

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018542.D
 Acq On : 11 Jan 2019 19:45
 Operator : JU/SJ
 Sample : K1113-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCB-COMPOSITEMSD

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:43:07 PM

Quant Time: Jan 12 00:06:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	411213	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1777051	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	1077445	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2603134	20.00	ng	0.00
76) Chrysene-d12	21.35	240	3165316	20.00	ng	0.00
87) Perylene-d12	23.63	264	3639971	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	2346016	105.34	ng	0.00
7) Phenol-d6	6.93	99	3127478	110.57	ng	0.00
23) Nitrobenzene-d5	8.92	82	1863664	60.80	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1454660	106.03	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	4816717	58.33	ng	0.00
79) Terphenyl-d14	19.79	244	8534168	56.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	202438	22.303	ng	95
3) Pyridine	3.68	79	579814	25.622	ng	96
4) n-Nitrosodimethylamine	3.60	42	310332	33.164	ng	# 95
6) Aniline	7.09	93	519491	16.464	ng	99
8) 2-Chlorophenol	7.32	128	903435	34.735	ng	95
9) Benzaldehyde	6.91	77	266379	13.689	ng	94
10) Phenol	6.96	94	1081225	37.617	ng	97
11) bis(2-Chloroethyl)ether	7.19	93	689963	30.550	ng	95
12) 1,3-Dichlorobenzene	7.64	146	903330	29.163	ng	99
13) 1,4-Dichlorobenzene	7.79	146	927169	29.533	ng	99
14) 1,2-Dichlorobenzene	8.10	146	900520	30.250	ng	99
15) Benzyl Alcohol	8.00	79	725084	35.492	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	864933	29.968	ng	96
17) 2-Methylphenol	8.20	107	717896	36.796	ng	99
18) Hexachloroethane	8.82	117	327277	29.237	ng	93
19) n-Nitroso-di-n-propylamine	8.56	70	586696	31.873	ng	92
20) 3+4-Methylphenols	8.53	107	991653	36.818	ng	99
22) Acetophenone	8.58	105	1216033	27.662	ng	# 98
24) Nitrobenzene	8.96	77	891454	29.556	ng	98
25) Isophorone	9.48	82	1626398	35.037	ng	97
26) 2-Nitrophenol	9.67	139	496959	34.075	ng	95
27) 2,4-Dimethylphenol	9.73	122	823182	37.657	ng	99
28) bis(2-Chloroethoxy)methane	9.97	93	989891	30.869	ng	98
29) 2,4-Dichlorophenol	10.20	162	892171	34.275	ng	99
30) 1,2,4-Trichlorobenzene	10.41	180	917516	28.398	ng	99
31) Naphthalene	10.60	128	2691046	31.444	ng	99
32) Benzoic acid	9.80	122	79689m	11.183	ng	
33) 4-Chloroaniline	10.72	127	440968	13.083	ng	98
34) Hexachlorobutadiene	10.86	225	546705	26.784	ng	99
35) Caprolactam	11.52	113	289204m	32.679	ng	
36) 4-Chloro-3-methylphenol	11.85	107	953231	34.906	ng	98
37) 2-Methylnaphthalene	12.21	142	2026304	33.511	ng	99
38) 1-Methylnaphthalene	12.43	142	1947955	33.294	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	1051201	27.900	ng	99

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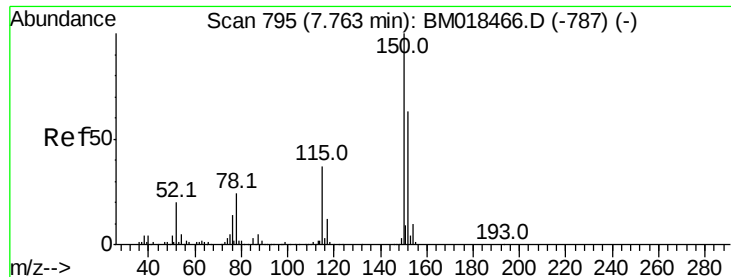
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	1074357	51.955	ng	100
43) 2,4,6-Trichlorophenol	12.83	196	755102	33.002	ng	99
44) 2,4,5-Trichlorophenol	12.90	196	827756	34.399	ng	98
46) 1,1'-Biphenyl	13.23	154	2636234	28.022	ng	98
47) 2-Chloronaphthalene	13.27	162	2052572	28.136	ng	99
48) 2-Nitroaniline	13.49	65	582094	32.432	ng	92
49) Acenaphthylene	14.13	152	3412124	32.094	ng	99
50) Dimethylphthalate	13.87	163	3610939	40.807	ng	99
51) 2,6-Dinitrotoluene	13.99	165	609960	32.542	ng	92
52) Acenaphthene	14.47	154	1949811	29.974	ng	98
53) 3-Nitroaniline	14.33	138	398375	21.082	ng	95
54) 2,4-Dinitrophenol	14.53	184	558393	57.279	ng	95
55) Dibenzofuran	14.80	168	3197221	29.747	ng	98
56) 4-Nitrophenol	14.64	139	1178562	72.194	ng	95
57) 2,4-Dinitrotoluene	14.78	165	883081	33.298	ng	96
58) Fluorene	15.46	166	2640928	32.984	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	759430	35.605	ng	98
60) Diethylphthalate	15.23	149	2811358	31.472	ng	99
61) 4-Chlorophenyl-phenylether	15.45	204	1337472	28.983	ng	97
62) 4-Nitroaniline	15.49	138	684700	33.219	ng	97
63) Azobenzene	15.74	77	2203141	30.250	ng	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	485653	31.374	ng	88
66) n-Nitrosodiphenylamine	15.67	169	2344872	29.039	ng	99
67) 4-Bromophenyl-phenylether	16.34	248	826458	28.371	ng	99
68) Hexachlorobenzene	16.45	284	929350	28.498	ng	98
69) Atrazine	16.62	200	910292	31.183	ng	99
70) Pentachlorophenol	16.80	266	1227771	57.486	ng	99
71) Phenanthrene	17.20	178	4360213	31.491	ng	99
72) Anthracene	17.29	178	4432937	33.294	ng	100
73) Carbazole	17.56	167	4215800	30.819	ng	100
74) Di-n-butylphthalate	18.12	149	5007097	33.417	ng	99
75) Fluoranthene	19.22	202	5447526	34.125	ng	98
77) Benzidine	19.41	184	2507992	32.089	ng	100
78) Pyrene	19.58	202	5608418	29.892	ng	100
80) Butylbenzylphthalate	20.48	149	2583789	32.273	ng	98
81) Benzo(a)anthracene	21.33	228	5972566	32.029	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	1321896	18.747	ng	99
83) Chrysene	21.39	228	5627954	31.254	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	3728713	32.253	ng	99
85) Di-n-octyl phthalate	22.14	149	6716470	34.542	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.96	276	8050645	38.772	ng	96
88) Benzo(b)fluoranthene	22.94	252	6556660	31.728	ng	98
89) Benzo(k)fluoranthene	22.99	252	6089328	29.239	ng	98
90) Benzo(a)pyrene	23.53	252	6390418	32.301	ng	98
91) Dibenzo(a,h)anthracene	25.97	278	6758048	33.713	ng	98
92) Benzo(g,h,i)perylene	26.67	276	6623766	33.956	ng	97

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



#1

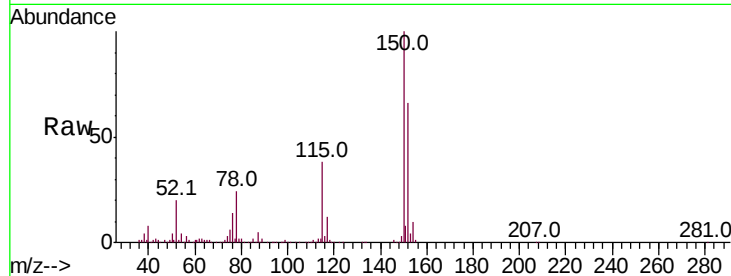
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.9	190.3
115	57.4	45.5	68.3

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Abundance

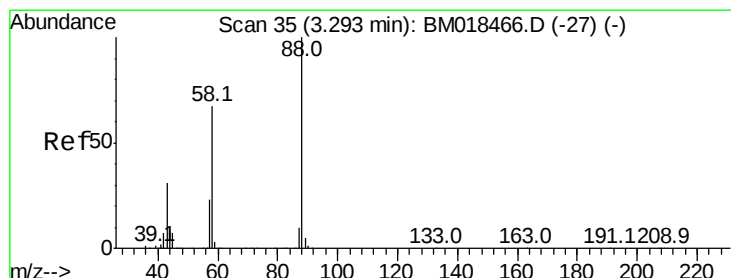
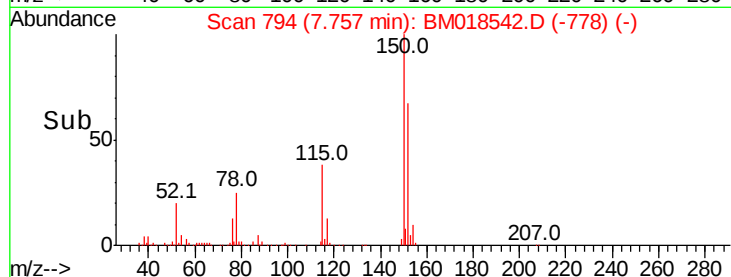
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.76

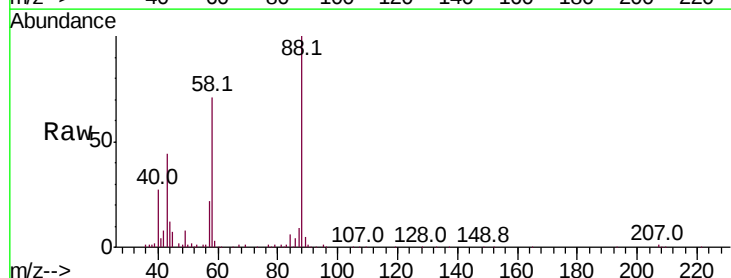
Time-->



#2

1,4-Dioxane
Concen: 22.303 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	58.4	87.6
43	32.3	26.2	39.4



Abundance

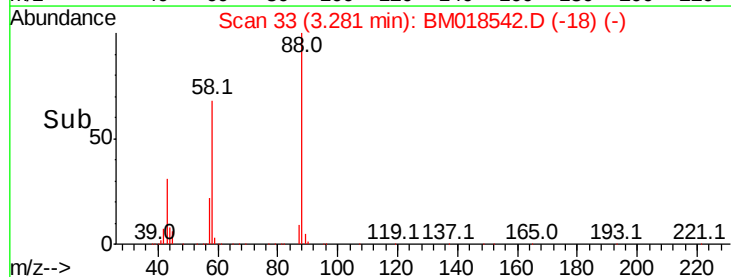
Ion 88.00 (87.70 to 88.70): BM0

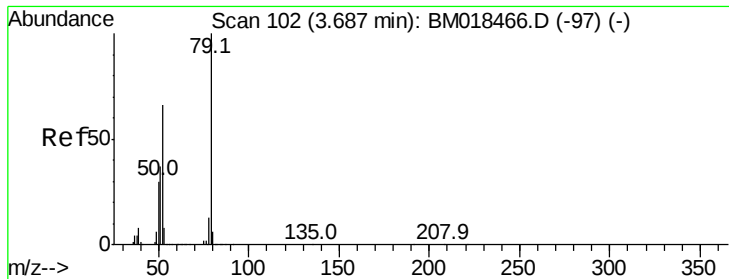
Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

3.28

Time-->





#3

Pvridine

Concen: 25.622 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

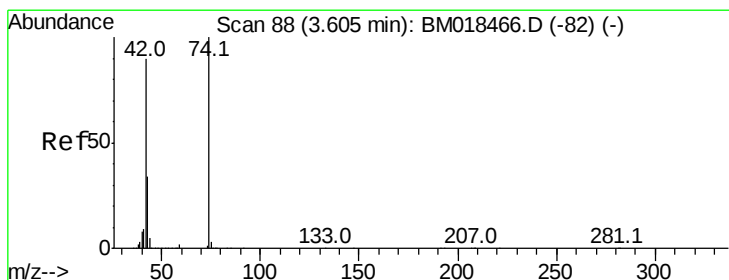
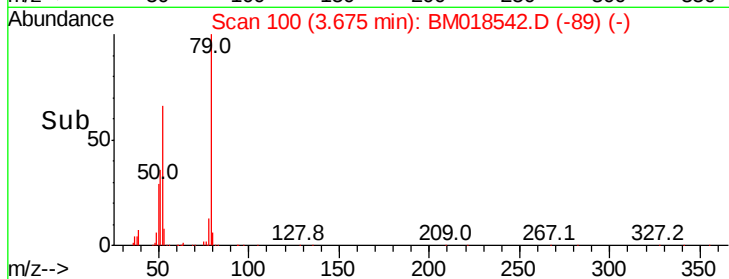
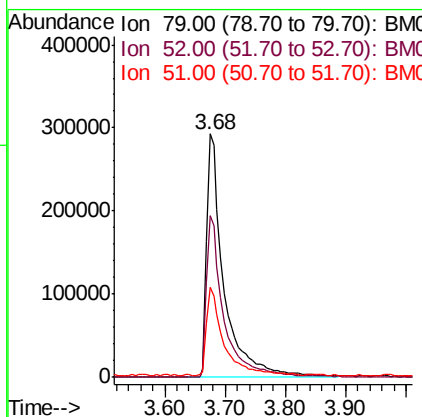
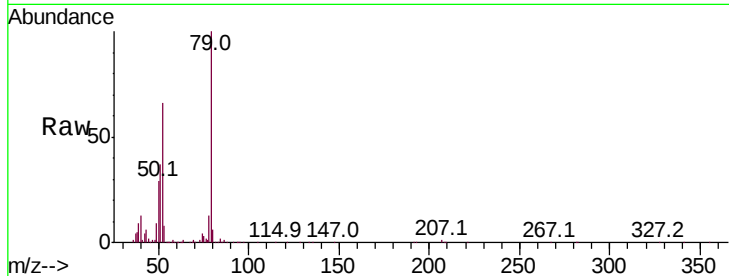
ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:	79	Resp:	579814
Ion Ratio	Lower	Upper	
79	100		
52	66.2	56.4	84.6
51	37.2	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 33.164 ng

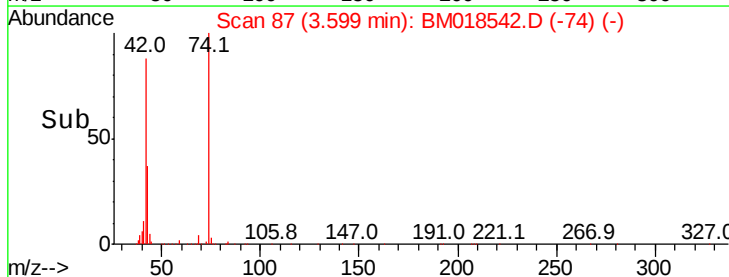
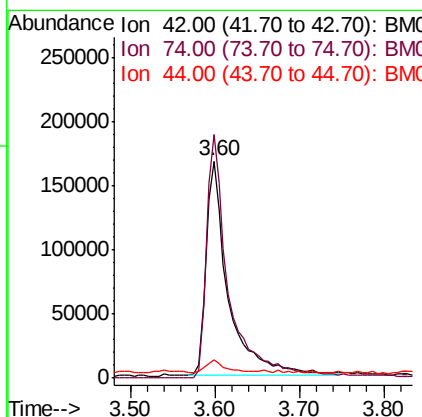
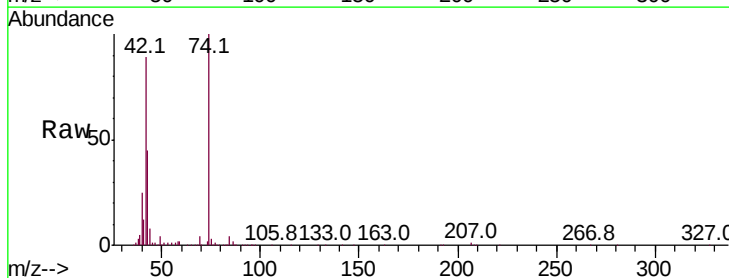
RT: 3.60 min Scan# 87

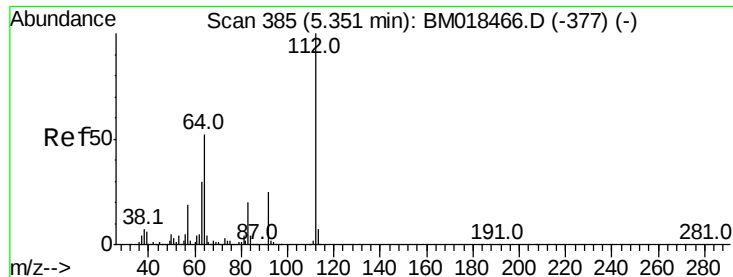
Delta R.T. -0.02 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Tgt Ion:	42	Resp:	310332
Ion Ratio	Lower	Upper	
42	100		
74	112.2	88.6	132.8
44	8.6	16.9	25.3





#5

2-Fluorophenol

Concen: 105.344 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:112 Resp: 2346016

Ion Ratio Lower Upper

112 100

64 52.2 46.5 69.7

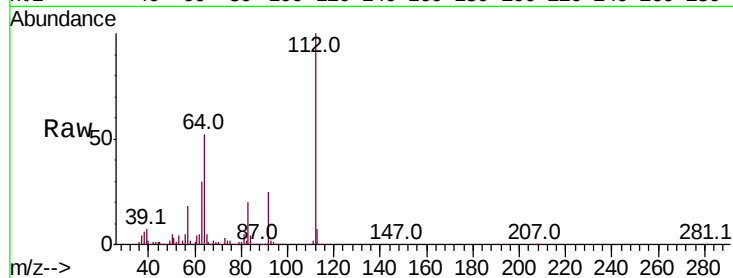
63 29.6 25.2 37.8

Manual Integrations

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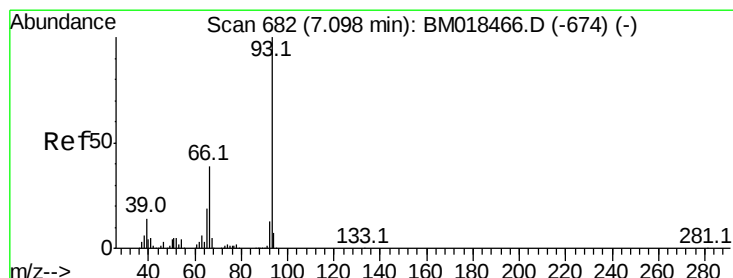
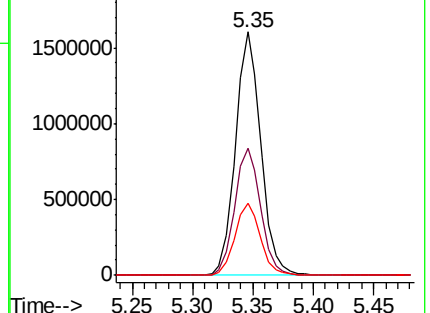
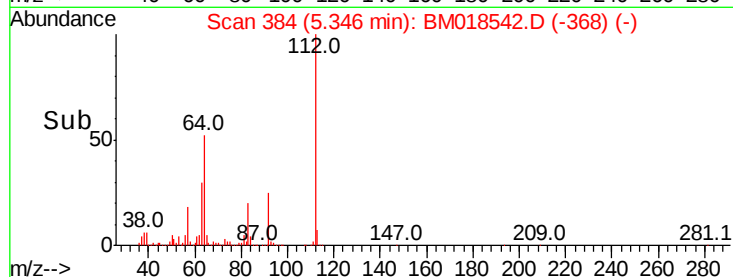
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 16.464 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

