

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017167.D
 Acq On : 17 Oct 2018 14:25
 Operator : MJ/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM101718

Manual Integrations
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Sohil
 10/18/2018 1:58:32 PM

Quant Time: Oct 17 14:59:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	225097	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	956753	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	555606	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1268859	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1485624	20.00	ng	0.00
87) Perylene-d12	23.48	264	1513938	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1078581	81.04	ng	0.00
7) Phenol-d6	6.86	99	1449049	79.94	ng	0.00
23) Nitrobenzene-d5	8.83	82	1401061	85.65	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	620887	82.63	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3370595	80.72	ng	0.00
79) Terphenyl-d14	19.70	244	5376504	81.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	263439	38.764	ng	89
3) Pyridine	3.65	79	632241	40.432	ng	87
4) n-Nitrosodimethylamine	3.56	42	237464	37.828	ng	# 73
6) Aniline	7.02	93	909831	40.131	ng	97
8) 2-Chlorophenol	7.25	128	621183	40.345	ng	97
9) Benzaldehyde	6.83	77	452645	39.165	ng	96
10) Phenol	6.88	94	769792	39.461	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	612858	39.410	ng	100
12) 1,3-Dichlorobenzene	7.56	146	705235	39.292	ng	98
13) 1,4-Dichlorobenzene	7.71	146	720045	39.266	ng	98
14) 1,2-Dichlorobenzene	8.02	146	700332	39.639	ng	99
15) Benzyl Alcohol	7.92	79	549736	41.492	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	802558	36.940	ng	99
17) 2-Methylphenol	8.12	107	501600	40.060	ng	99
18) Hexachloroethane	8.74	117	248058	39.528	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	487166	40.818	ng	97
20) 3+4-Methylphenols	8.45	107	702727	41.033	ng	98
22) Acetophenone	8.50	105	968325	39.927	ng	99
24) Nitrobenzene	8.87	77	722652	41.762	ng	94
25) Isophorone	9.40	82	1140985	42.238	ng	99
26) 2-Nitrophenol	9.57	139	327619	41.351	ng	98
27) 2,4-Dimethylphenol	9.64	122	502025	42.029	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	777600	40.898	ng	100
29) 2,4-Dichlorophenol	10.10	162	593848	42.820	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	675006	40.573	ng	97
31) Naphthalene	10.50	128	1879310	40.082	ng	99
32) Benzoic acid	9.77	122	392559m	44.047	ng	
33) 4-Chloroaniline	10.62	127	842062	41.584	ng	98
34) Hexachlorobutadiene	10.79	225	418040	39.657	ng	100
35) Caprolactam	11.41	113	212053	41.956	ng	95
36) 4-Chloro-3-methylphenol	11.75	107	662412	42.373	ng	98
37) 2-Methylnaphthalene	12.12	142	1318449	41.093	ng	99
38) 1-Methylnaphthalene	12.34	142	1281290	41.031	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	785077	40.123	ng	99

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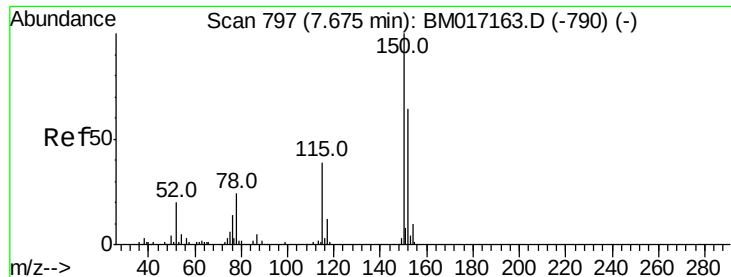
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	411949	43.550	nq	99
43) 2,4,6-Trichlorophenol	12.74	196	489635	43.108	nq	99
44) 2,4,5-Trichlorophenol	12.81	196	521835	42.844	nq	97
46) 1,1'-Biphenyl	13.15	154	2005553	40.112	nq	99
47) 2-Chloronaphthalene	13.19	162	1489087	40.484	nq	99
48) 2-Nitroaniline	13.40	65	411330	40.580	nq	97
49) Acenaphthylene	14.04	152	2240529	42.023	nq	99
50) Dimethylphthalate	13.79	163	1782399	41.581	nq	100
51) 2,6-Dinitrotoluene	13.90	165	395594	41.931	nq	96
52) Acenaphthene	14.38	154	1345633	40.197	nq	98
53) 3-Nitroaniline	14.23	138	429335	42.018	nq	94
54) 2,4-Dinitrophenol	14.44	184	208977	42.101	nq	97
55) Dibenzofuran	14.72	168	2225621	39.979	nq	100
56) 4-Nitrophenol	14.55	139	357790	40.872	nq	97
57) 2,4-Dinitrotoluene	14.69	165	543112	42.831	nq	97
58) Fluorene	15.37	166	1671408	40.563	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	473752	42.671	nq	98
60) Diethylphthalate	15.16	149	1811120	42.604	nq	99
61) 4-Chlorophenyl-phenylether	15.37	204	952063	40.529	nq	97
62) 4-Nitroaniline	15.40	138	458715	40.997	nq	97
63) Azobenzene	15.66	77	1717192	41.559	nq	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	333432	41.954	nq	96
66) n-Nitrosodiphenylamine	15.59	169	1616226	42.101	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	598526	42.960	nq	94
68) Hexachlorobenzene	16.37	284	656467	40.564	nq	99
69) Atrazine	16.54	200	588759	42.851	nq	98
70) Pentachlorophenol	16.72	266	471536	42.533	nq	100
71) Phenanthrene	17.11	178	2768443	40.439	nq	100
72) Anthracene	17.20	178	2739783	42.119	nq	99
73) Carbazole	17.47	167	2812536	42.327	nq	99
74) Di-n-butylphthalate	18.04	149	3030006	43.235	nq	100
75) Fluoranthene	19.13	202	3279711	42.575	nq	99
77) Benzidine	19.33	184	1799339	47.766	nq	98
78) Pyrene	19.49	202	3456255	41.625	nq	100
80) Butylbenzylphthalate	20.41	149	1284681	41.757	nq	95
81) Benzo(a)anthracene	21.24	228	3406960	40.752	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	1327314	42.598	nq	100
83) Chrysene	21.30	228	3310192	40.003	nq	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1978951	41.717	nq	99
85) Di-n-octyl phthalate	22.06	149	3284242	41.018	nq	100
86) Indeno(1,2,3-cd)pyrene	25.70	276	3748062	40.496	nq	99
88) Benzo(b)fluoranthene	22.82	252	3367750	40.687	nq	100
89) Benzo(k)fluoranthene	22.86	252	3367420	40.544	nq	99
90) Benzo(a)pyrene	23.39	252	3209905	40.844	nq	99
91) Dibenzo(a,h)anthracene	25.71	278	3170096	40.623	nq	100
92) Benzo(g,h,i)perylene	26.38	276	3110713	40.219	nq	98

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



#1

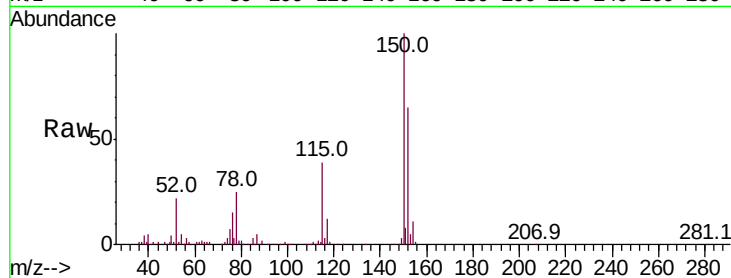
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.3	186.5
115	59.7	48.1	72.1

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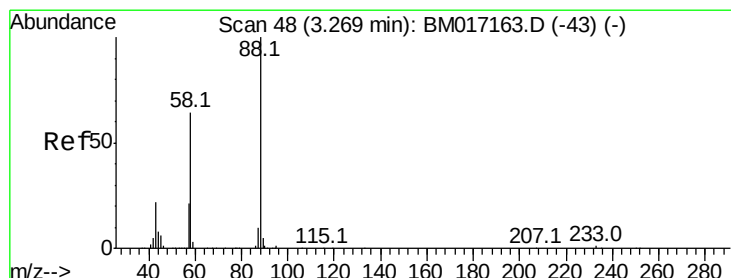
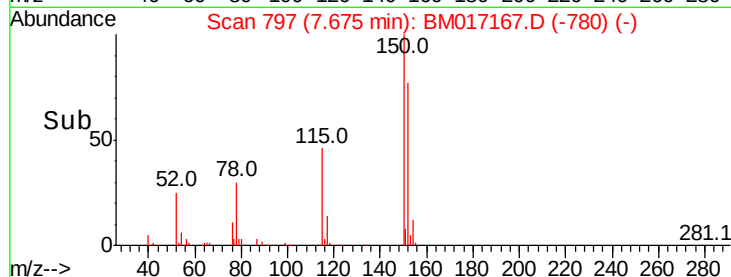
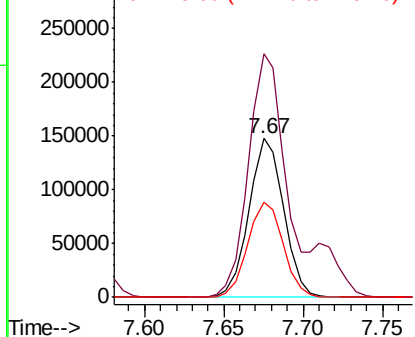


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

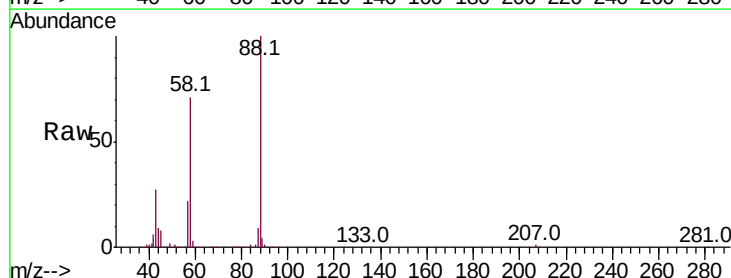
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.764 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	50.2	75.4
43	28.2	19.3	28.9

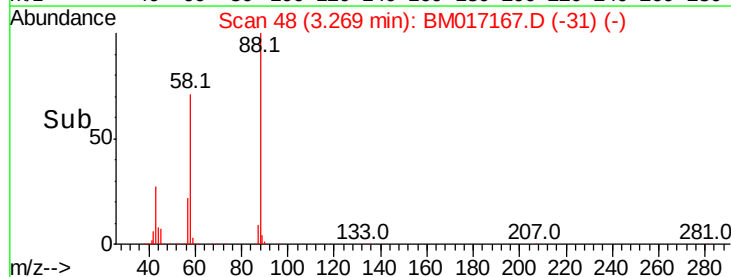
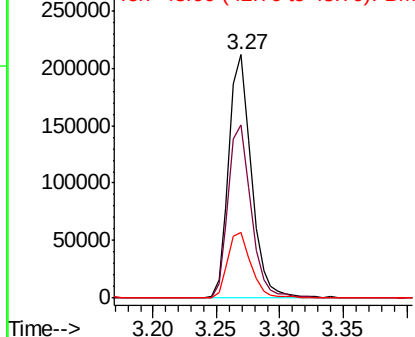


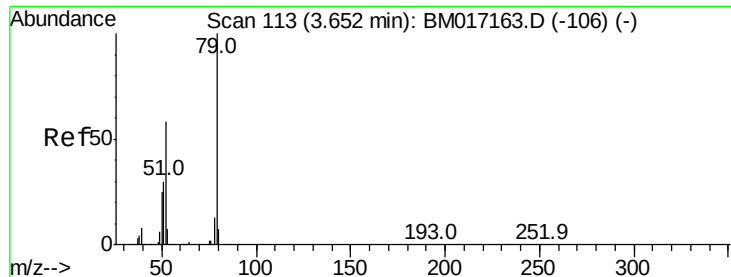
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 40.432 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

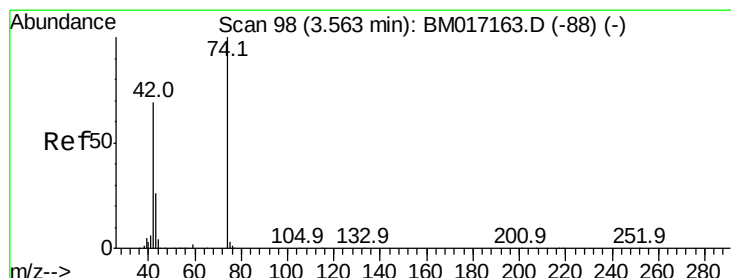
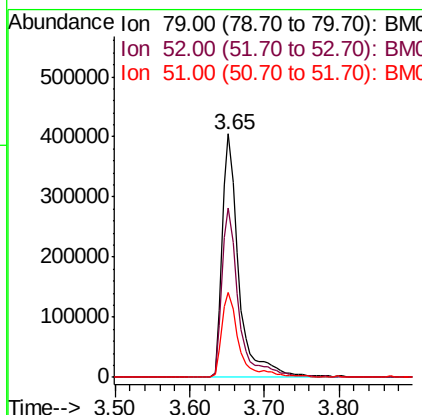
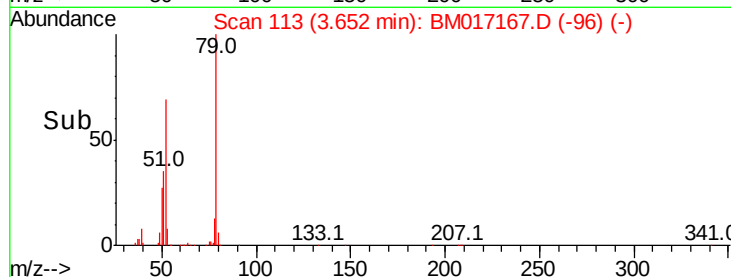
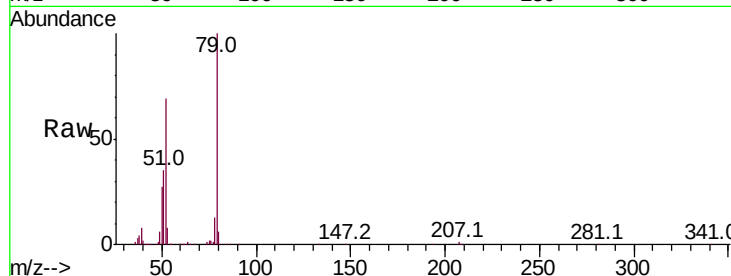
ClientSampleId :

ICVBM101718

Tot Ion:	79	Resp:	632241
Ion Ratio	Lower	Upper	
79	100		
52	69.3	46.5	69.7
51	35.1	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 37.828 ng

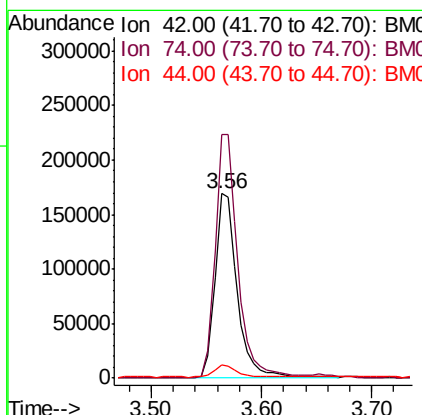
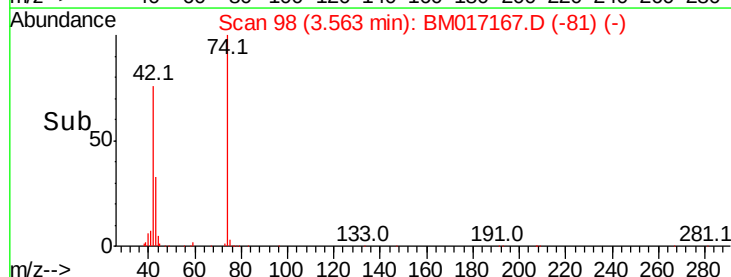
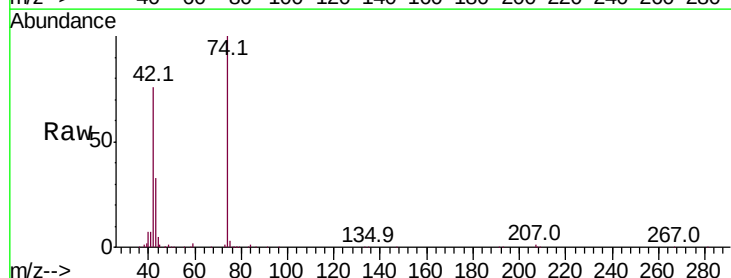
RT: 3.56 min Scan# 98

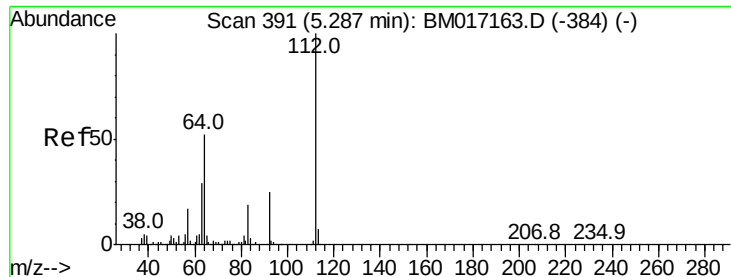
Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:	42	Resp:	237464
Ion Ratio	Lower	Upper	
42	100		
74	132.0	114.4	171.6
44	7.1	48.6	73.0#





#5

2-Fluorophenol

Concen: 81.042 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

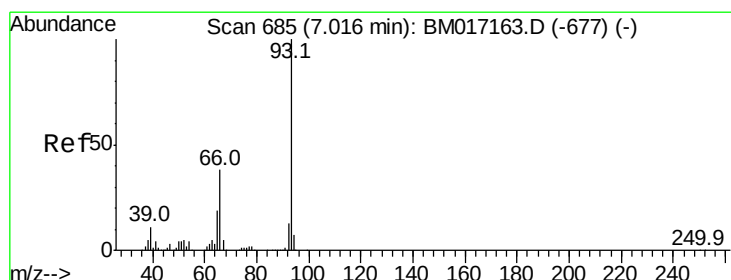
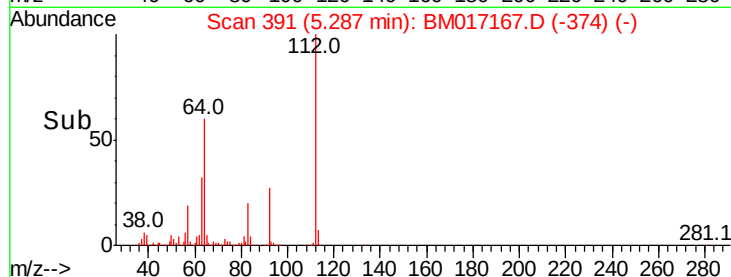
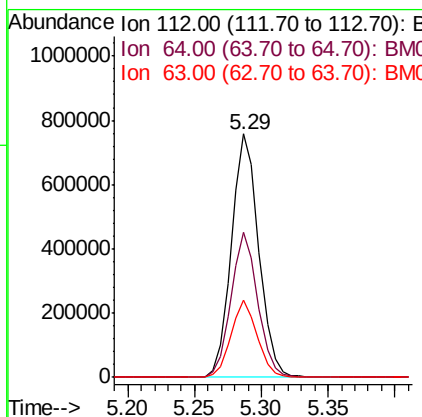
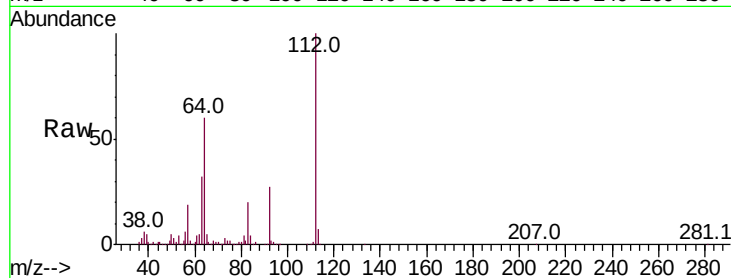
ClientSampleId :

ICVBM101718

Tot Ion:	112	Resp:	1078581
Ion	Ratio	Lower	Upper
112	100		
64	59.6	41.7	62.5
63	31.6	23.0	34.4

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#6

Aniline

Concen: 40.131 ng

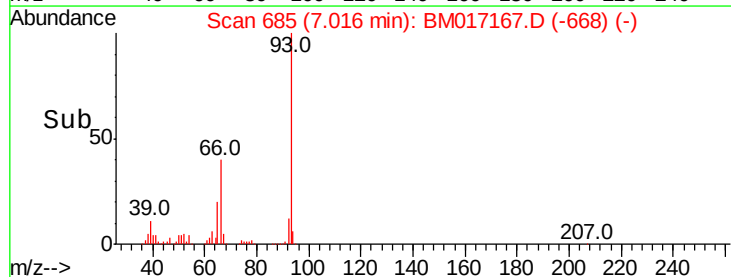
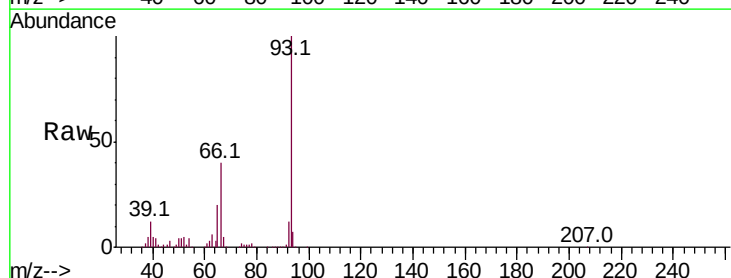
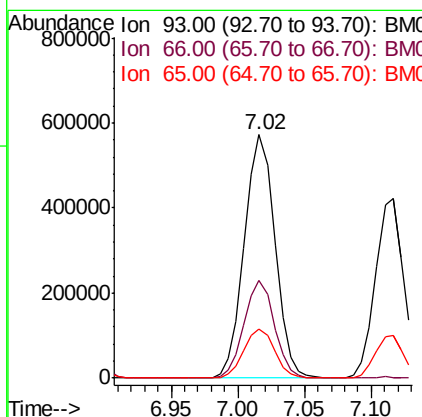
RT: 7.02 min Scan# 685

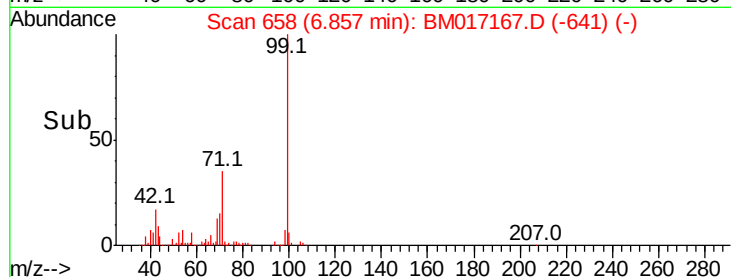
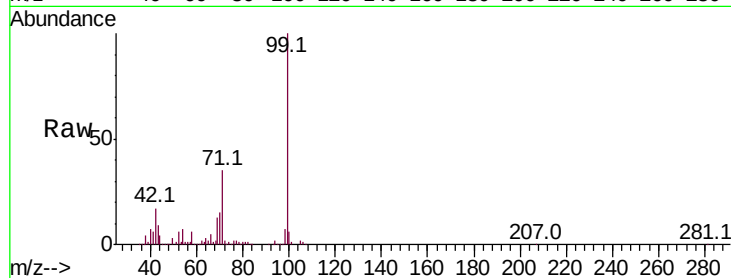
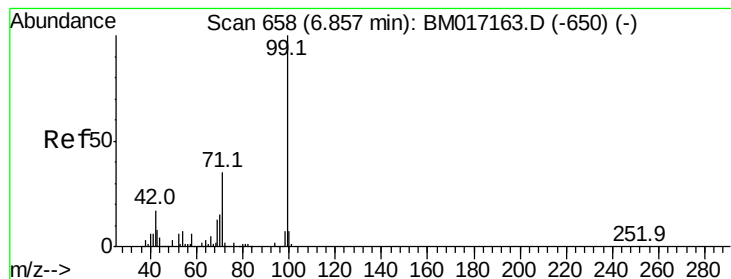
Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:	93	Resp:	909831
Ion	Ratio	Lower	Upper
93	100		
66	40.4	30.4	45.6
65	20.0	15.3	22.9





#7

Phenol-d6

Concen: 79.944 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tot Ion: 99 Resp: 1449049

Ion Ratio Lower Upper

99 100

42 17.4 13.3 19.9

71 35.3 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

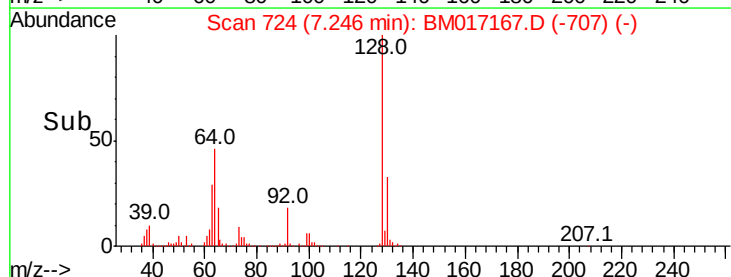
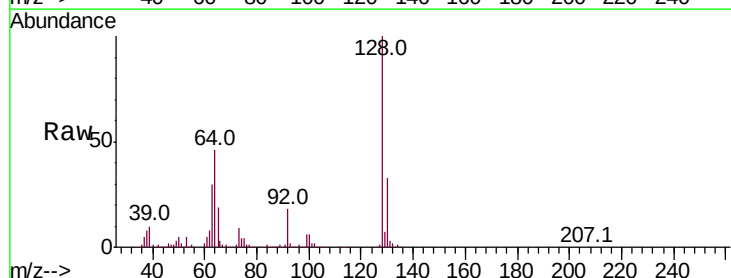
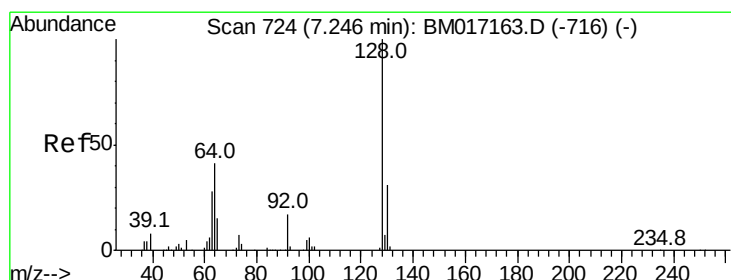
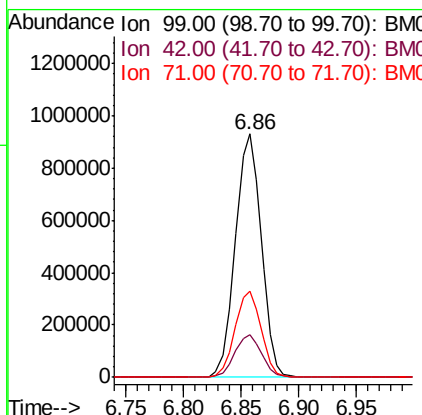
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#8

2-Chlorophenol

Concen: 40.345 ng

RT: 7.25 min Scan# 724

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

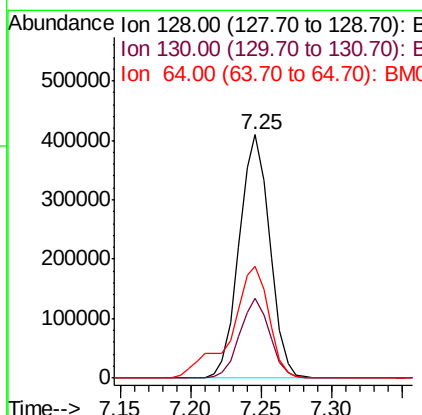
Tgt Ion:128 Resp: 621183

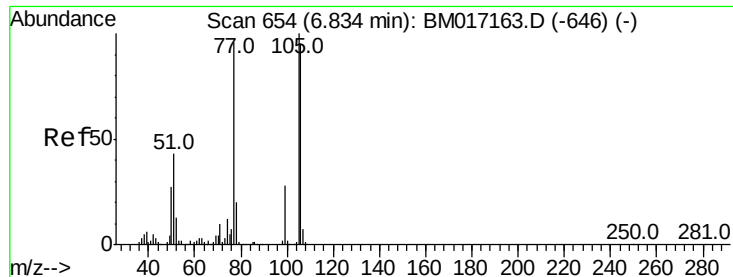
Ion Ratio Lower Upper

128 100

130 32.6 11.0 51.0

64 46.1 24.1 64.1





#9

Benzaldehyde

Concen: 39.165 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

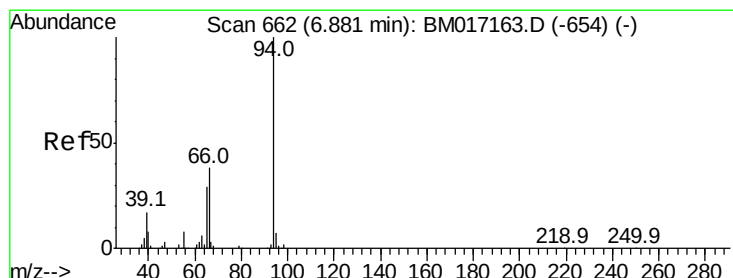
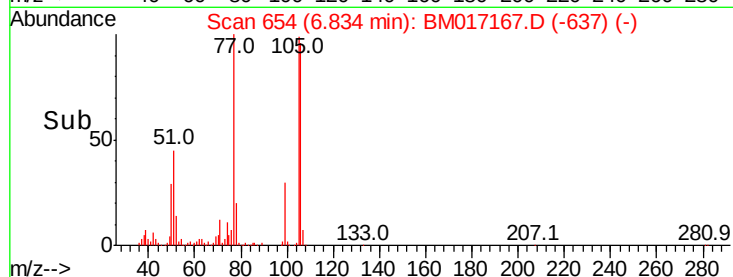
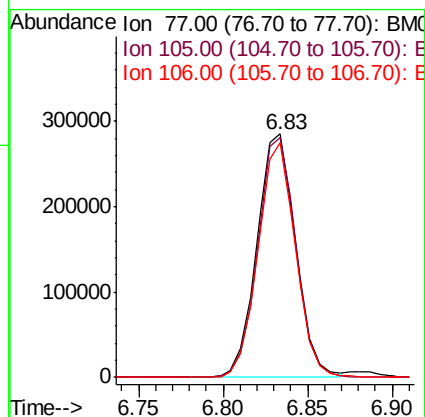
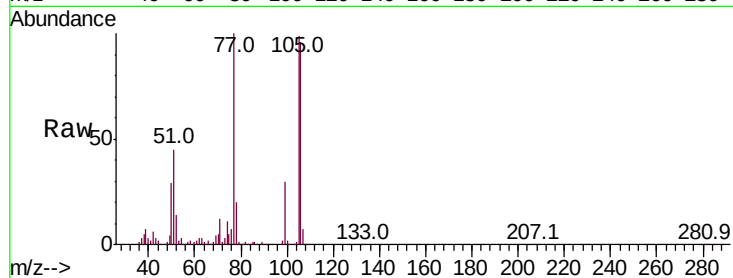
ClientSampleId :

ICVBM101718

Tot Ion:	77	Resp:	452645
Ion	Ratio	Lower	Upper
77	100		
105	98.6	83.9	123.9
106	96.3	78.2	118.2

