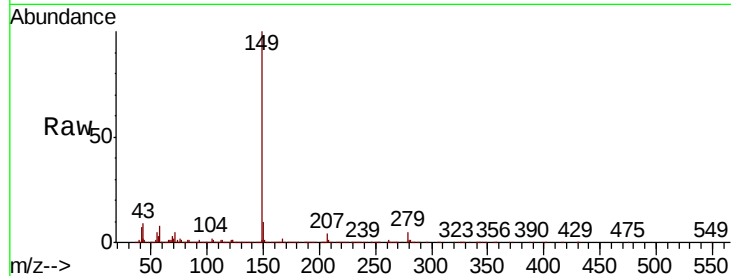
149 100

167 1.6 1.4 2.0

43 8.7 7.2 10.8

Manual Integrations
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Sohil
10/23/2018 2:21:00 PM



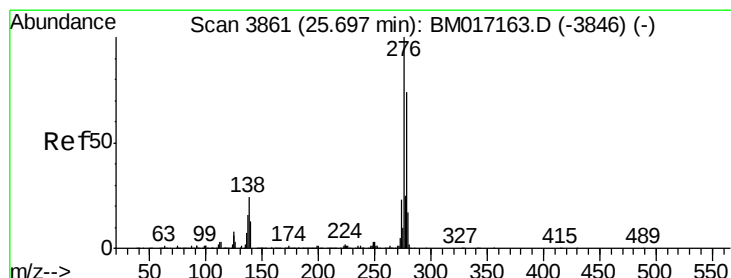
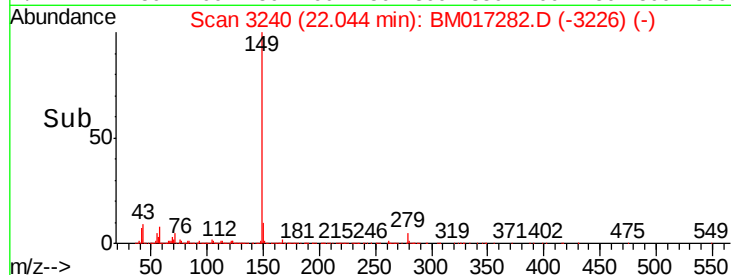
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

22.04

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.509 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

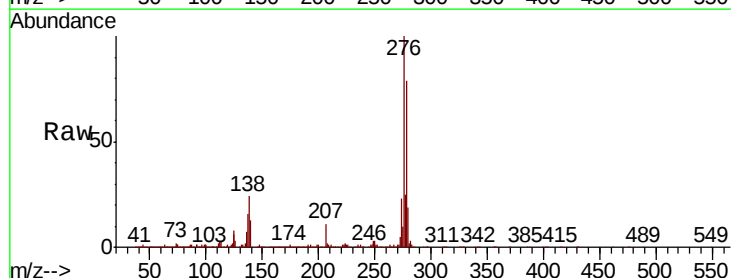
Tgt Ion:276 Resp: 4645153

Ion Ratio Lower Upper

276 100

138 23.3 19.5 29.3

277 25.0 20.1 30.1



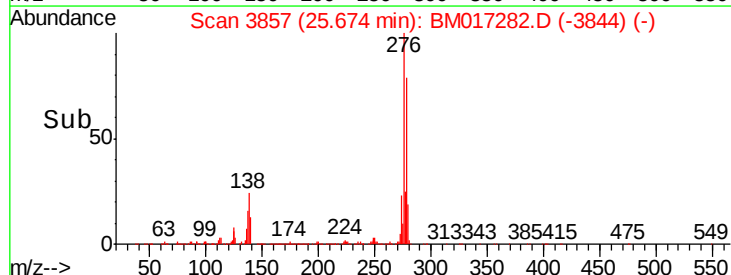
Abundance Ion 276.00 (275.70 to 276.70): E

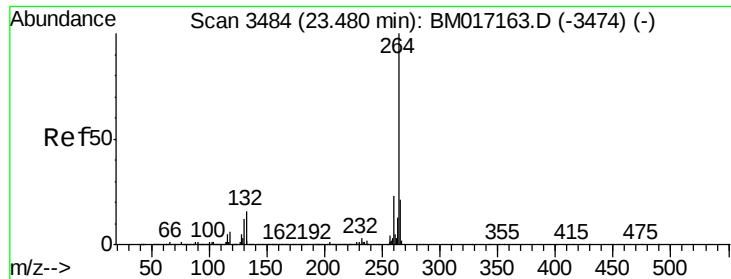
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.67