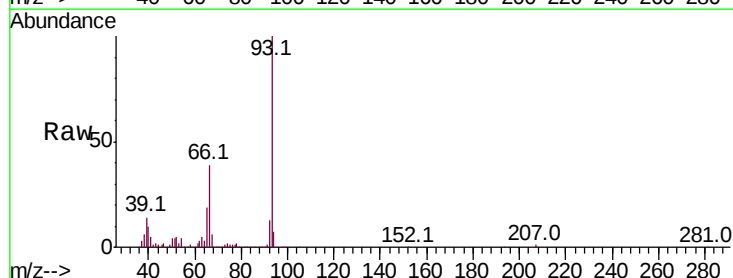
Tgt Ion: 93 Resp: 519491

Ion Ratio Lower Upper

93 100

66 39.2 31.7 47.5

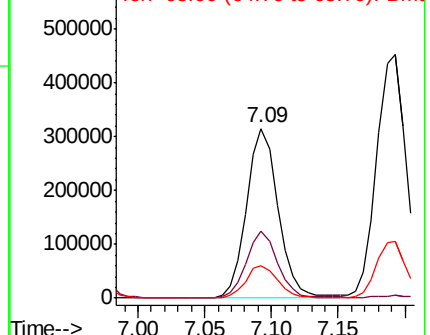
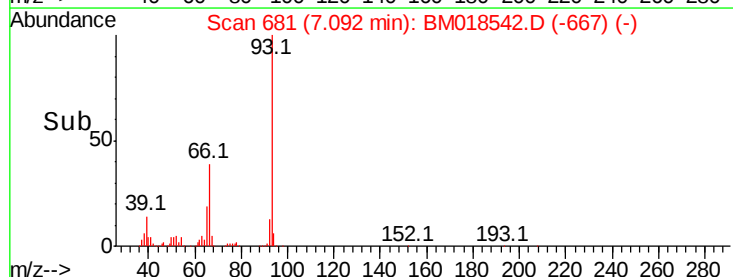
65 19.5 15.9 23.9

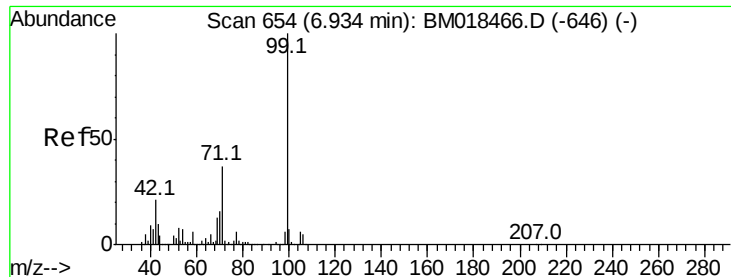


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 110.568 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

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ClientSampleId :

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Tot Ion: 99 Resp: 3127478

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

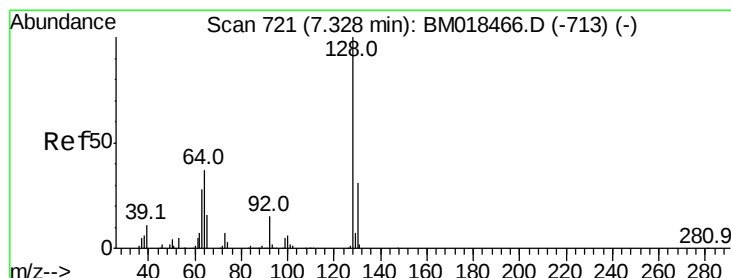
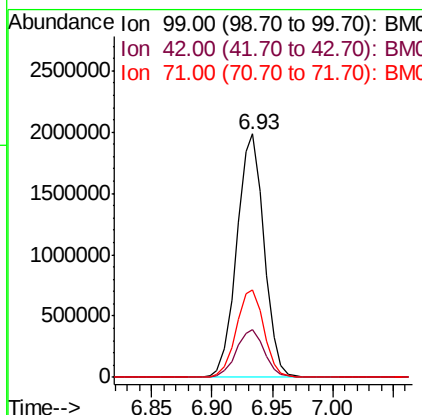
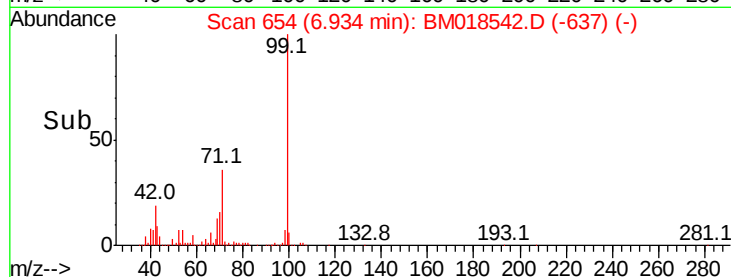
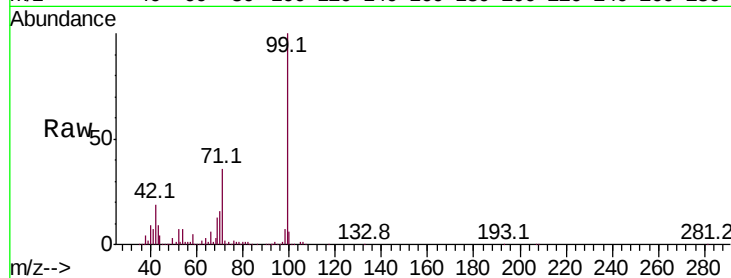
71 35.9 28.0 42.0

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#8

2-Chlorophenol

Concen: 34.735 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

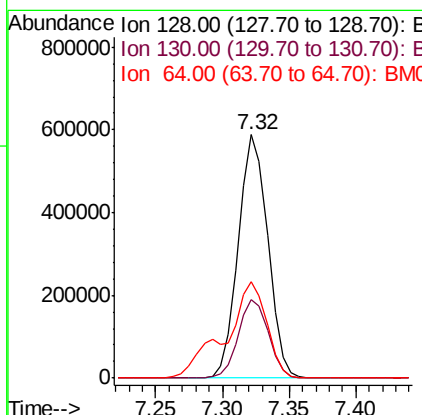
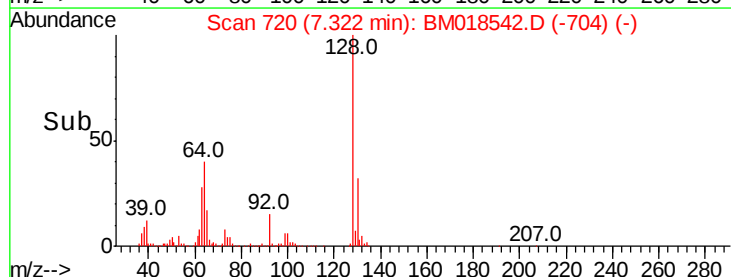
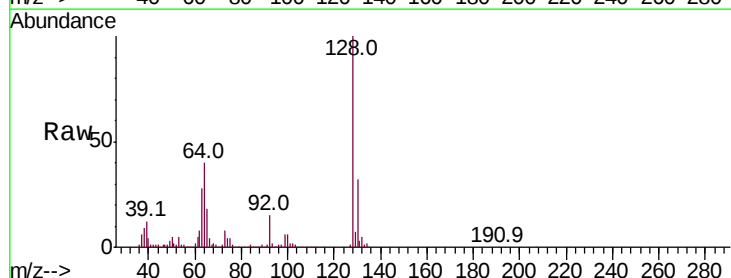
Tgt Ion: 128 Resp: 903435

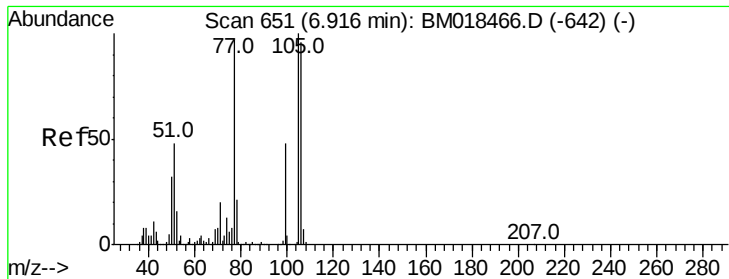
Ion Ratio Lower Upper

128 100

130 32.2 13.6 53.6

64 39.7 24.8 64.8





#9

Benzaldehyde

Concen: 13.689 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion: 77 Resp: 266379

Ion Ratio Lower Upper

77 100

105 106.1 79.7 119.7

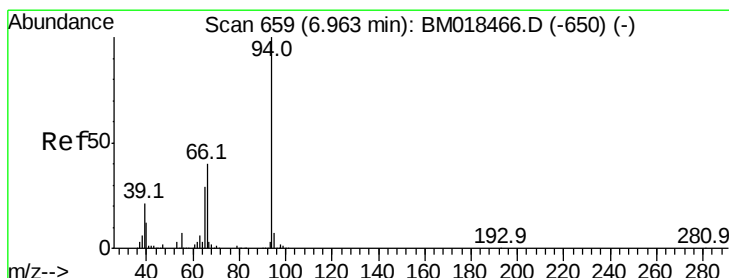
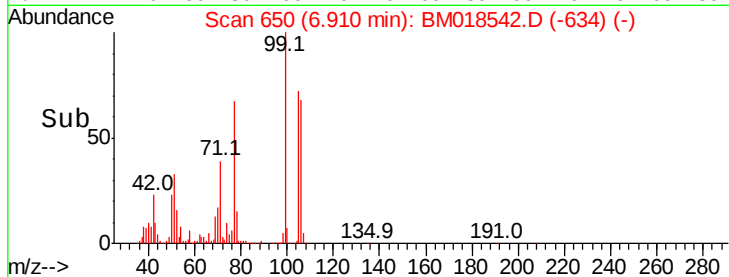
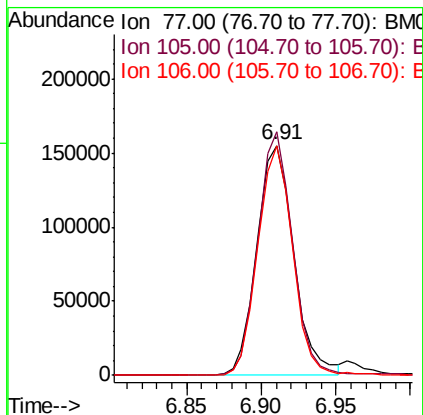
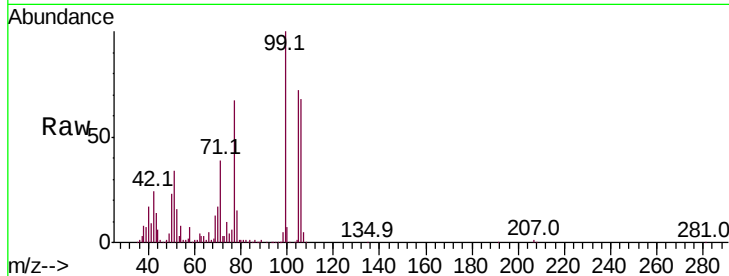
106 100.2 75.2 115.2

Manual Integrations

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#10

Phenol

Concen: 37.617 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

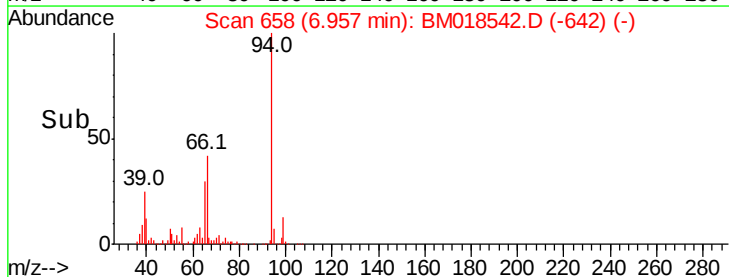
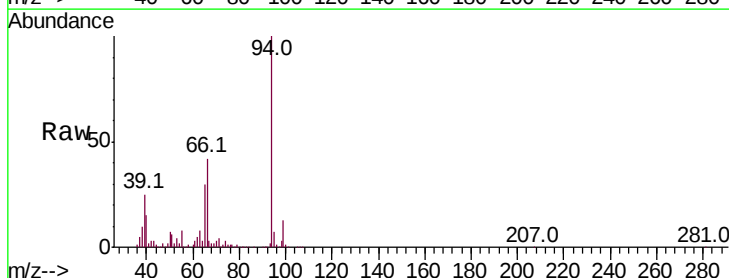
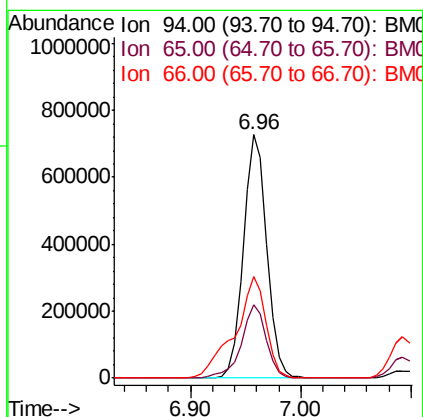
Tgt Ion: 94 Resp: 1081225

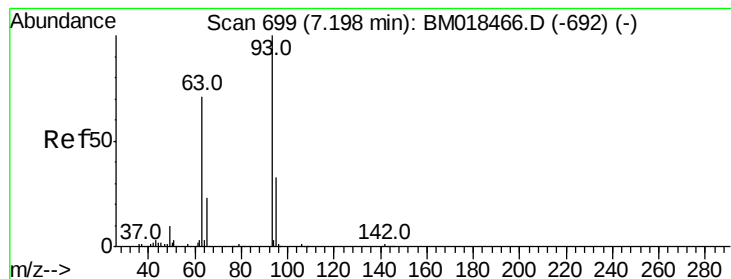
Ion Ratio Lower Upper

94 100

65 29.9 9.4 49.4

66 41.7 19.1 59.1





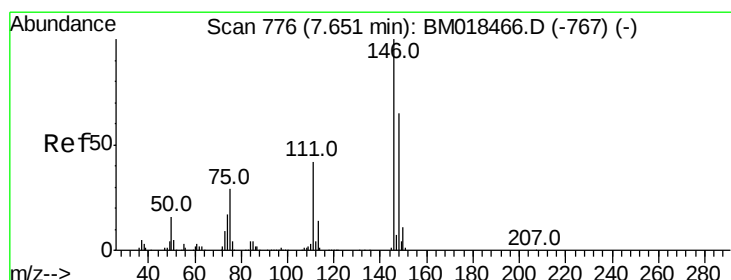
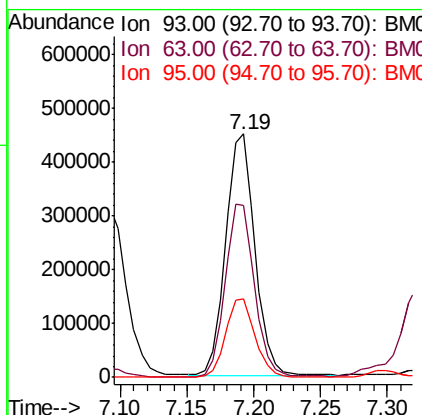
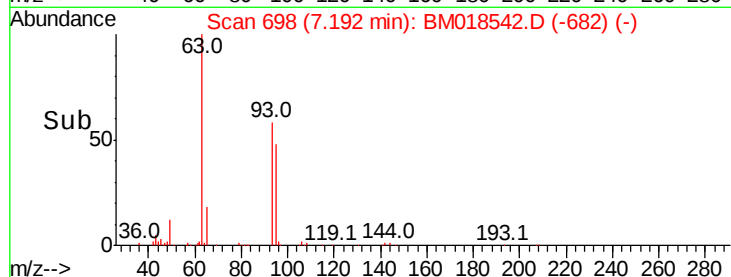
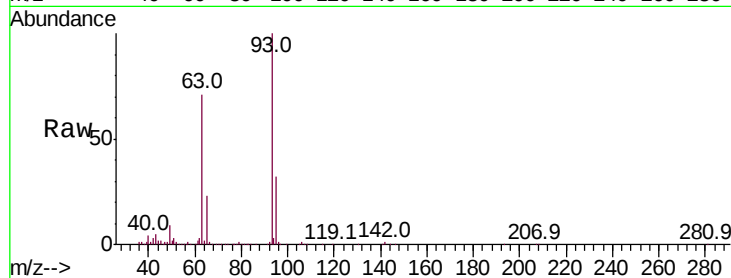
#11
bis(2-Chloroethyl)ether
Concen: 30.550 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.8	56.4	96.4
95	32.4	12.7	52.7

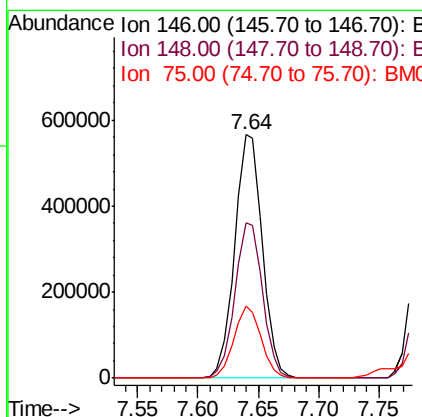
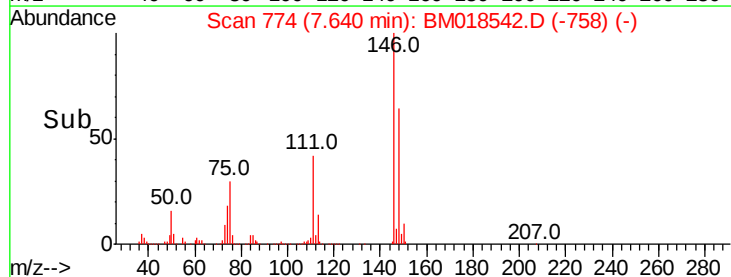
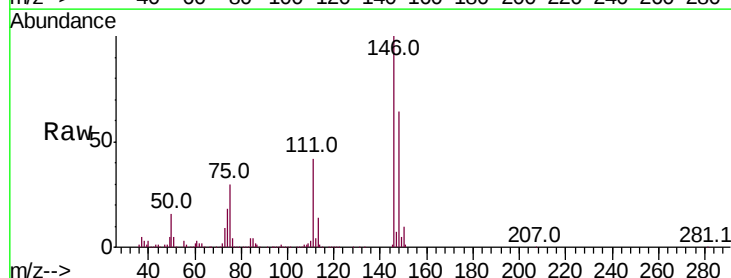
Manual Integrations
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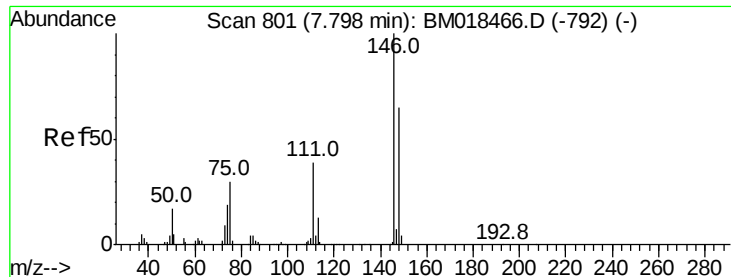
Sohil
1/14/2019 4:43:07 PM



#12
1,3-Dichlorobenzene
Concen: 29.163 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
75	29.6	23.0	34.6





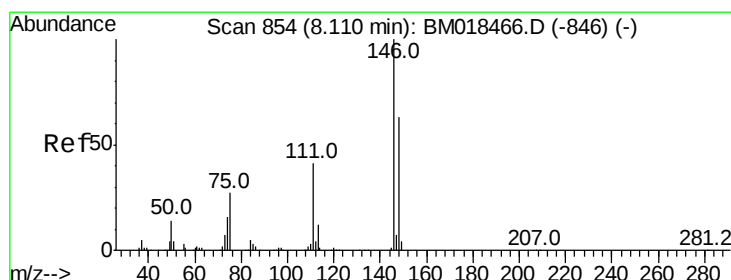
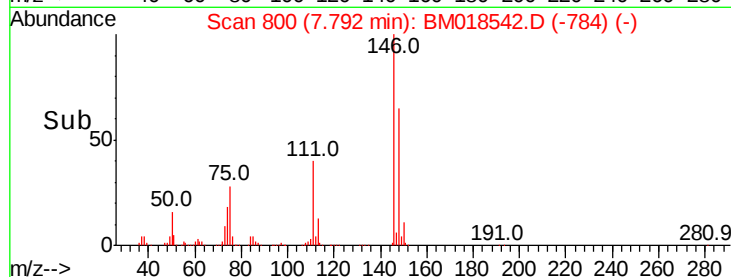
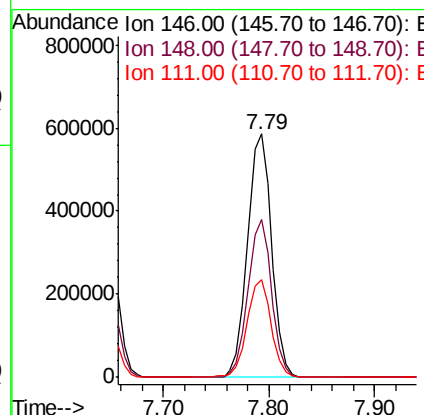
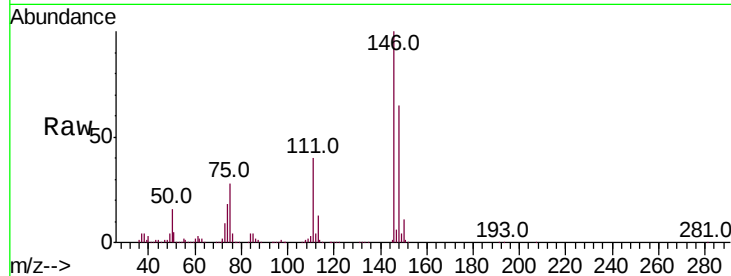
#13
 1,4-Dichlorobenzene
 Concen: 29.533 ng
 RT: 7.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM018542.D
 Acq: 11 Jan 2019 19:45