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#10

Phenol

Concen: 39.461 ng

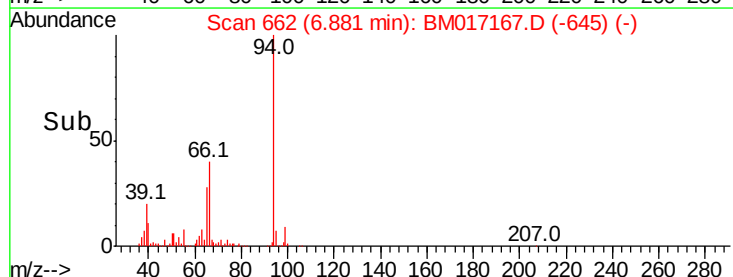
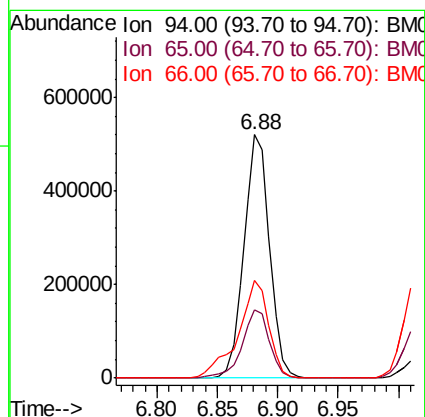
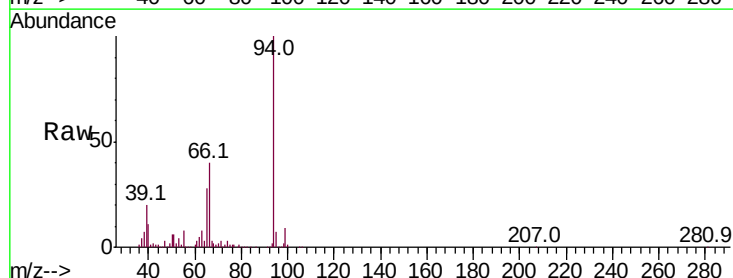
RT: 6.88 min Scan# 662

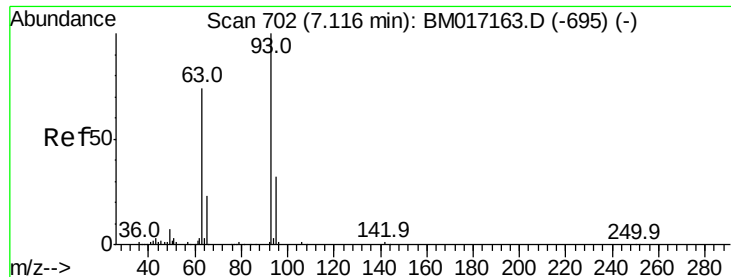
Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:	94	Resp:	769792
Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.4	49.4
66	40.0	19.0	59.0





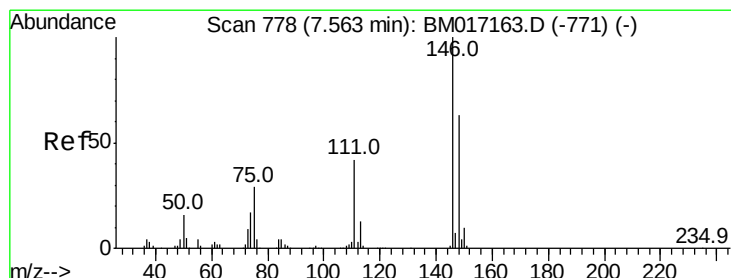
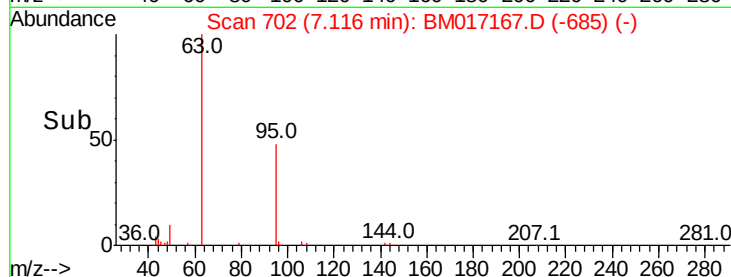
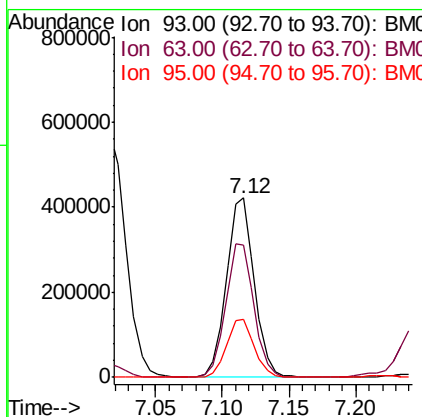
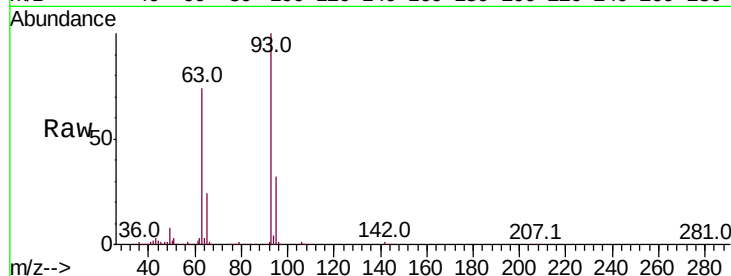
#11
bis(2-Chloroethyl)ether
Concen: 39.410 ng
RT: 7.12 min Scan# 702
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion:	93	Resp:	612858
Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.0	94.0
95	32.3	11.8	51.8

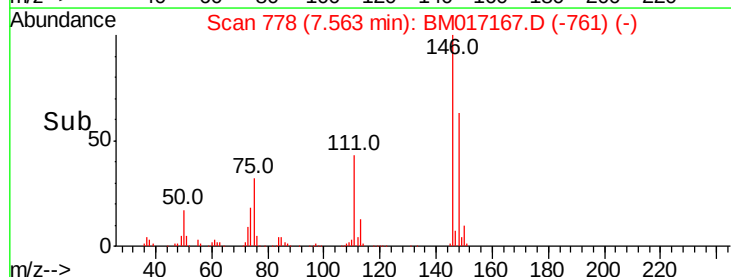
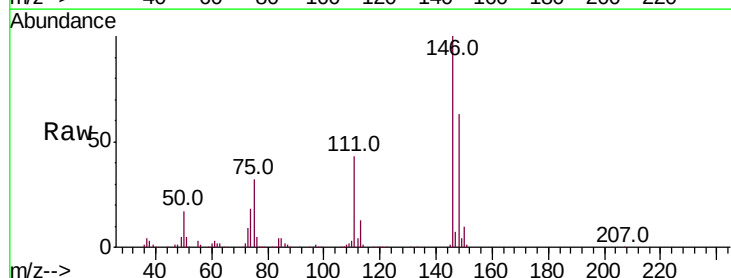
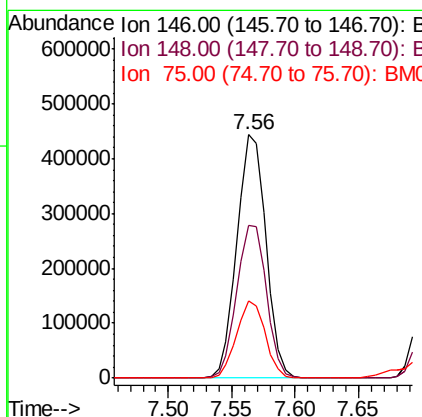
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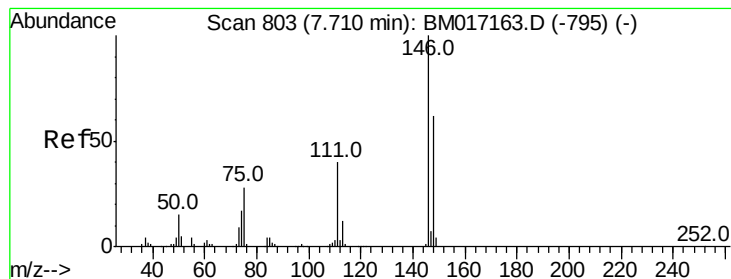
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.292 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion:	146	Resp:	705235
Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.4
75	31.6	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 39.266 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

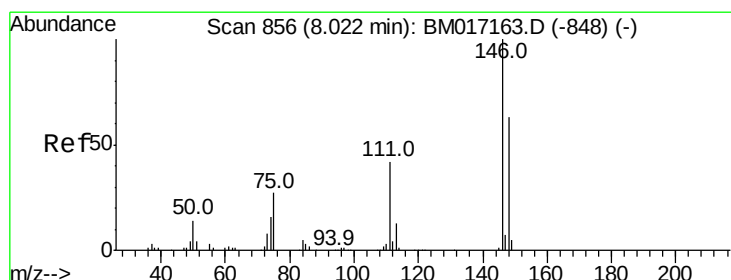
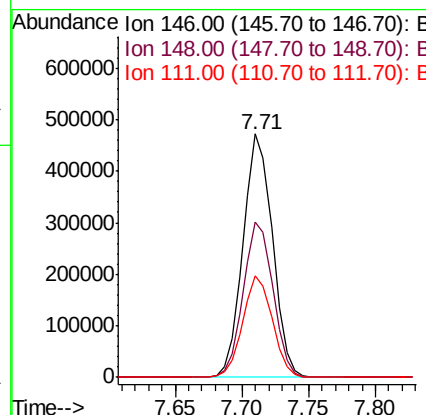
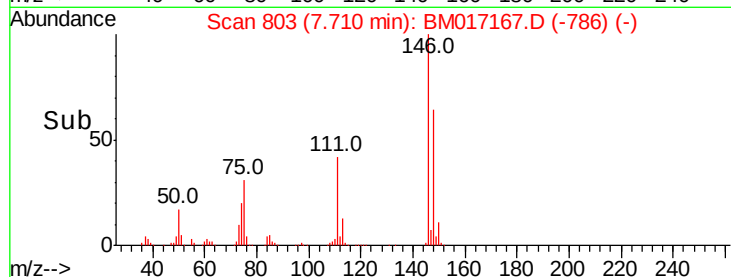
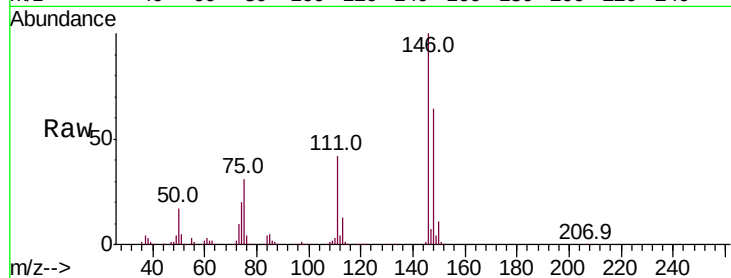
ClientSampleId :

ICVBM101718

Tot Ion:	146	Resp:	720045
Ion Ratio	Lower	Upper	
146	100		
148	63.6	49.8	74.6
111	41.6	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 39.639 ng

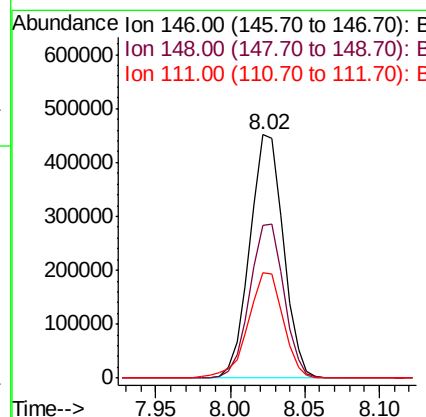
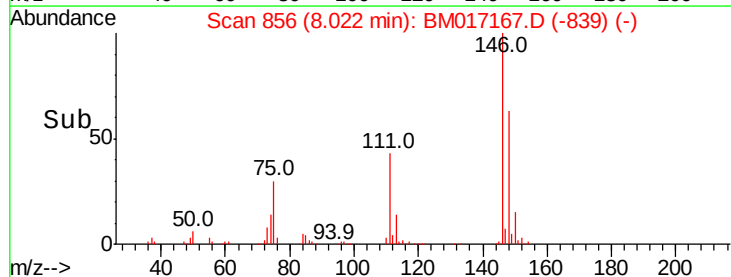
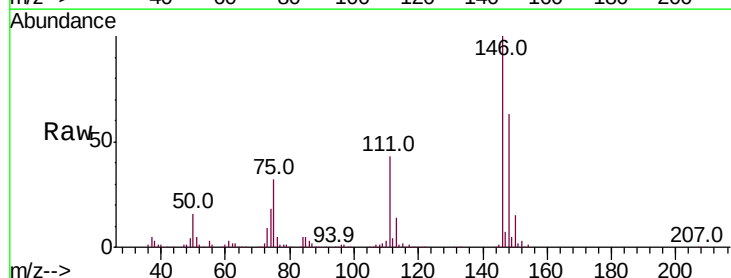
RT: 8.02 min Scan# 856

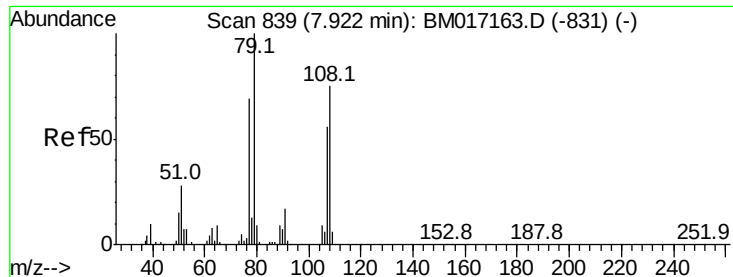
Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:	146	Resp:	700332
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.8	76.2
111	43.1	33.8	50.6





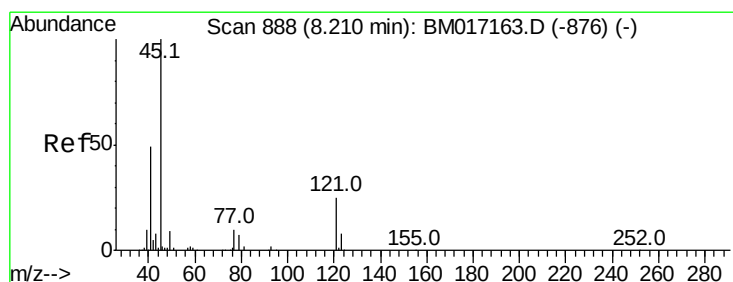
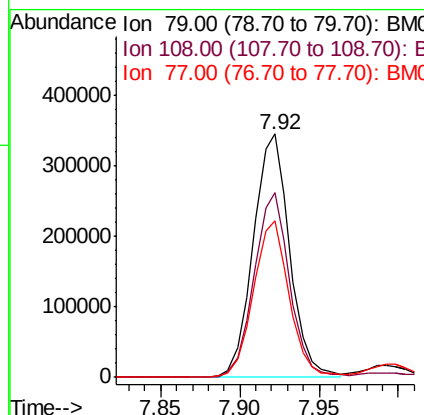
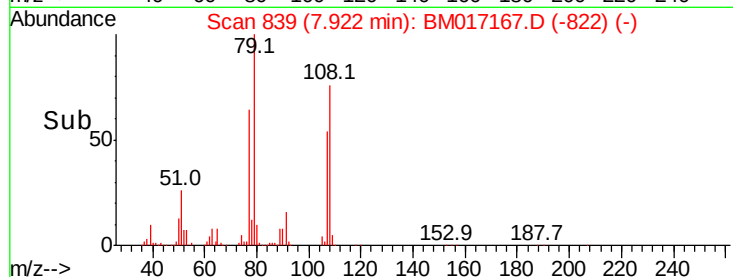
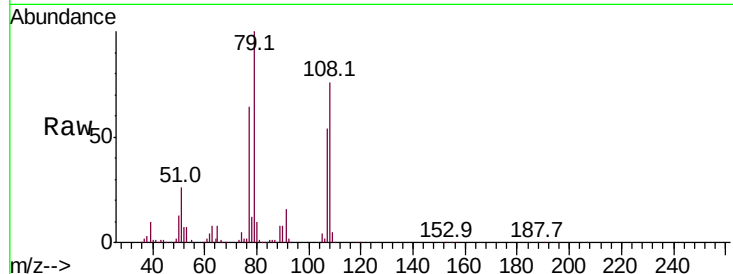
#15
Benzyl Alcohol
Concen: 41.492 ng
RT: 7.92 min Scan# 839
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.8	60.3	90.5
77	64.2	54.8	82.2

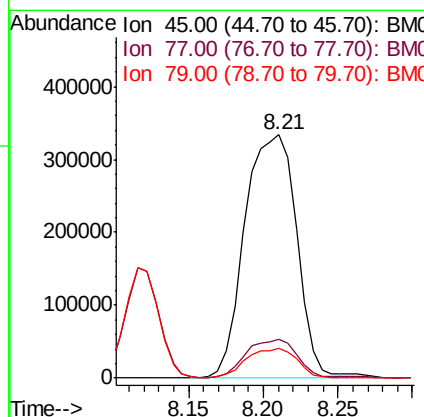
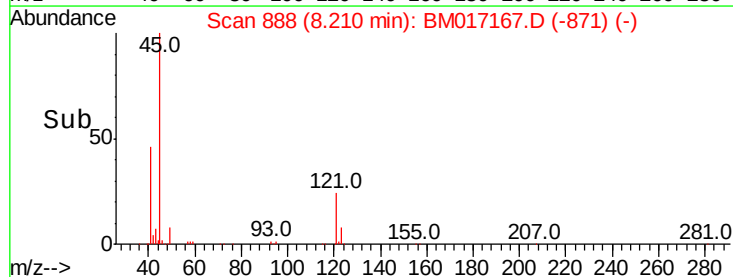
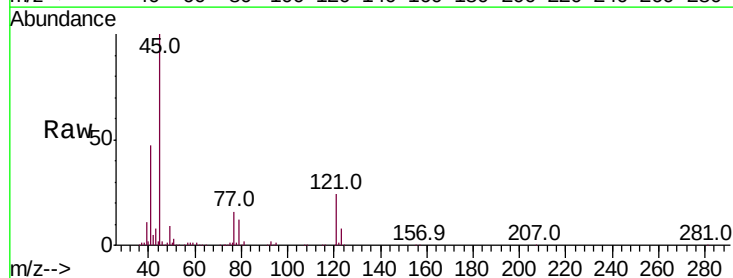
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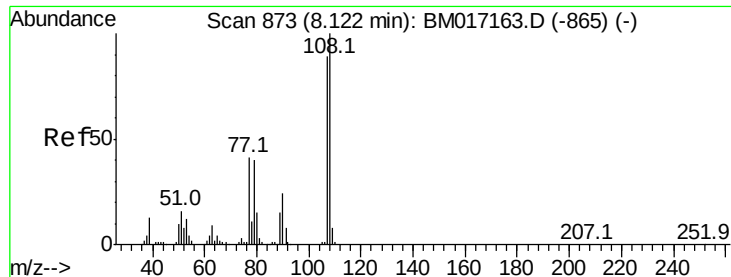
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.940 ng
RT: 8.21 min Scan# 888
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	35.5
79	12.3	0.0	32.1





#17

2-Methylphenol

Concen: 40.060 ng

RT: 8.12 min Scan# 873

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

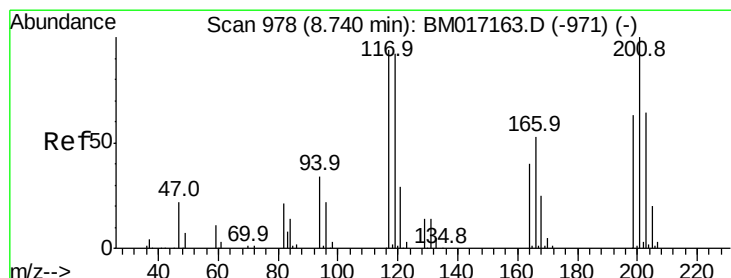
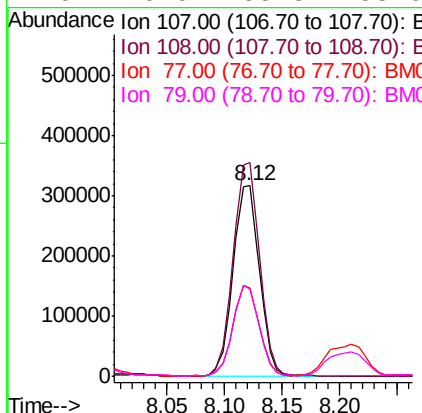
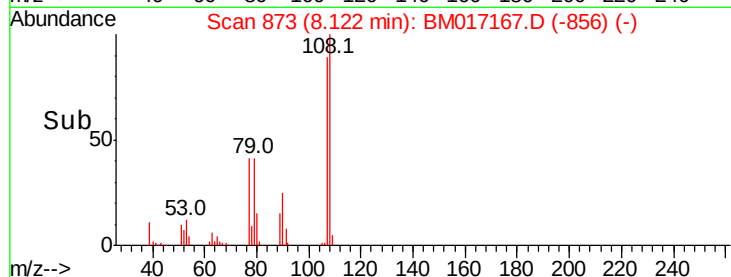
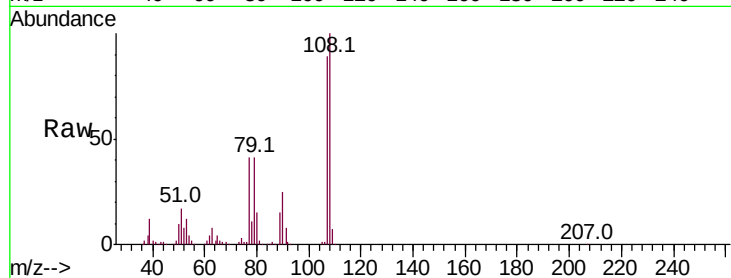
ClientSampleId :

ICVBM101718

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	90.3	135.5	
77	46.3	37.0	55.4	
79	46.0	35.8	53.6	

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#18

Hexachloroethane

Concen: 39.528 ng

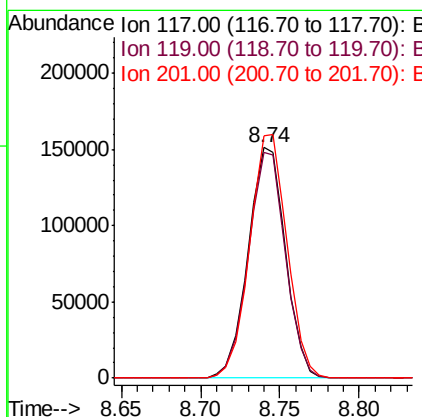
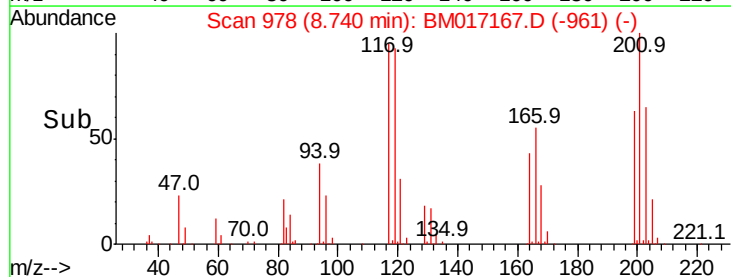
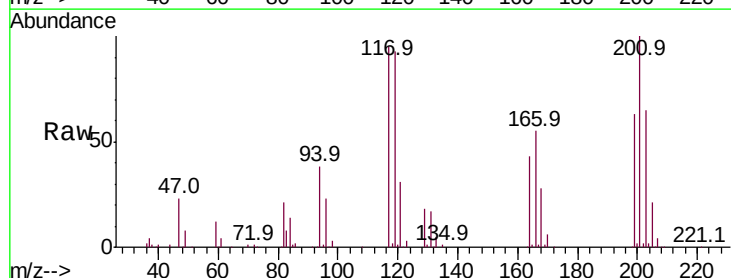
RT: 8.74 min Scan# 978

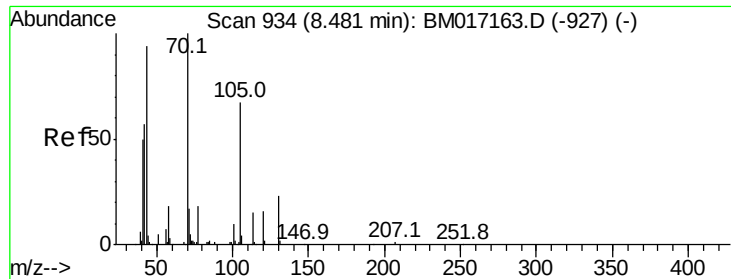
Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	78.2	117.2	
201	105.2	85.3	127.9	





#19

n-Nitroso-di-n-propylamine

Concen: 40.818 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.00 min

Lab File: BM017167.D

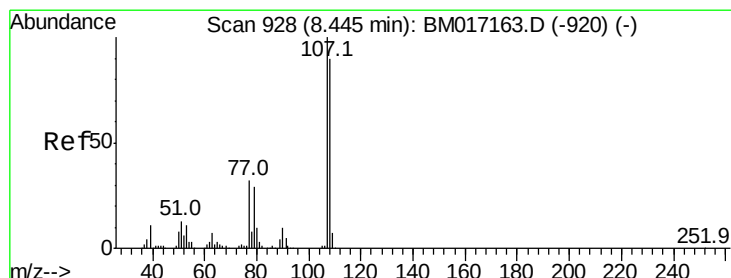
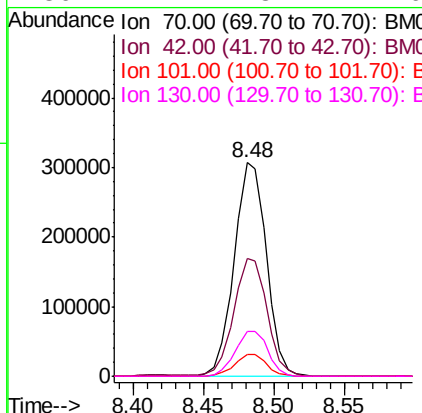
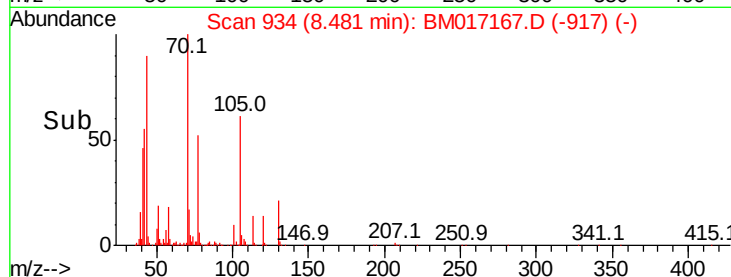
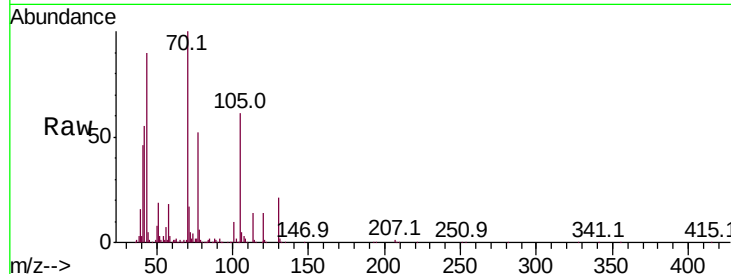
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.1	46.1	69.1		
101	10.4	8.2	12.4		
130	21.1	18.4	27.6		

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#20

3+4-Methylphenols

Concen: 41.033 ng

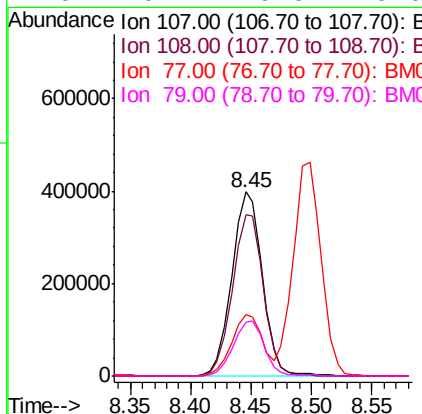
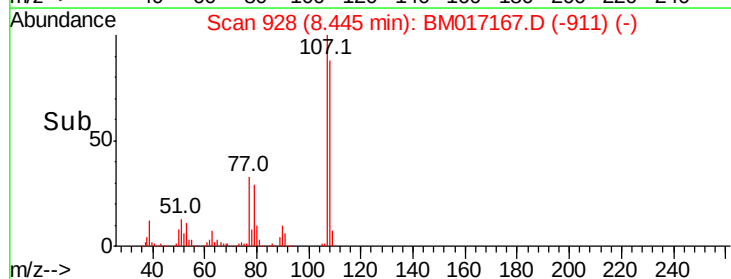
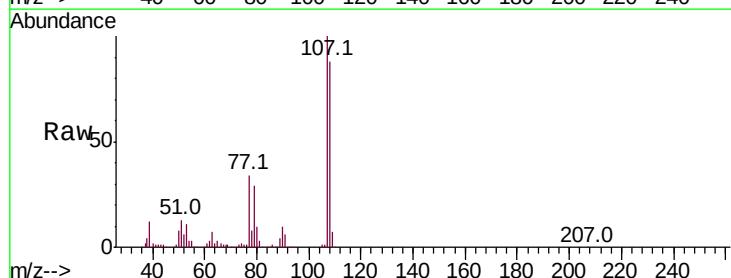
RT: 8.45 min Scan# 928

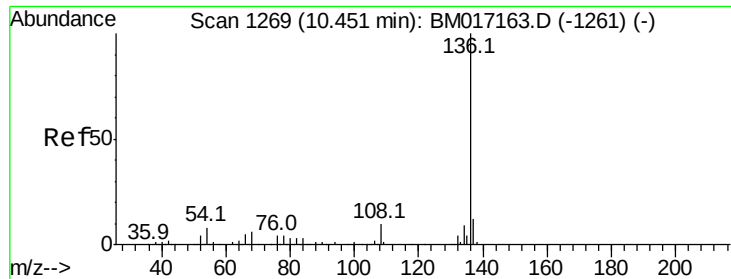
Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.6	69.9	109.9		
77	33.6	12.2	52.2		
79	29.2	9.0	49.0		





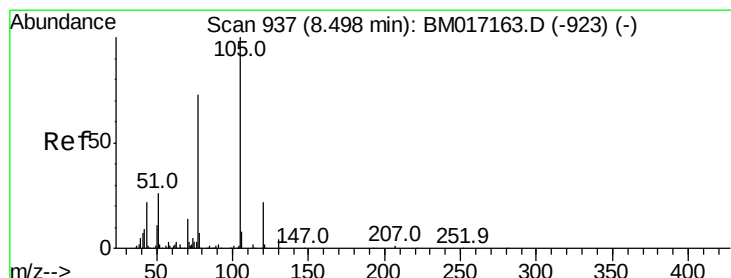
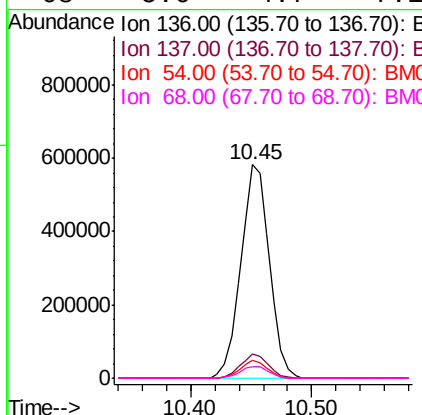
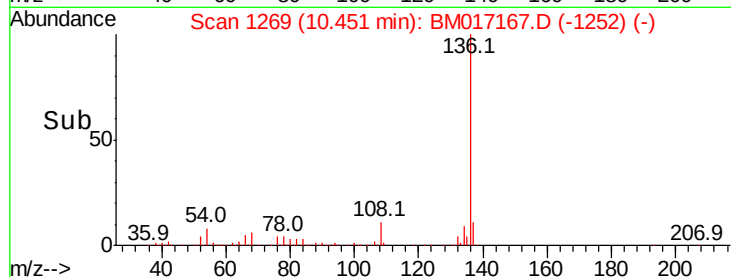
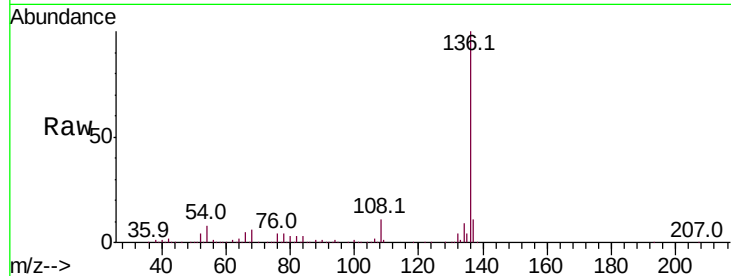
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	136	Resp	956753
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	8.5	6.7	10.1
68	5.6	4.7	7.1