Time-->





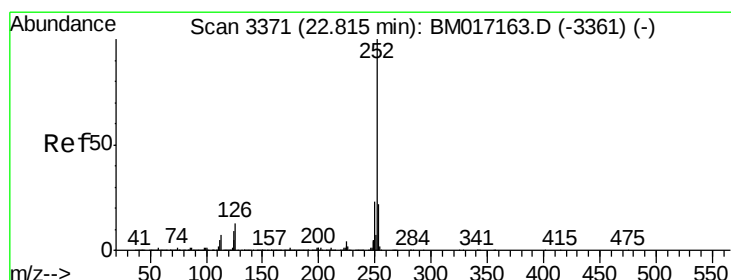
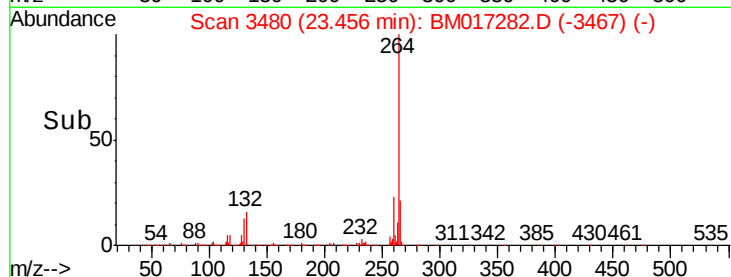
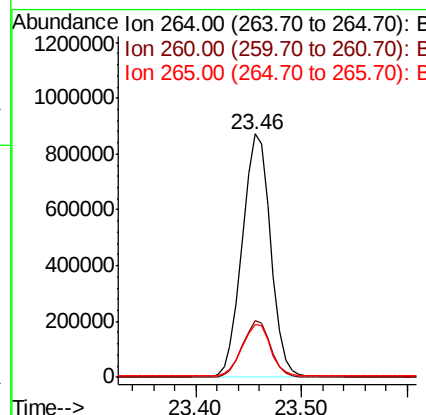
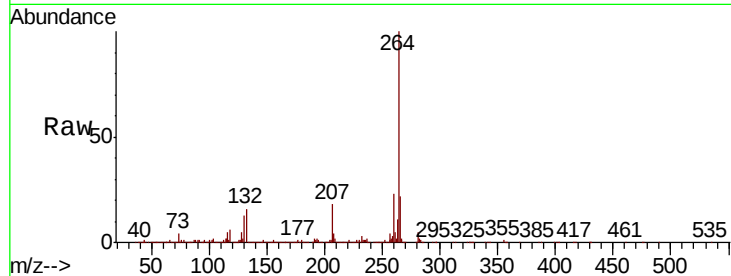
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.7	17.8	26.8

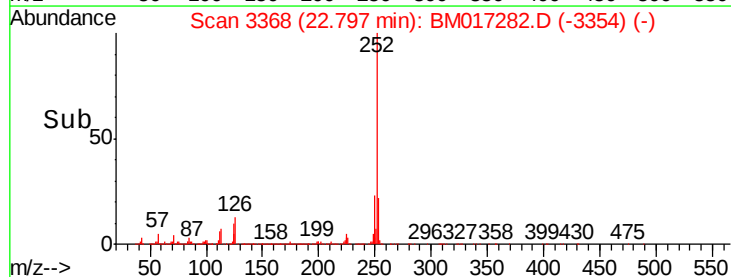
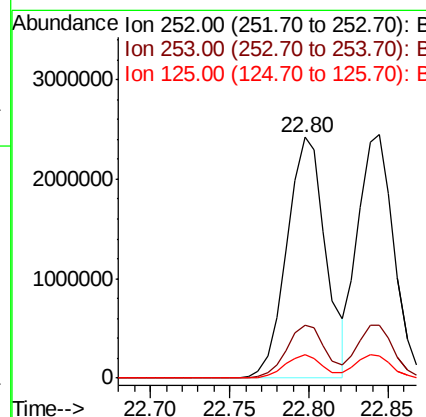
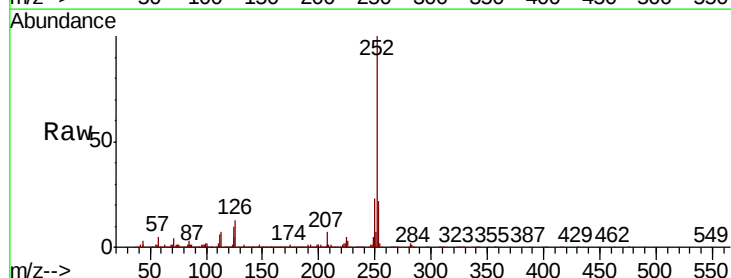
Manual Integrations
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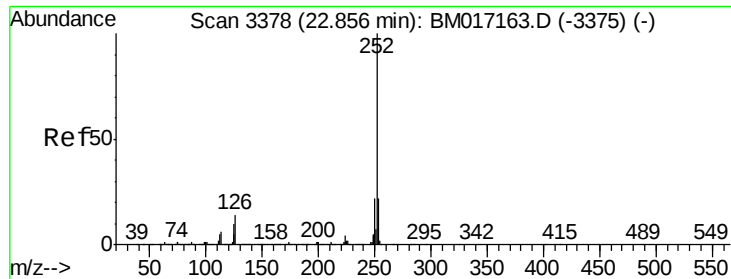
Sohil
10/23/2018 2:21:00 PM