Instrument :
 BNA_M
 ClientSampleId :
 BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	40.1	32.2	48.2

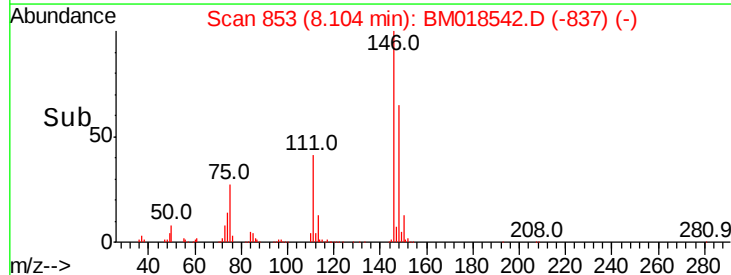
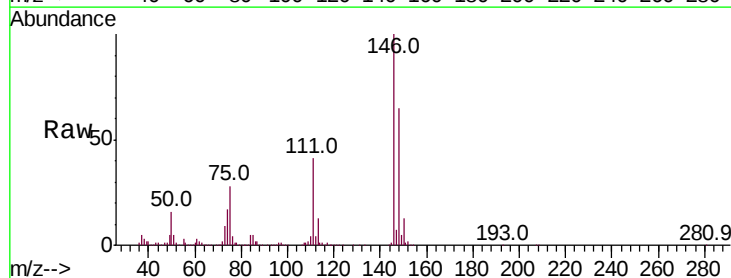
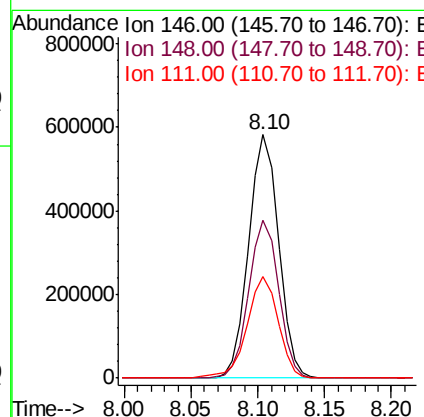
Manual Integrations
 APPROVED

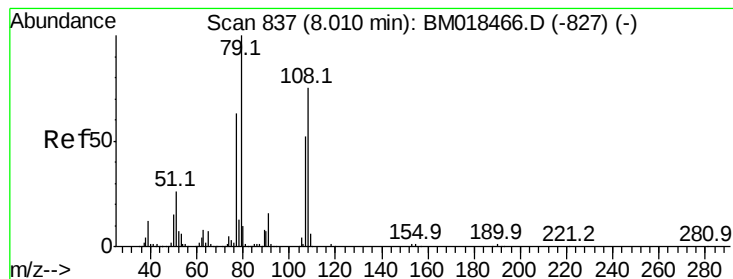
Sohil
 1/14/2019 4:43:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 30.250 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM018542.D
 Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
111	41.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 35.492 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

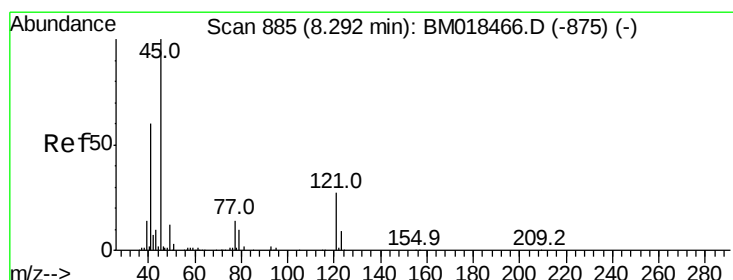
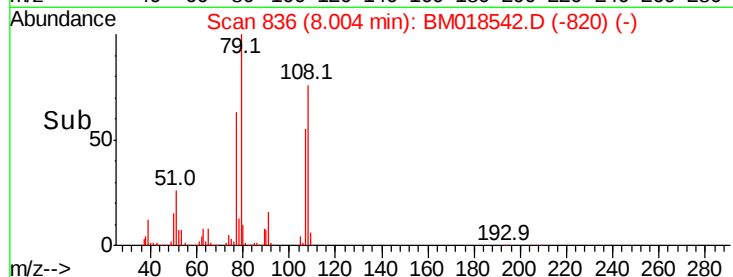
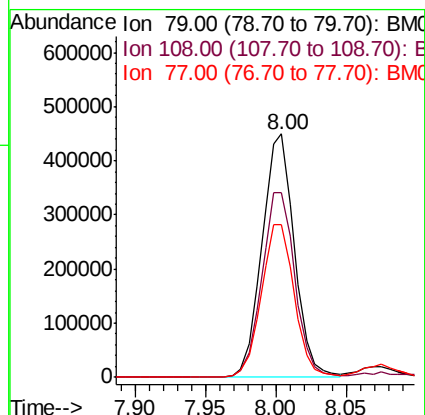
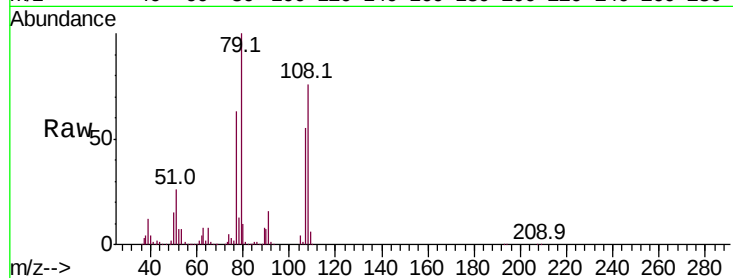
ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:	79	Resp:	725084
Ion Ratio	Lower	Upper	
79	100		
108	75.8	60.4	90.6
77	62.8	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.968 ng

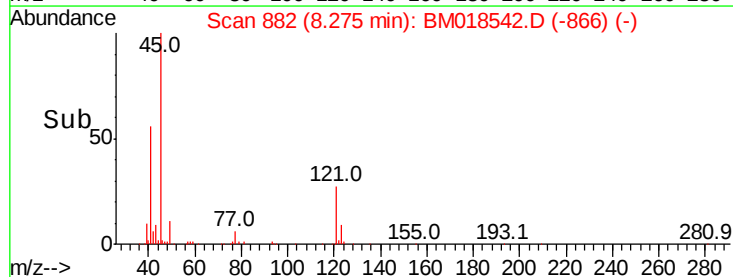
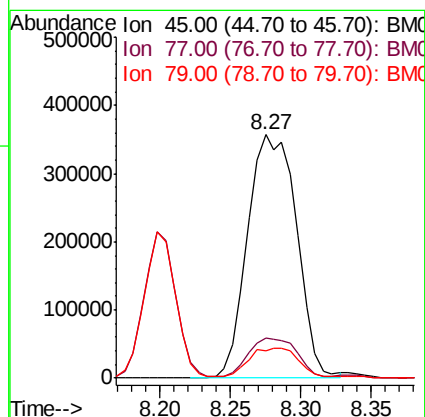
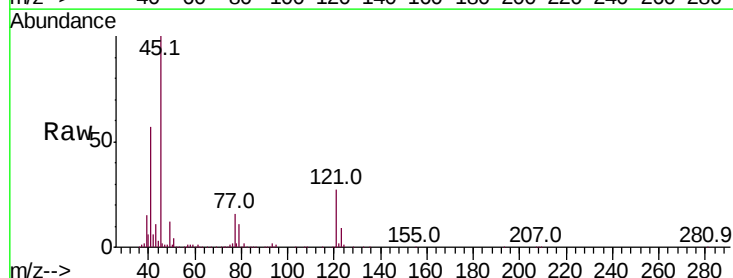
RT: 8.27 min Scan# 882

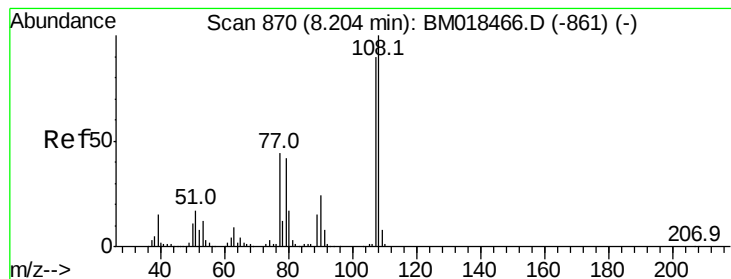
Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Tgt Ion:	45	Resp:	864933
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	33.4
79	11.4	0.0	31.1





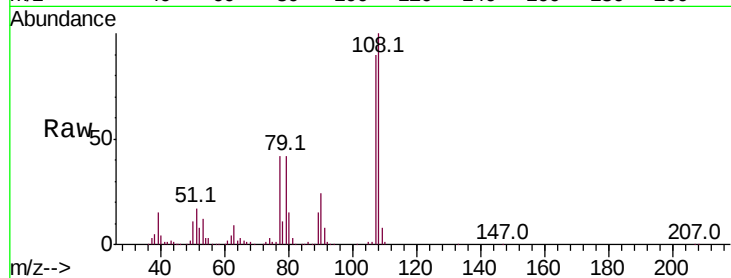
#17
2-Methylphenol
Concen: 36.796 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	87.5	131.3	
77	46.7	37.3	55.9	
79	46.5	36.4	54.6	

Manual Integrations
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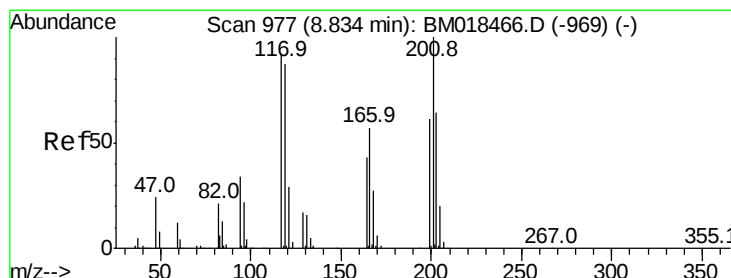
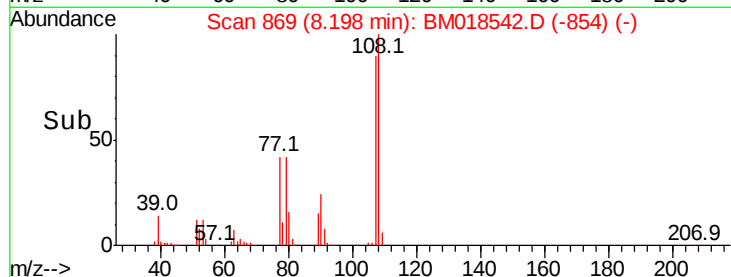
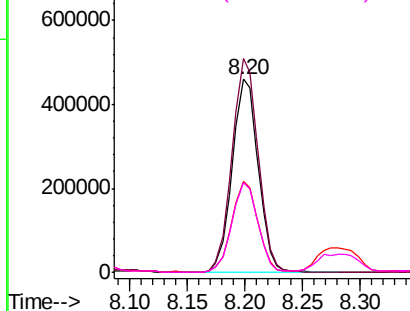
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 29.237 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

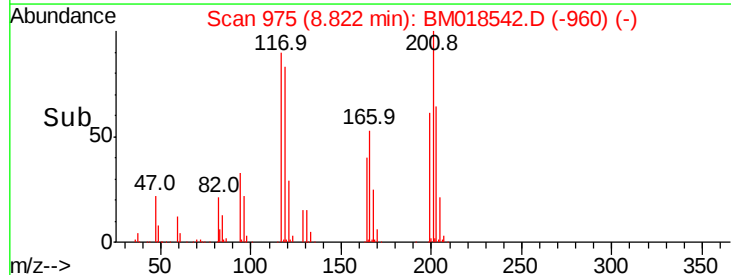
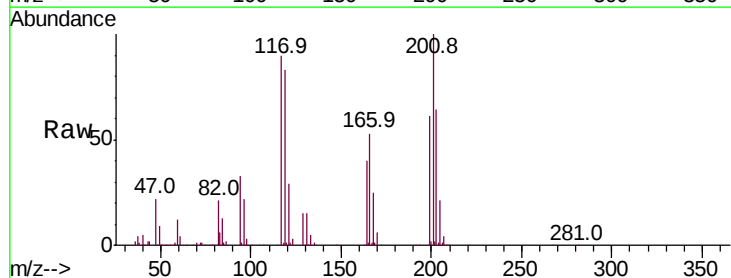
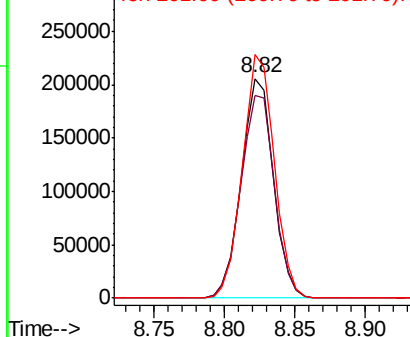
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.4	78.3	117.5	
201	110.9	81.4	122.0	

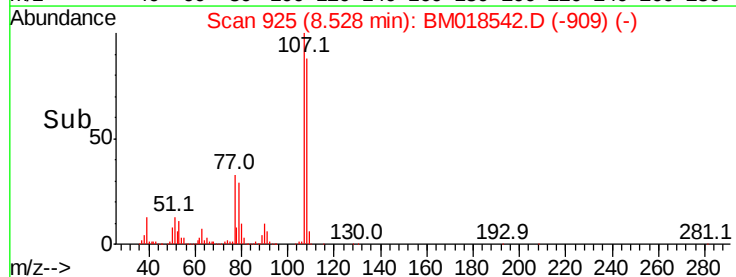
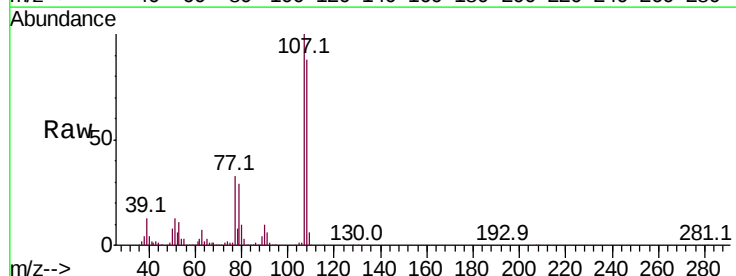
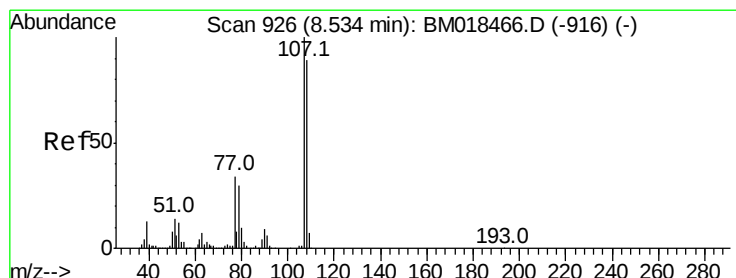
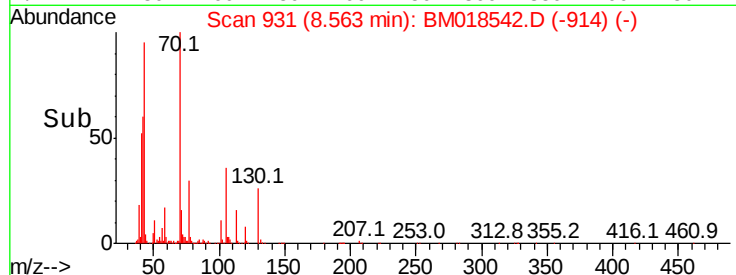
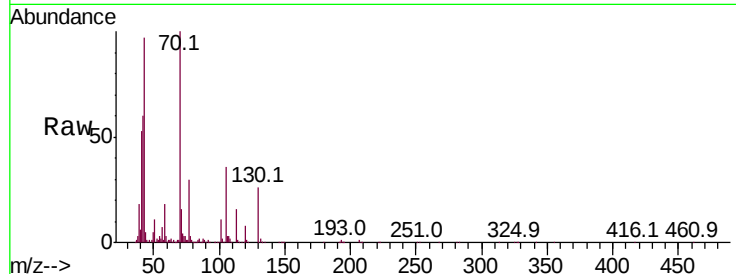
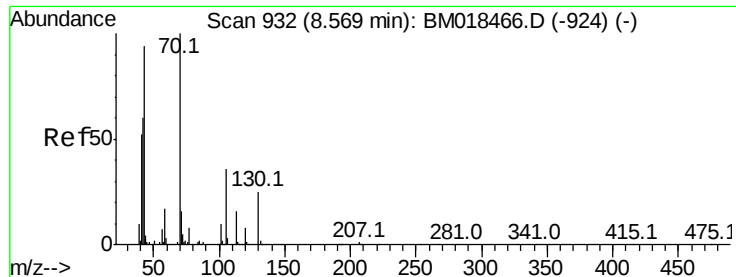
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





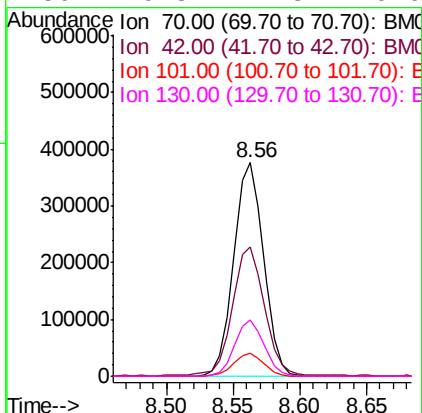
#19
n-Nitroso-di-n-propylamine
Concen: 31.873 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.5	54.0	81.0
101	10.8	8.1	12.1
130	26.3	17.8	26.6

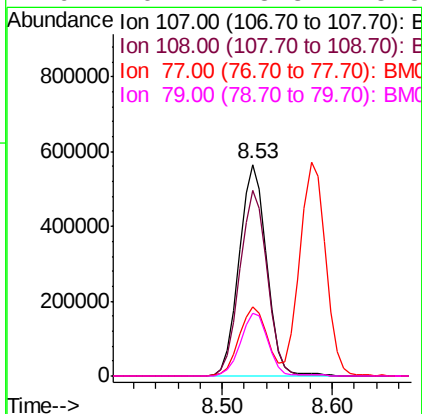
Manual Integrations
APPROVED

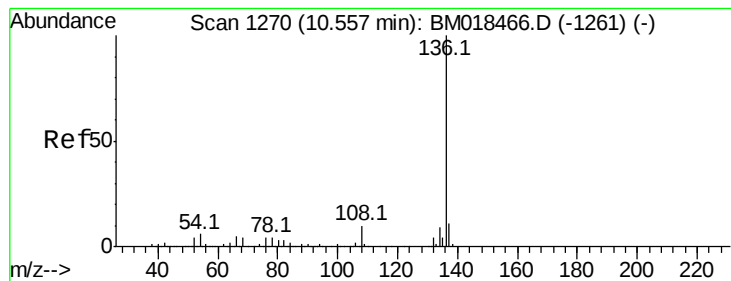
Sohil
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#20
3+4-Methylphenols
Concen: 36.818 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	66.8	106.8
77	32.7	13.3	53.3
79	29.4	8.8	48.8