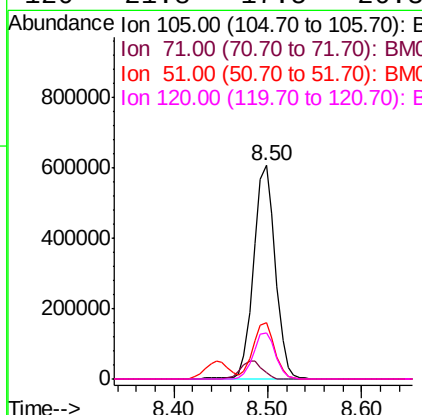
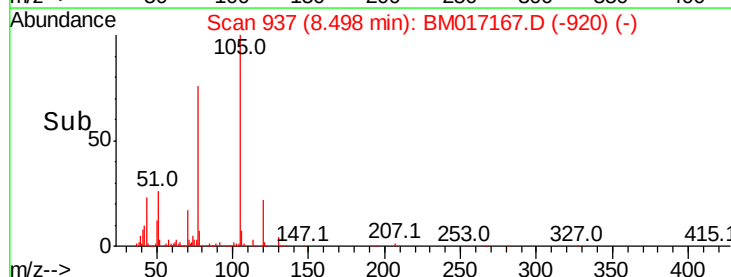
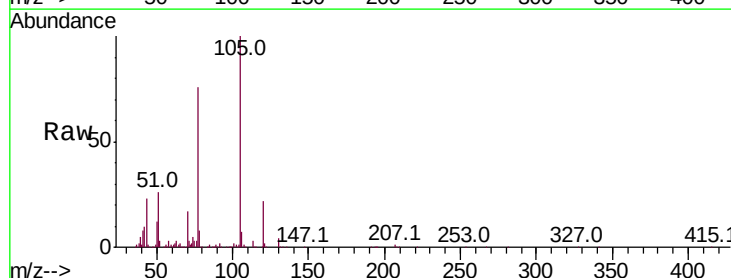
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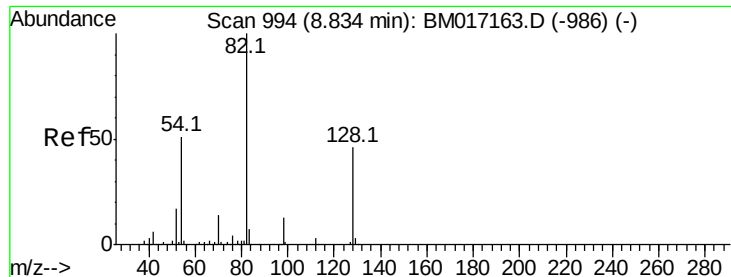
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#22
Acetophenone
Concen: 39.927 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	105	Resp	968325
Ion Ratio	Lower	Upper	
105	100		
71	2.8	2.0	3.0
51	26.4	20.6	31.0
120	21.8	17.5	26.3





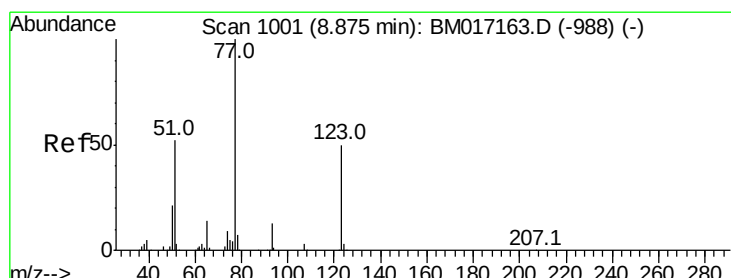
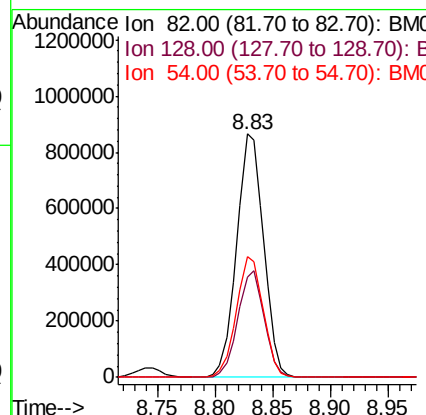
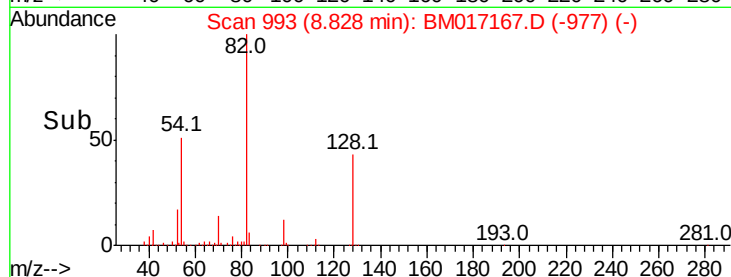
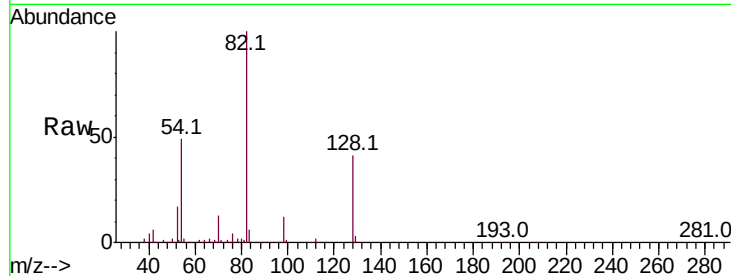
#23
Nitrobenzene-d5
Concen: 85.646 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	37.0	55.6
54	49.3	40.7	61.1

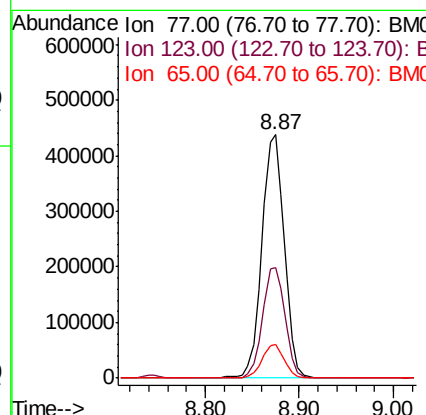
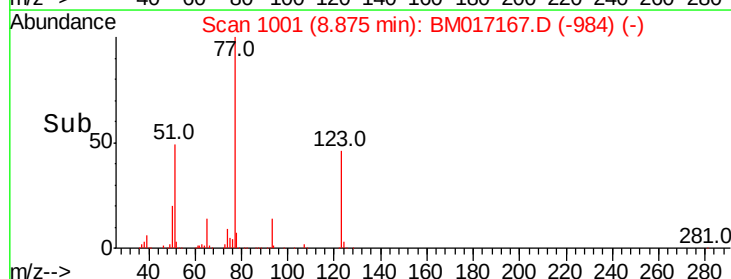
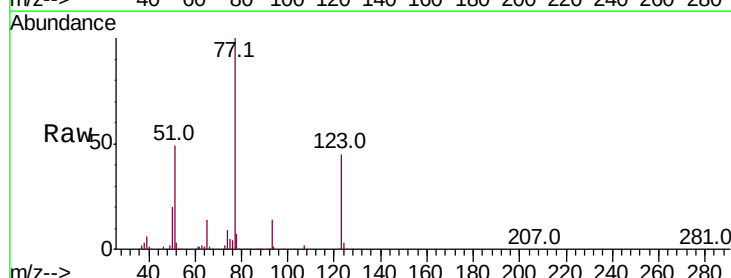
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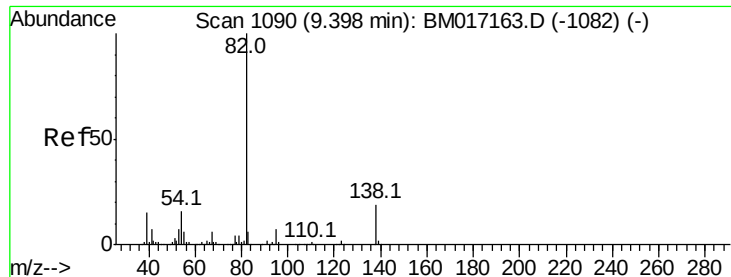
Sohil
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#24
Nitrobenzene
Concen: 41.762 ng
RT: 8.87 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	40.2	60.4
65	13.6	11.4	17.0





#25

Isophorone

Concen: 42.238 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

ICVBM101718

Tot Ion: 82 Resp: 1140985

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

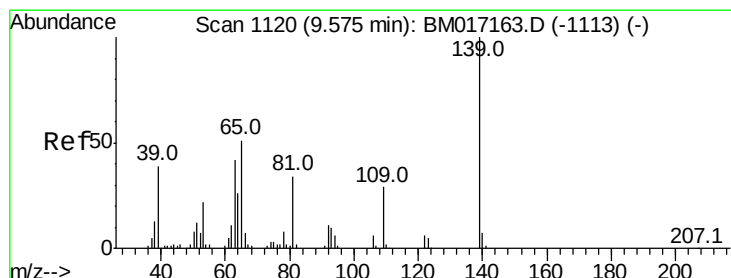
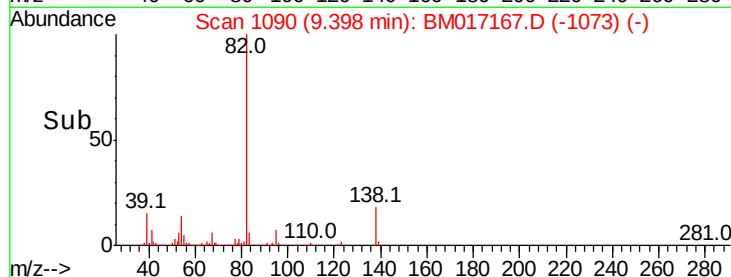
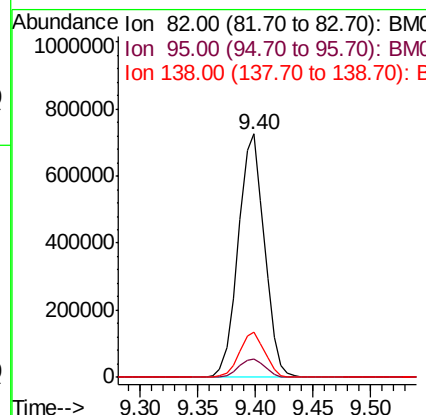
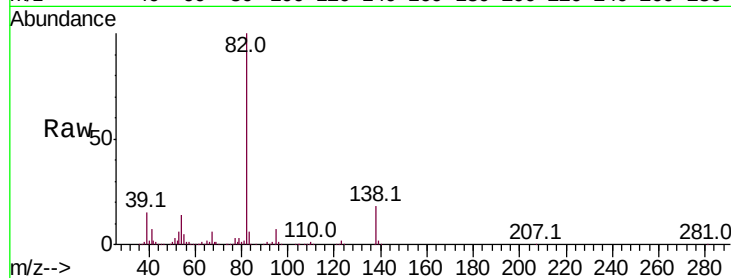
138 18.5 15.4 23.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.351 ng

RT: 9.57 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

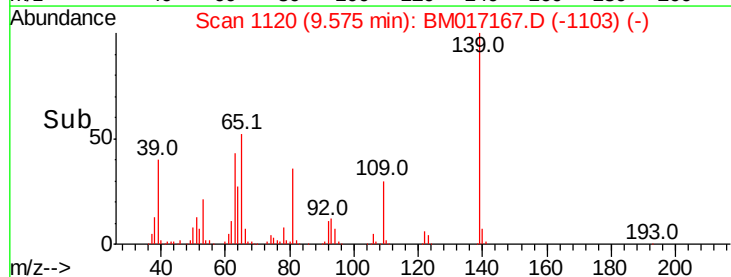
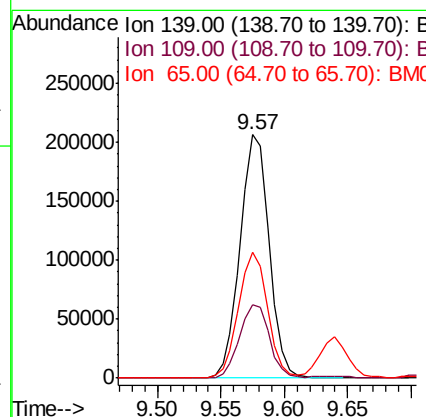
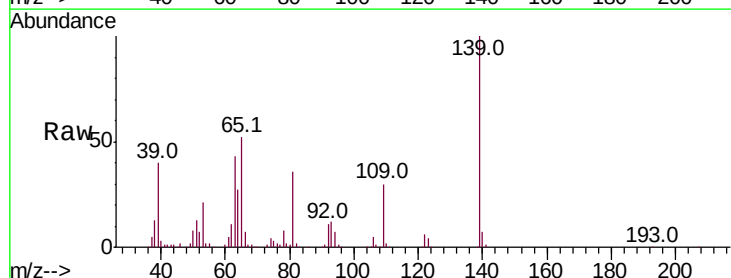
Tgt Ion: 139 Resp: 327619

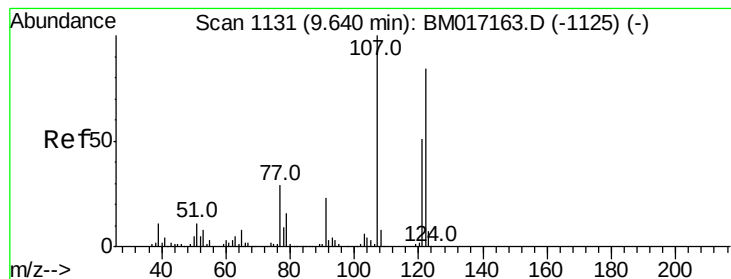
Ion Ratio Lower Upper

139 100

109 30.1 23.2 34.8

65 51.8 40.6 61.0





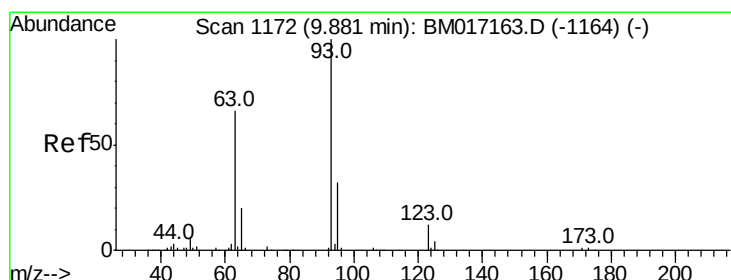
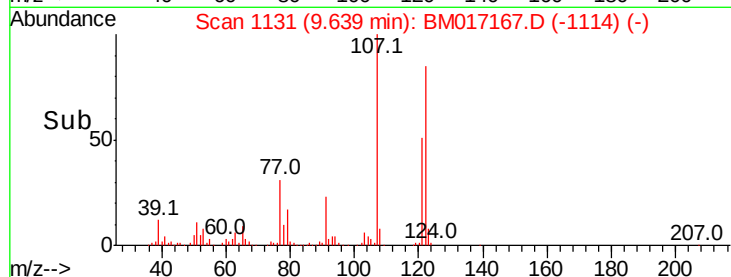
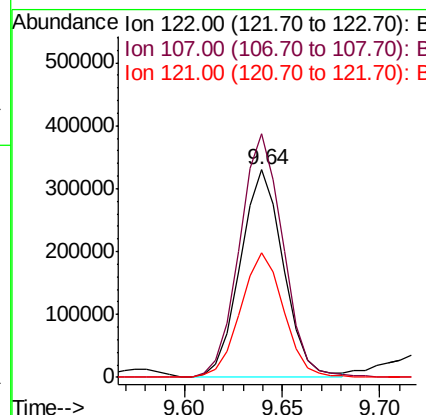
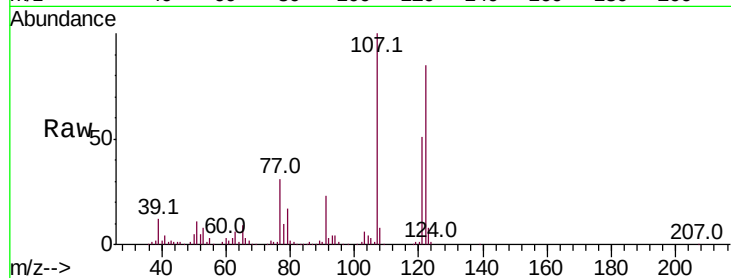
#27
2,4-Dimethylphenol
Concen: 42.029 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	117.2	95.0	142.6	
121	59.8	48.2	72.4	

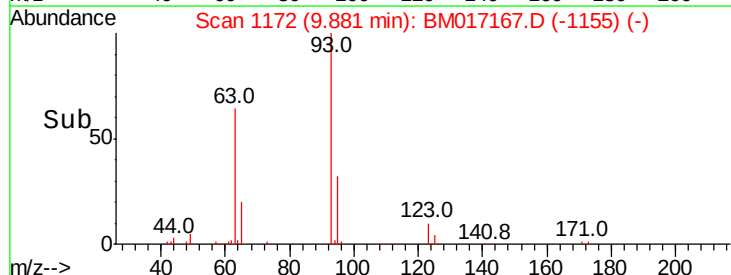
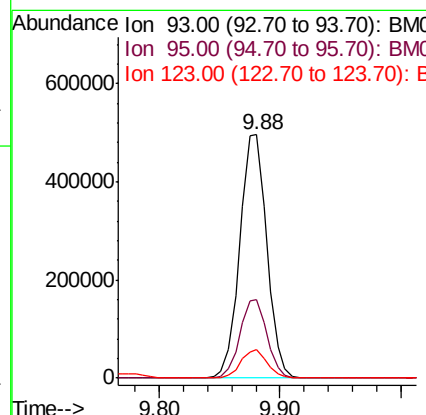
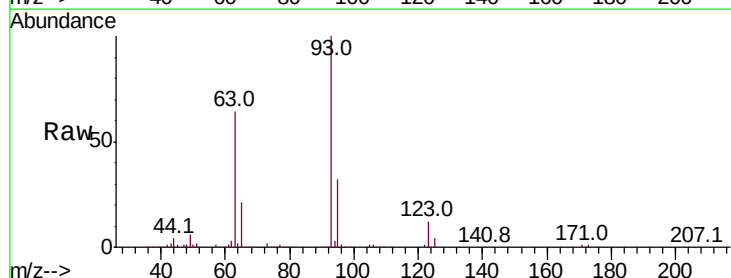
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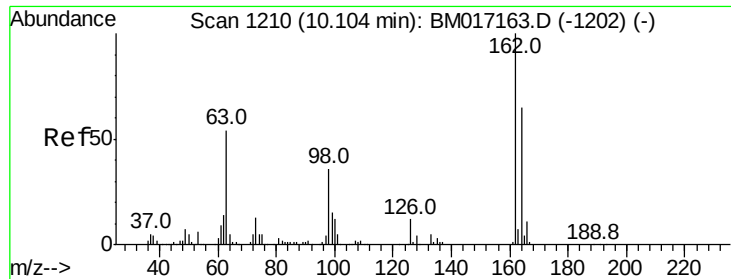
Sohil
10/18/2018 1:58:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.898 ng
RT: 9.88 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

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





#29

2,4-Dichlorophenol

Concen: 42.820 ng

RT: 10.10 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

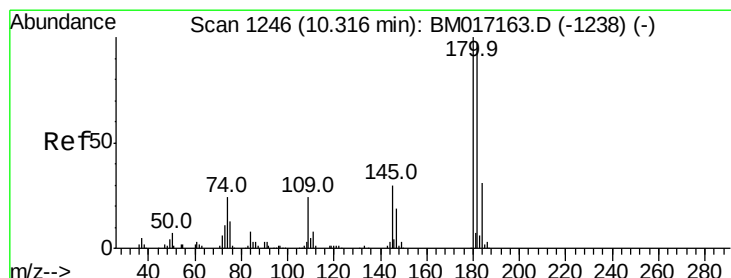
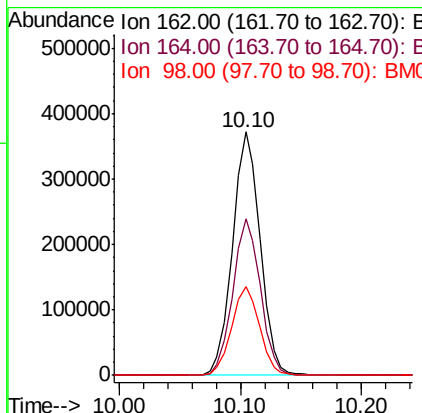
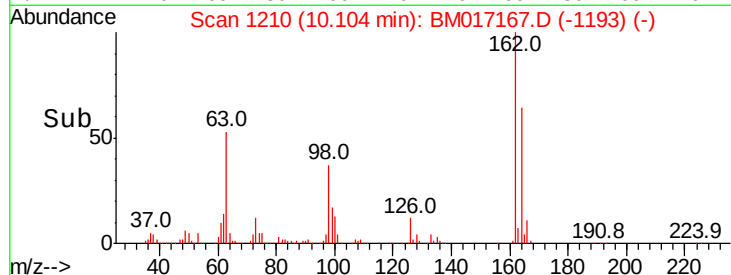
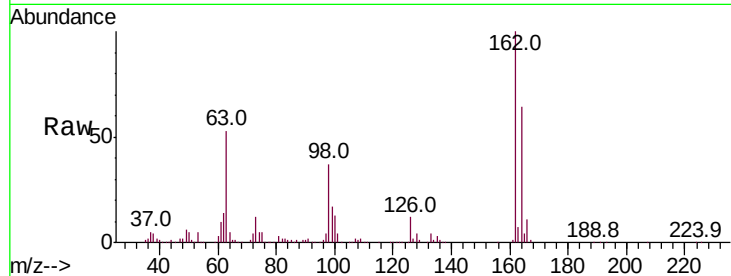
ClientSampleId :

ICVBM101718

Tot Ion:	162	Resp:	593848
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.9	84.9
98	36.7	15.8	55.8

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#30

1,2,4-Trichlorobenzene

Concen: 40.573 ng

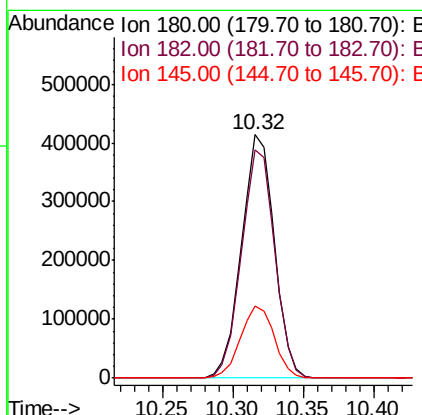
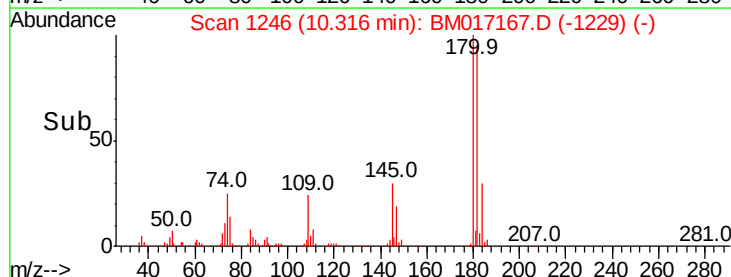
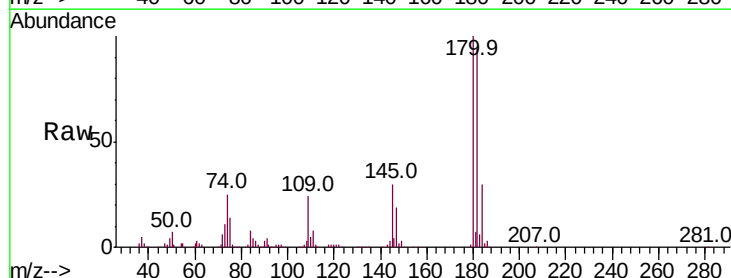
RT: 10.32 min Scan# 1246

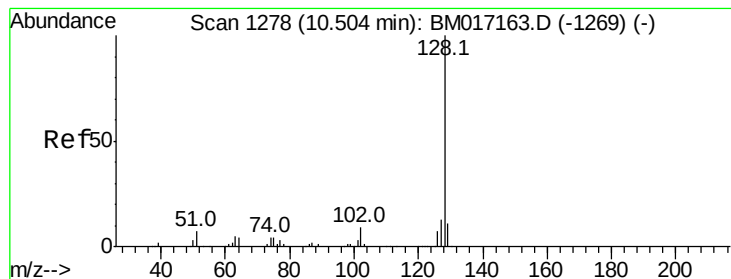
Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:	180	Resp:	675006
Ion Ratio	Lower	Upper	
180	100		
182	93.8	77.5	116.3
145	29.7	24.0	36.0





#31

Naphthalene

Concen: 40.082 ng

RT: 10.50 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

ICVBM101718

Tot Ion:128 Resp: 1879310

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

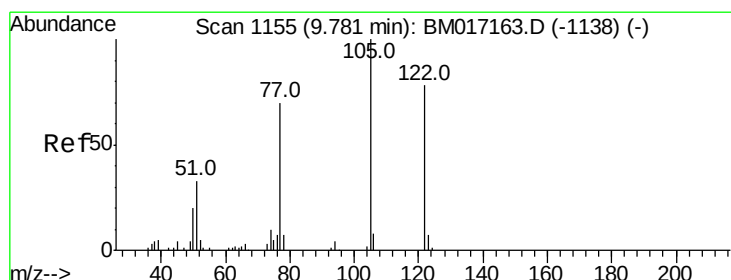
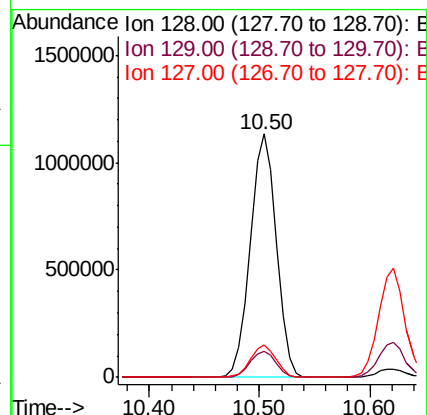
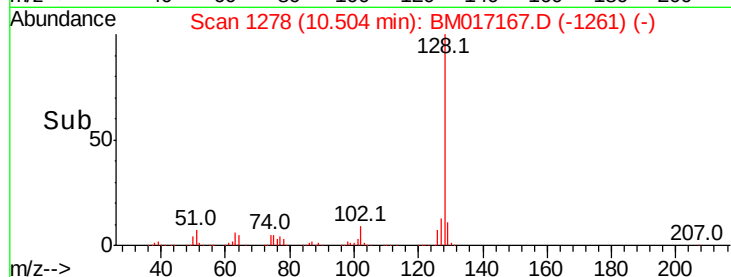
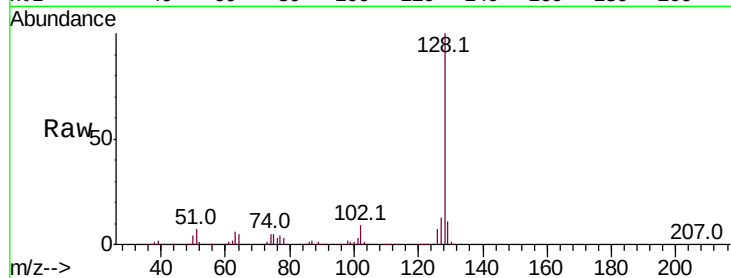
127 13.2 10.3 15.5

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#32

Benzoic acid

Concen: 44.047 ng m

RT: 9.77 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

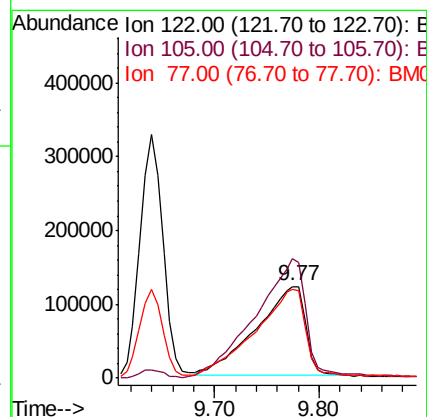
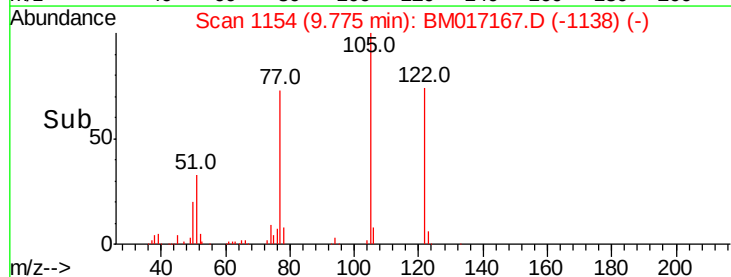
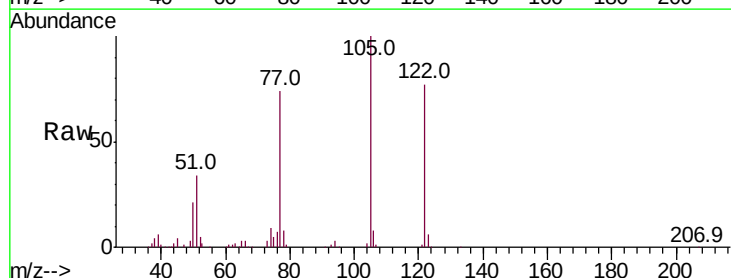
Tgt Ion:122 Resp: 392559