#88
Benzo(b)fluoranthene
Concen: 46.380 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.6	7.5	11.3





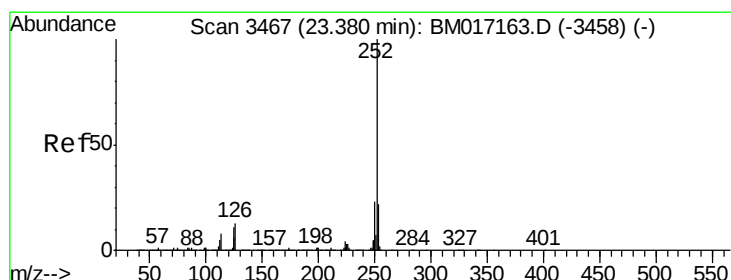
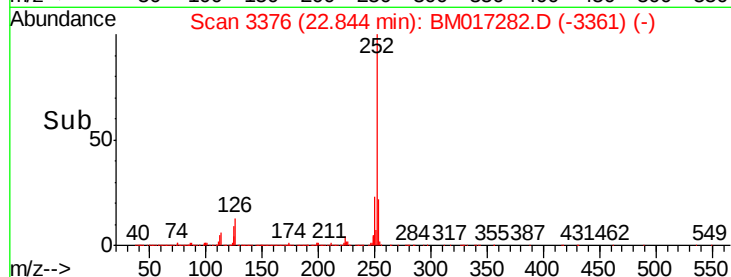
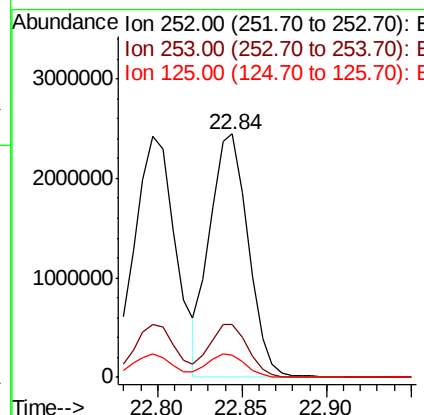
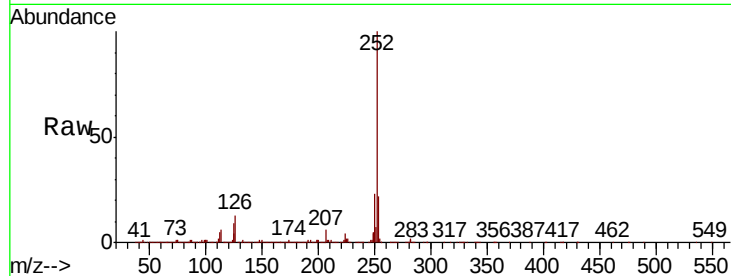
#89
Benzo(k)fluoranthene
Concen: 43.109 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.7	17.5	26.3	
125	9.3	8.2	12.2	

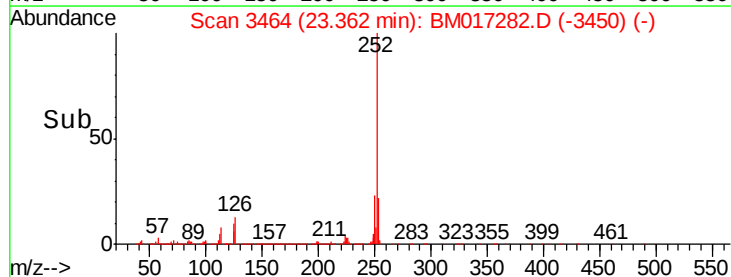
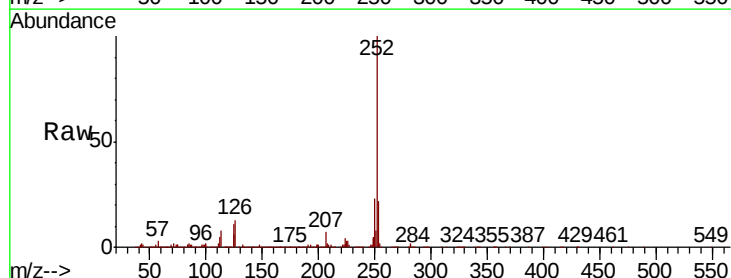
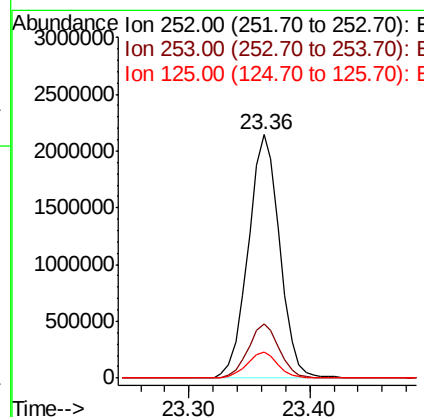
Manual Integrations
APPROVED