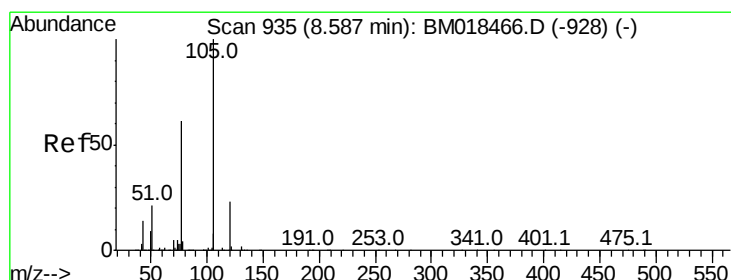
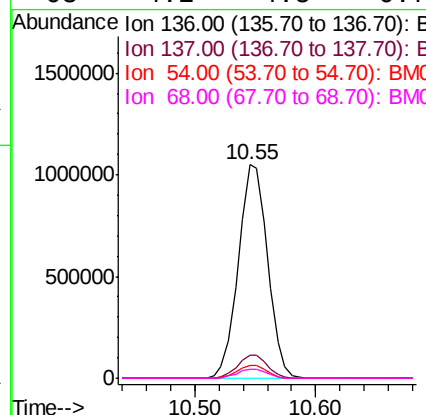
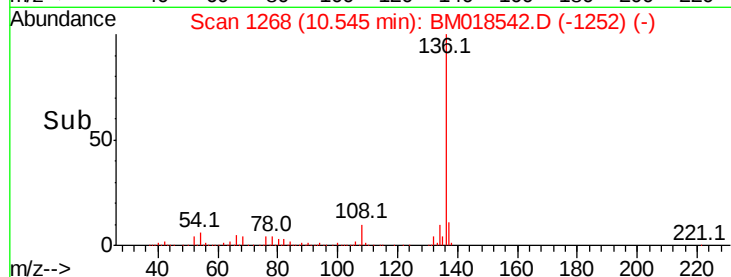
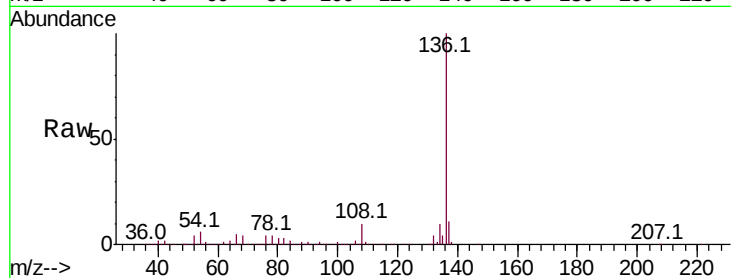
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.2	6.0	9.0
68	4.2	4.5	6.7#

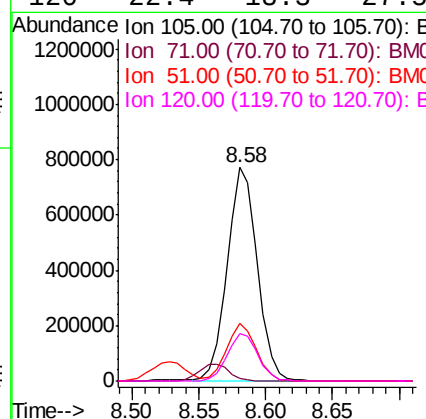
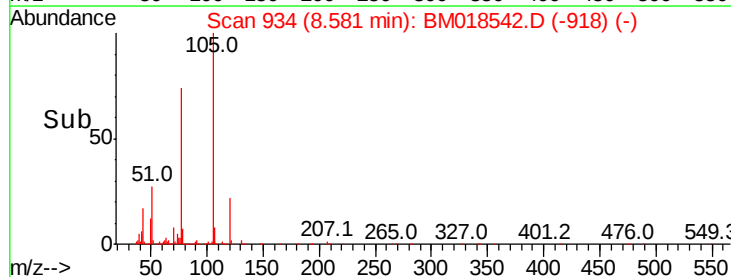
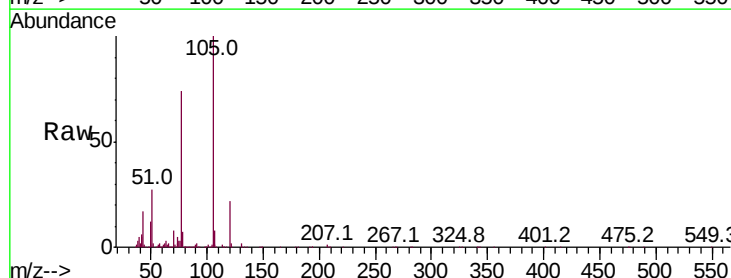
Manual Integrations
APPROVED

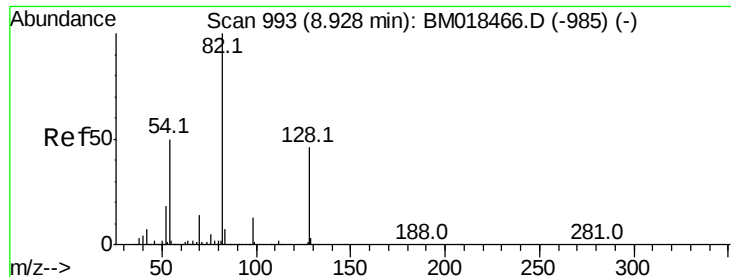
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#22
Acetophenone
Concen: 27.662 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.7	2.5#
51	26.8	22.6	34.0
120	22.4	18.3	27.5





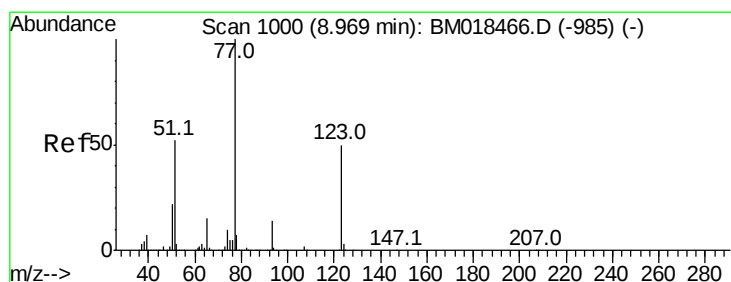
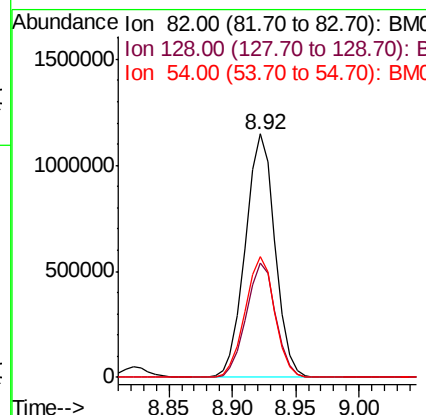
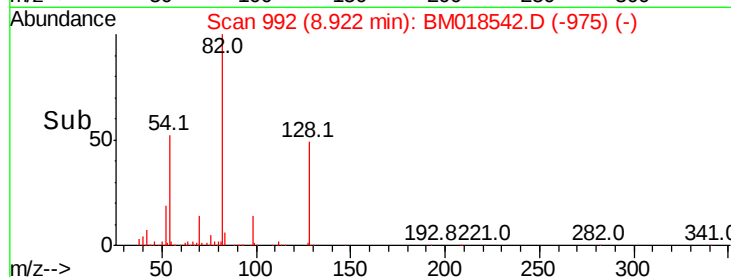
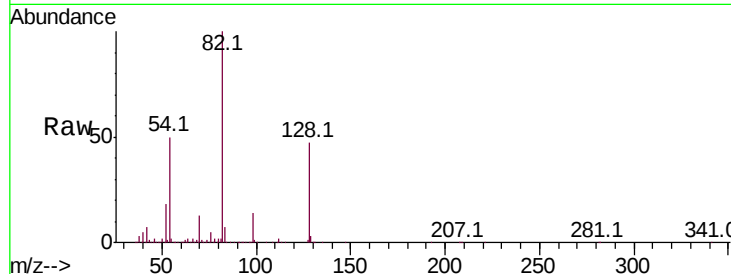
#23
Nitrobenzene-d5
Concen: 60.796 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	82	Resp	1863664
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.3	54.5
54	49.6	41.7	62.5

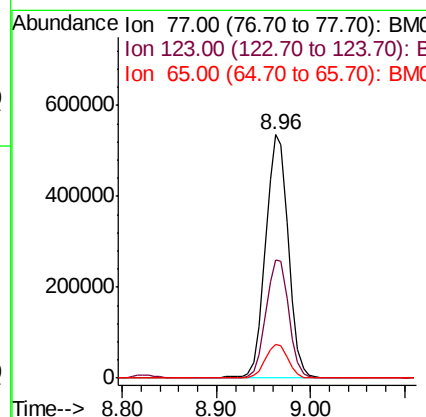
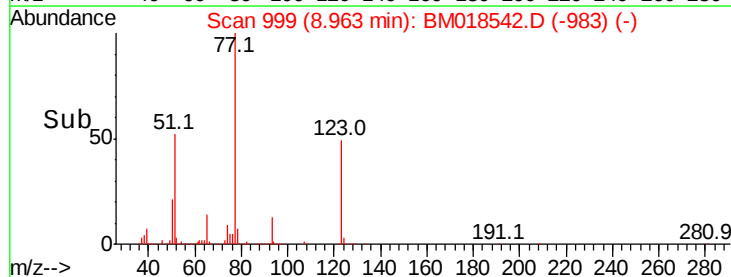
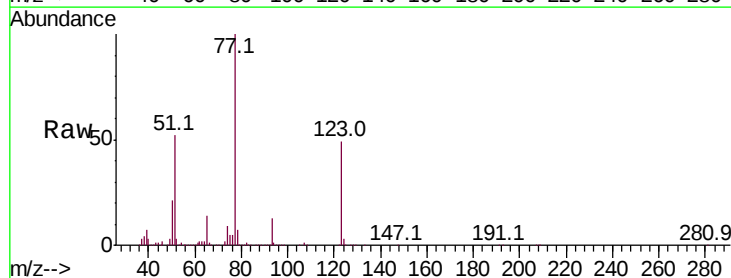
Manual Integrations
APPROVED

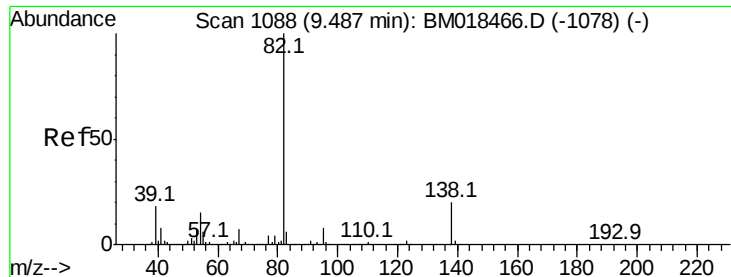
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#24
Nitrobenzene
Concen: 29.556 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	77	Resp	891454
Ion Ratio	Lower	Upper	
77	100		
123	48.6	37.7	56.5
65	14.0	11.0	16.6





#25

Isophorone

Concen: 35.037 ng

RT: 9.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion: 82 Resp: 1626398

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

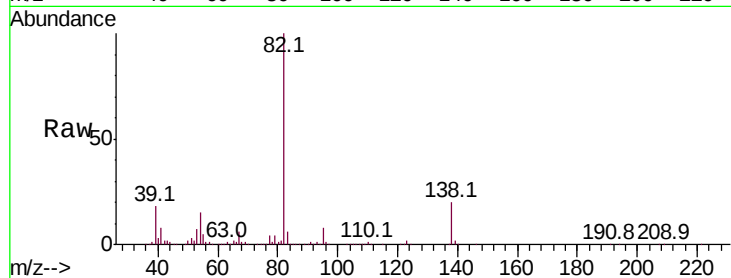
138 20.4 15.1 22.7

Manual Integrations

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Sohil

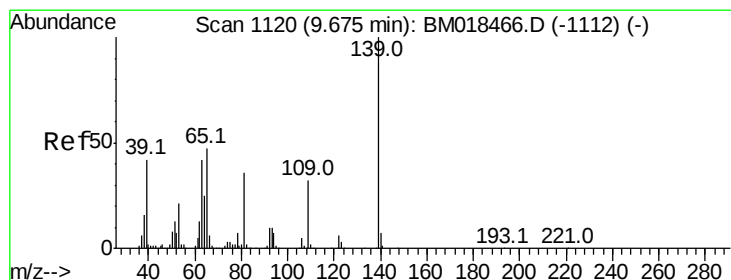
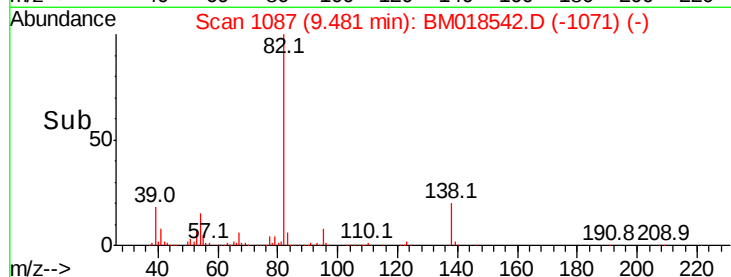
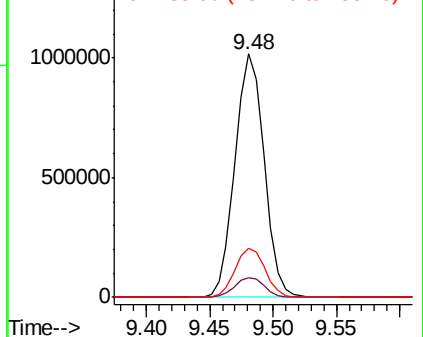
1/14/2019 4:43:07 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 34.075 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

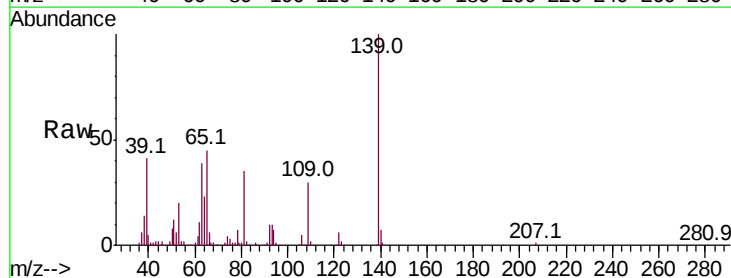
Tgt Ion: 139 Resp: 496959

Ion Ratio Lower Upper

139 100

109 30.4 23.4 35.2

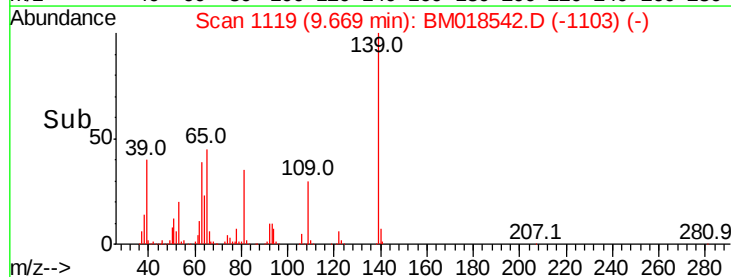
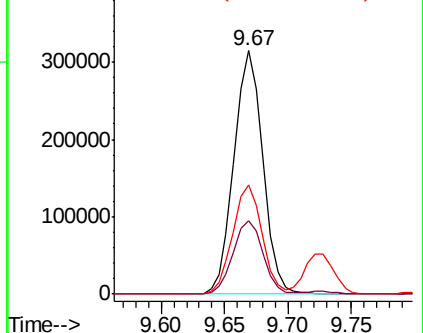
65 45.1 39.4 59.2

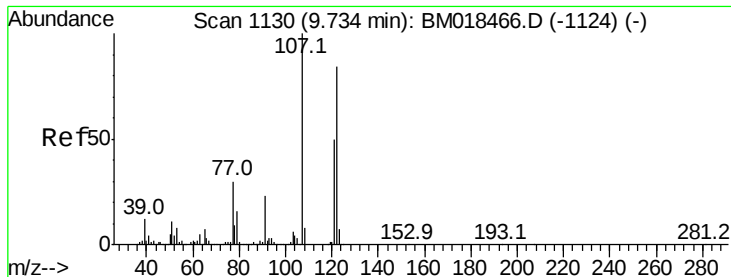


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)





#27

2,4-Dimethylphenol

Concen: 37.657 ng

RT: 9.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

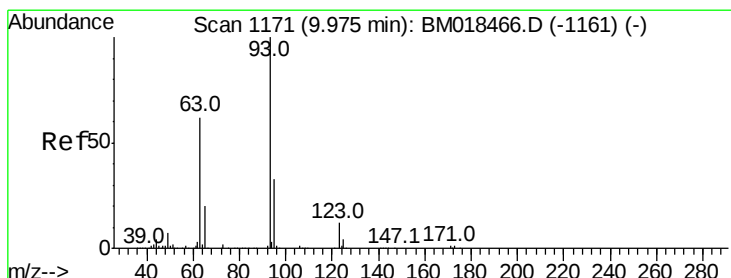
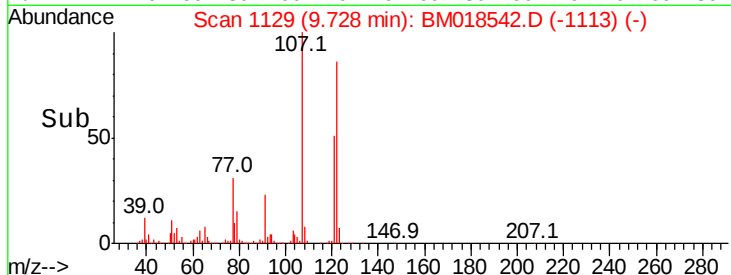
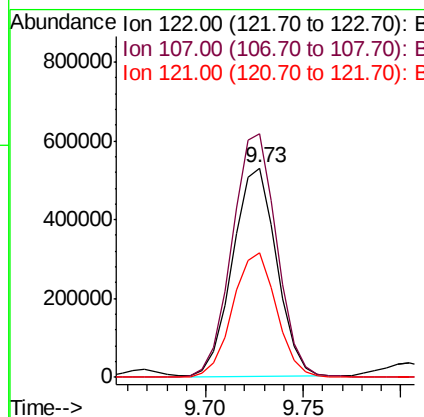
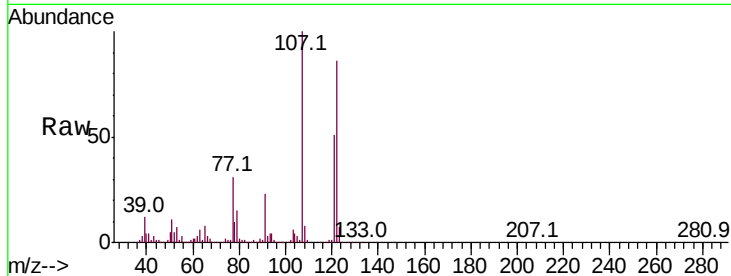
ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:	122	Resp:	823182
Ion Ratio	Lower	Upper	
122	100		
107	116.4	91.9	137.9
121	59.3	47.5	71.3

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 30.869 ng

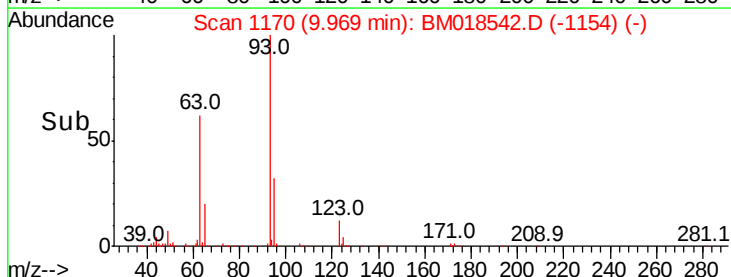
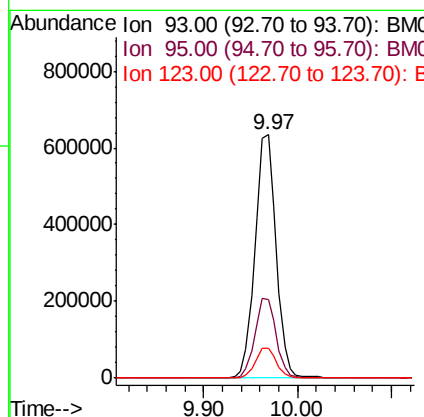
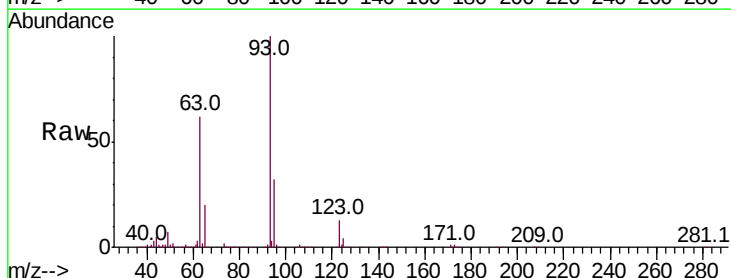
RT: 9.97 min Scan# 1170