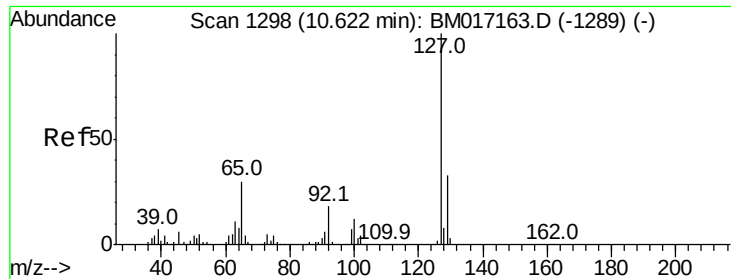
Ion Ratio Lower Upper

122 100

105 130.6 102.0 142.0

77 96.5 67.7 107.7





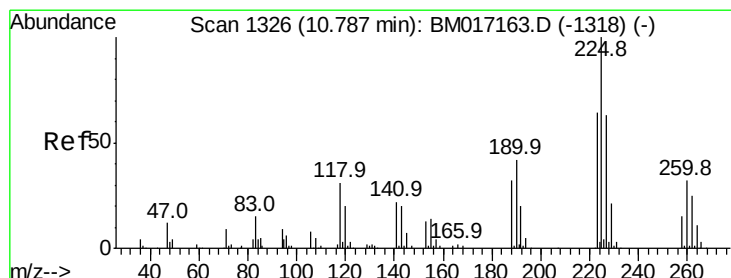
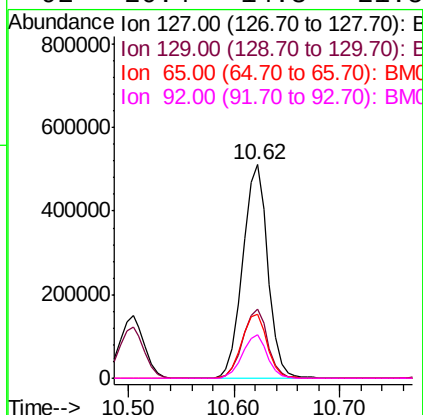
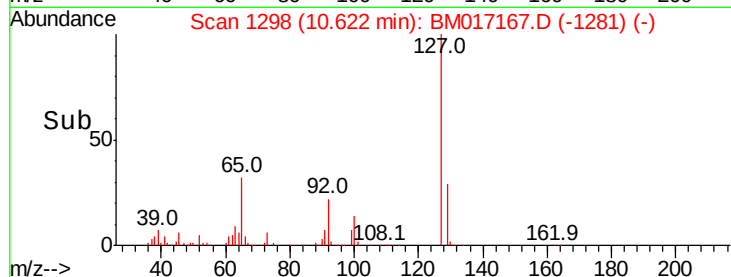
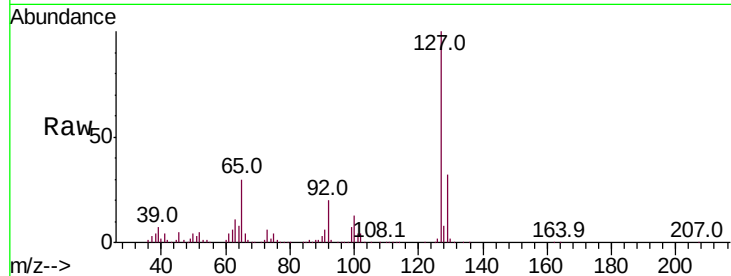
#33
4-Chloroaniline
Concen: 41.584 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.2	39.4	
65	30.0	23.7	35.5	
92	20.4	14.3	21.5	

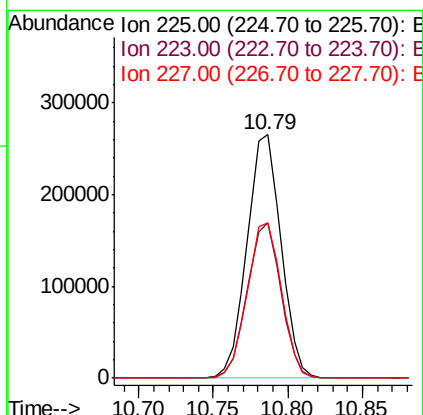
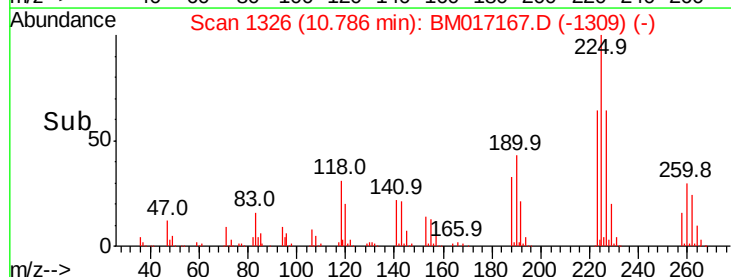
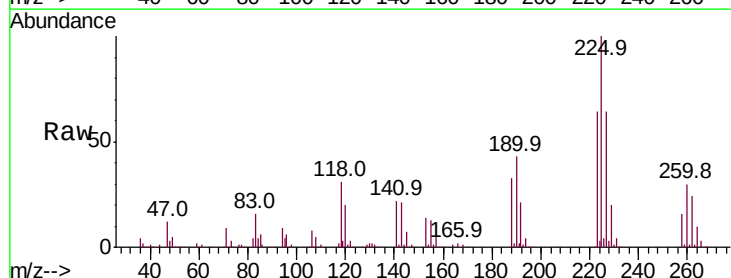
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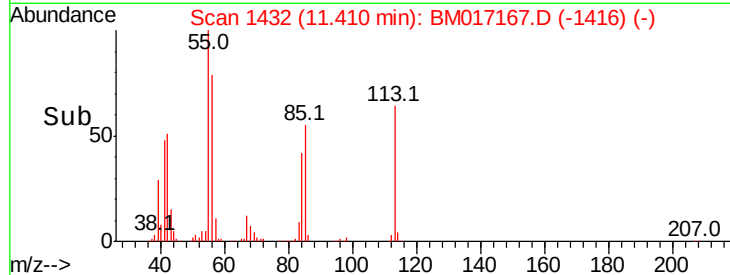
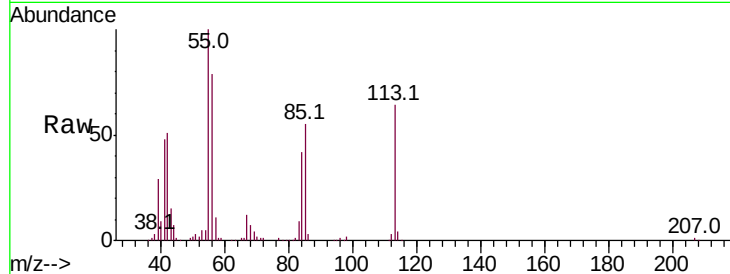
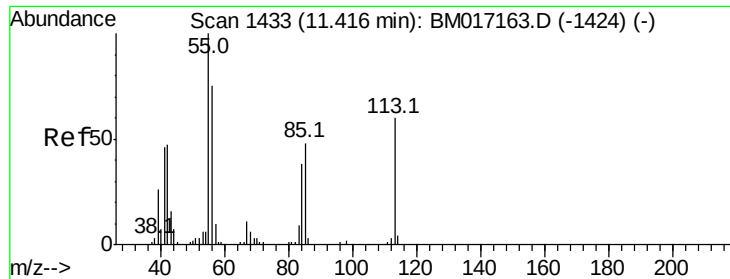
Sohil
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#34
Hexachlorobutadiene
Concen: 39.657 ng
RT: 10.79 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	51.0	76.6	
227	63.8	50.8	76.2	





#35

Caprolactam

Concen: 41.956 ng

RT: 11.41 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

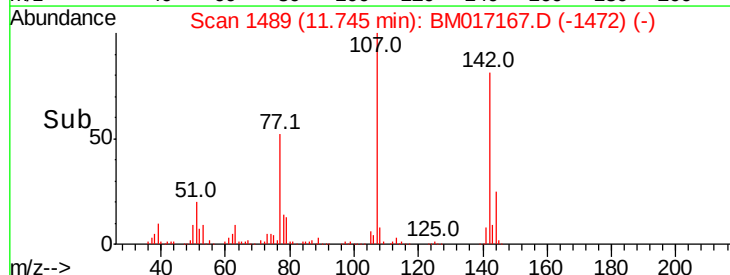
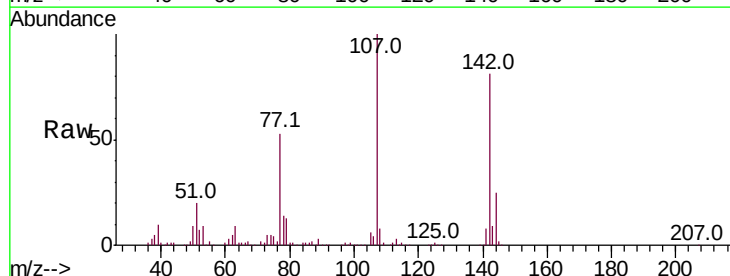
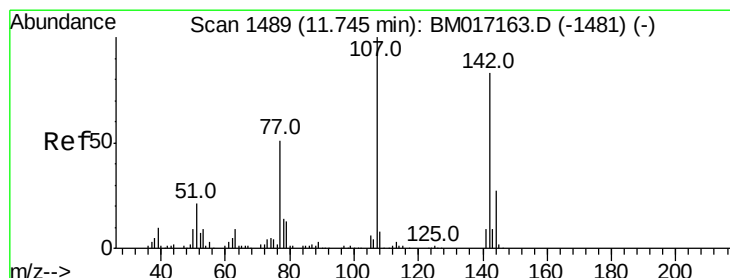
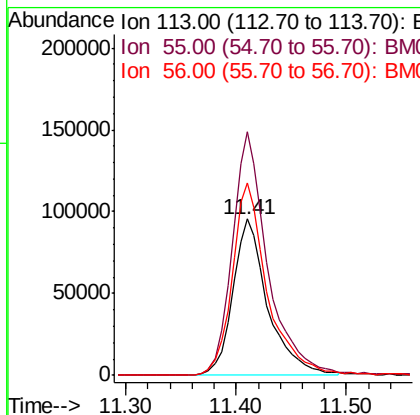
ClientSampleId :

ICVBM101718

Tot Ion:	113	Resp:	212053
Ion Ratio	Lower	Upper	
113	100		
55	156.1	147.0	187.0
56	122.9	104.5	144.5

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#36

4-Chloro-3-methylphenol

Concen: 42.373 ng

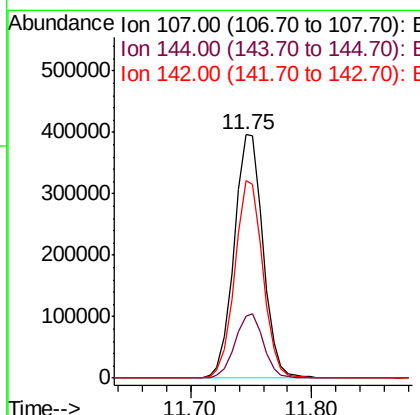
RT: 11.75 min Scan# 1489

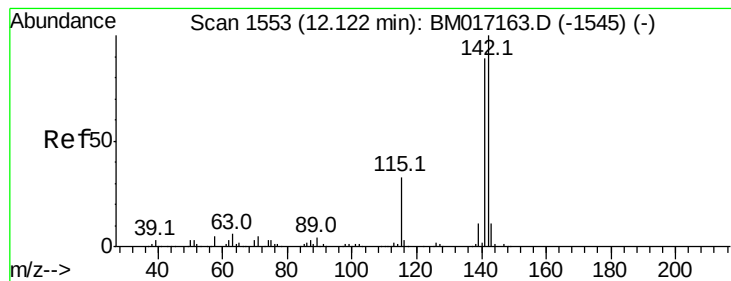
Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:	107	Resp:	662412
Ion Ratio	Lower	Upper	
107	100		
144	25.3	21.6	32.4
142	81.1	66.0	99.0





#37

2-Methylnaphthalene

Concen: 41.093 ng

RT: 12.12 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

ICVBM101718

Tot Ion:142 Resp: 1318449

Ion Ratio Lower Upper

142 100

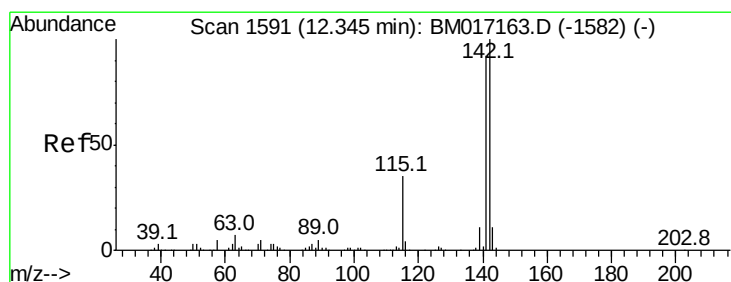
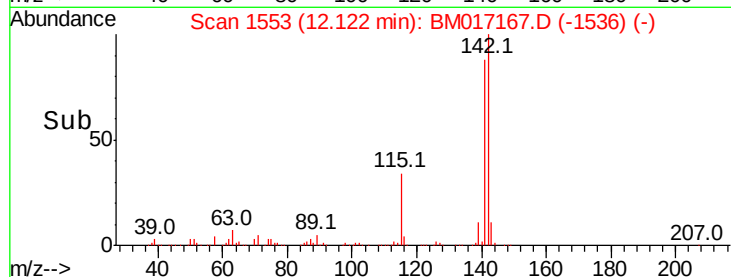
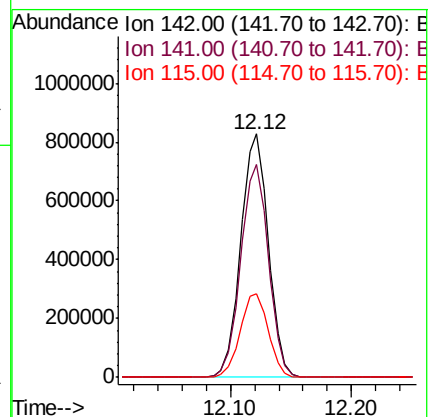
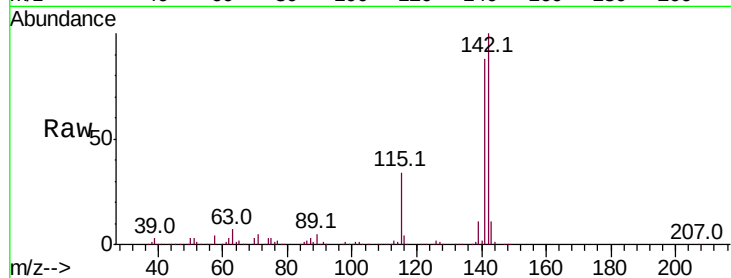
141 87.5 70.9 106.3

115 34.2 26.4 39.6

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#38

1-Methylnaphthalene

Concen: 41.031 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

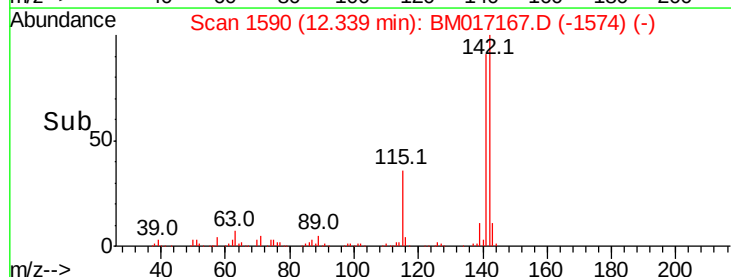
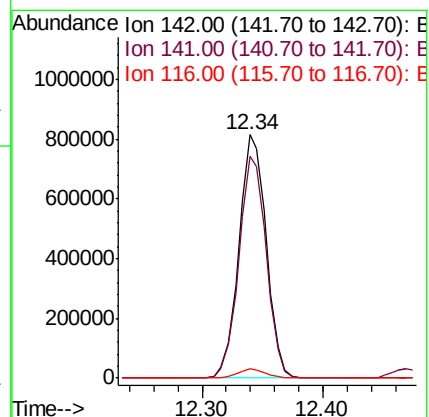
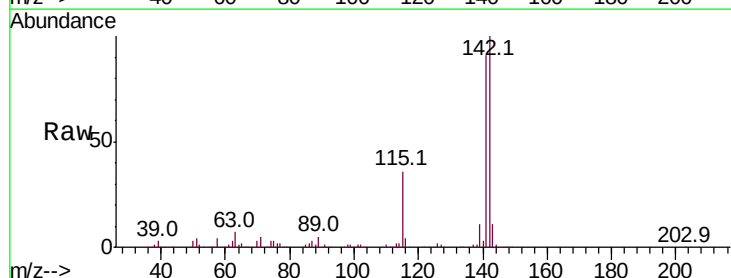
Tgt Ion:142 Resp: 1281290

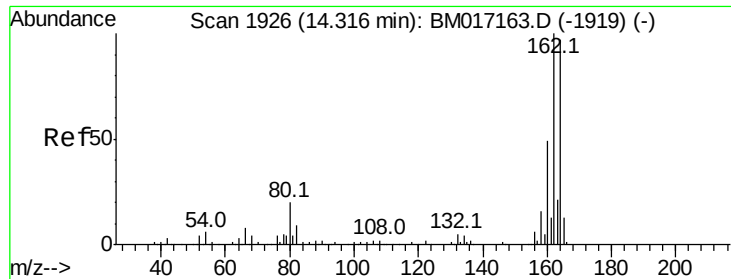
Ion Ratio Lower Upper

142 100

141 91.2 73.8 110.6

116 3.9 2.9 4.3





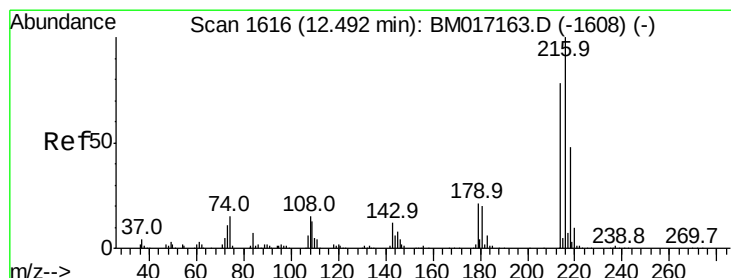
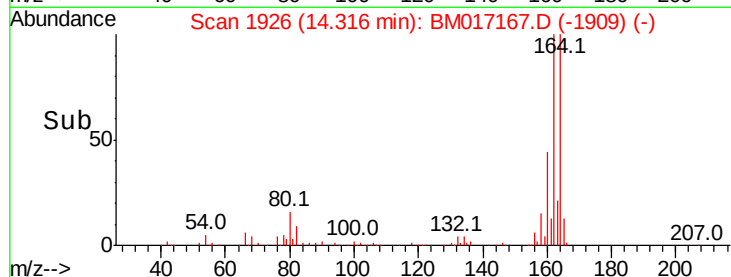
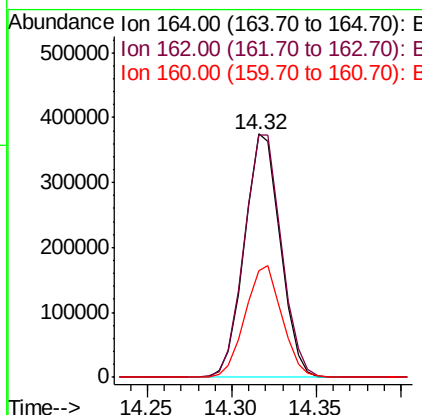
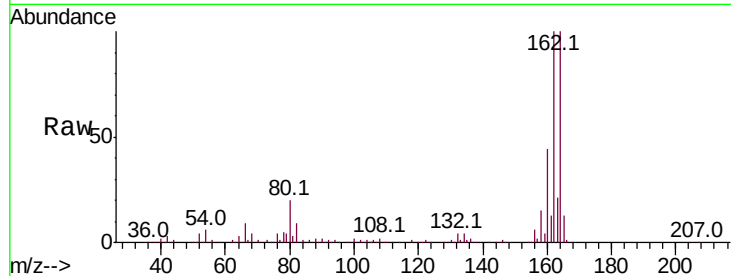
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.1	123.1
160	43.9	40.2	60.2

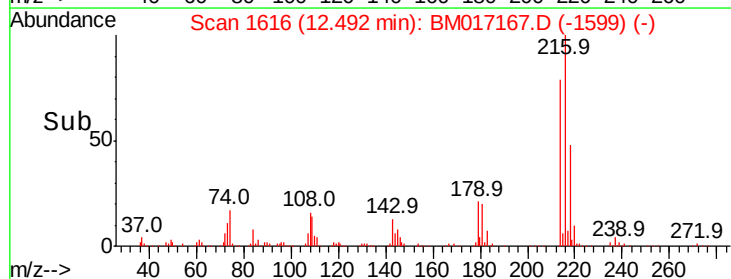
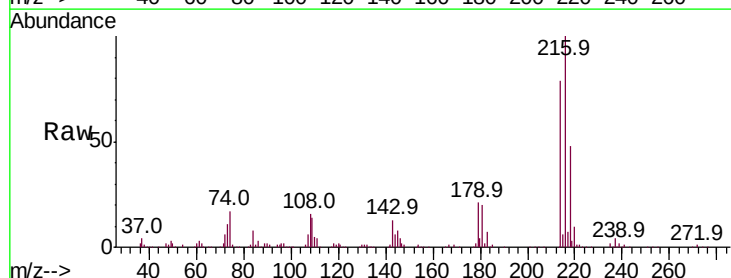
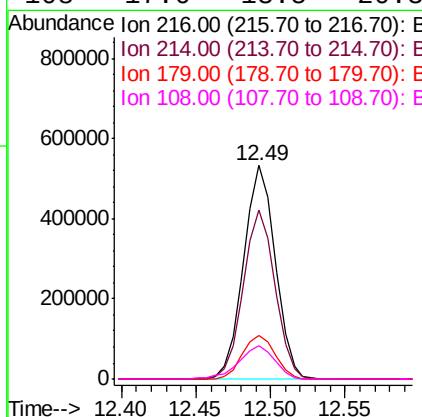
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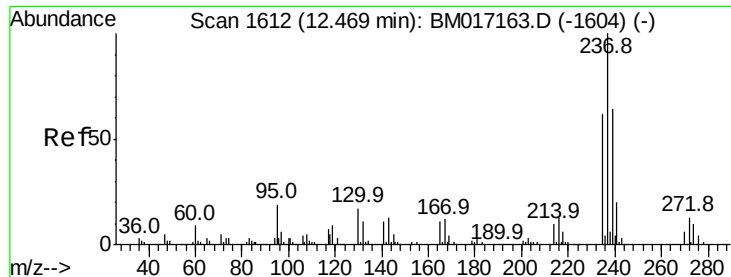
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.123 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.6	93.8
179	21.0	16.6	24.8
108	17.6	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 43.550 ng

RT: 12.47 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

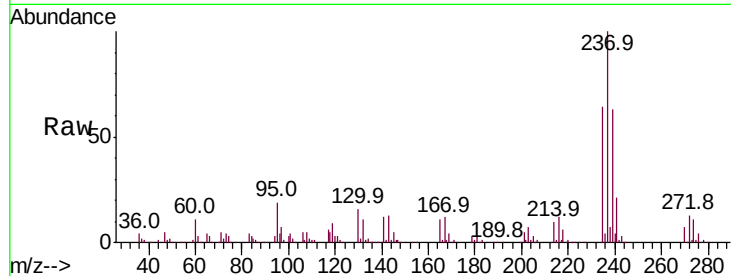
ClientSampleId :

ICVBM101718

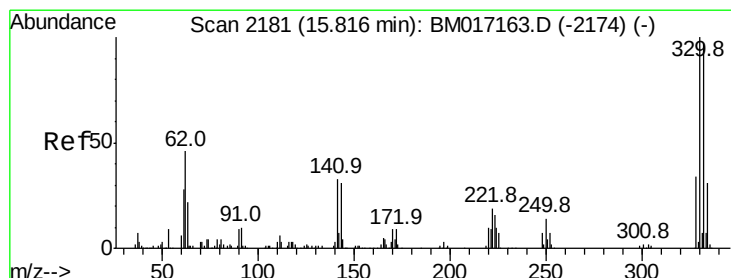
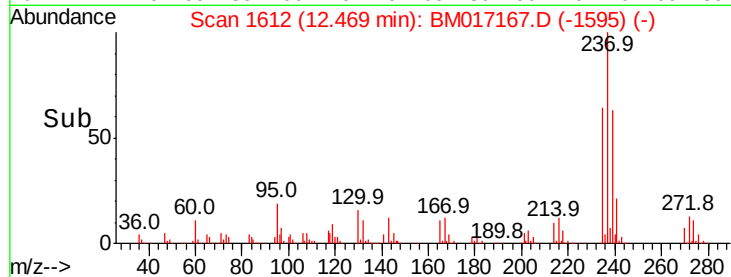
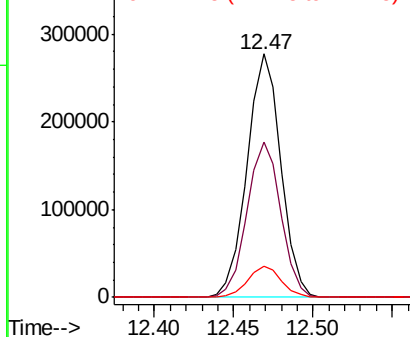
Tot Ion:	237	Resp:	411949
Ion Ratio	Lower	Upper	
237	100		
235	63.6	42.4	82.4
272	12.7	0.0	33.0

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: 82.633 ng

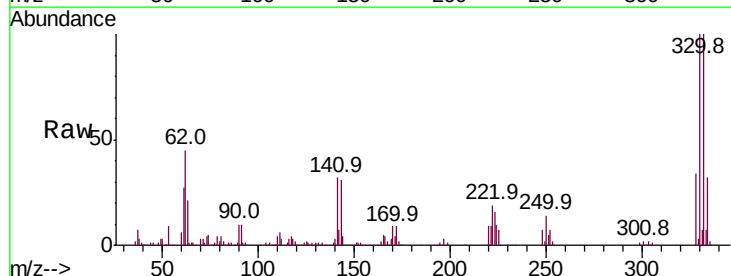
RT: 15.82 min Scan# 2181

Delta R.T. 0.00 min

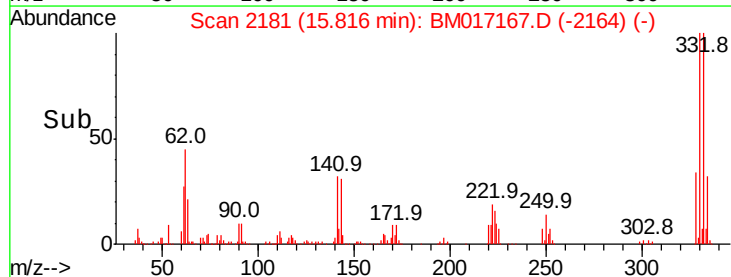
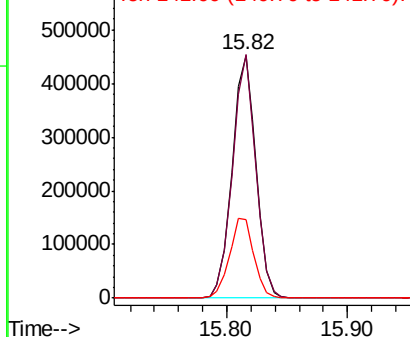
Lab File: BM017167.D

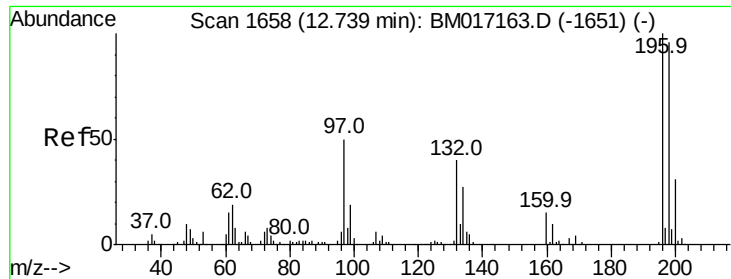
Acq: 17 Oct 2018 14:25

Tgt Ion:	330	Resp:	620887
Ion Ratio	Lower	Upper	
330	100		
332	98.2	77.3	115.9
141	33.8	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





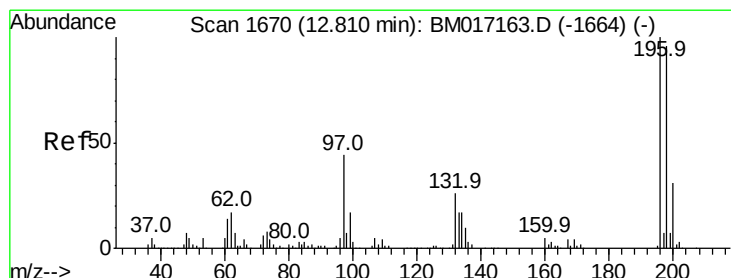
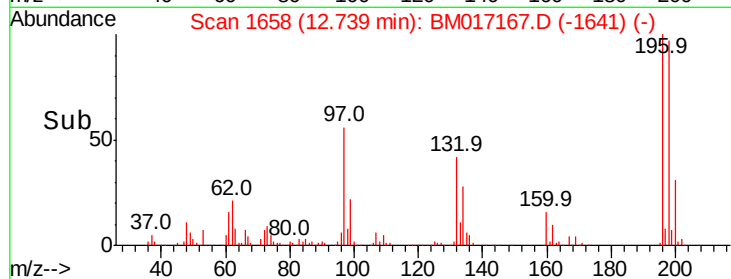
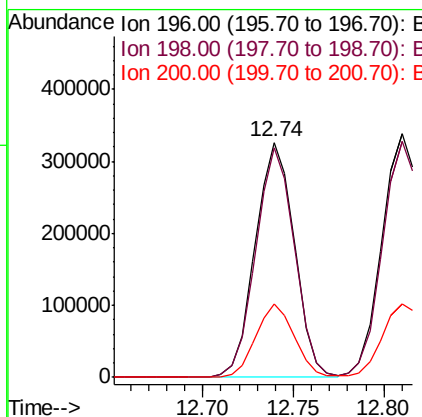
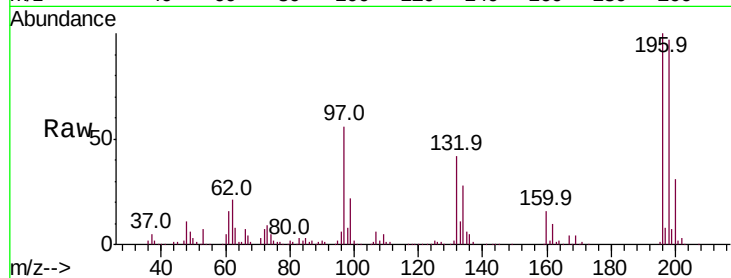
#43
 2,4,6-Trichlorophenol
 Concen: 43.108 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM101718

Tot Ion	Ratio	Resp	Lower	Upper
196	100	489635		
198	97.4		77.1	115.7
200	31.3		25.0	37.4

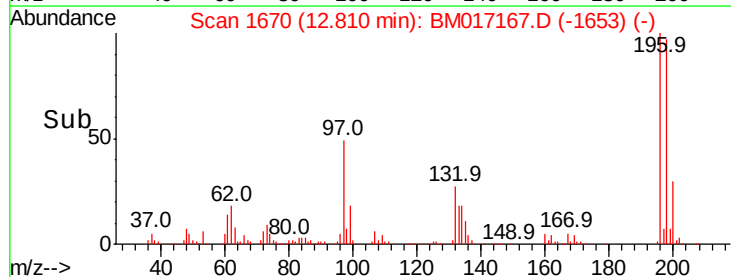
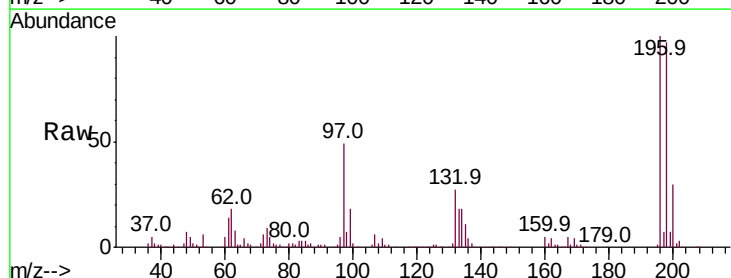
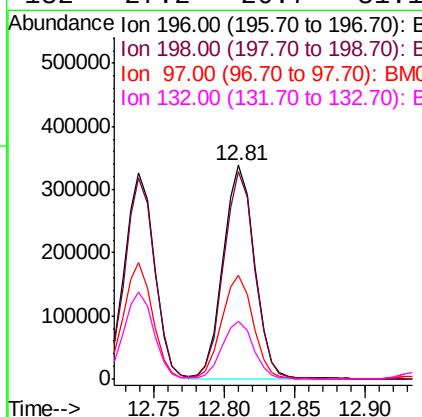
Manual Integrations
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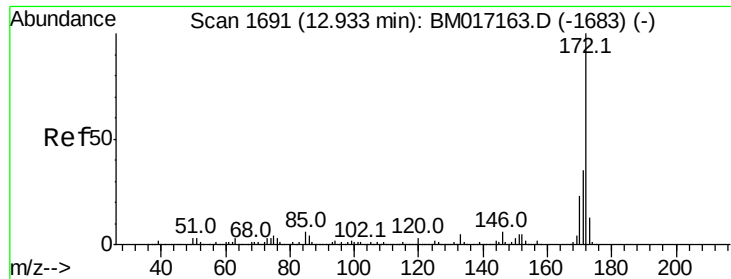
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.844 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	521835		
198	97.0		76.6	115.0
97	48.8		35.5	53.3
132	27.2		20.7	31.1