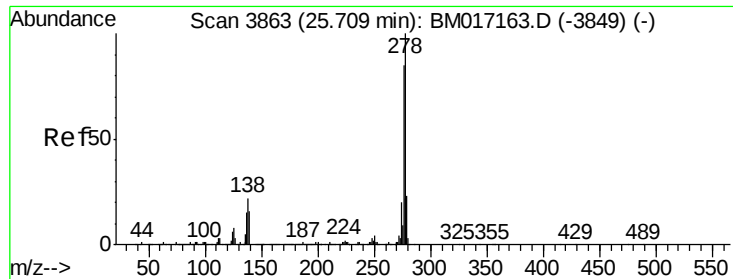
Sohil
10/23/2018 2:21:00 PM



#90
Benzo(a)pyrene
Concen: 45.890 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.0	17.4	26.0	
125	10.5	8.6	13.0	





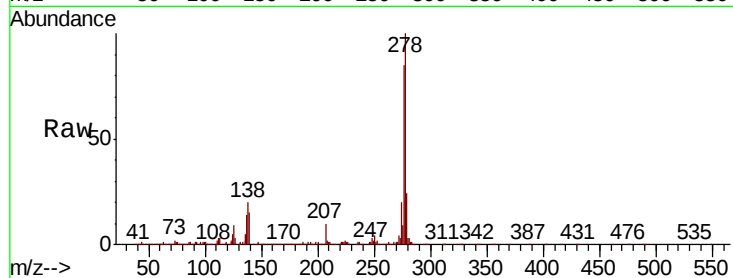
#91
Dibenzo(a,h)anthracene
Concen: 46.277 ng
RT: 25.69 min Scan# 3859
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.7	19.1
279	23.8	18.7	28.1

Manual Integrations
APPROVED

Sohil
10/23/2018 2:21:00 PM

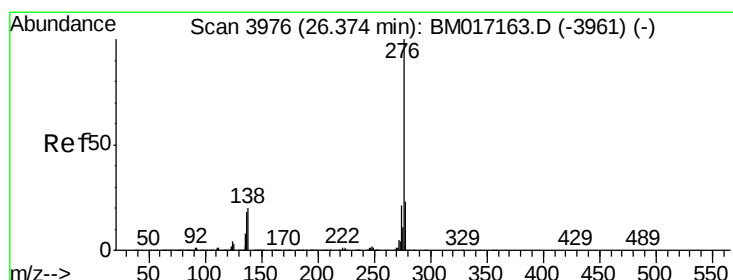
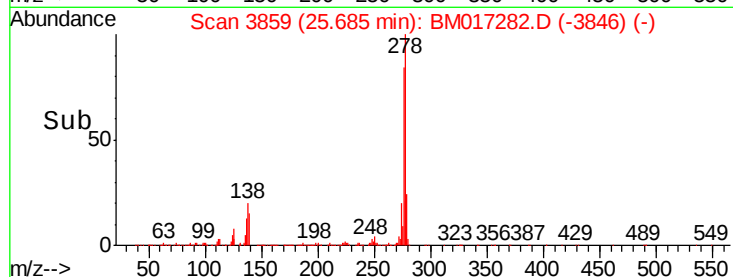
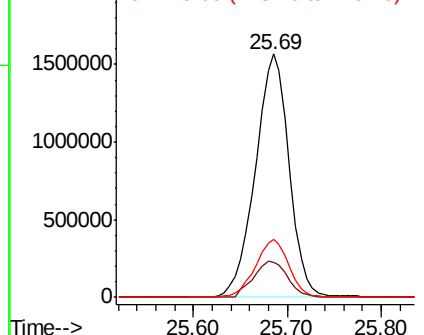


Abundance

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: 47.828 ng
RT: 26.35 min Scan# 3972
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	20.0	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