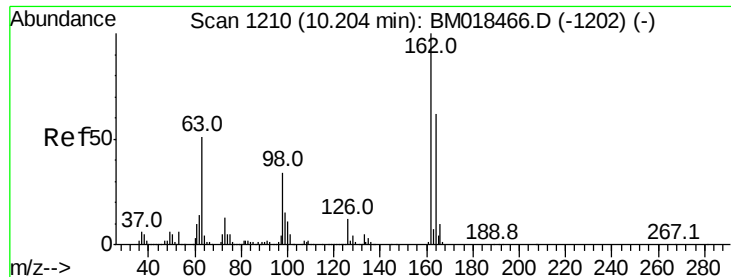
Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Tgt Ion:	93	Resp:	989891
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.6	39.8
123	12.5	9.9	14.9





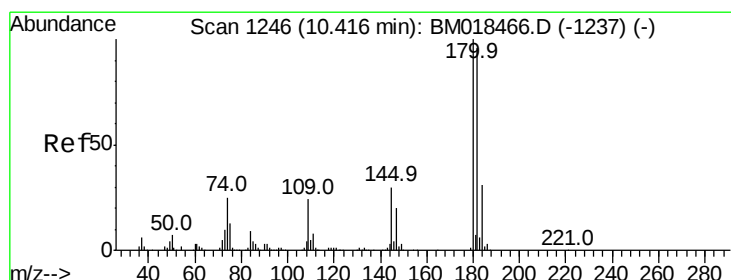
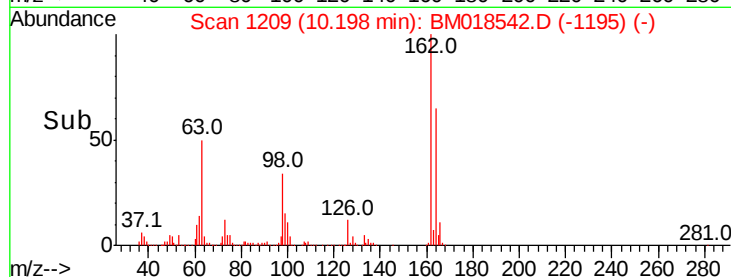
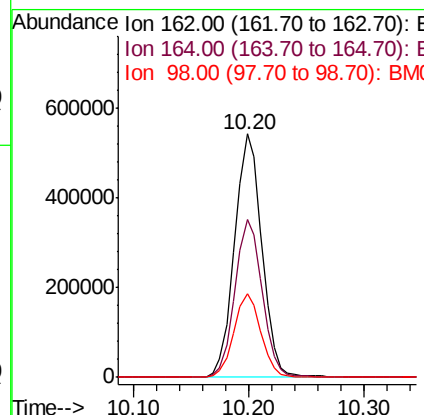
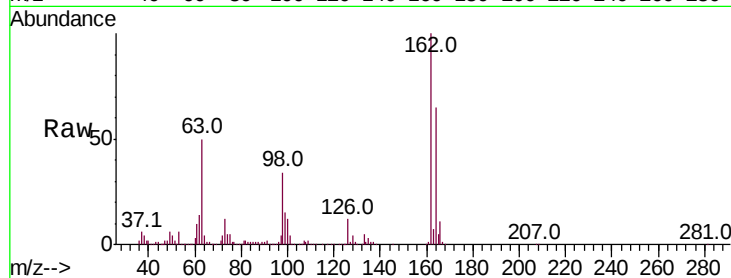
#29
2,4-Dichlorophenol
Concen: 34.275 ng
RT: 10.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	892171		
164	64.8	45.6	85.6	
98	34.4	14.7	54.7	

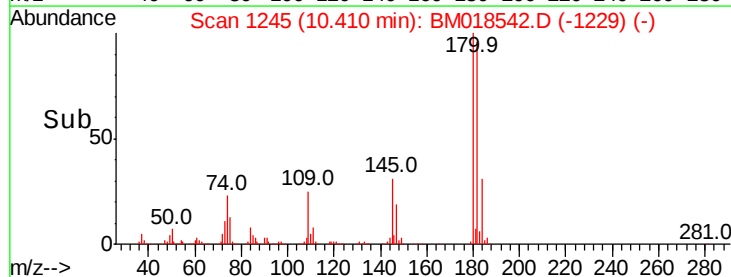
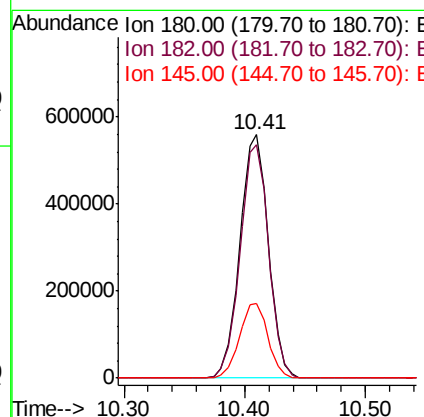
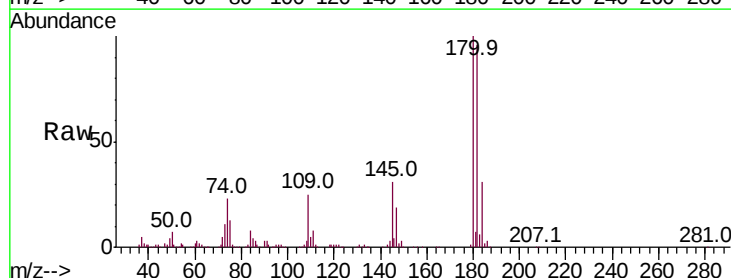
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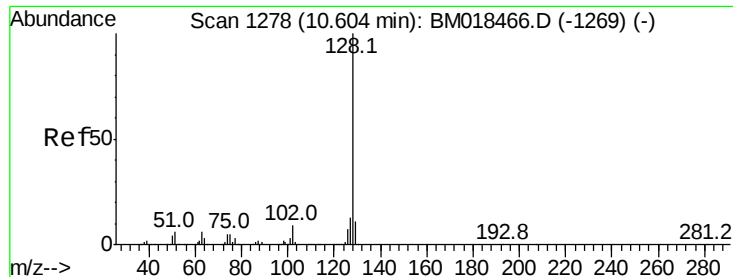
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 28.398 ng
RT: 10.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	917516		
182	95.9	77.4	116.2	
145	30.7	24.6	37.0	





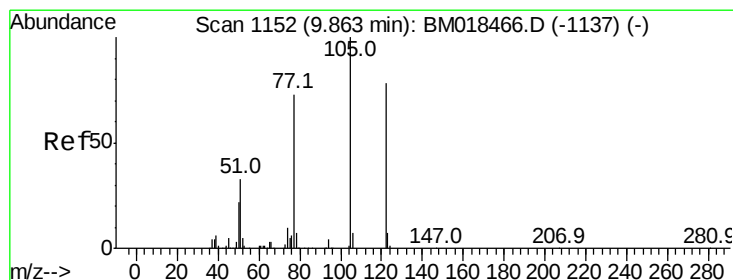
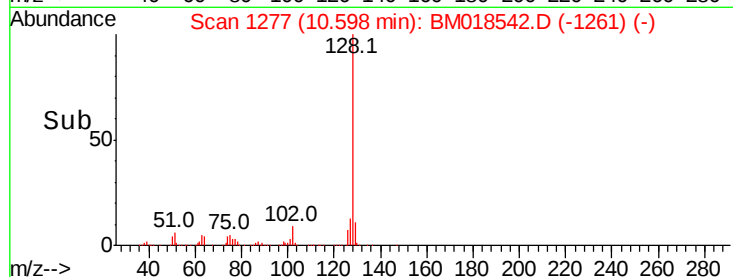
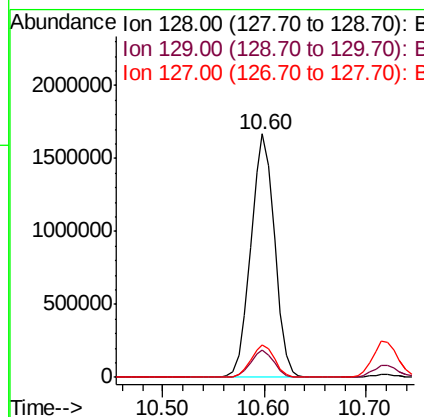
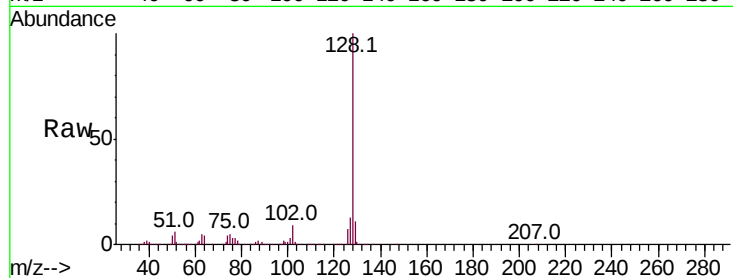
#31
Naphthalene
Concen: 31.444 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.1	10.8	16.2

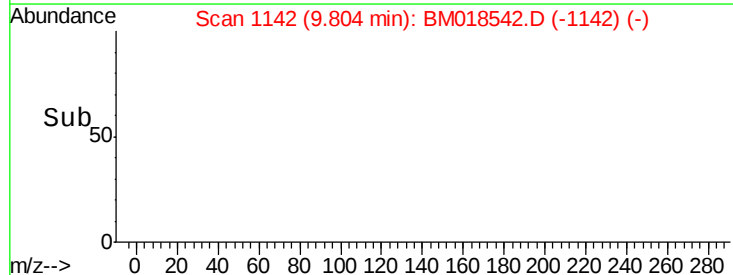
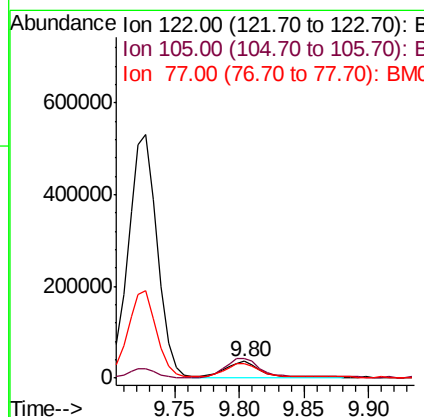
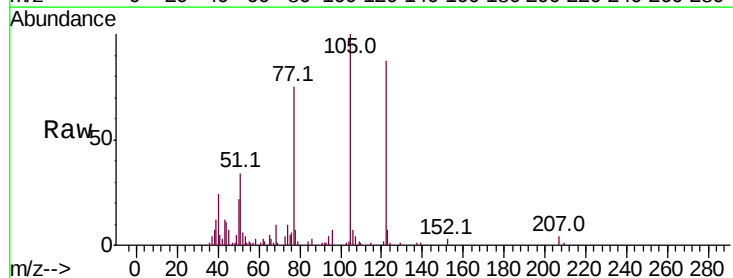
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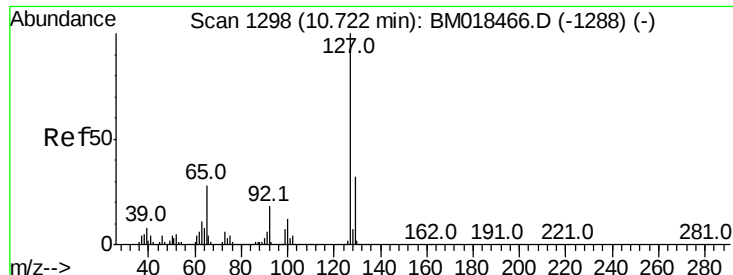
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#32
Benzoic acid
Concen: 11.183 ng m
RT: 9.80 min Scan# 1142
Delta R.T. -0.10 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.0	100.4	140.4
77	86.7	71.7	111.7





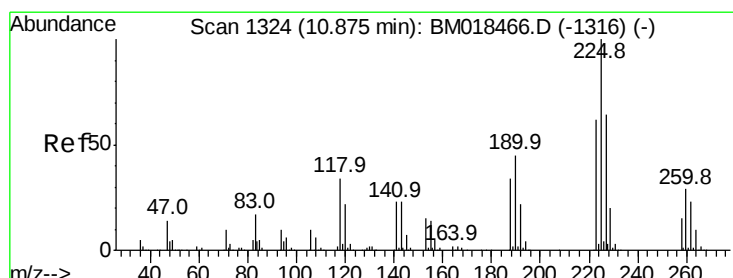
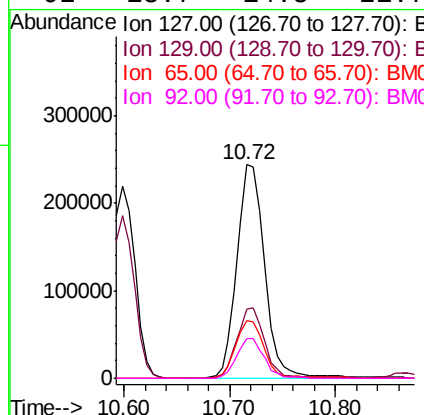
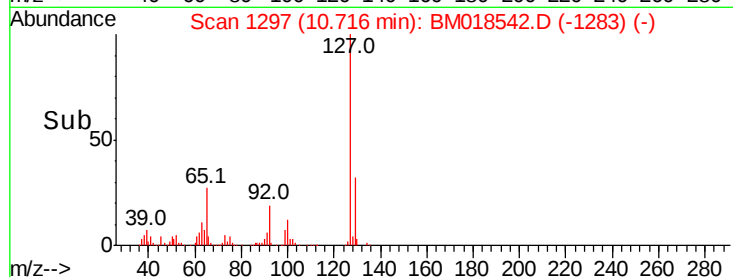
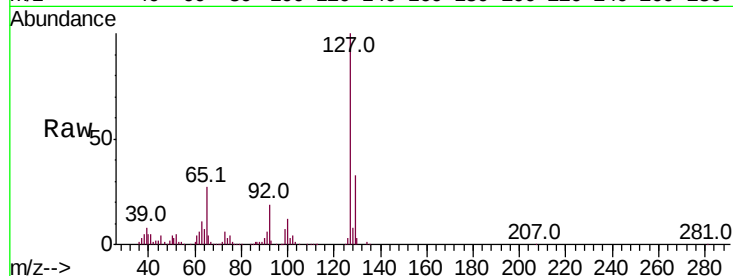
#33
4-Chloroaniline
Concen: 13.083 ng
RT: 10.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.9	38.9	
65	27.0	23.4	35.2	
92	18.7	14.5	21.7	

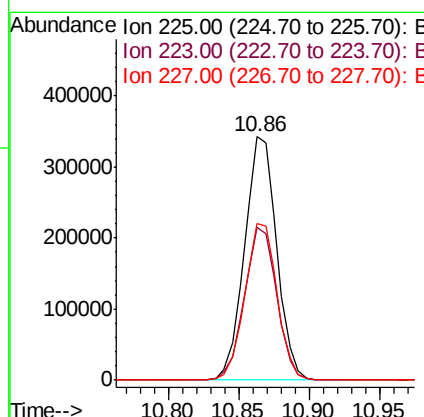
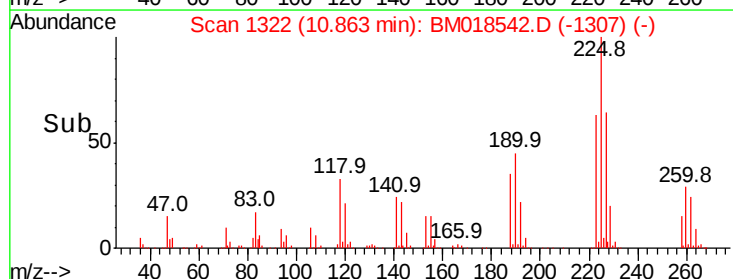
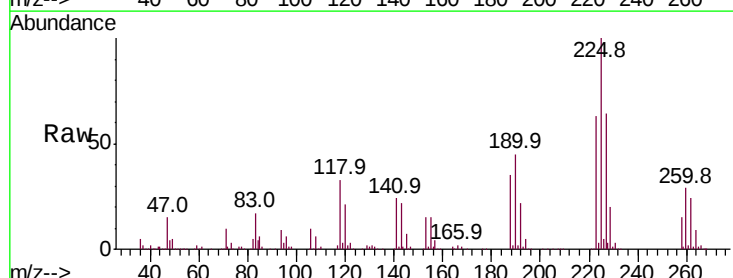
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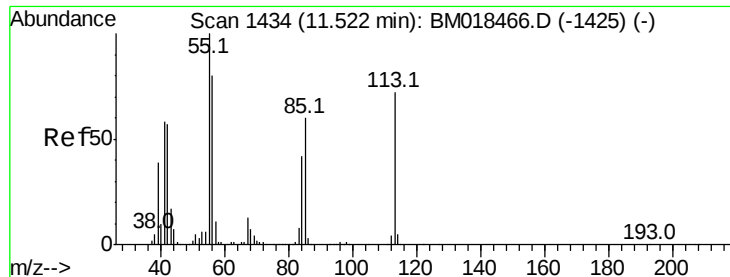
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#34
Hexachlorobutadiene
Concen: 26.784 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.8	76.2	
227	64.1	50.4	75.6	





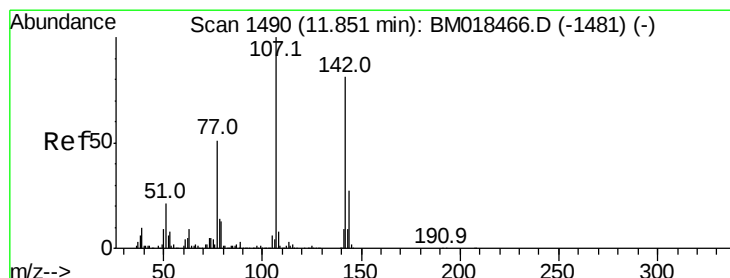
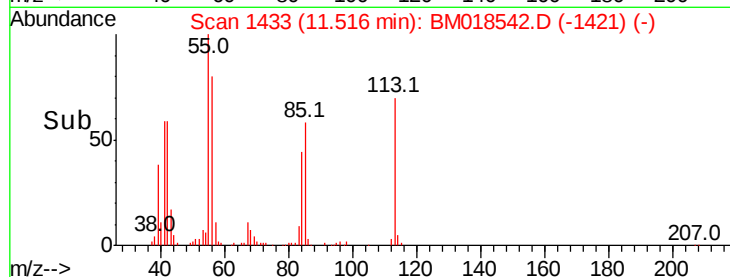
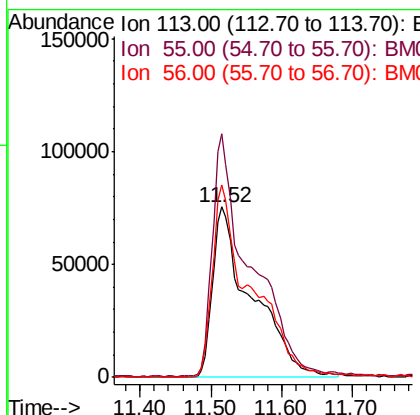
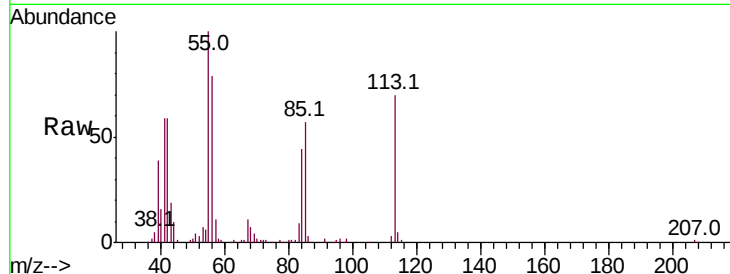
#35
Caprolactam
Concen: 32.679 ng/ml
RT: 11.52 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.2	139.3	179.3
56	113.3	101.4	141.4