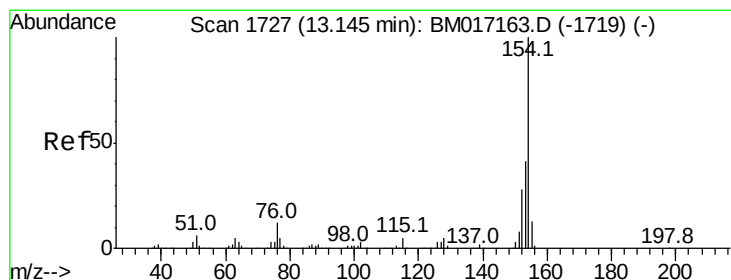
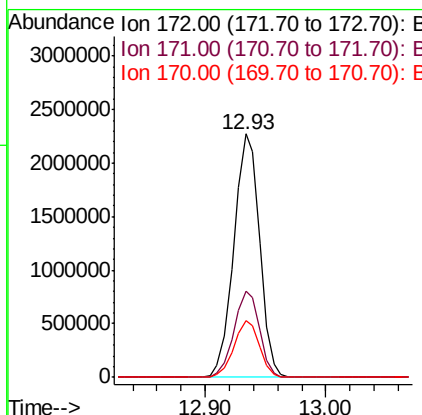
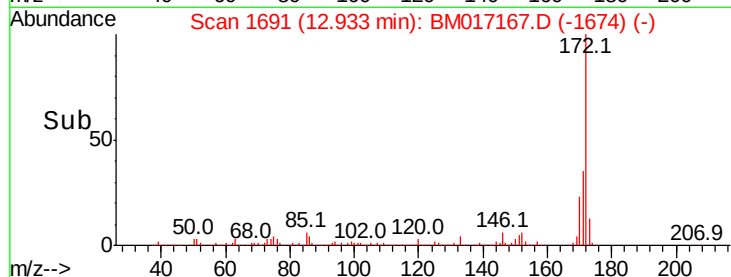
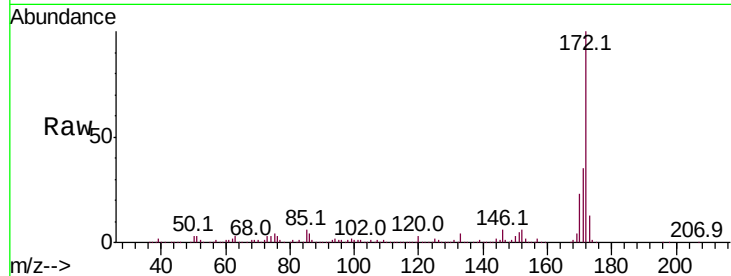
#45
2-Fluorobiphenyl
Concen: 80.718 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.2	18.3	27.5

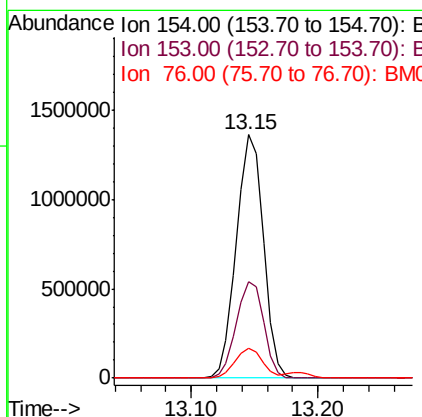
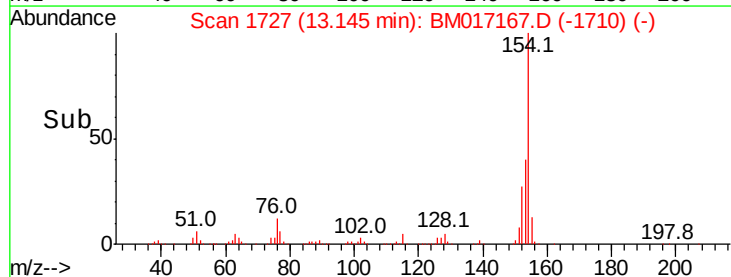
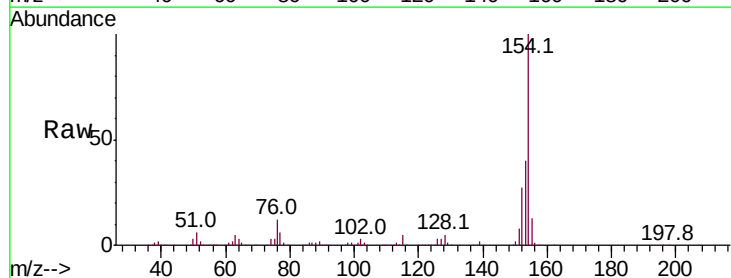
Manual Integrations
APPROVED

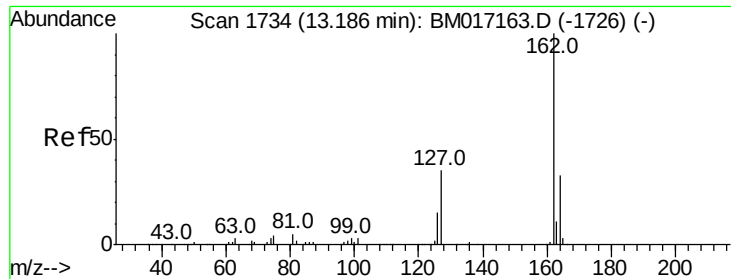
Sohil
10/18/2018 1:58:32 PM



#46
1,1'-Biphenyl
Concen: 40.112 ng
RT: 13.15 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.5	60.5
76	12.2	0.0	31.8





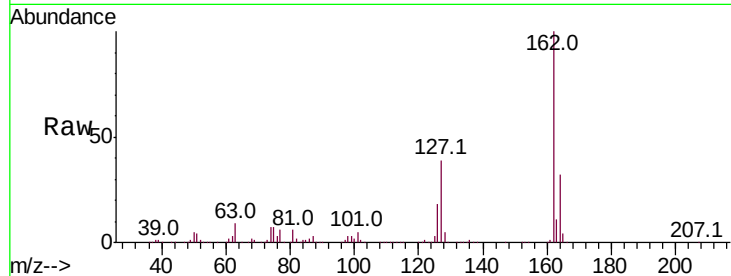
#47
 2-Chloronaphthalene
 Concen: 40.484 ng
 RT: 13.19 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM101718

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.0	46.4
164	32.3	26.6	39.8

Manual Integrations
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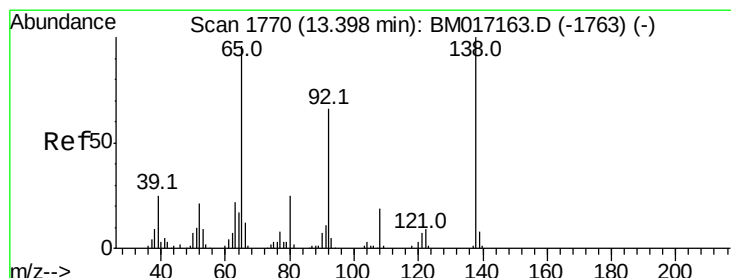
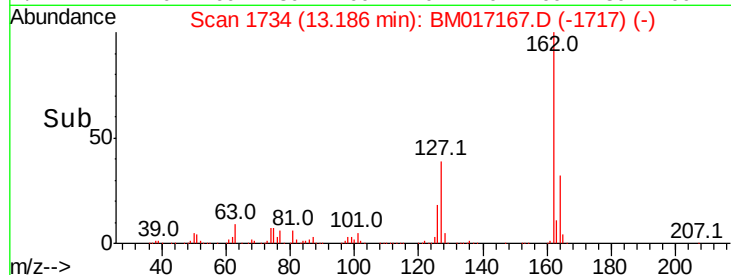
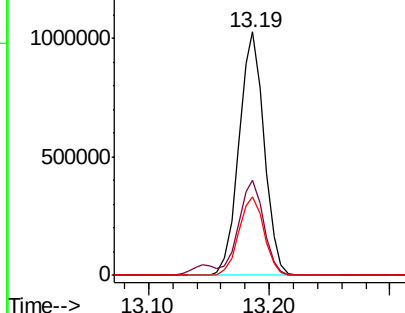


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 40.580 ng
 RT: 13.40 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

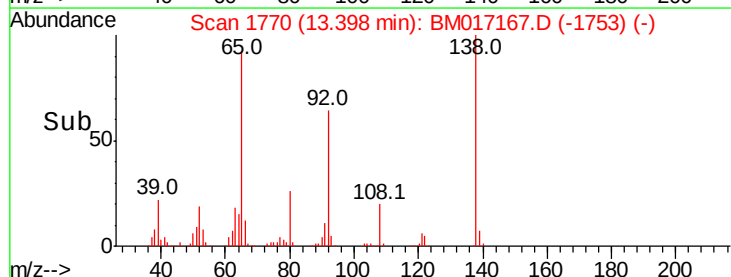
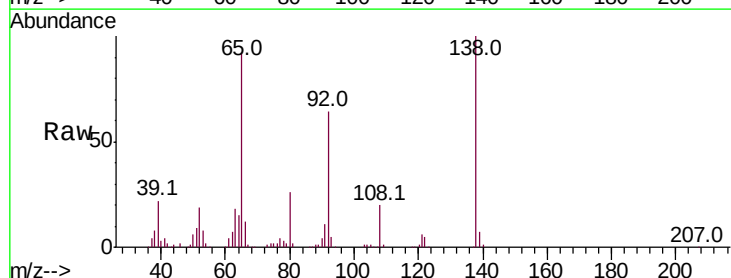
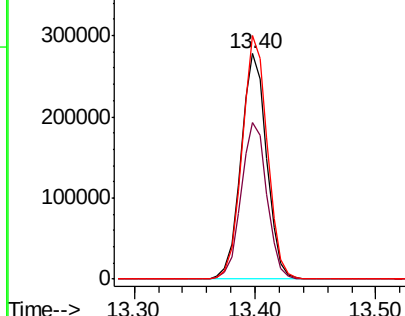
Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	54.9	82.3
138	108.1	83.7	125.5

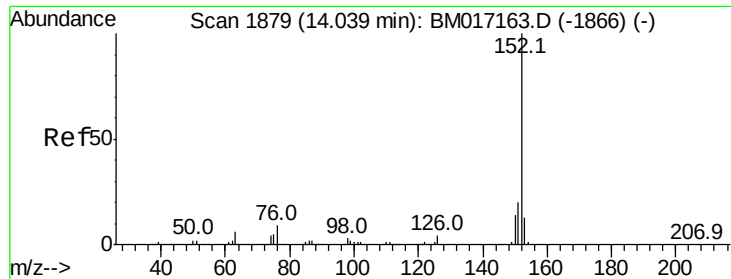
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.023 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

ICVBM101718

Tot Ion:152 Resp: 2240529

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

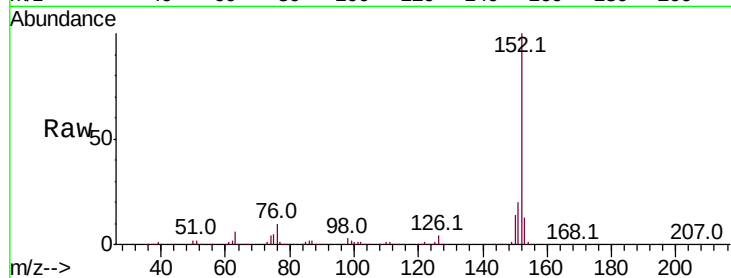
153 12.8 10.4 15.6

Manual Integrations

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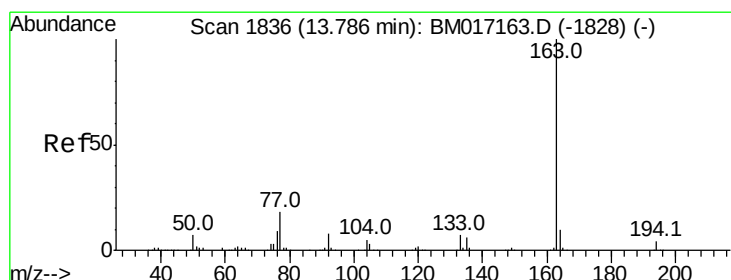
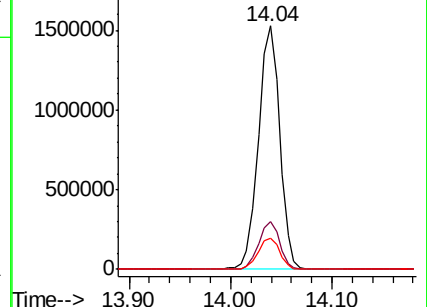
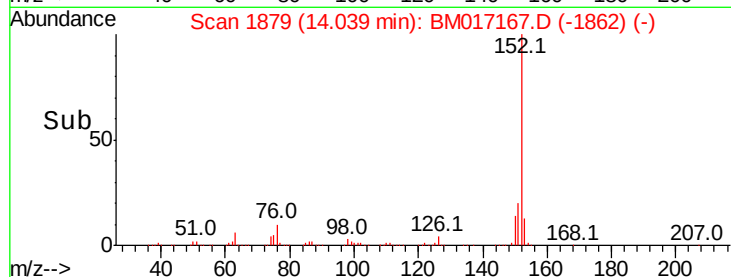
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.581 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

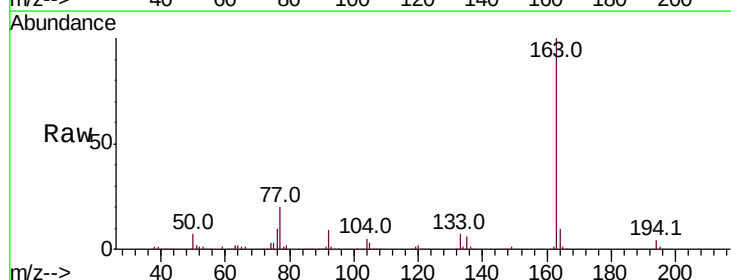
Tgt Ion:163 Resp: 1782399

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

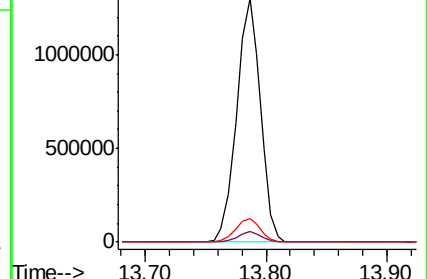
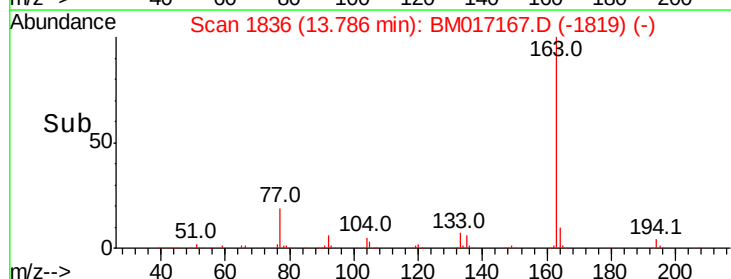
164 9.9 7.8 11.8

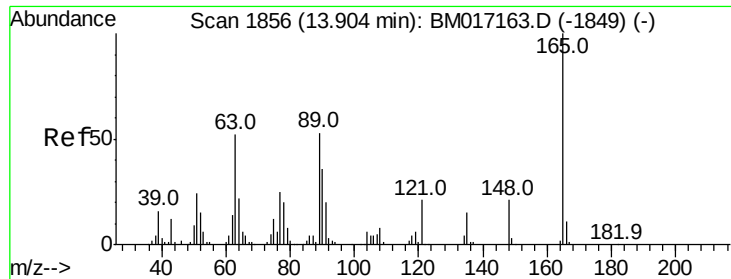


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





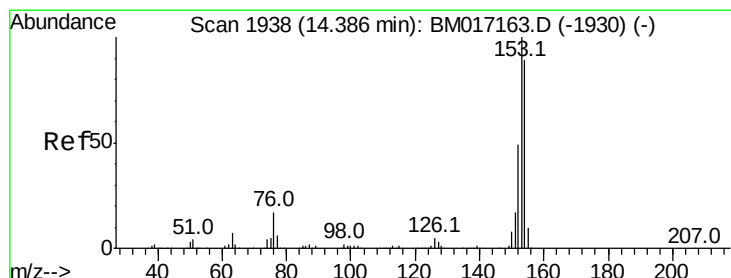
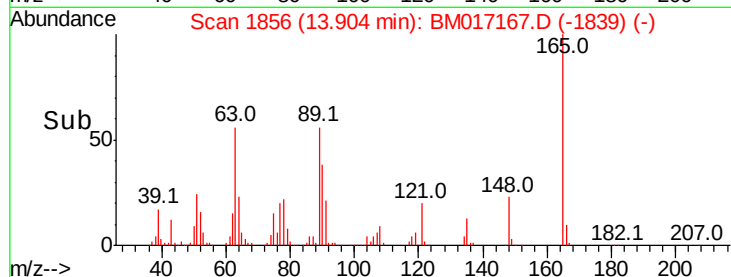
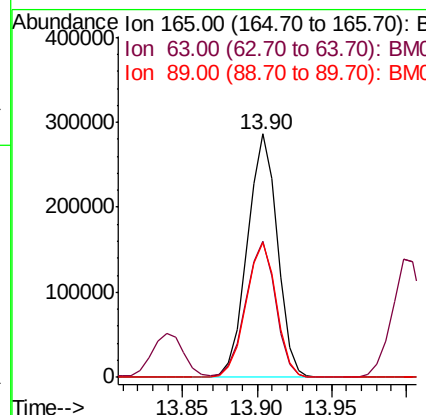
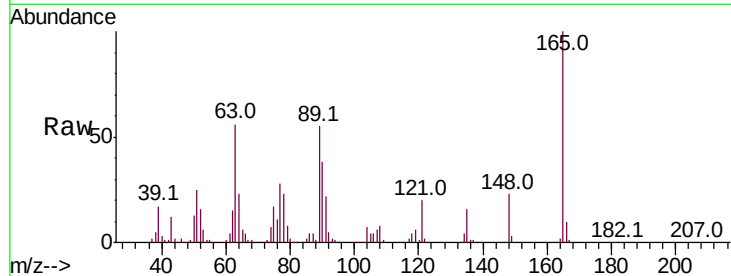
#51
2,6-Dinitrotoluene
Concen: 41.931 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.8	42.7	64.1	
89	55.4	42.1	63.1	

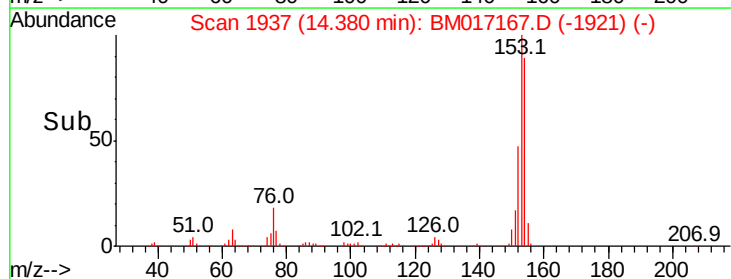
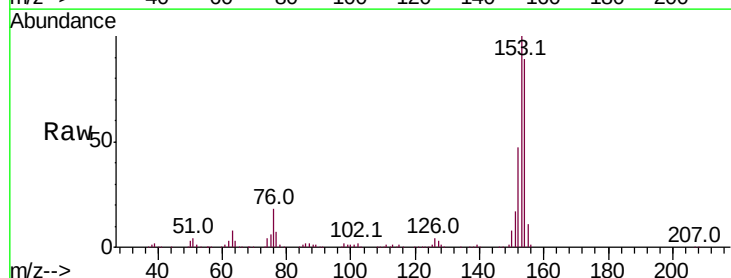
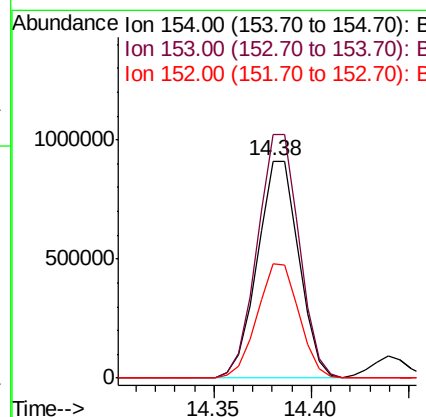
Manual Integrations
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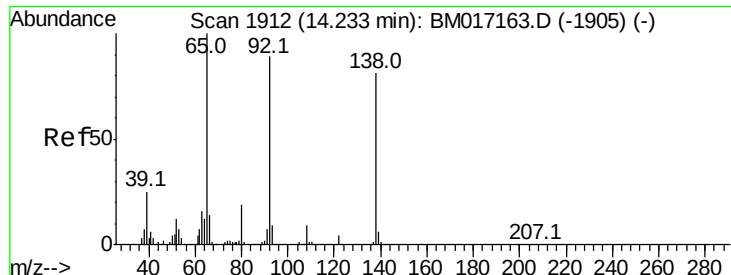
Sohil
10/18/2018 1:58:32 PM



#52
Acenaphthene
Concen: 40.197 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.0	90.2	135.2	
152	52.4	44.2	66.4	





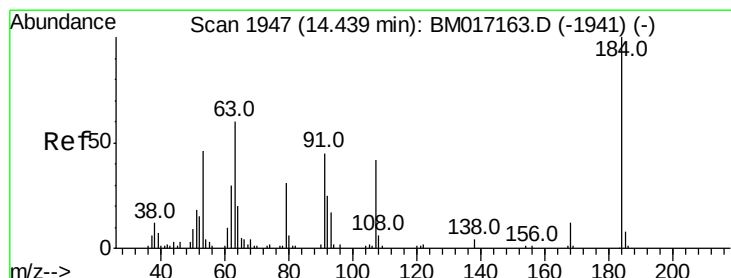
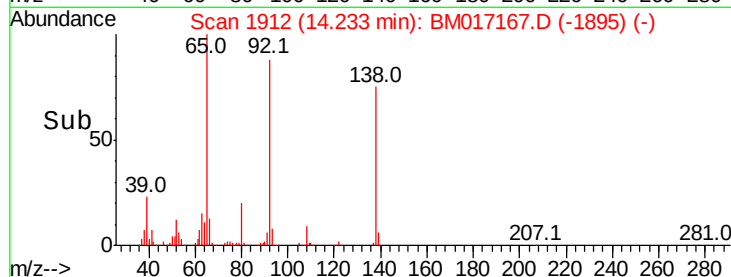
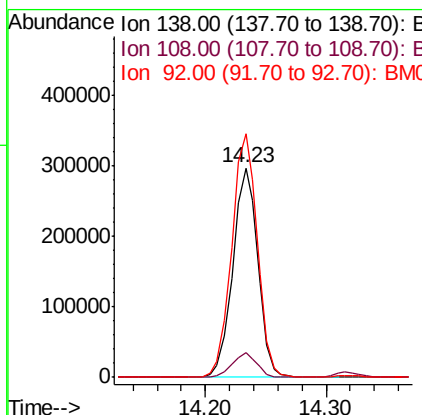
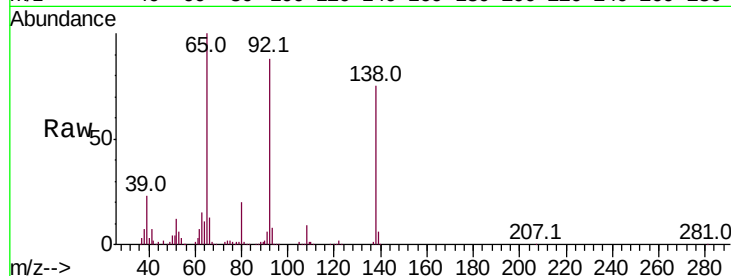
#53
3-Nitroaniline
Concen: 42.018 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.7	13.1
92	116.5	87.9	131.9

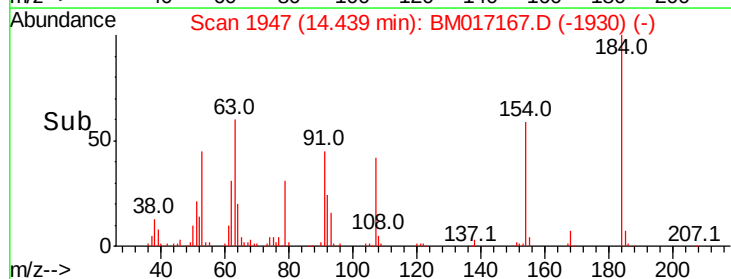
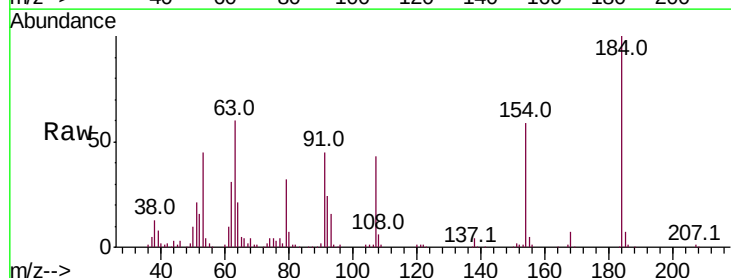
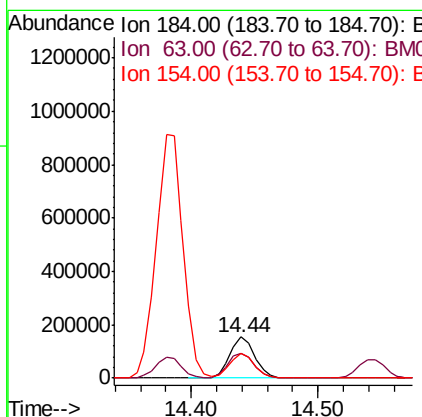
Manual Integrations
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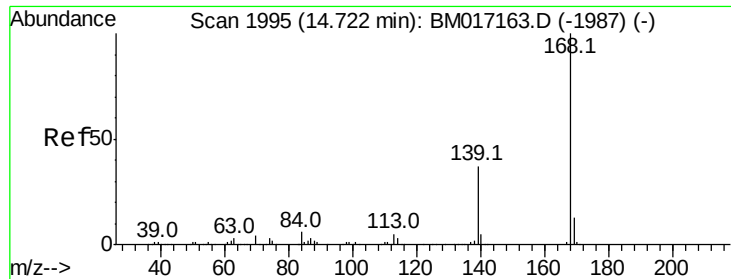
Sohil
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#54
2,4-Dinitrophenol
Concen: 42.101 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	51.2	76.8
154	59.1	47.8	71.8





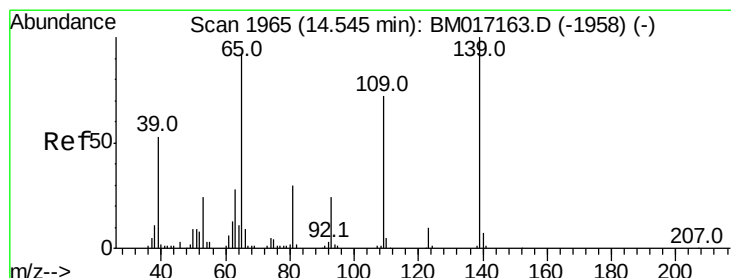
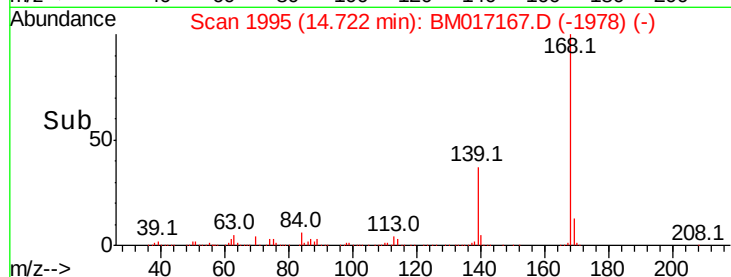
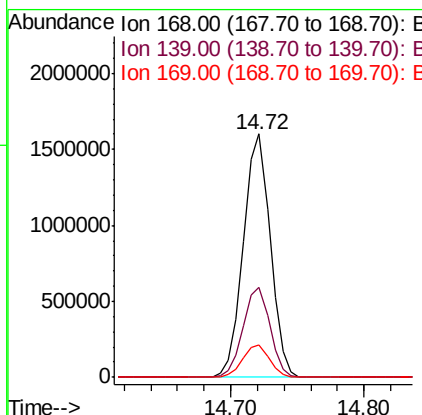
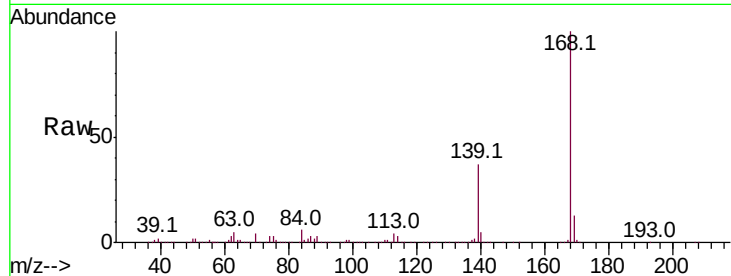
#55
Dibenzenofuran
Concen: 39.979 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

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

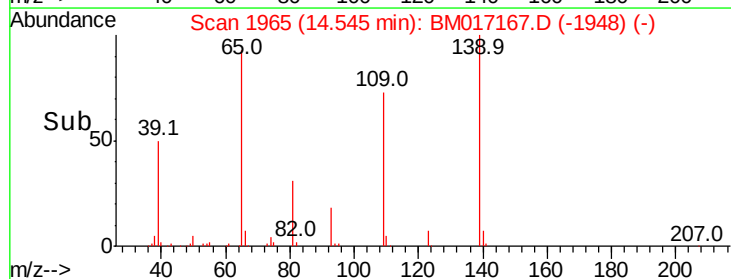
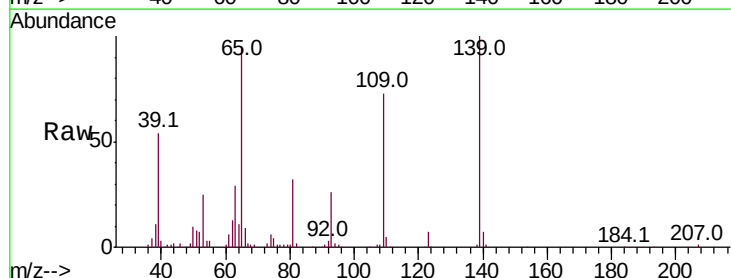
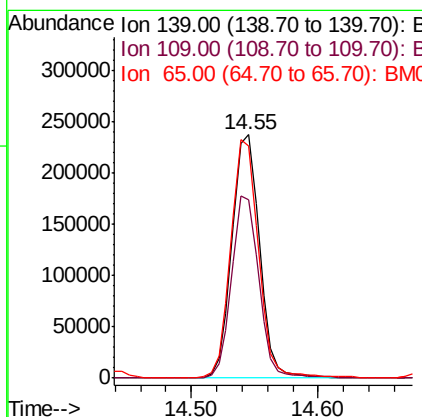
Manual Integrations
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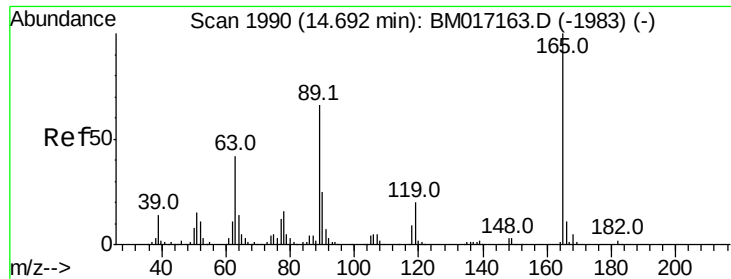
Sohil
10/18/2018 1:58:32 PM



#56
4-Nitrophenol
Concen: 40.872 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	51.8	91.8
65	95.3	72.1	112.1





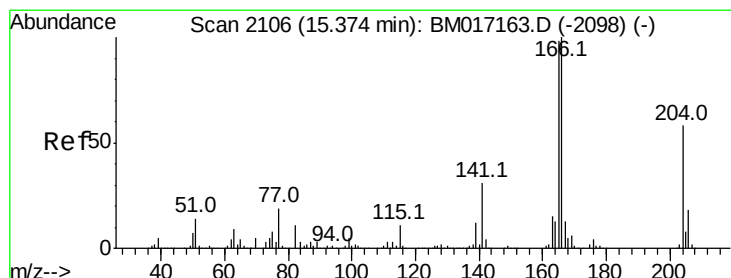
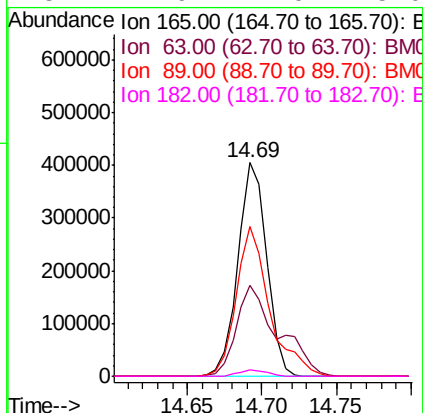
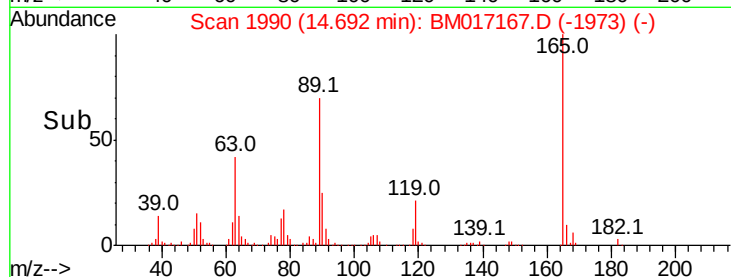
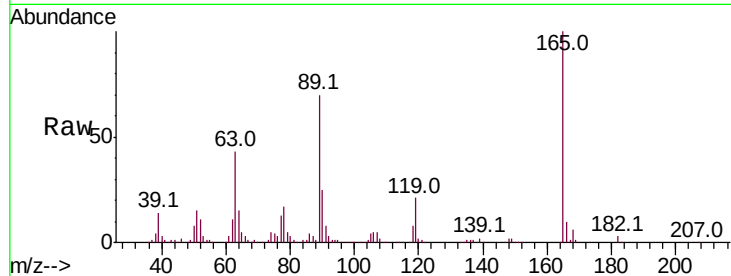
#57
 2,4-Dinitrotoluene
 Concen: 42.831 ng
 RT: 14.69 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM101718

Tot Ion	Ratio	Resp	Lower	Upper
165	100	543112		
63	42.6	33.8	50.8	
89	70.0	53.1	79.7	
182	2.9	2.0	3.0	

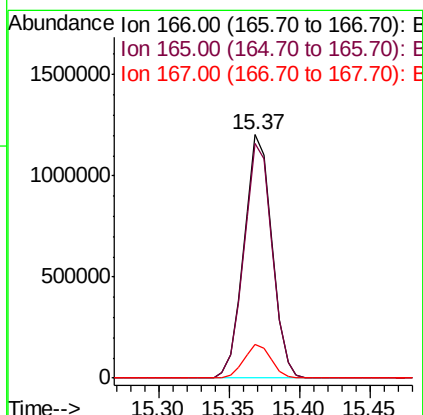
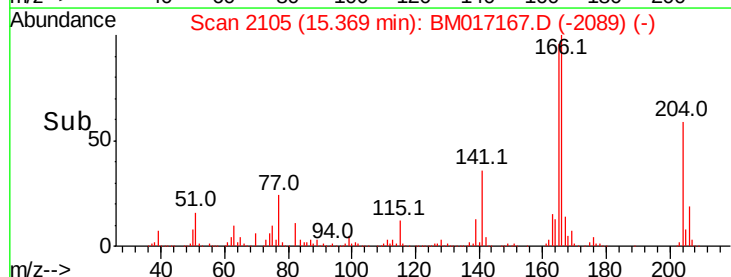
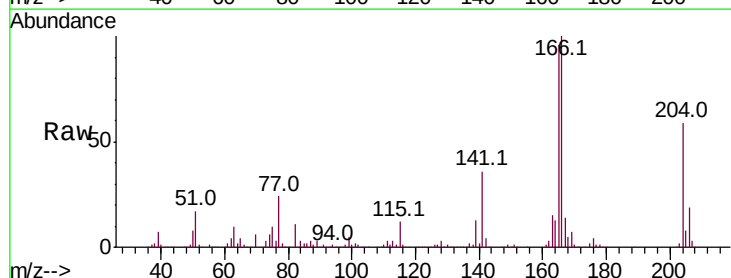
Manual Integrations
 APPROVED

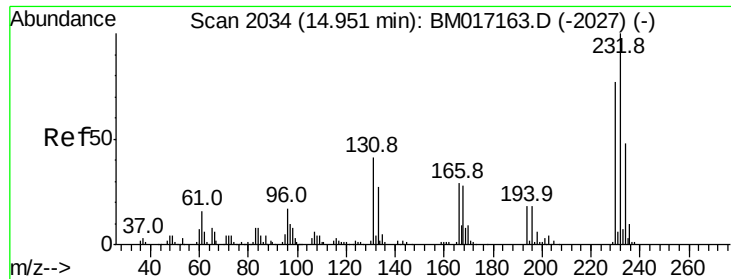
Sohil
 10/18/2018 1:58:32 PM



#58
 Fluorene
 Concen: 40.563 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1671408		
165	96.4	78.1	117.1	
167	13.7	10.6	16.0	





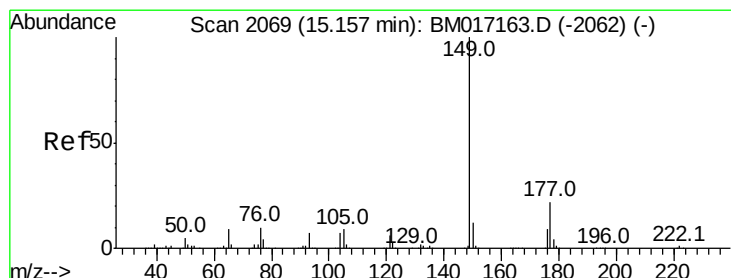
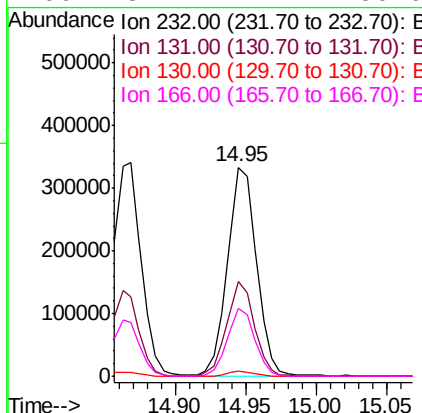
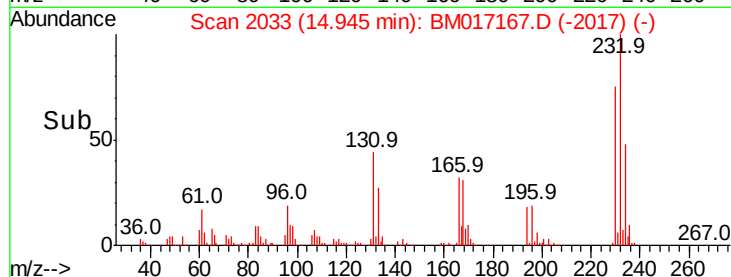
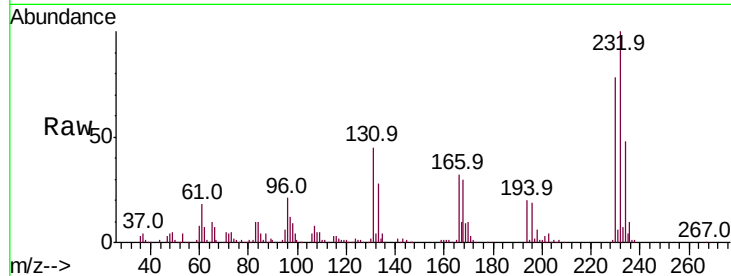
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.671 ng
RT: 14.95 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	33.1	49.7
130	2.3	1.7	2.5
166	31.2	24.4	36.6

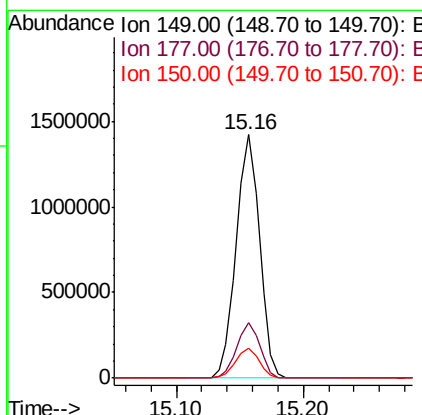
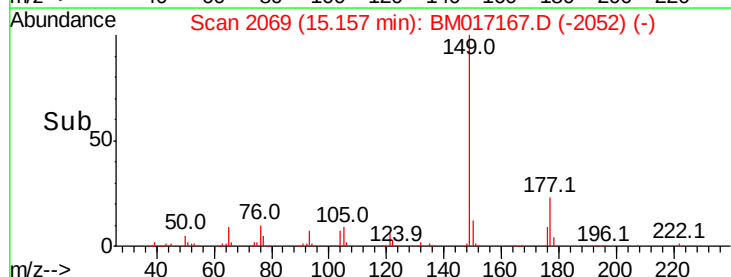
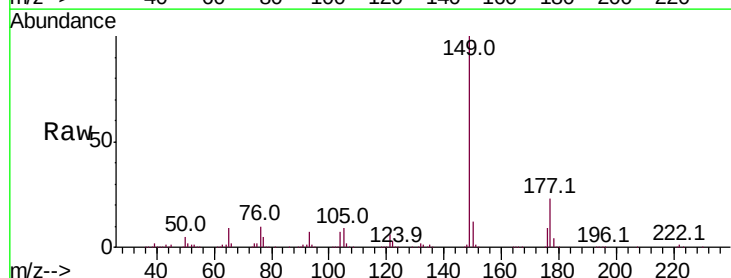
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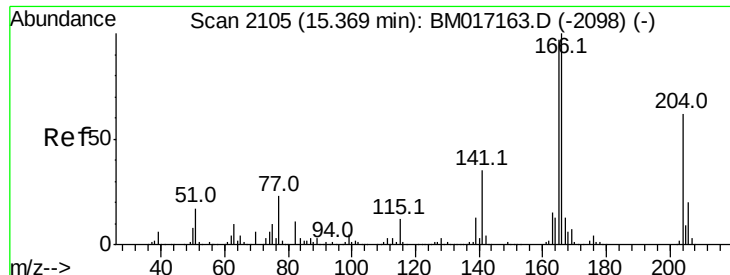
Sohil
10/18/2018 1:58:32 PM



#60
Diethylphthalate
Concen: 42.604 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

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





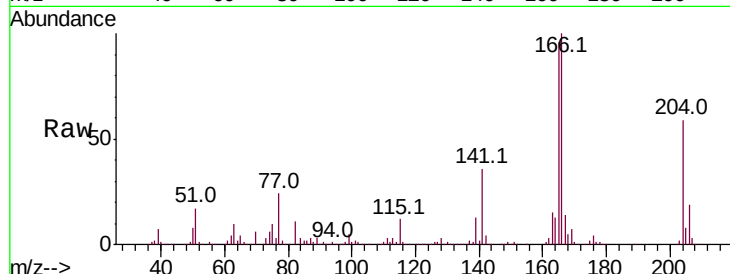
#61
4-Chlorophenyl-phenylether
Concen: 40.529 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	60.7	45.4	68.2

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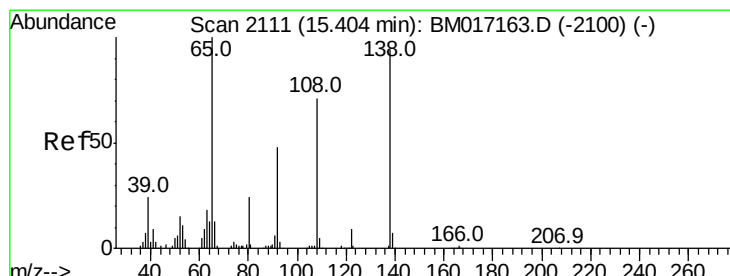
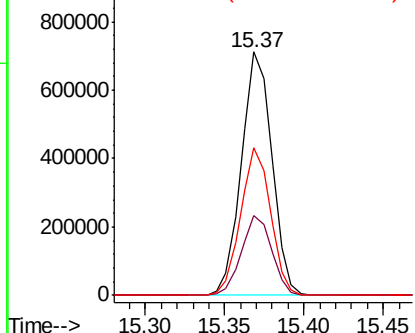
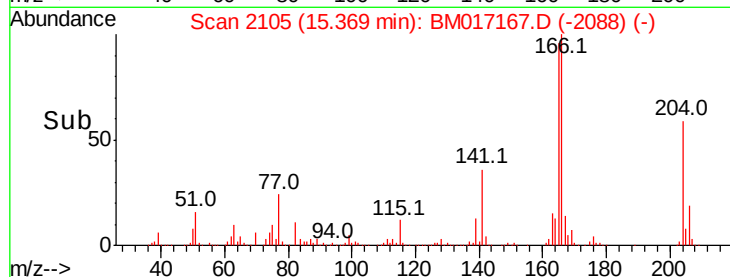


Abundance

Ion 204.00 (203.70 to 204.70): E

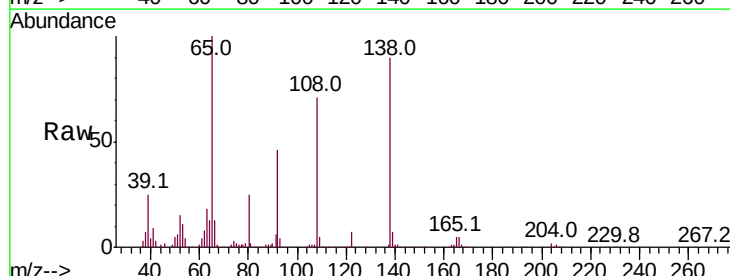
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.997 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	31.2	71.2
108	79.1	55.5	95.5

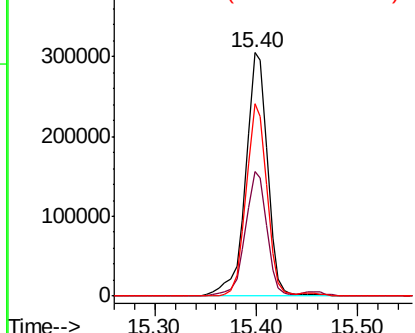
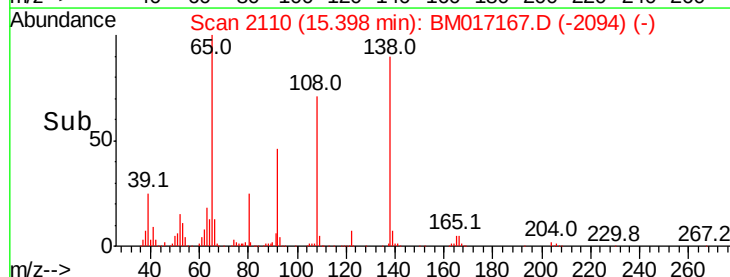


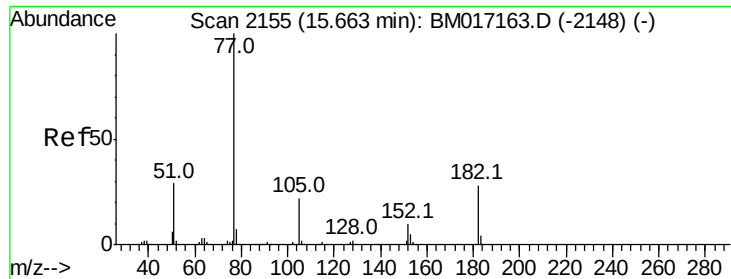
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





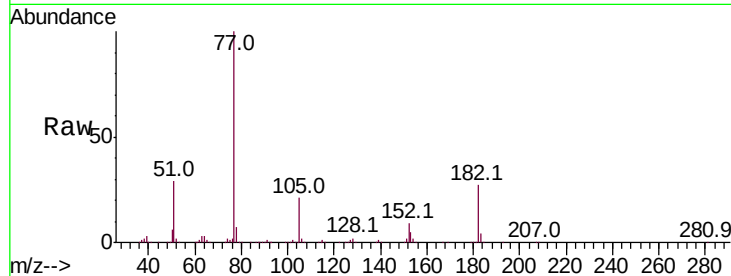
#63
Azobenzene
Concen: 41.559 ng
RT: 15.66 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	8.3	48.3
105	21.4	1.5	41.5
51	29.0	8.8	48.8

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Abundance Ion 77.00 (76.70 to 77.70): BM017167.D (-2148) (-)

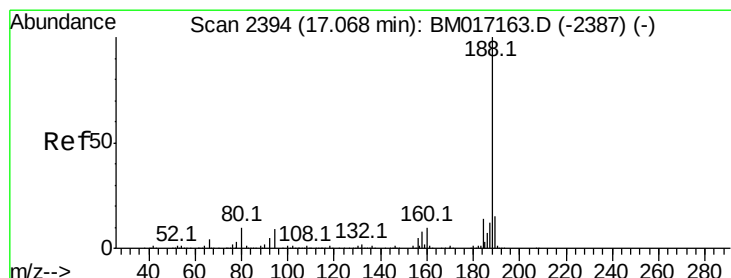
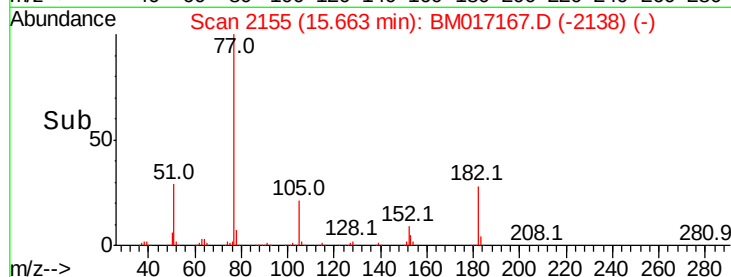
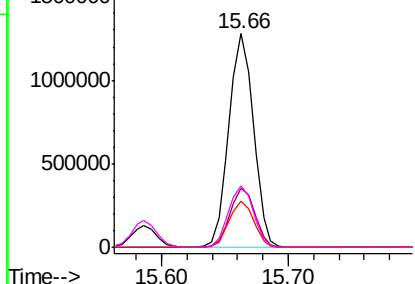
2000000 Ion 182.00 (181.70 to 182.70): BM017167.D (-2148) (-)

1500000 Ion 105.00 (104.70 to 105.70): BM017167.D (-2148) (-)

1000000 Ion 51.00 (50.70 to 51.70): BM017167.D (-2148) (-)

500000

0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	10.2	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): BM017167.D (-2387) (-)

1200000 Ion 94.00 (93.70 to 94.70): BM017167.D (-2387) (-)

1000000 Ion 80.00 (79.70 to 80.70): BM017167.D (-2387) (-)

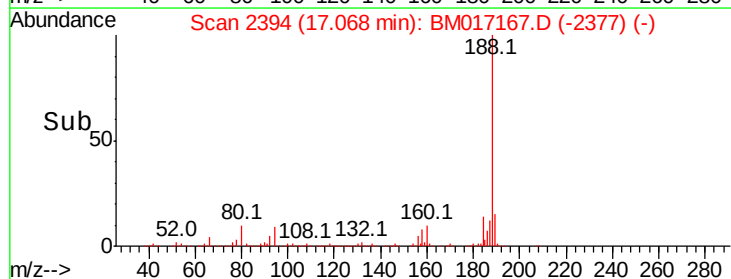
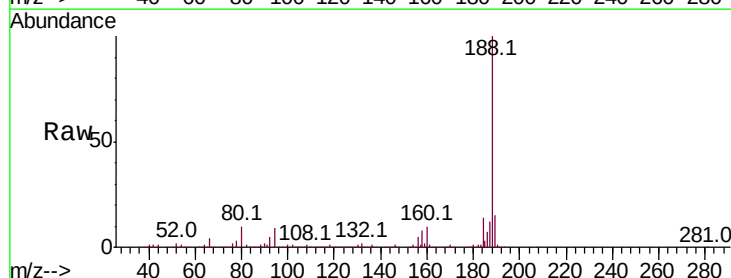
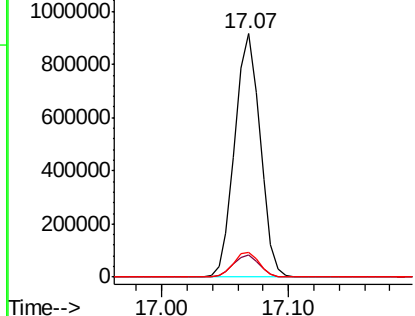
800000

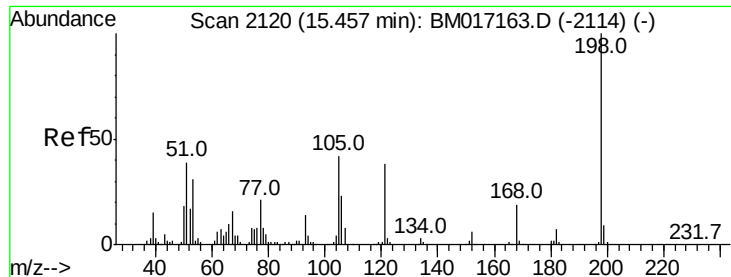
600000

400000

200000

0





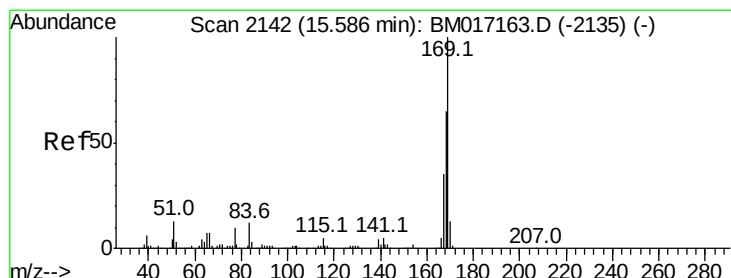
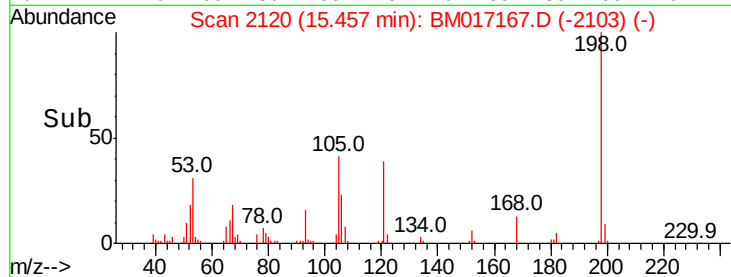
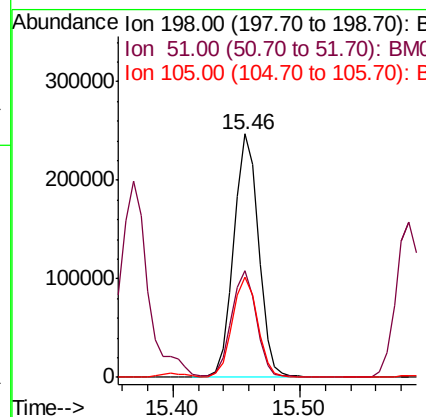
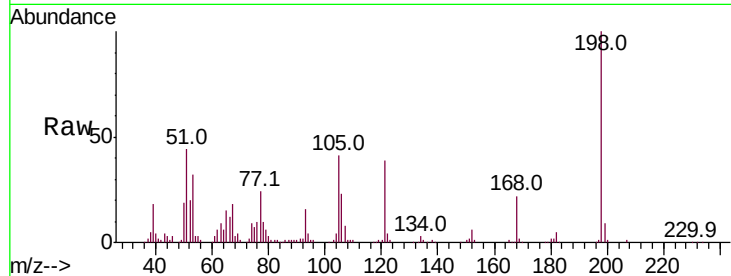
#65
4,6-Dinitro-2-methylphenol
Concen: 41.954 ng
RT: 15.46 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Resp	Lower	Upper
198	100	333432		
51	43.9	20.3	60.3	
105	41.0	21.9	61.9	

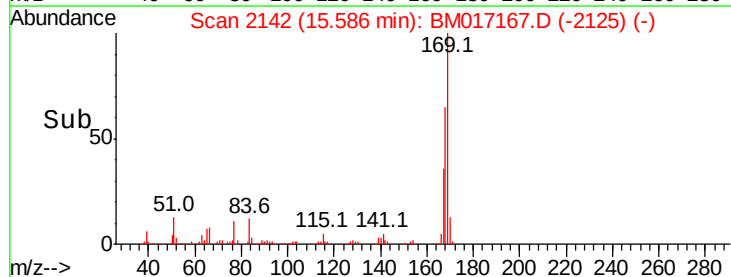
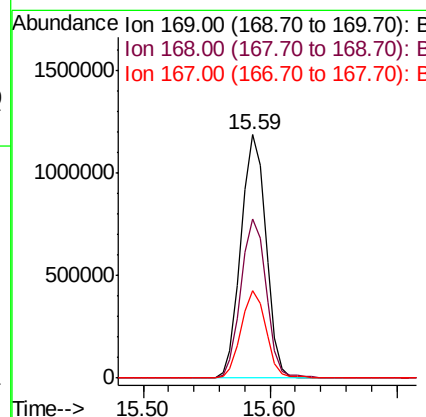
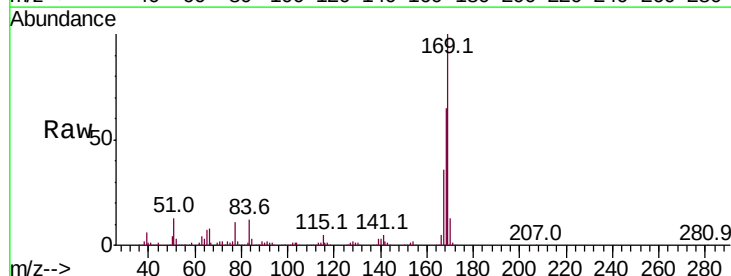
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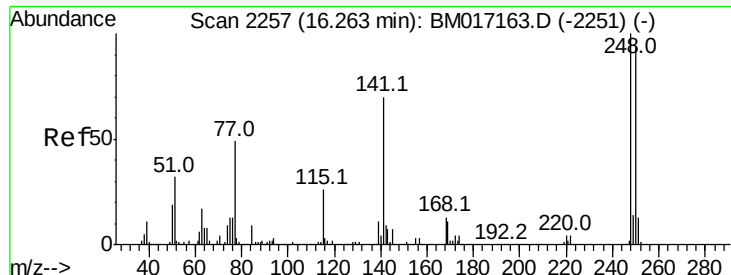
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#66
n-Nitrosodiphenylamine
Concen: 42.101 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1616226		
168	65.5	52.2	78.4	
167	36.2	28.4	42.6	





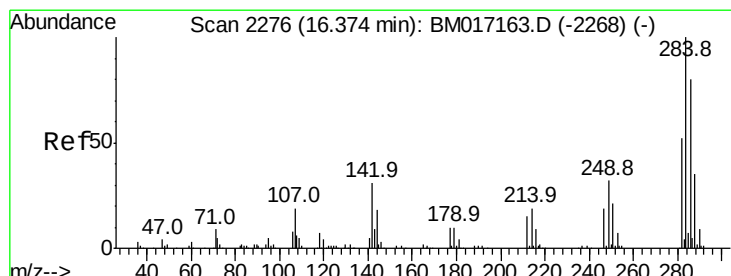
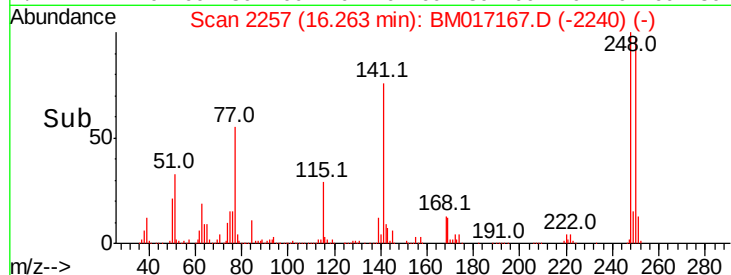
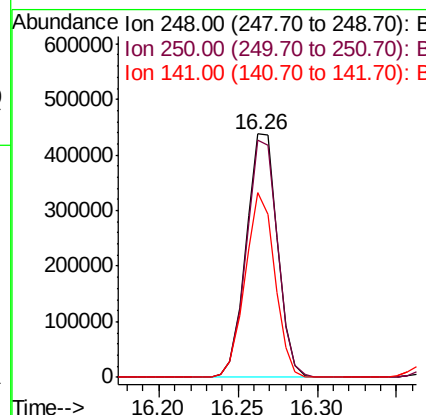
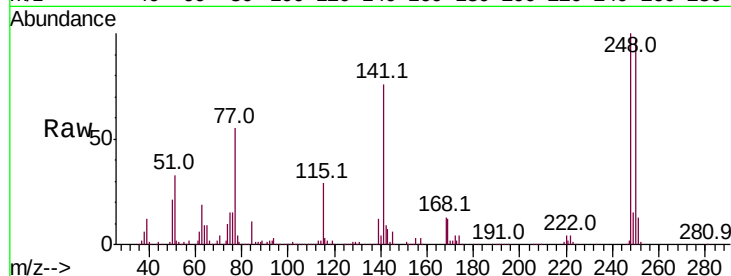
#67
 4-Bromophenyl-phenylether
 Concen: 42.960 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM101718

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	75.1	112.7
141	76.1	55.6	83.4