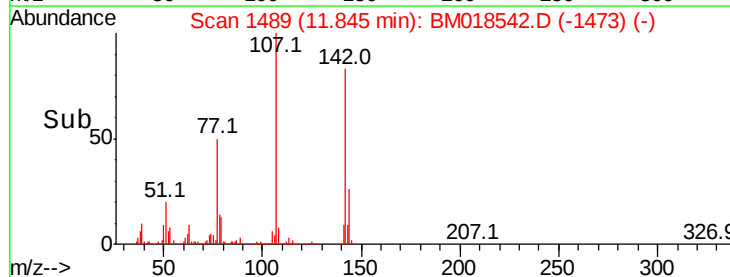
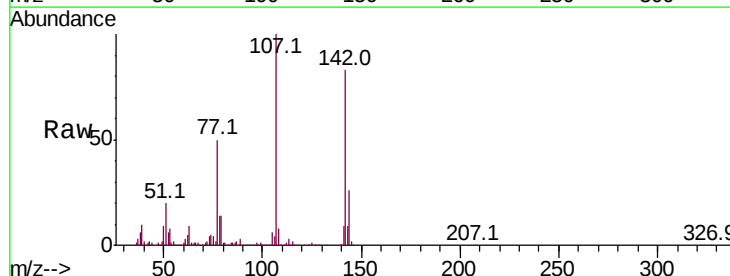
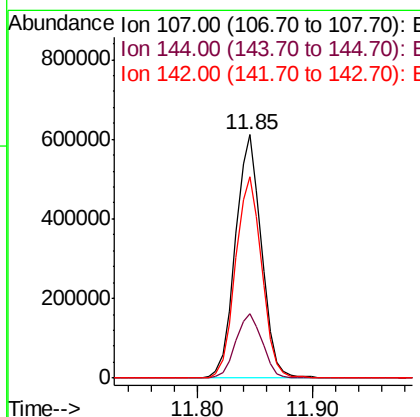
Manual Integrations
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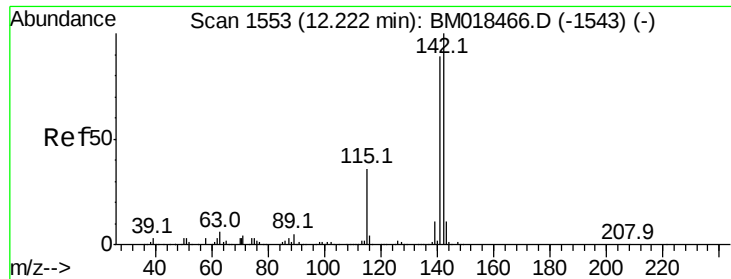
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#36
4-Chloro-3-methylphenol
Concen: 34.906 ng/ml
RT: 11.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.9	32.9
142	82.9	67.9	101.9





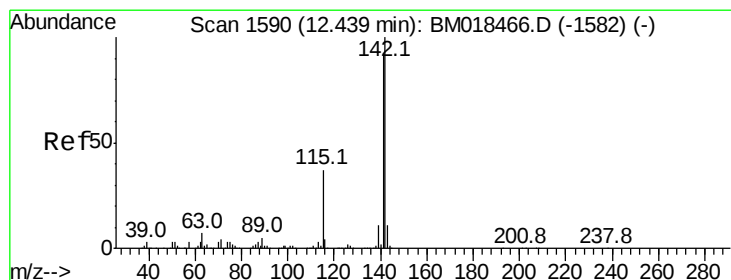
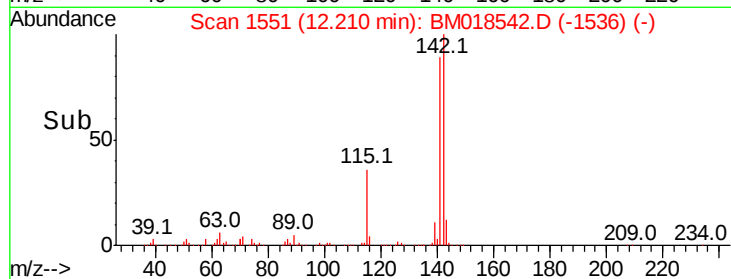
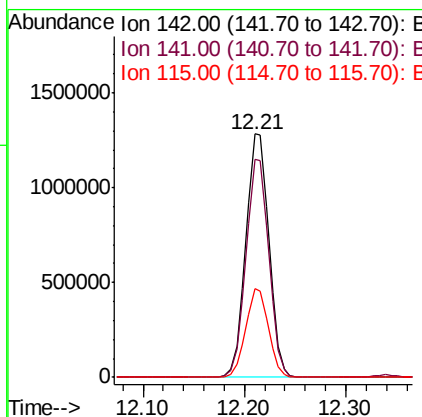
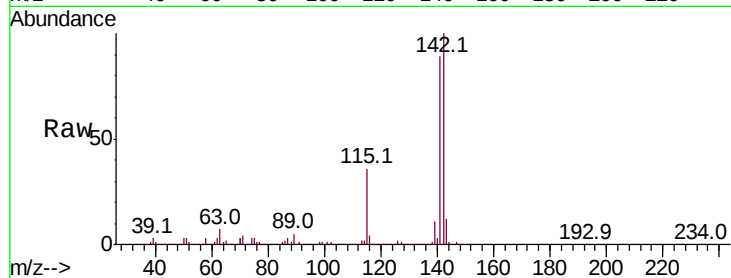
#37
2-Methylnaphthalene
Concen: 33.511 ng
RT: 12.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	36.4	28.0	42.0

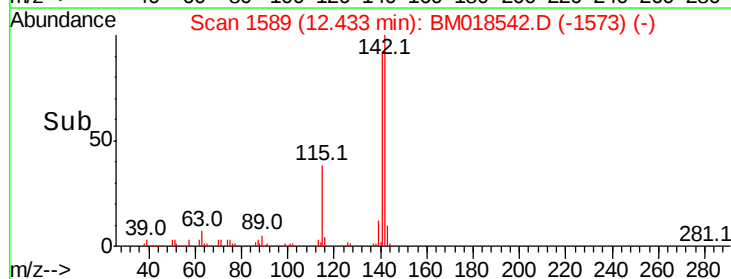
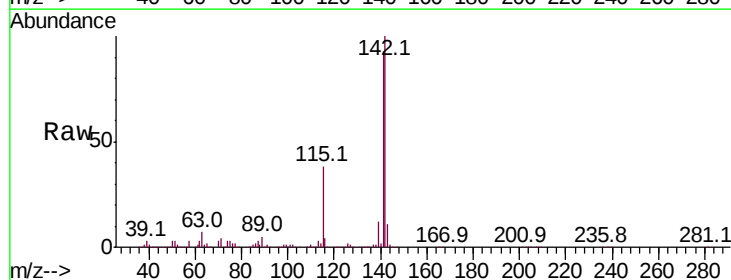
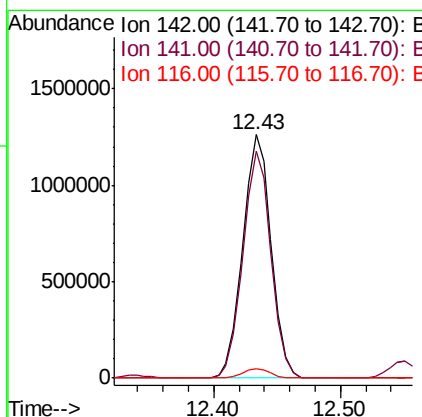
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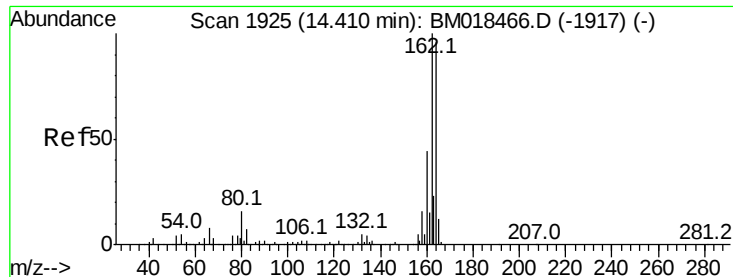
Sohil
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#38
1-Methylnaphthalene
Concen: 33.294 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.6	113.4
116	3.8	3.0	4.6





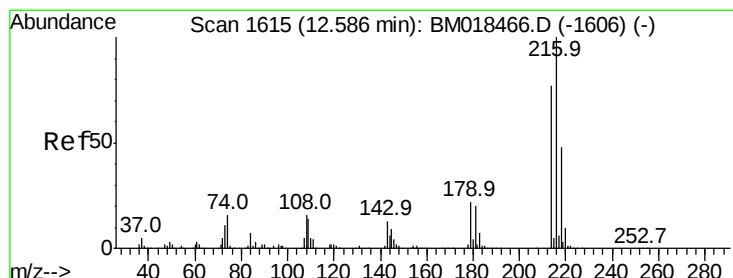
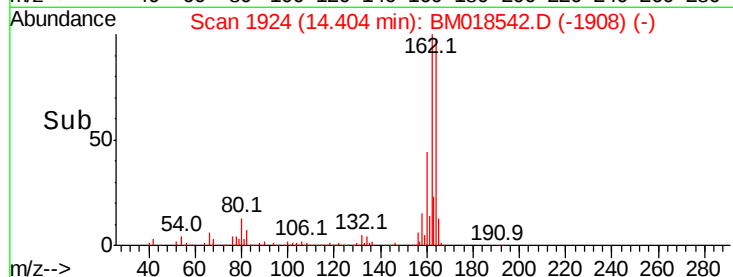
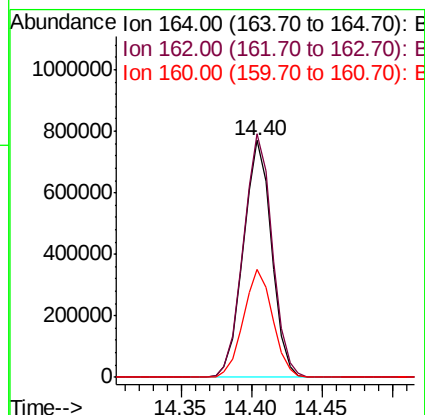
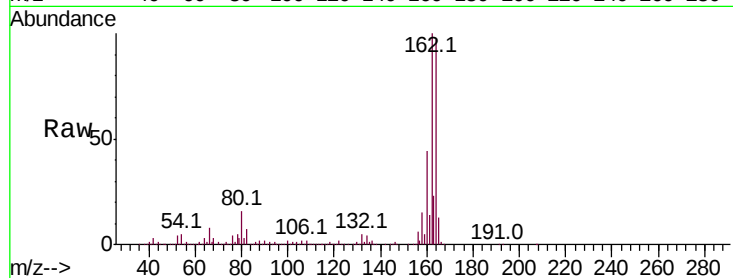
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.4
160	45.3	37.1	55.7

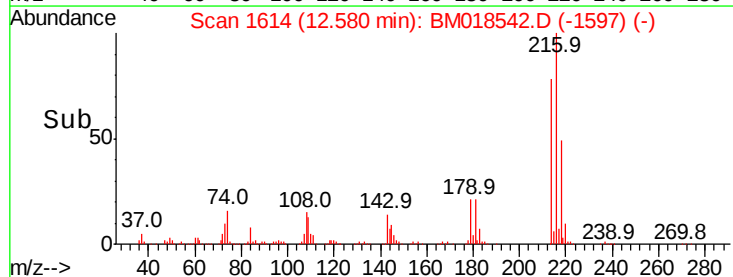
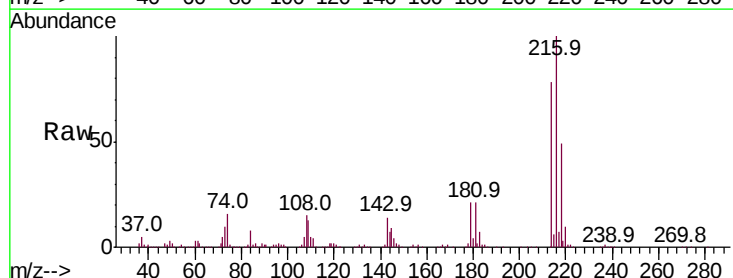
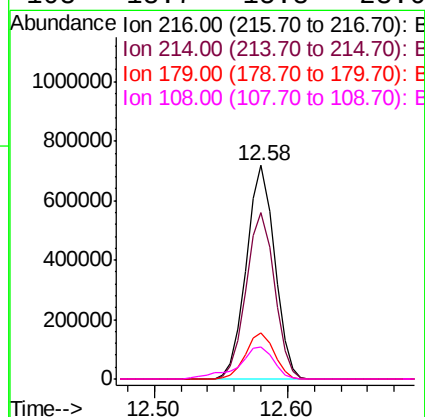
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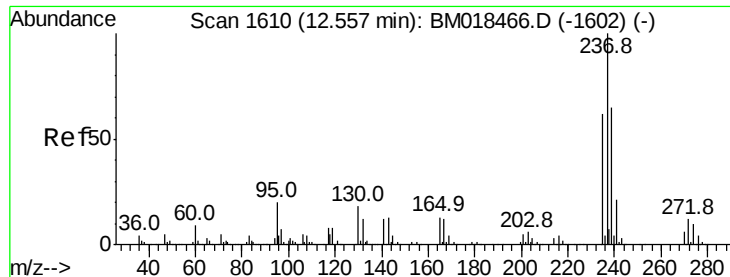
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 27.900 ng
RT: 12.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.0
179	21.8	17.9	26.9
108	18.7	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 51.955 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:237 Resp: 1074357

Ion Ratio Lower Upper

237 100

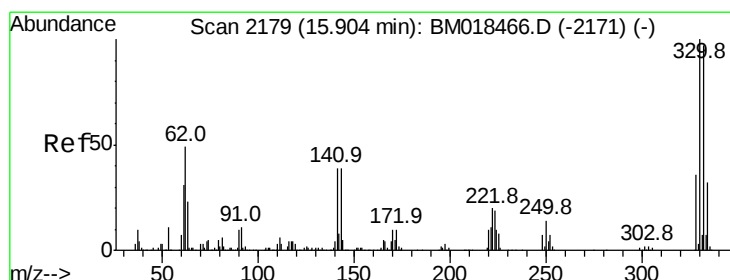
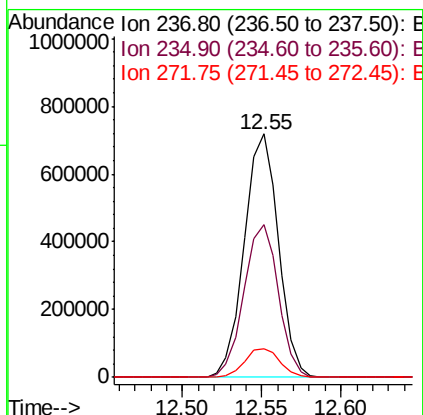
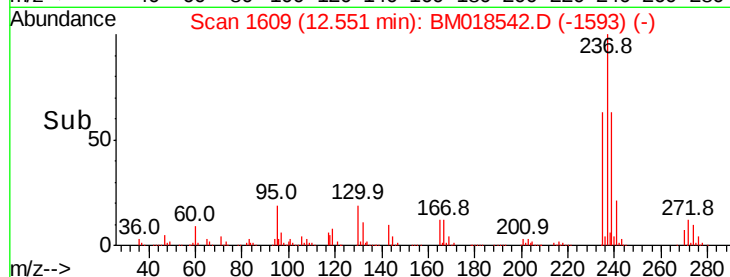
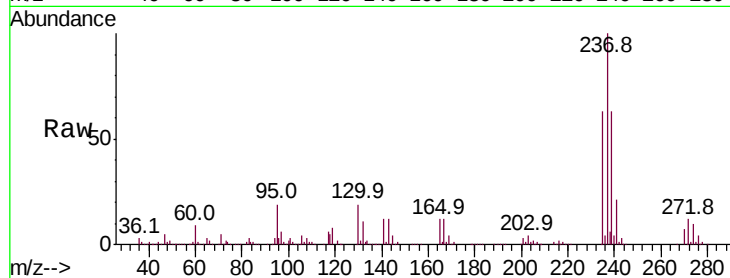
235 62.7 42.8 82.8

272 12.0 0.0 31.9

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 106.033 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

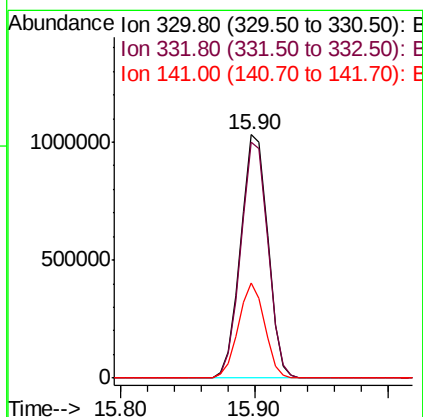
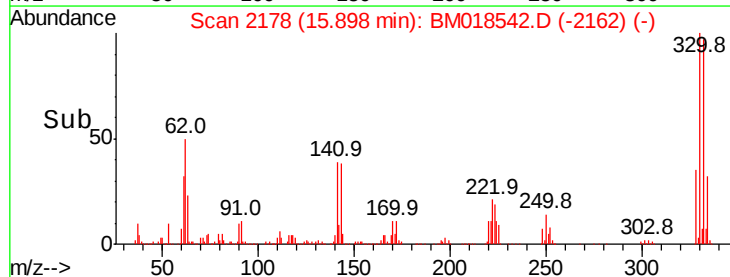
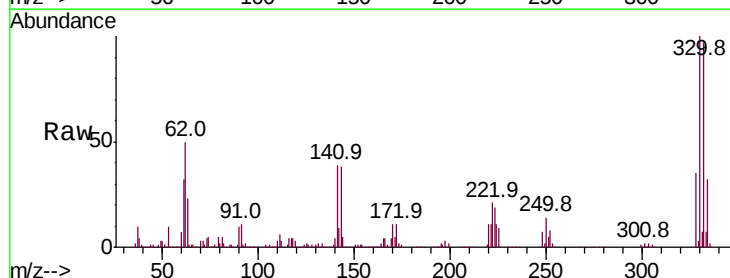
Tgt Ion:330 Resp: 1454660

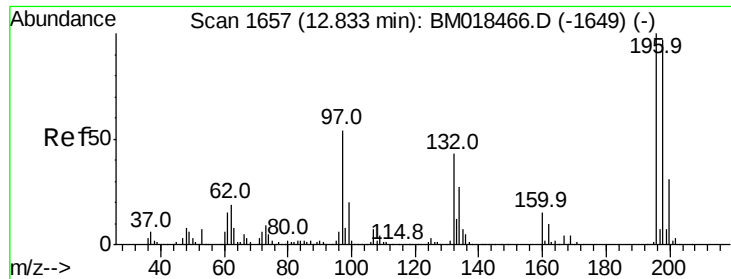
Ion Ratio Lower Upper

330 100

332 97.2 77.6 116.4

141 38.0 31.7 47.5





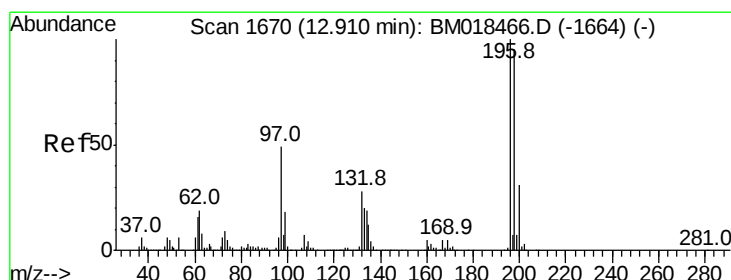
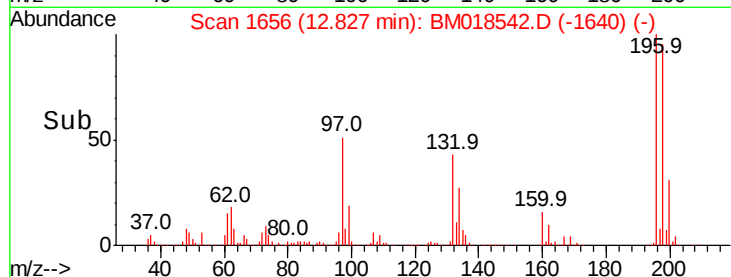
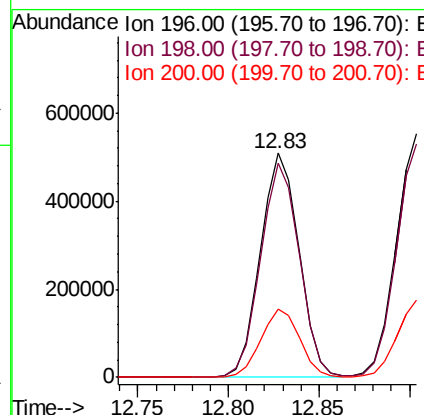
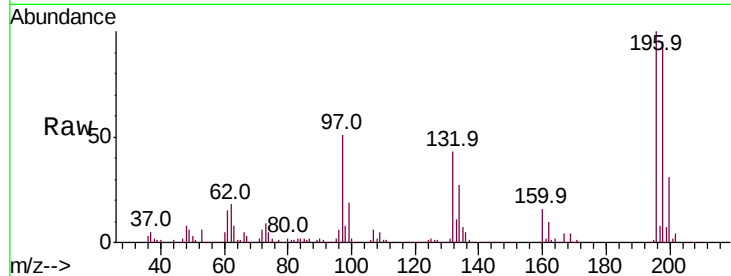
#43
 2,4,6-Trichlorophenol
 Concen: 33.002 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM018542.D
 Acq: 11 Jan 2019 19:45