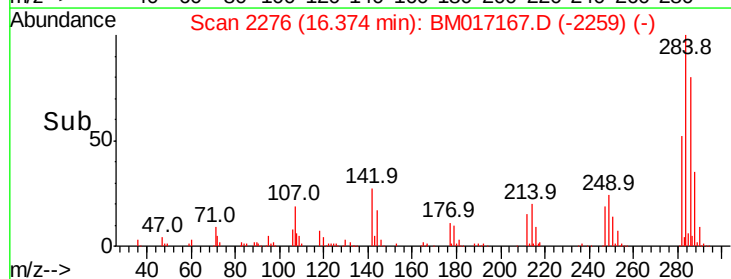
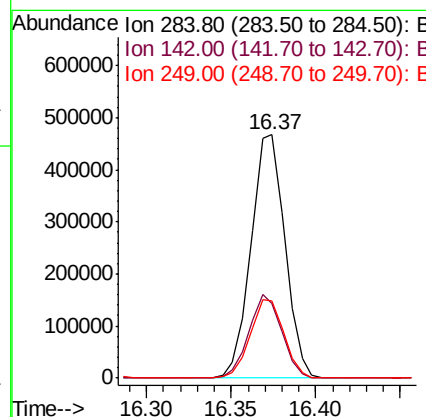
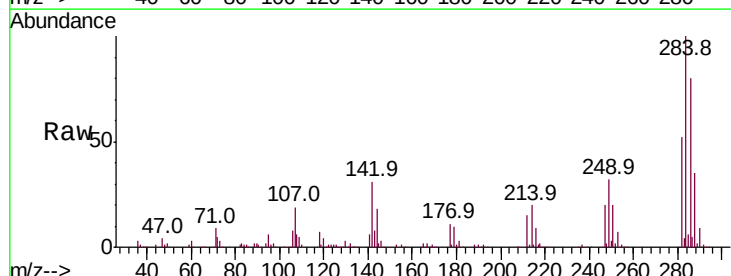
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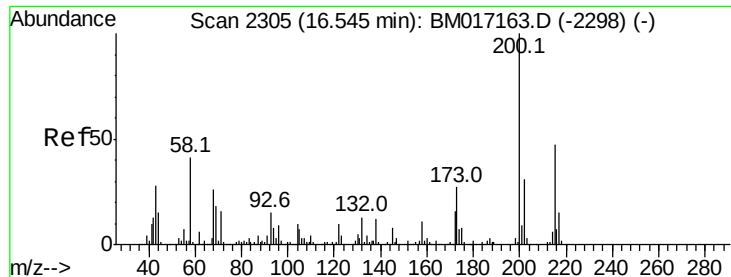
Sohil
 10/18/2018 1:58:32 PM



#68
 Hexachlorobenzene
 Concen: 40.564 ng
 RT: 16.37 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.0	37.6
249	31.6	25.5	38.3





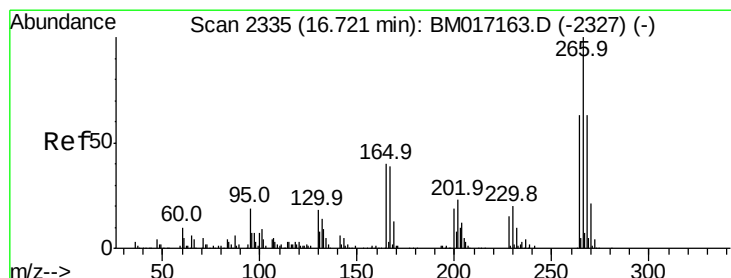
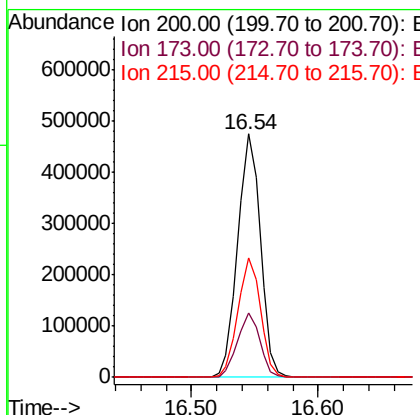
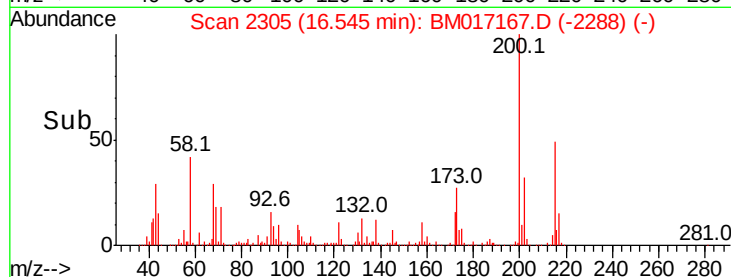
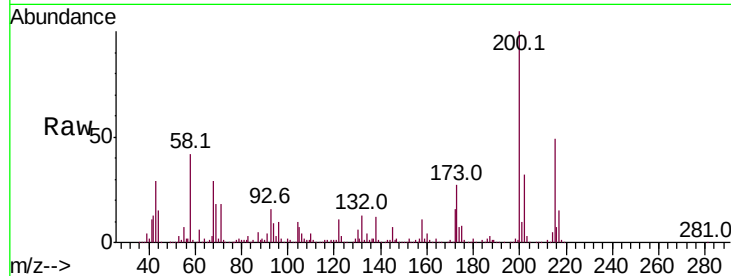
#69
Atrazine
Concen: 42.851 ng
RT: 16.54 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.0	47.0
215	49.3	27.3	67.3

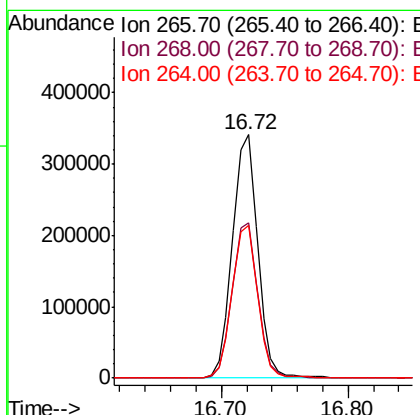
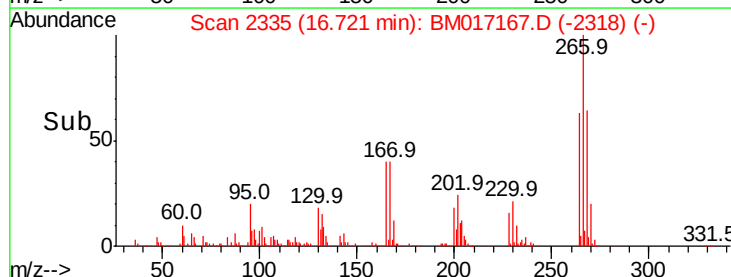
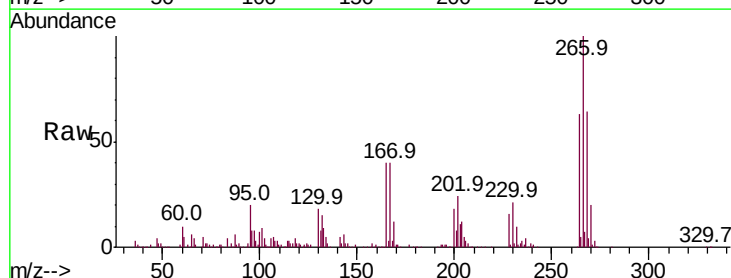
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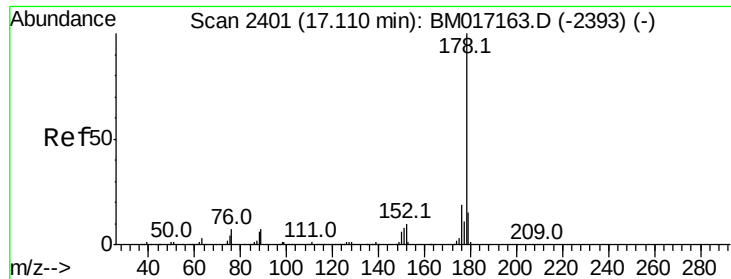
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#70
Pentachlorophenol
Concen: 42.533 ng
RT: 16.72 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.7	76.1
264	62.8	50.4	75.6





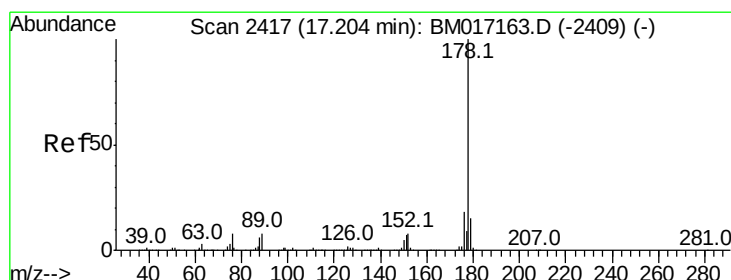
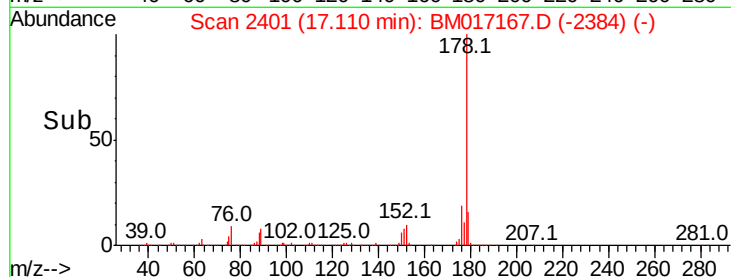
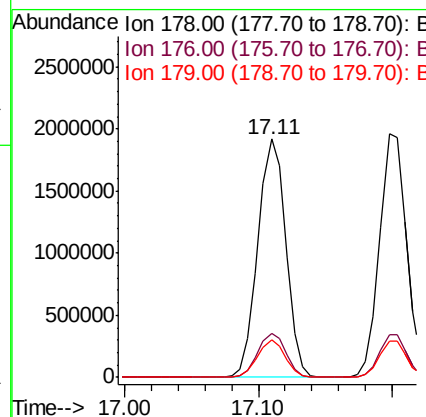
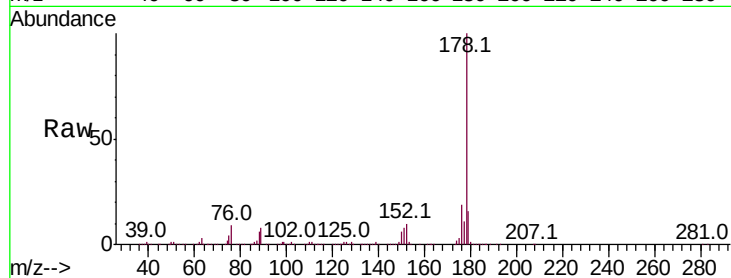
#71
Phenanthrene
Concen: 40.439 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion:178 Resp: 2768443
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.3 18.5

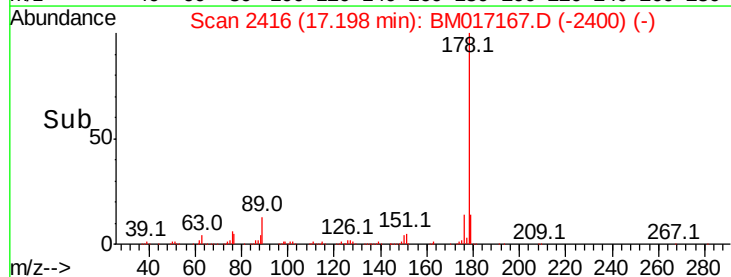
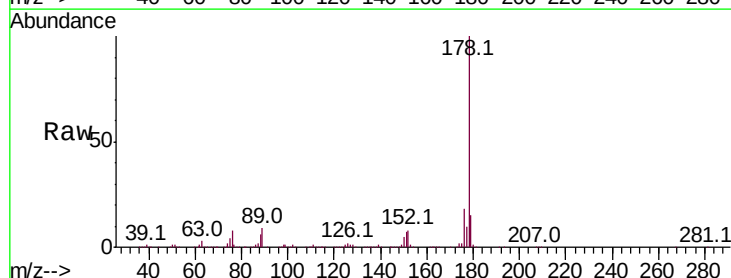
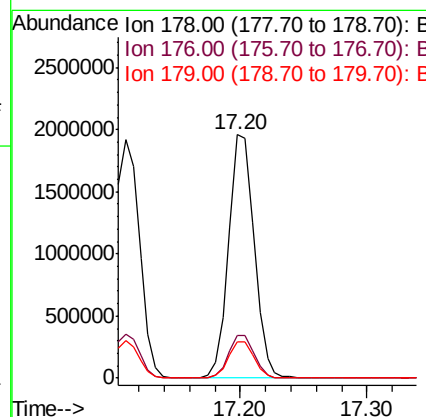
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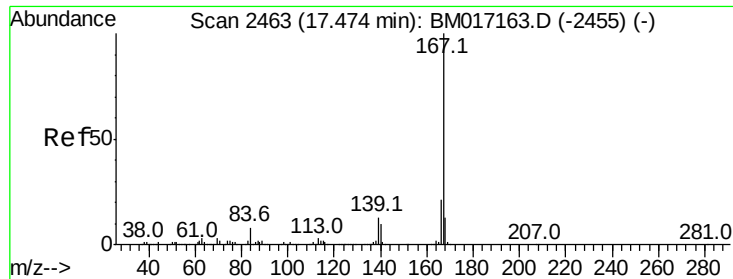
Sohil
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#72
Anthracene
Concen: 42.119 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion:178 Resp: 2739783
Ion Ratio Lower Upper
178 100
176 17.8 14.5 21.7
179 15.1 12.2 18.2





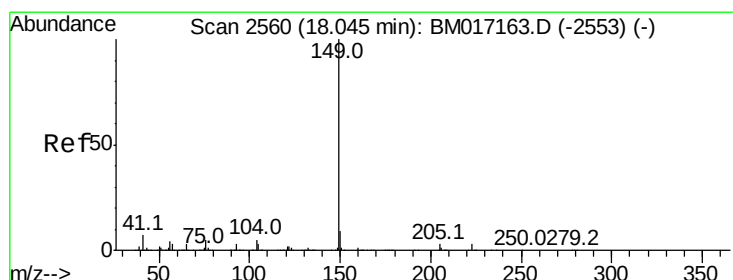
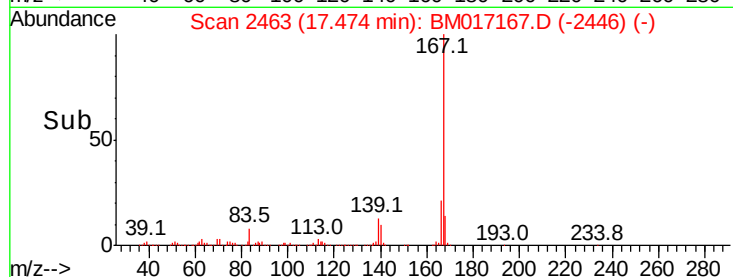
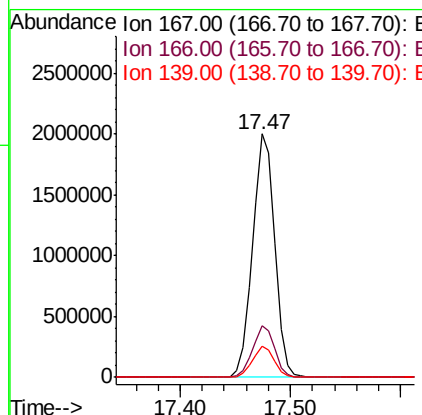
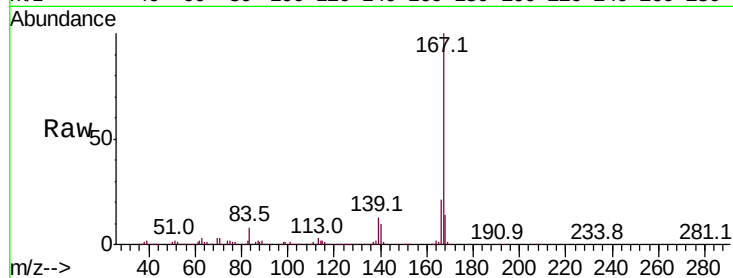
#73
 Carbazole
 Concen: 42.327 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM101718

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.6	10.1	15.1

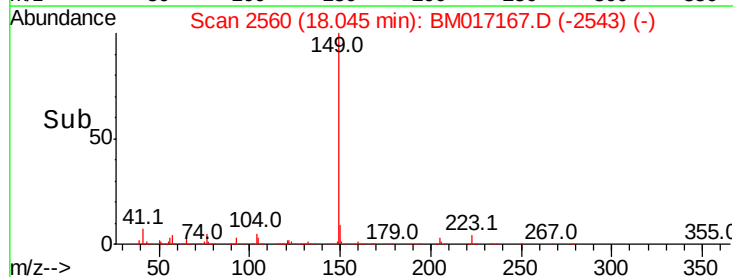
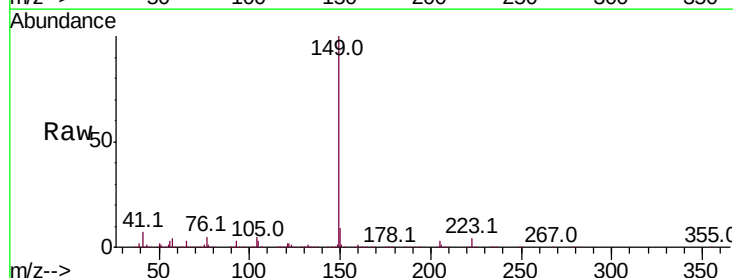
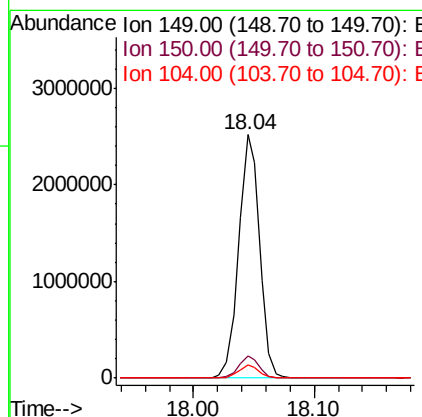
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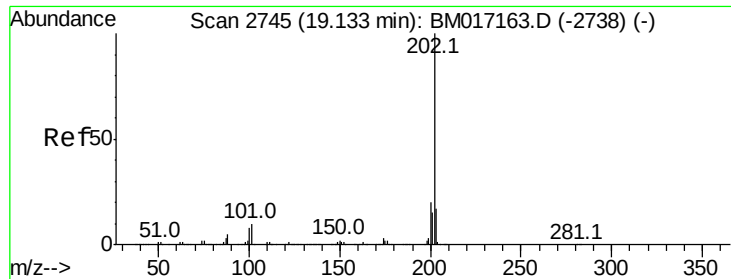
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#74
 Di-n-butylphthalate
 Concen: 43.235 ng
 RT: 18.04 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.3	6.5





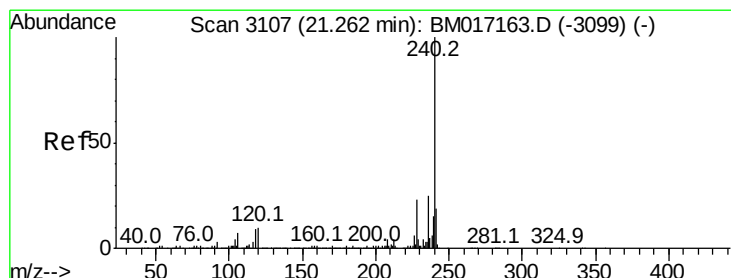
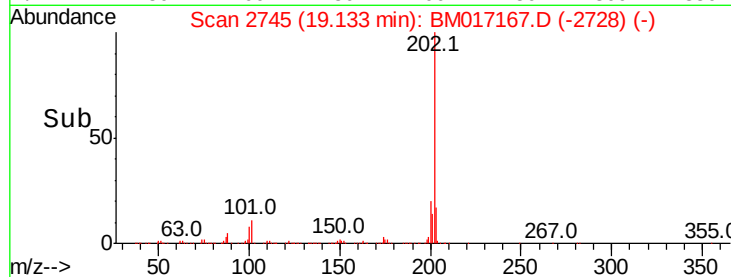
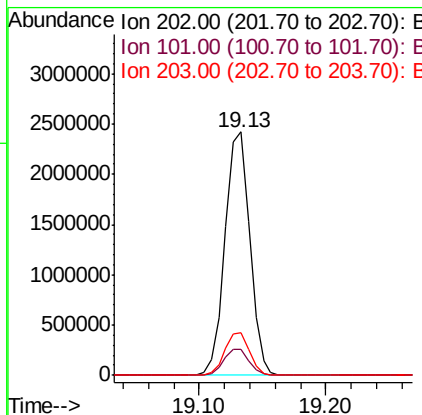
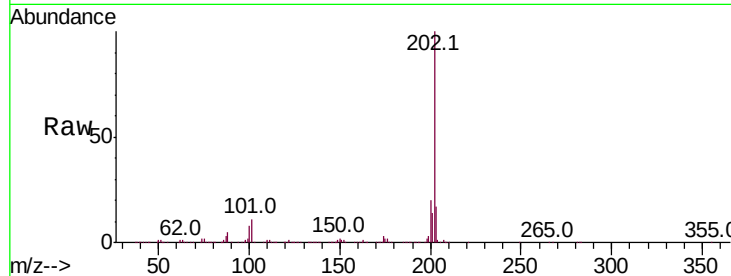
#75
 Fluoranthene
 Concen: 42.575 ng
 RT: 19.13 min Scan# 2745
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM101718

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.0
203	17.4	0.0	37.2

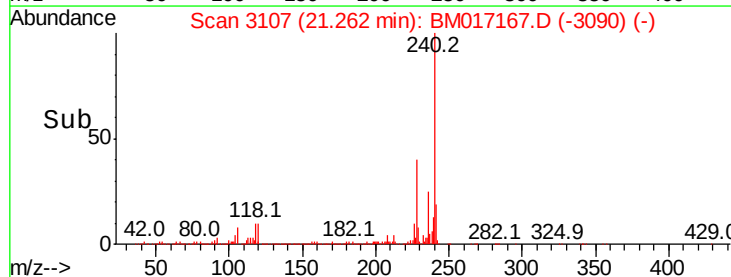
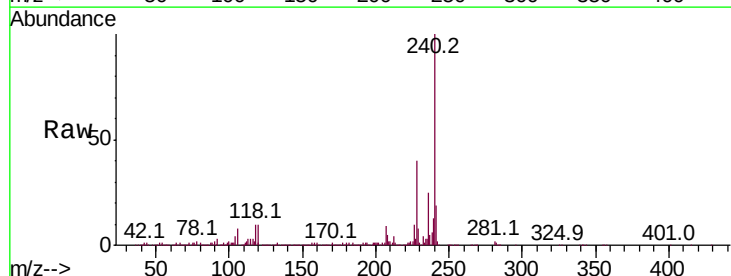
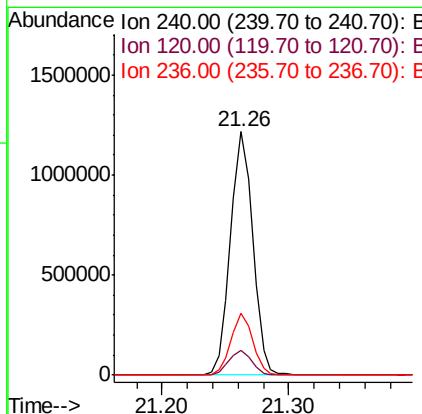
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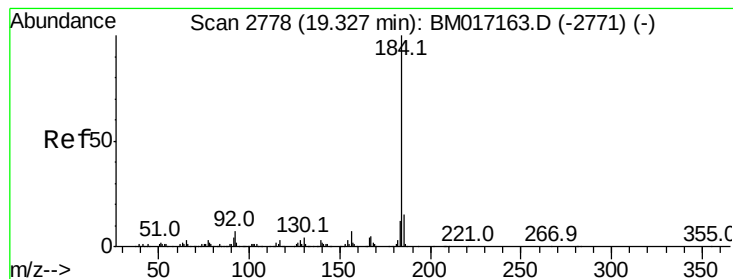
Sohil
 10/18/2018 1:58:32 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	25.2	19.9	29.9





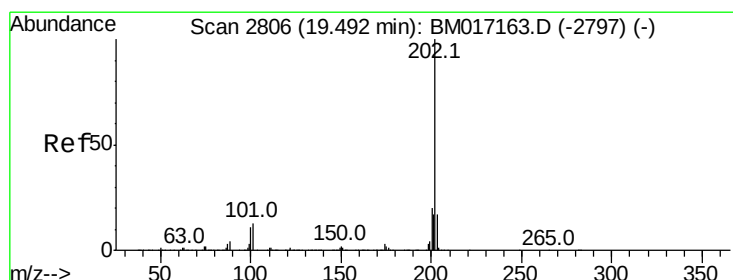
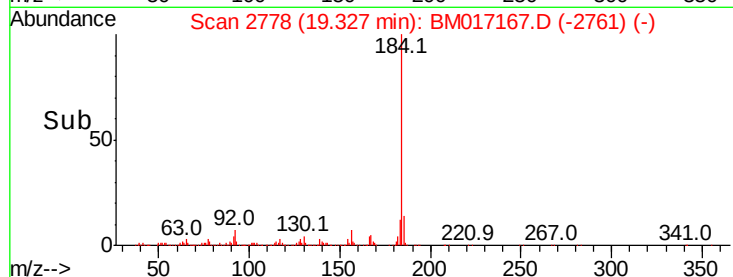
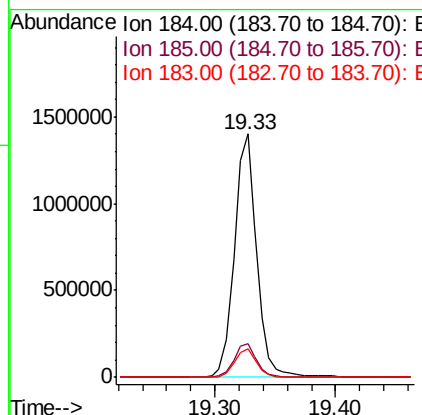
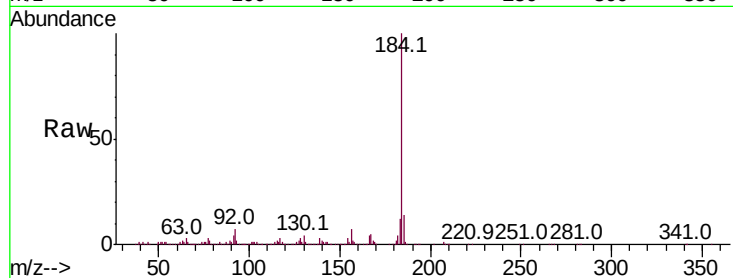
#77
Benzidine
Concen: 47.766 ng
RT: 19.33 min Scan# 2778
Delta R.T. 0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.8	17.8
183	11.7	9.7	14.5

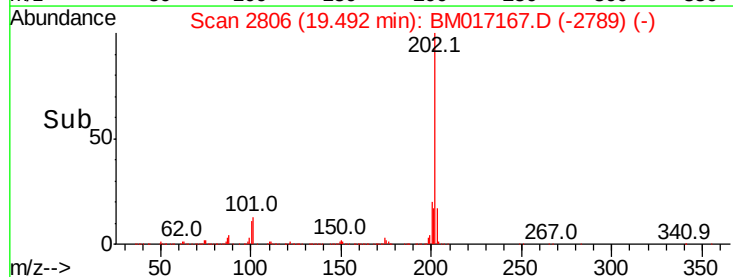
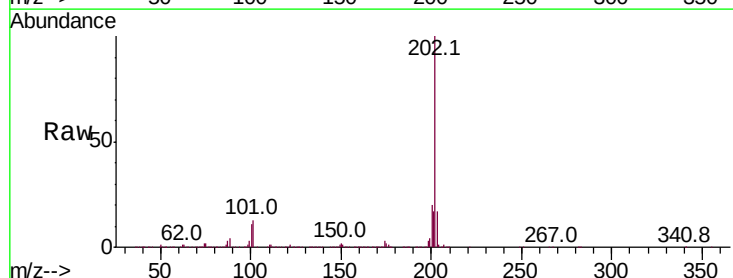
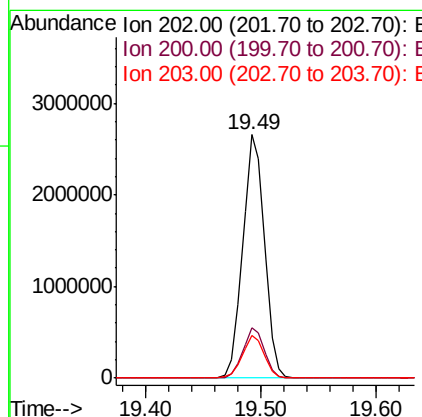
Manual Integrations
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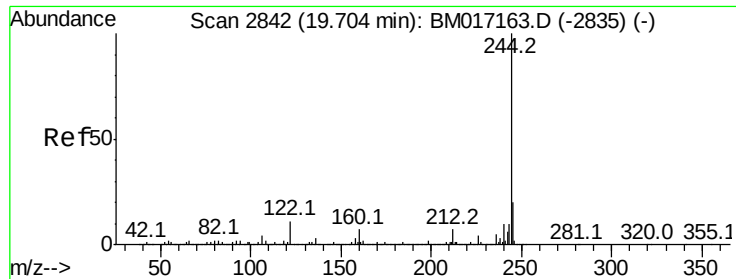
Sohil
10/18/2018 1:58:32 PM



#78
Pyrene
Concen: 41.625 ng
RT: 19.49 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.4	13.9	20.9





#79

Terphenyl-d14

Concen: 81.573 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

ICVBM101718

Tot Ion:244 Resp: 5376504

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

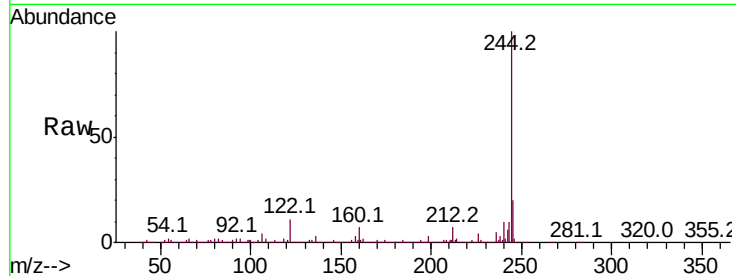
122 11.1 8.4 12.6

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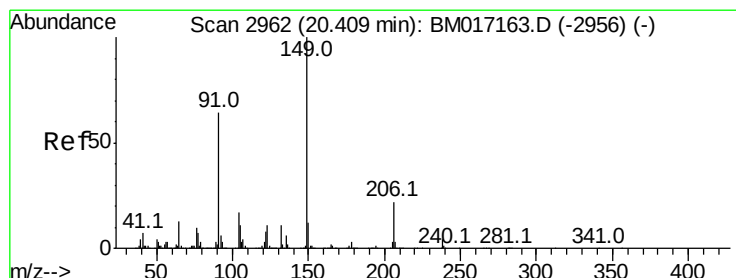
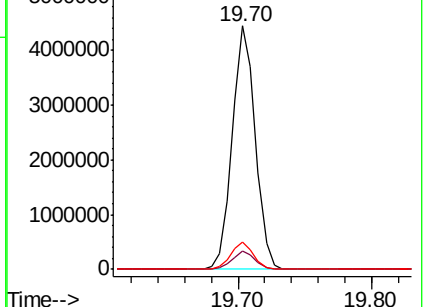
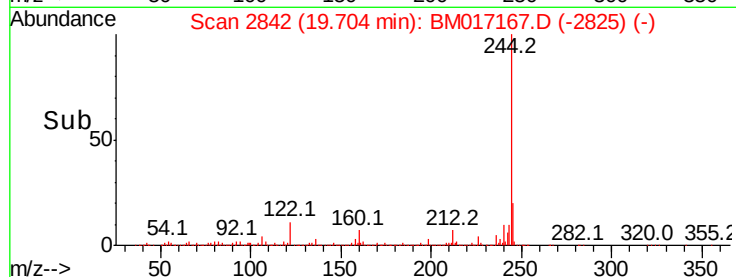
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.757 ng