Instrument :
 BNA_M
 ClientSampleId :
 BCB-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	755102		
198	95.4	76.6	115.0	
200	30.8	24.2	36.4	

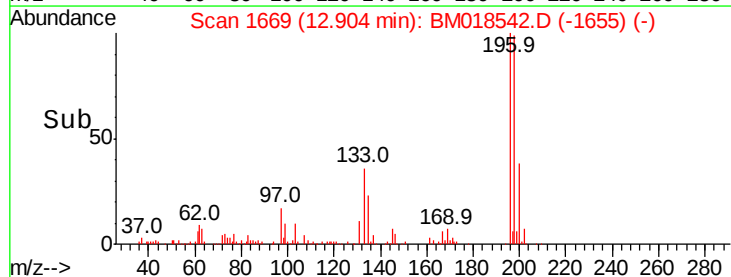
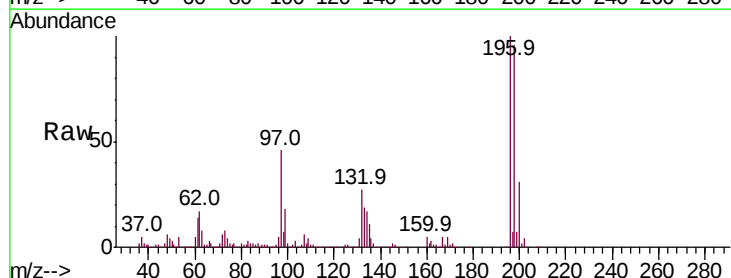
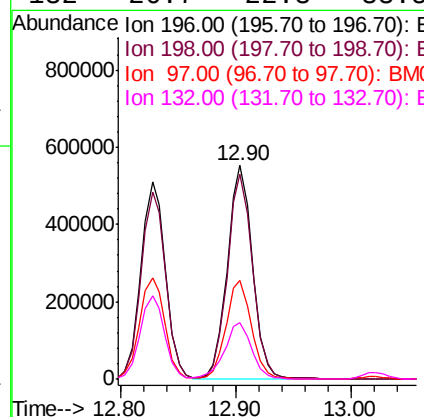
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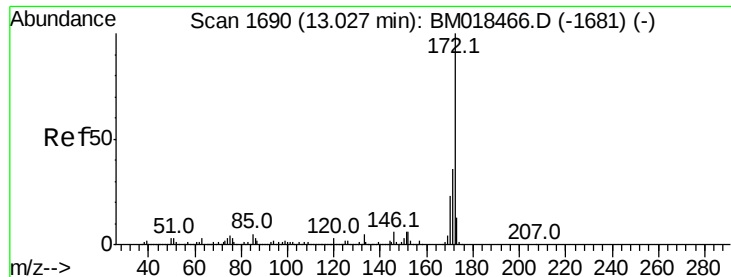
Sohil
 1/14/2019 4:43:07 PM



#44
 2,4,5-Trichlorophenol
 Concen: 34.399 ng
 RT: 12.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BM018542.D
 Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	827756		
198	95.9	76.7	115.1	
97	46.2	39.2	58.8	
132	26.7	22.3	33.5	





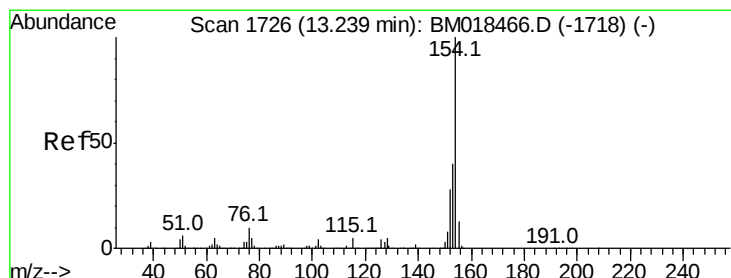
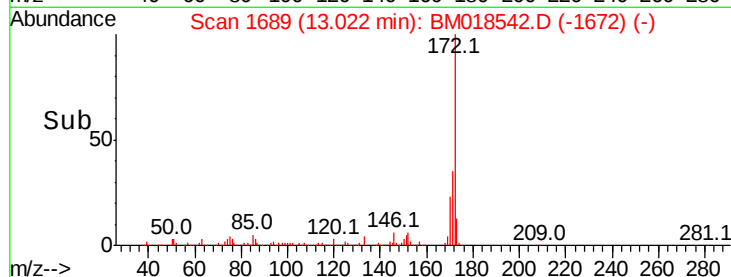
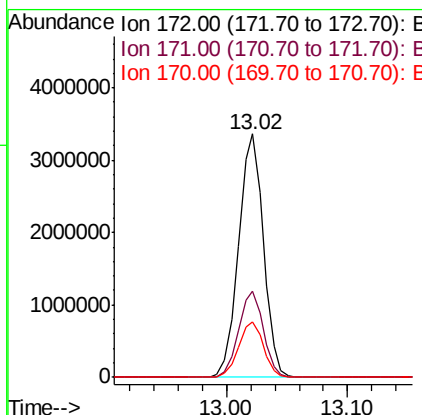
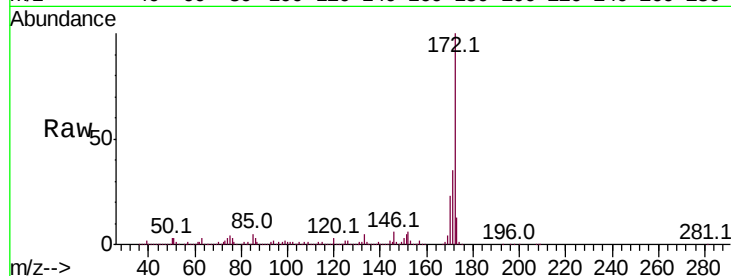
#45
2-Fluorobiphenyl
Concen: 58.334 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.0	18.9	28.3

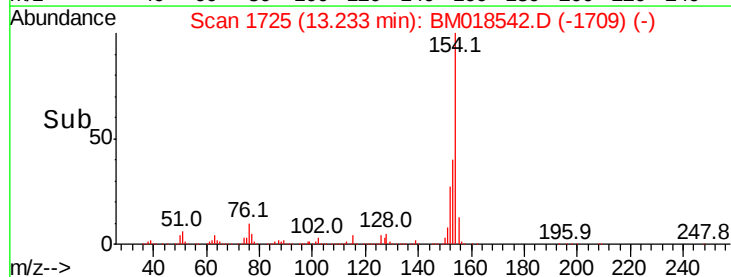
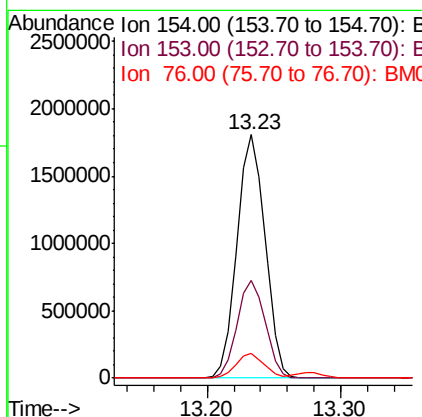
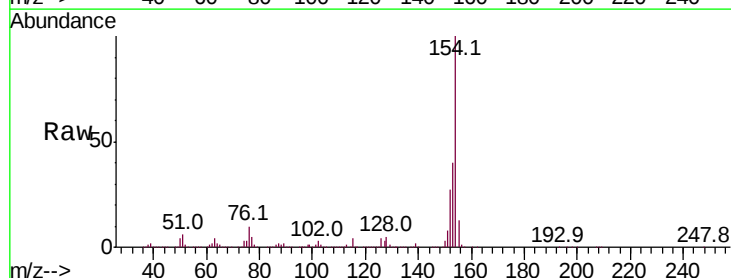
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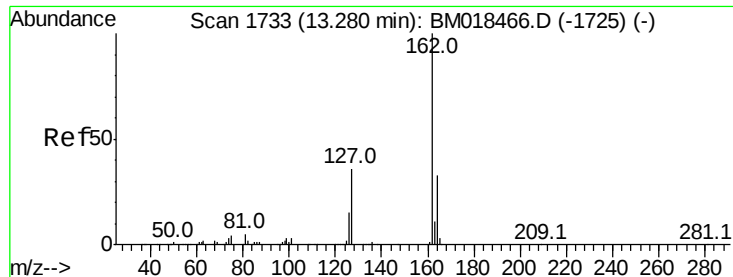
Sohil
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#46
1,1'-Biphenyl
Concen: 28.022 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.5	60.5
76	10.1	0.0	31.9





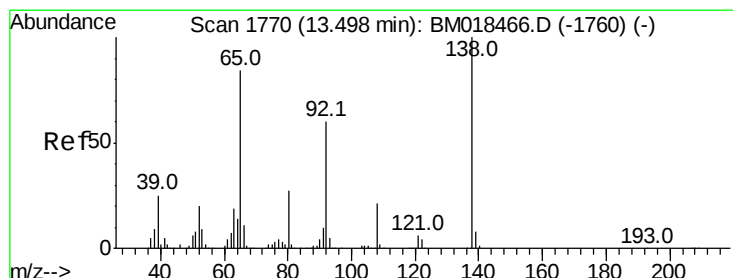
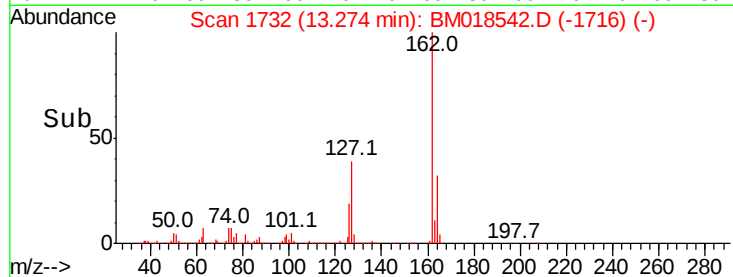
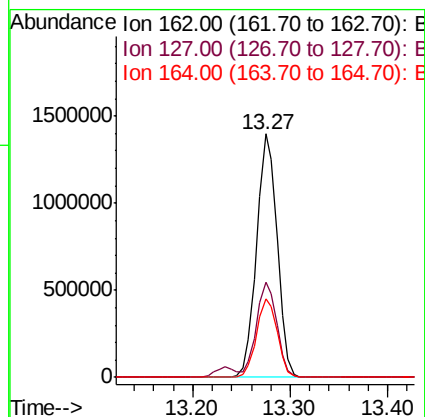
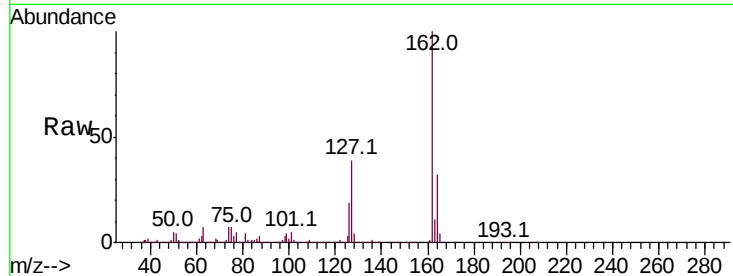
#47
2-Chloronaphthalene
Concen: 28.136 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.4	47.0
164	32.2	26.2	39.4

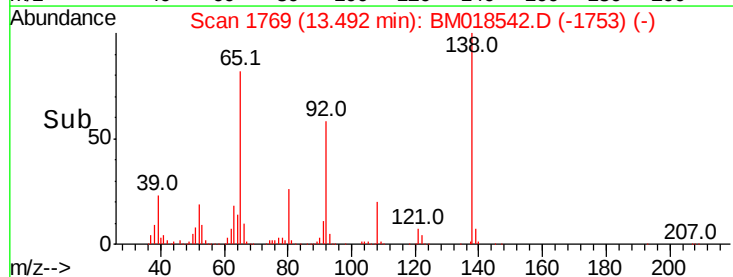
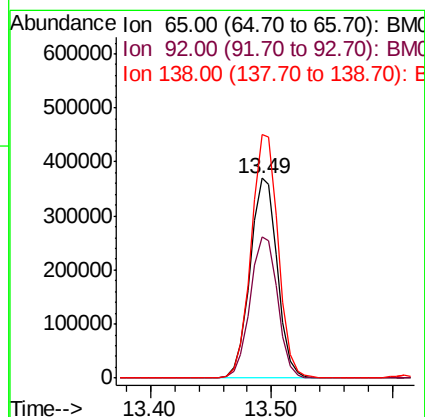
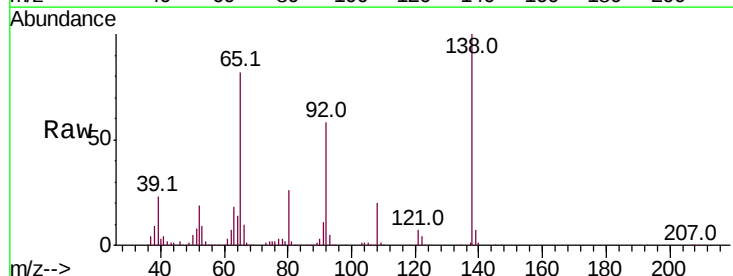
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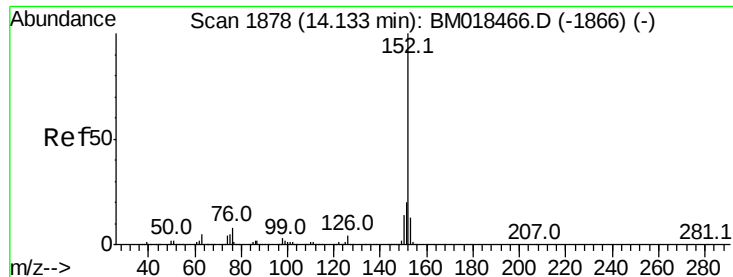
Sohil
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#48
2-Nitroaniline
Concen: 32.432 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	53.4	80.2
138	121.9	88.9	133.3





#49

Acenaphthylene

Concen: 32.094 ng

RT: 14.13 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:152 Resp: 3412124

Ion Ratio Lower Upper

152 100

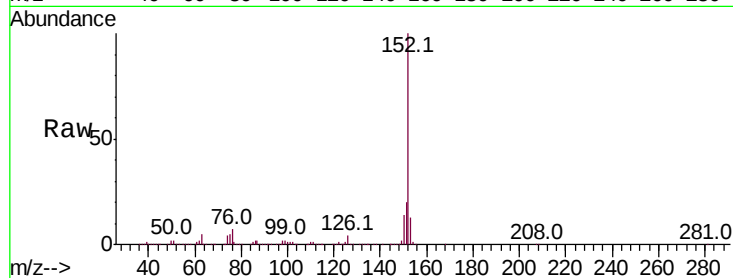
151 20.0 15.7 23.5

153 13.0 10.5 15.7

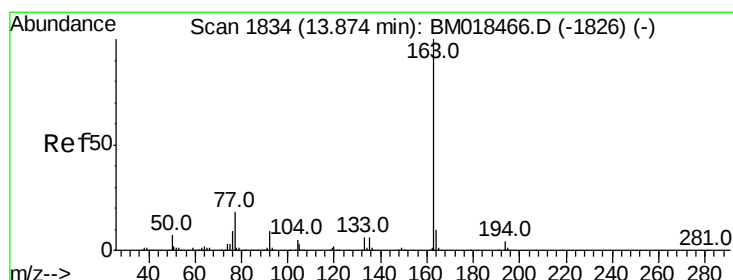
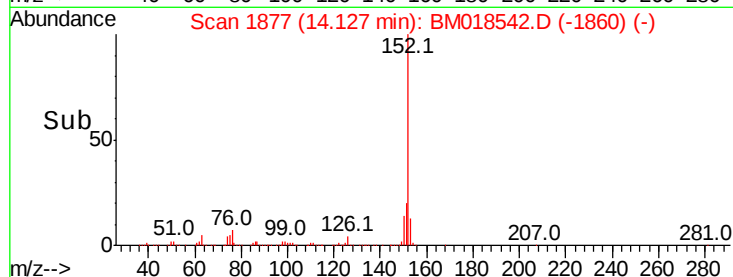
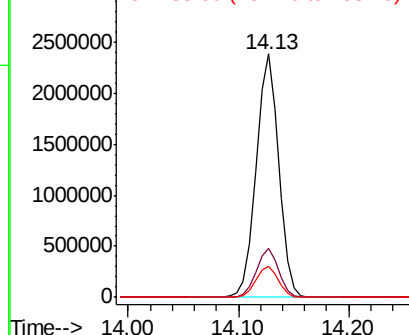
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.807 ng

RT: 13.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

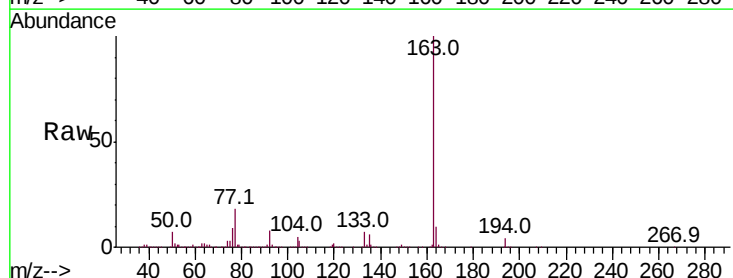
Tgt Ion:163 Resp: 3610939

Ion Ratio Lower Upper

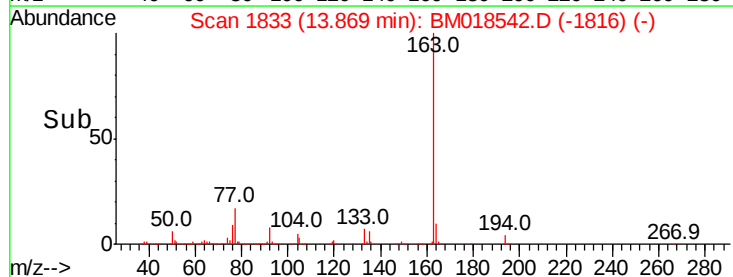
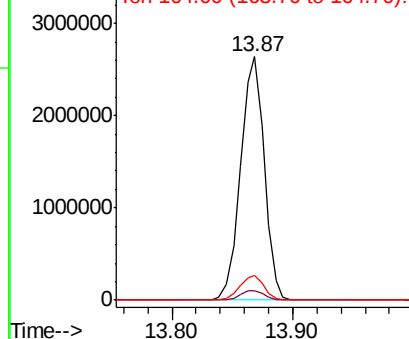
163 100