RT: 20.41 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

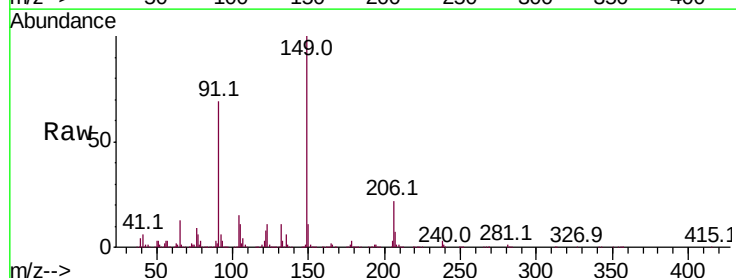
Tgt Ion:149 Resp: 1284681

Ion Ratio Lower Upper

149 100

91 68.6 51.3 76.9

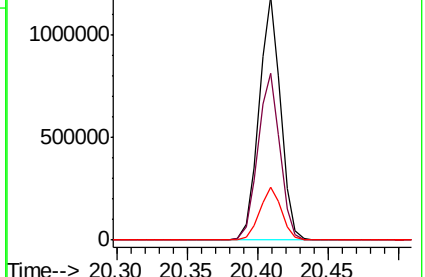
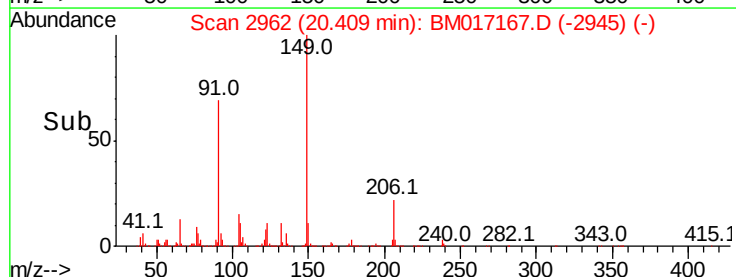
206 21.9 18.0 27.0

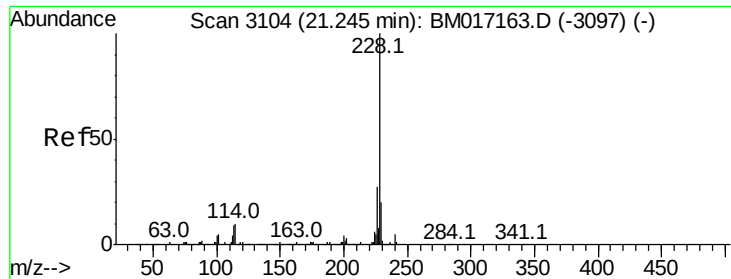


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.752 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

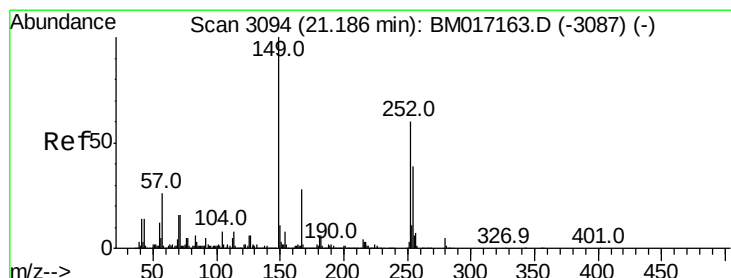
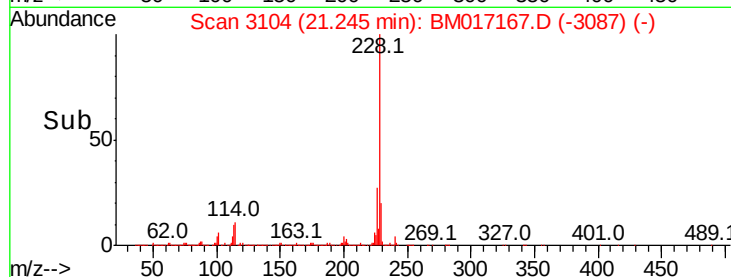
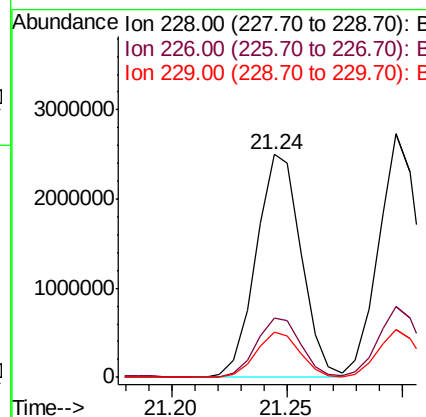
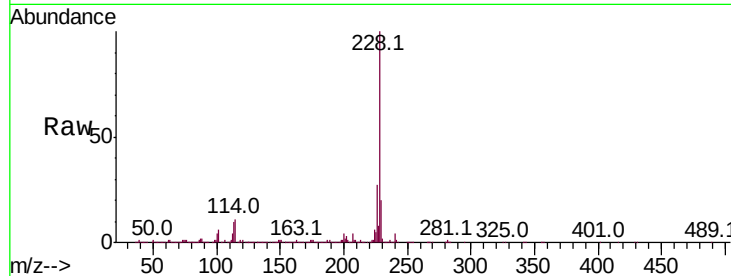
ICVBM101718

Tot Ion:228 Resp: 3406960

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.4	32.0
229	20.1	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 42.598 ng

RT: 21.19 min Scan# 3094

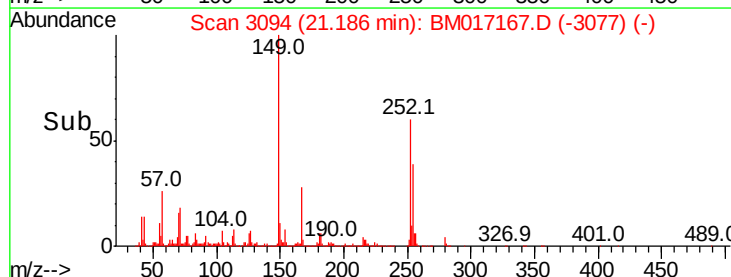
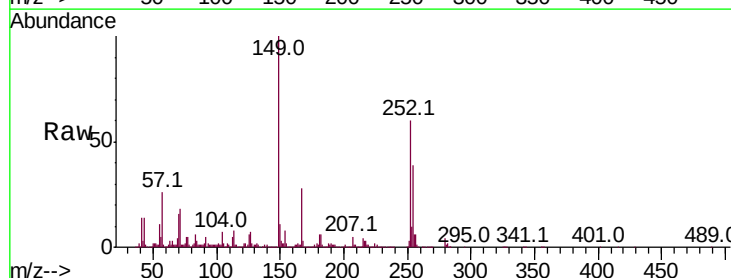
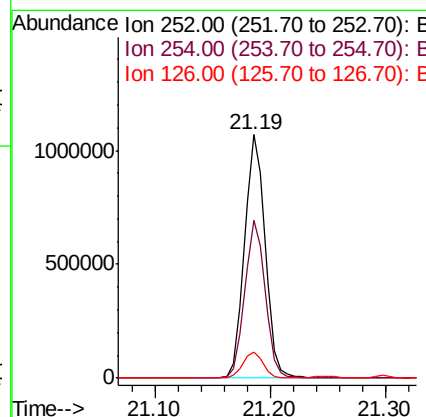
Delta R.T. 0.00 min

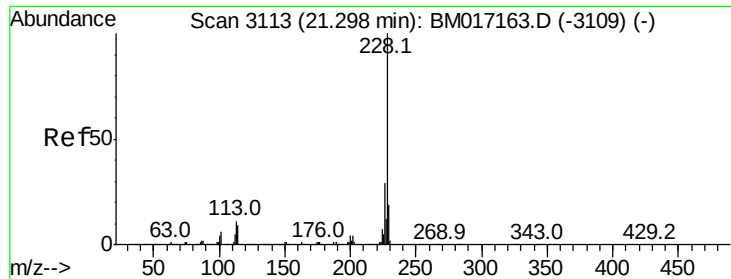
Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:252 Resp: 1327314

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	10.8	8.6	12.8





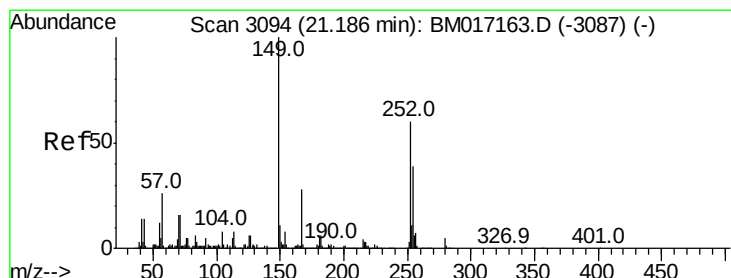
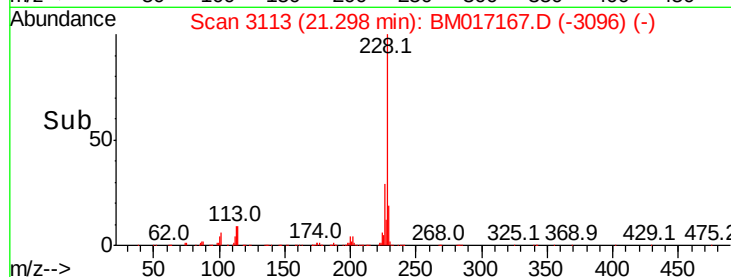
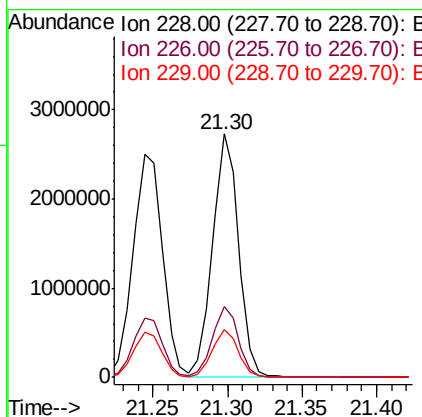
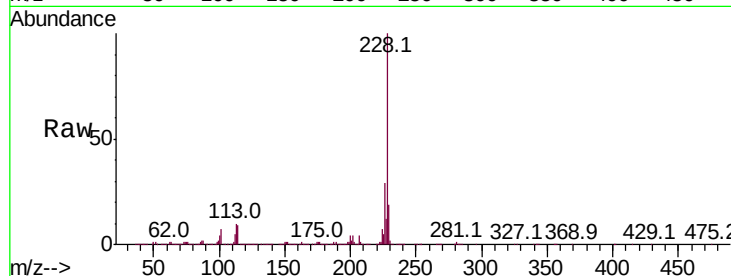
#83
Chrysene
Concen: 40.003 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion:228 Resp: 3310192
Ion Ratio Lower Upper
228 100
226 29.3 23.3 34.9
229 19.4 15.6 23.4

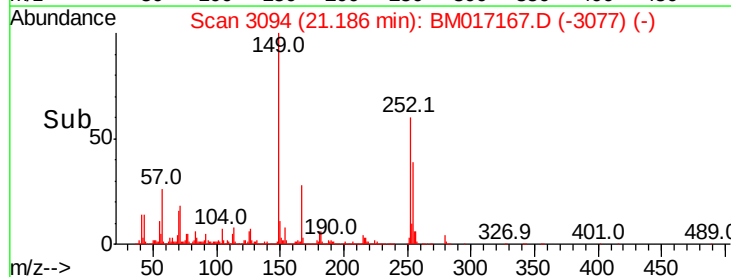
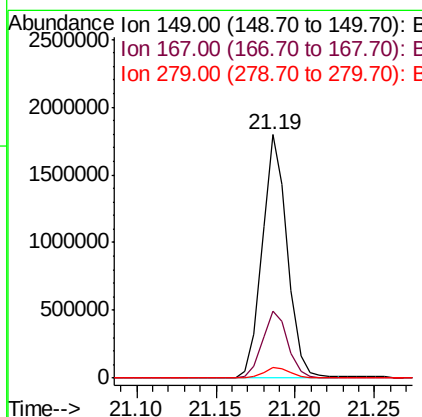
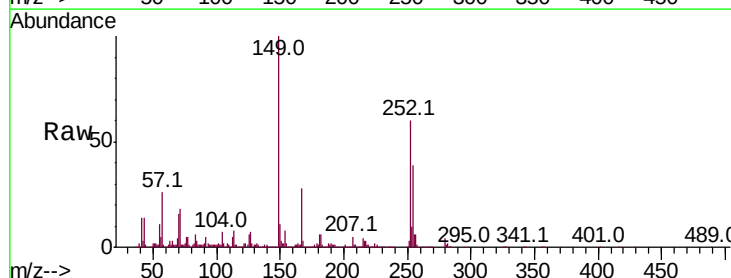
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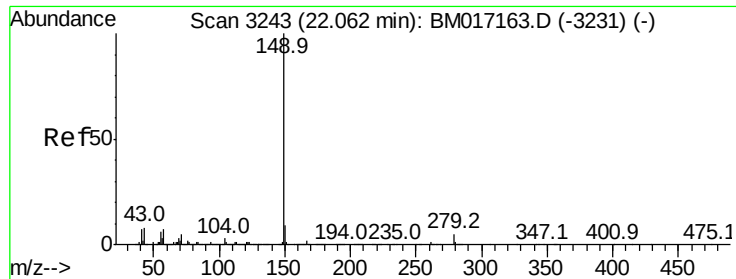
Sohil
10/18/2018 1:58:32 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.717 ng
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion:149 Resp: 1978951
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 41.018 ng

RT: 22.06 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

ICVBM101718

Tot Ion:149 Resp: 3284242

Ion Ratio Lower Upper

149 100

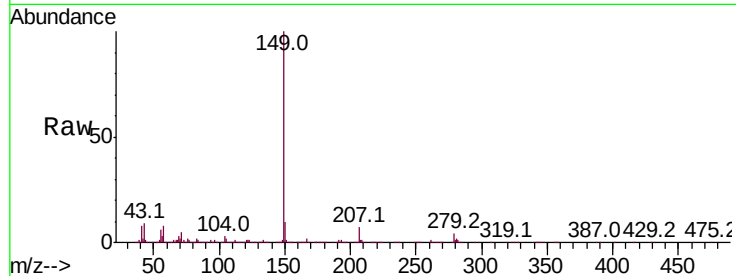
167 1.5 1.4 2.0

43 8.9 7.2 10.8

Manual Integrations
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Sohil

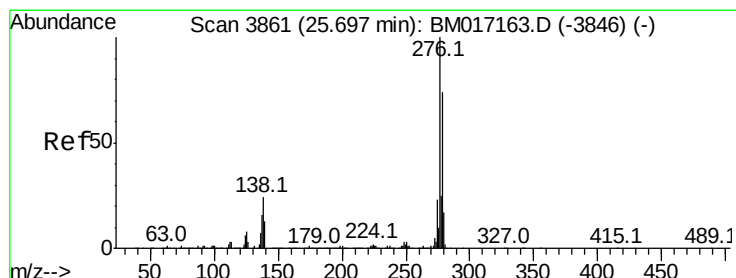
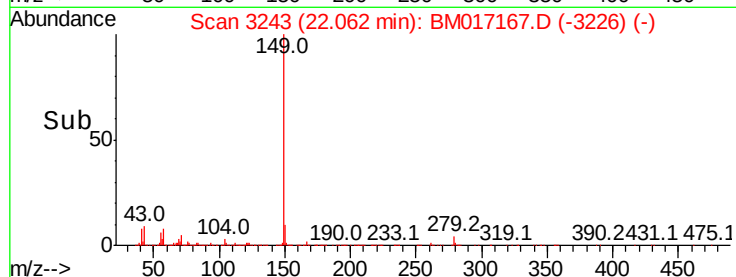
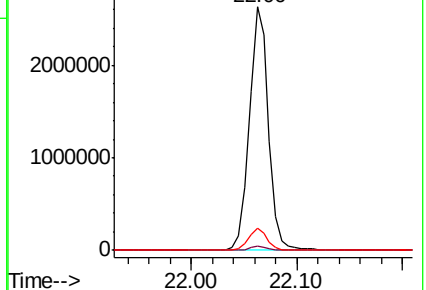
10/18/2018 1:58:32 PM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.496 ng

RT: 25.70 min Scan# 3862

Delta R.T. 0.01 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

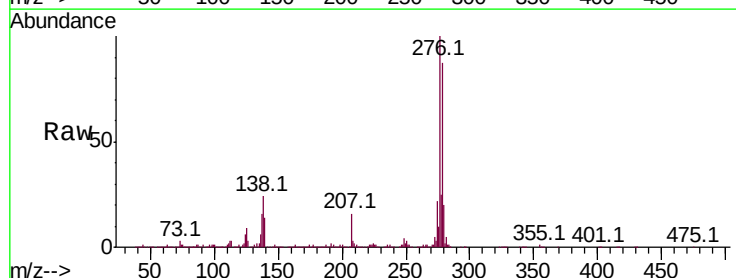
Tgt Ion:276 Resp: 3748062

Ion Ratio Lower Upper

276 100

138 23.7 19.5 29.3

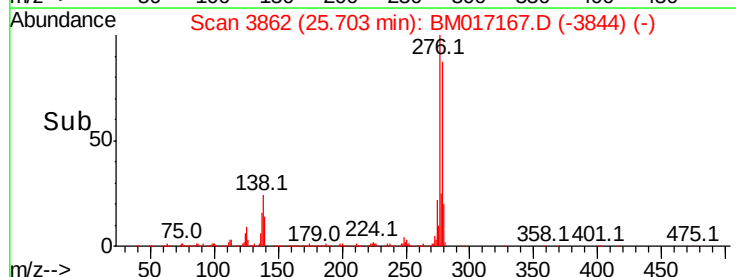
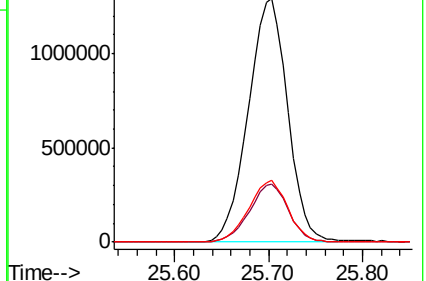
277 25.2 20.1 30.1

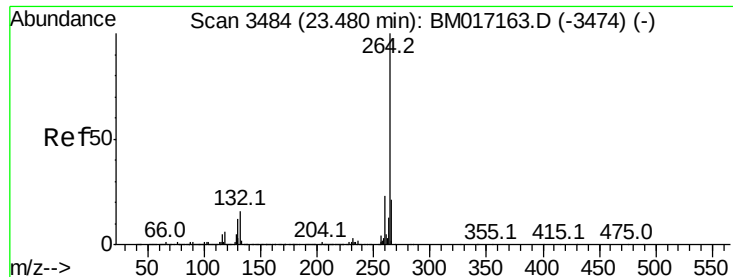


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





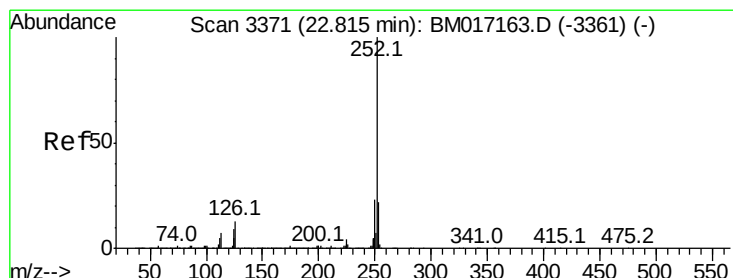
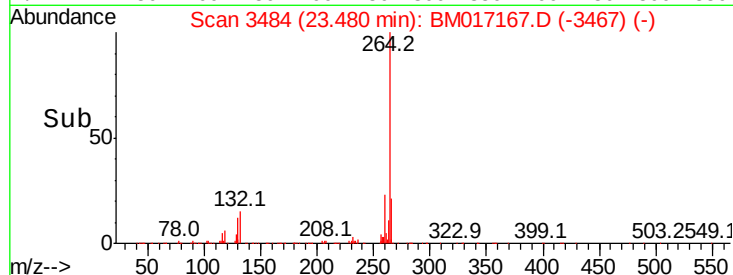
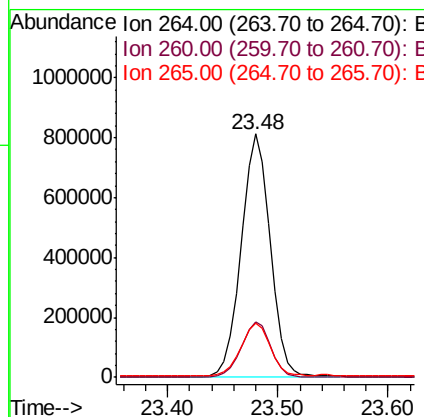
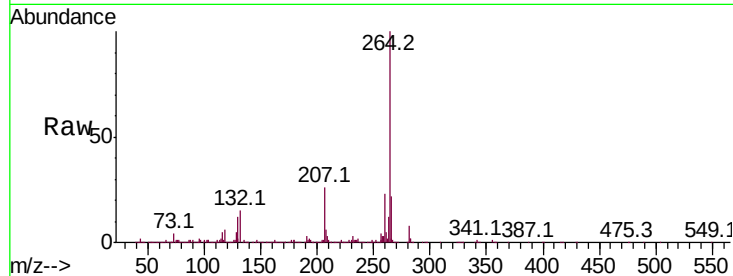
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	22.1	17.8	26.8

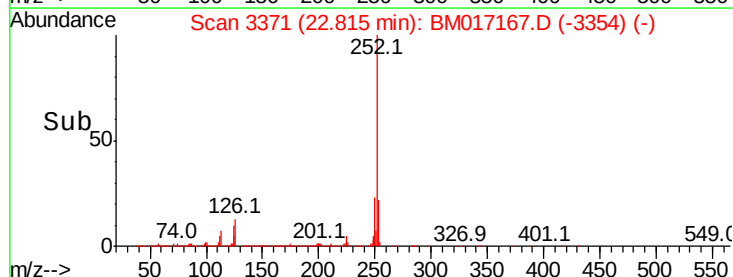
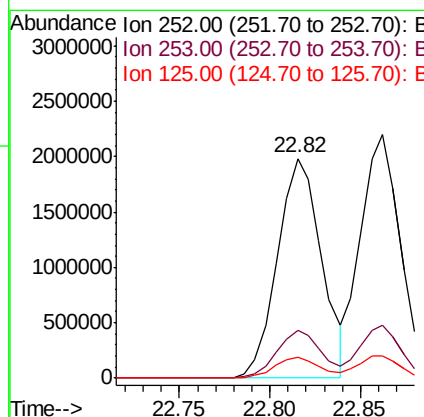
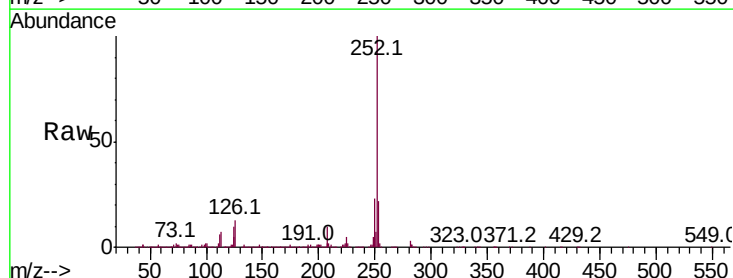
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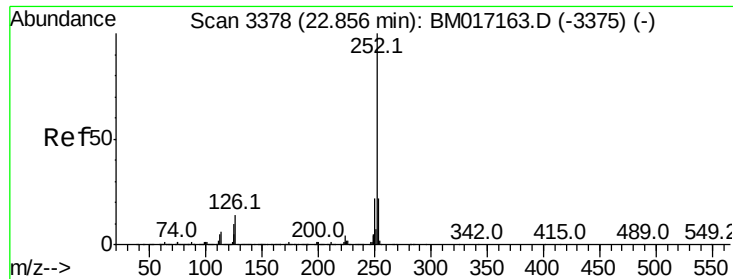
Sohil
10/18/2018 1:58:32 PM



#88
Benzo(b)fluoranthene
Concen: 40.687 ng
RT: 22.82 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.7	7.5	11.3





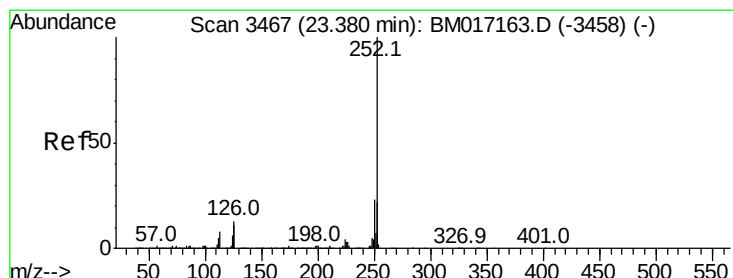
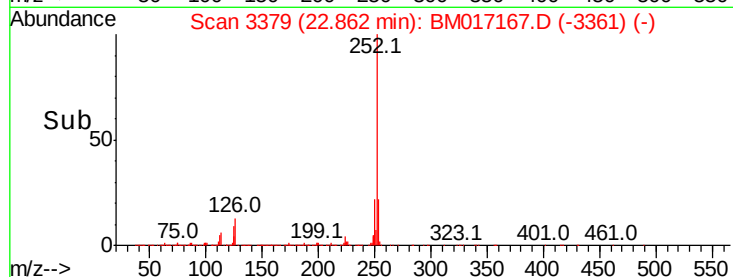
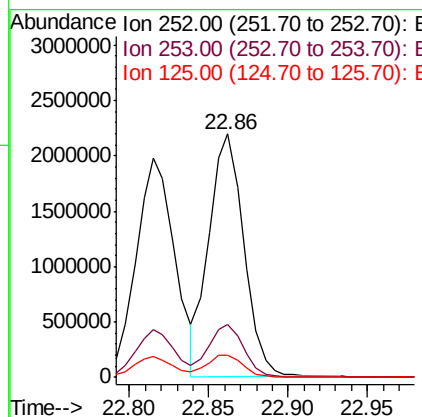
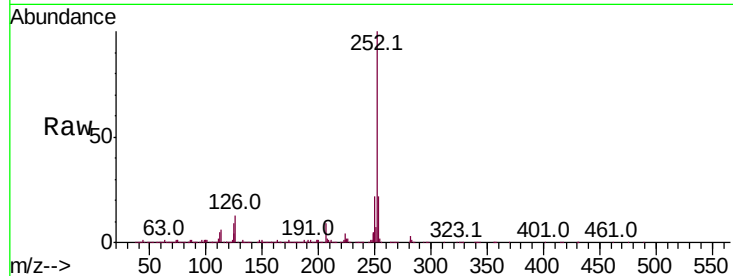
#89
Benzo(k)fluoranthene
Concen: 40.544 ng
RT: 22.86 min Scan# 3379
Delta R.T. 0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.3	8.2	12.2

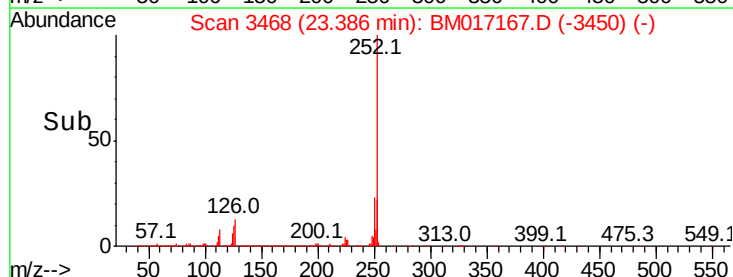
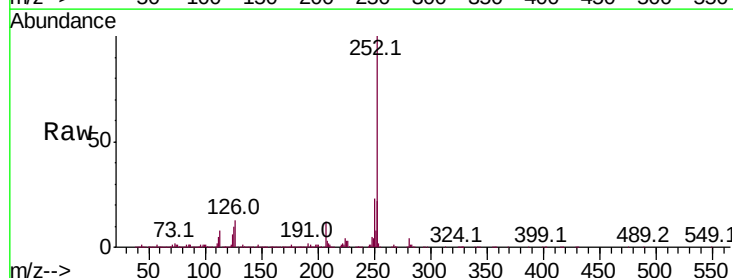
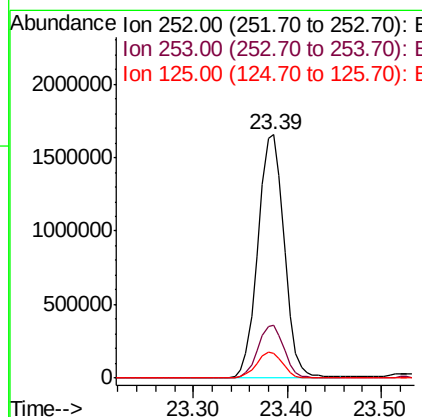
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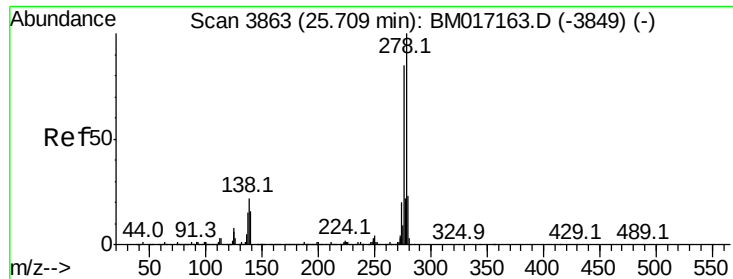
Sohil
10/18/2018 1:58:32 PM



#90
Benzo(a)pyrene
Concen: 40.844 ng
RT: 23.39 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.0	8.6	13.0





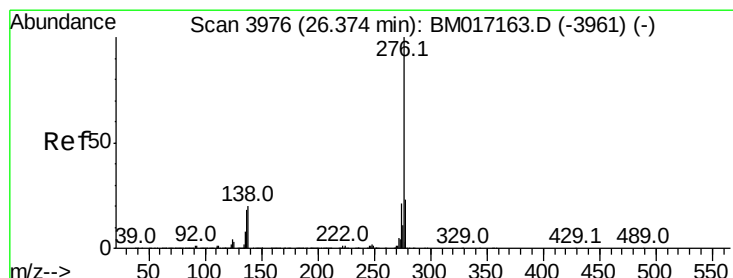
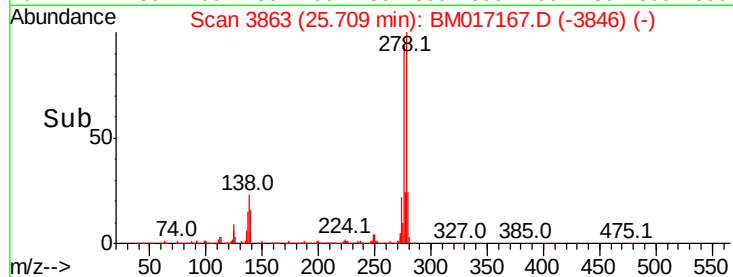
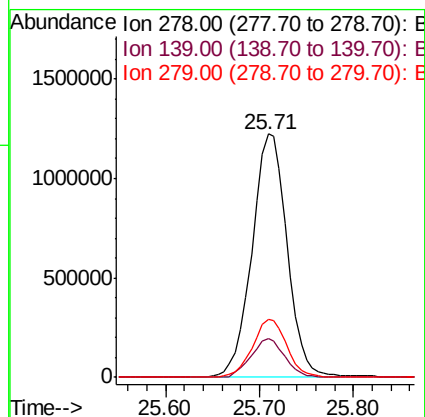
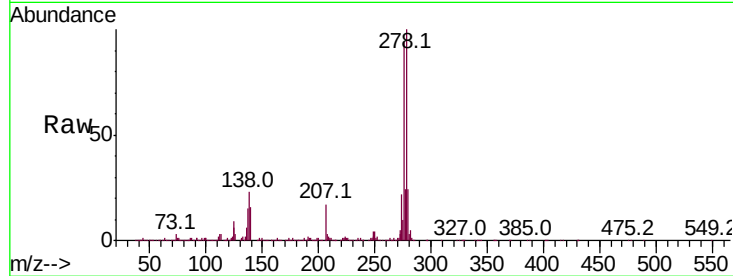
#91
Dibenzo(a,h)anthracene
Concen: 40.623 ng
RT: 25.71 min Scan# 3863
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :
ICVBM101718

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	23.7	18.7	28.1

Manual Integrations
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10/18/2018 1:58:32 PM



#92
Benzo(g,h,i)perylene
Concen: 40.219 ng
RT: 26.38 min Scan# 3977
Delta R.T. 0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	20.2	16.4	24.6