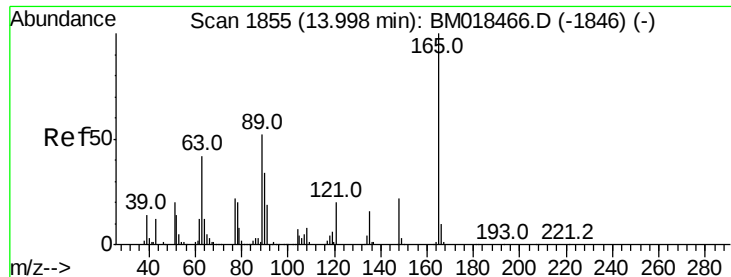
194 4.1 3.0 4.6

164 10.0 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: 32.542 ng

RT: 13.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

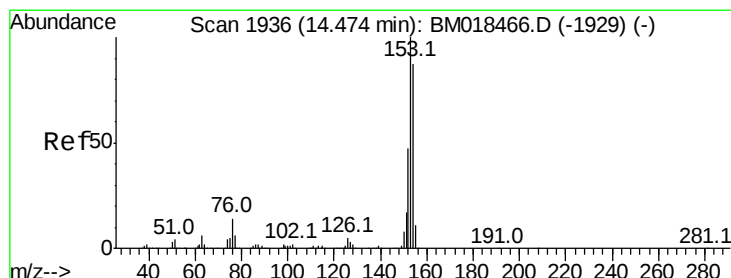
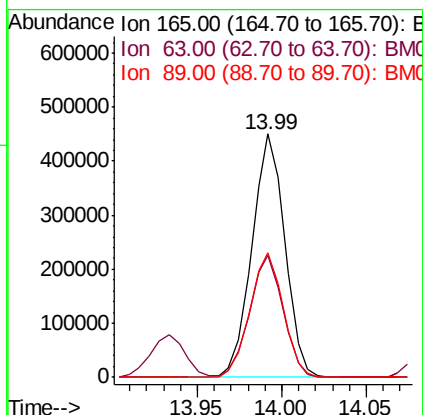
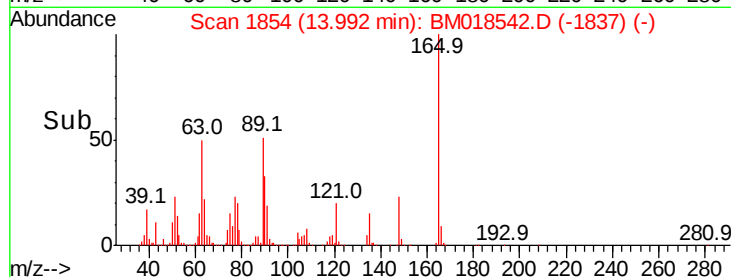
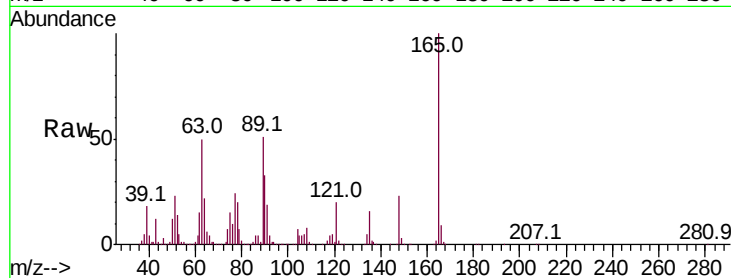
ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:	165	Resp:	609960
Ion Ratio	Lower	Upper	
165	100		
63	50.2	45.6	68.4
89	51.1	44.6	66.8

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#52

Acenaphthene

Concen: 29.974 ng

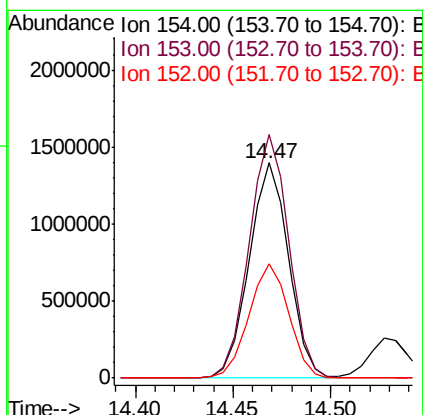
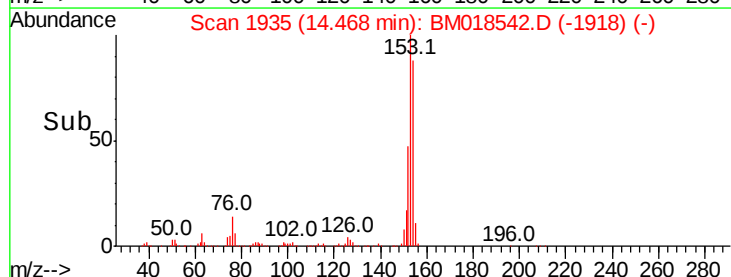
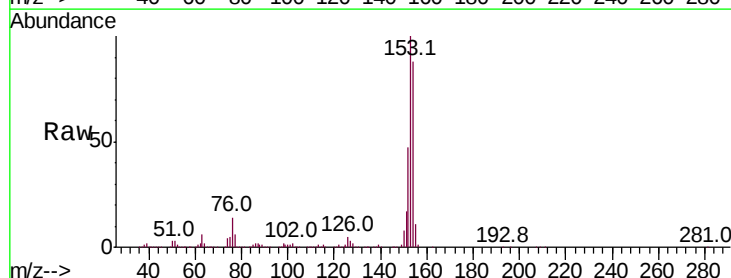
RT: 14.47 min Scan# 1935

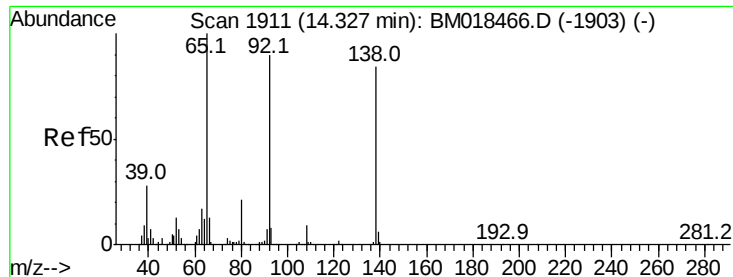
Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Tgt Ion:	154	Resp:	1949811
Ion Ratio	Lower	Upper	
154	100		
153	113.3	92.3	138.5
152	53.3	43.8	65.6





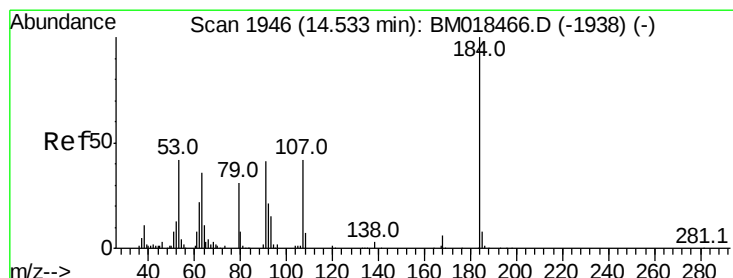
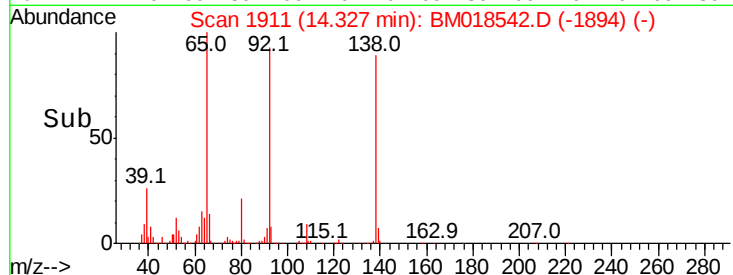
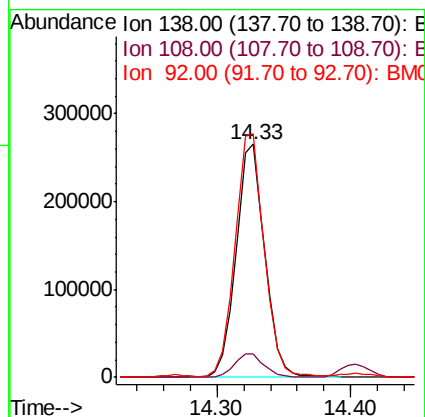
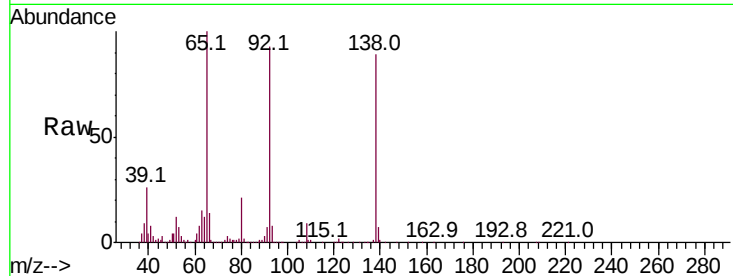
#53
3-Nitroaniline
Concen: 21.082 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.1	13.7
92	104.5	88.2	132.2

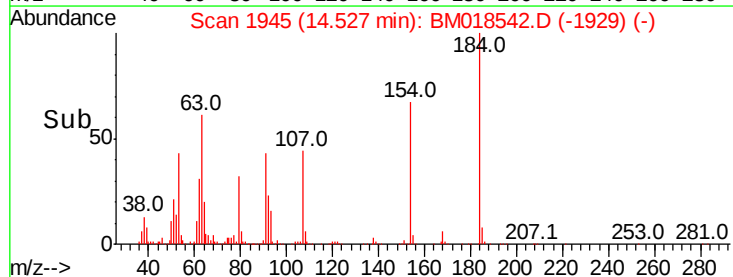
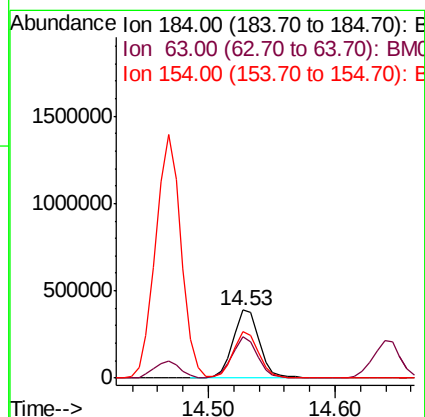
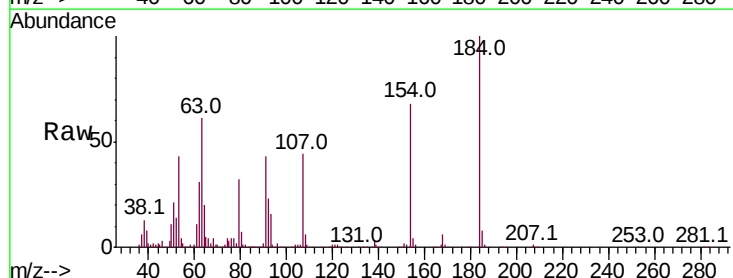
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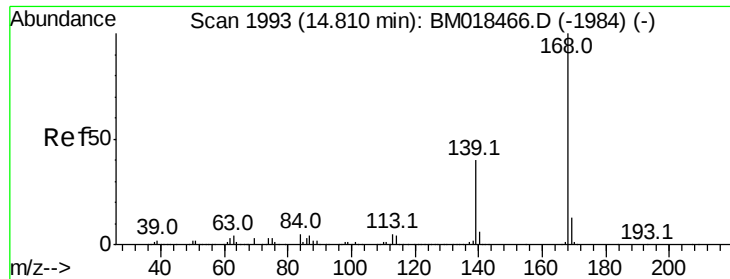
Sohil
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#54
2,4-Dinitrophenol
Concen: 57.279 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	55.9	83.9
154	67.6	54.2	81.4





#55

Dibenzofuran

Concen: 29.747 ng

RT: 14.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:168 Resp: 3197221

Ion Ratio Lower Upper

168 100

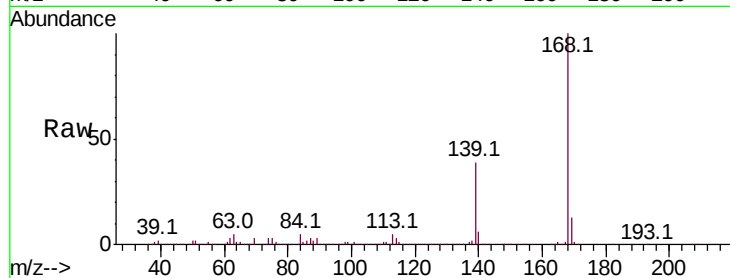
139 39.4 30.3 45.5

169 13.4 10.6 16.0

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Sohil

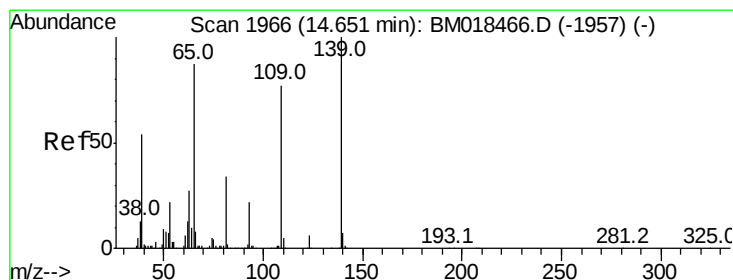
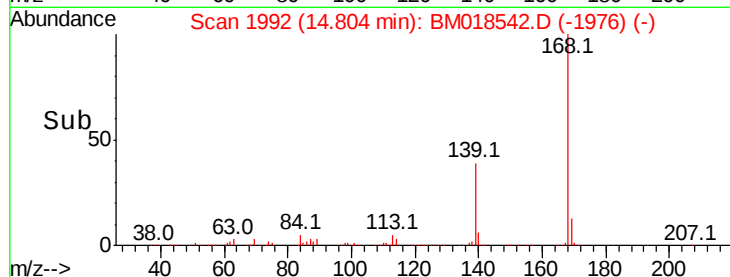
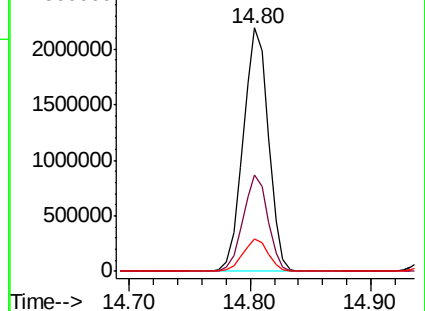
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 72.194 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

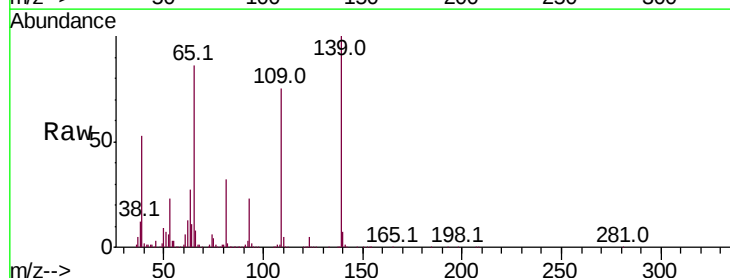
Tgt Ion:139 Resp: 1178562

Ion Ratio Lower Upper

139 100

109 75.4 51.7 91.7

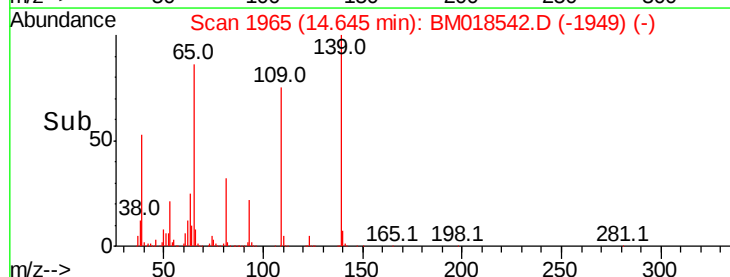
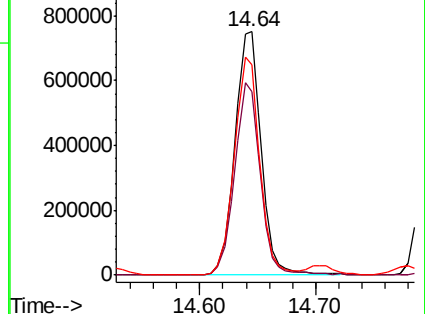
65 86.4 71.4 111.4

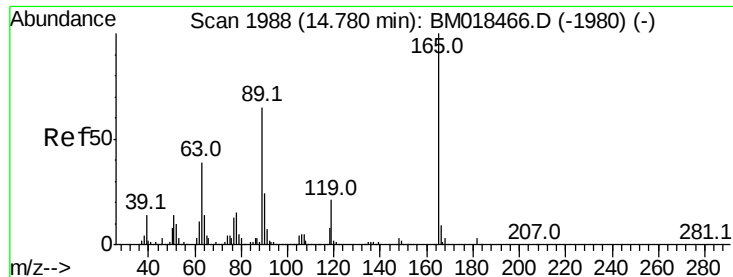


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 33.298 ng

RT: 14.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

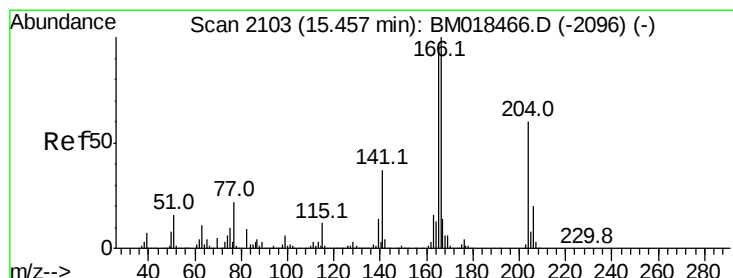
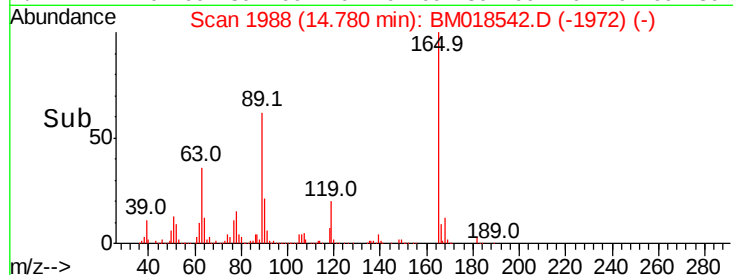
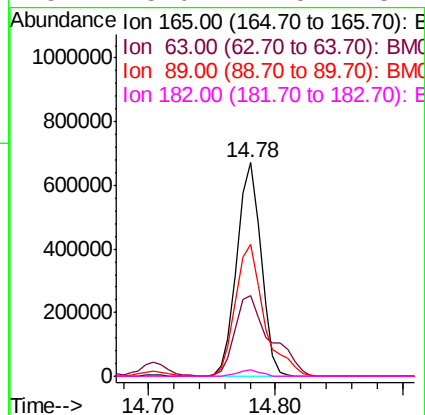
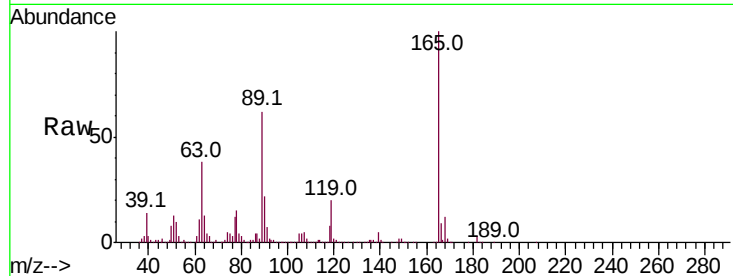
ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	883081		
63	37.9	32.2	48.2	
89	62.0	52.1	78.1	
182	3.0	2.5	3.7	

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#58

Fluorene

Concen: 32.984 ng

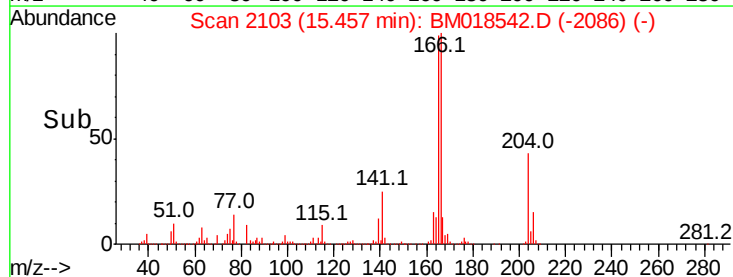
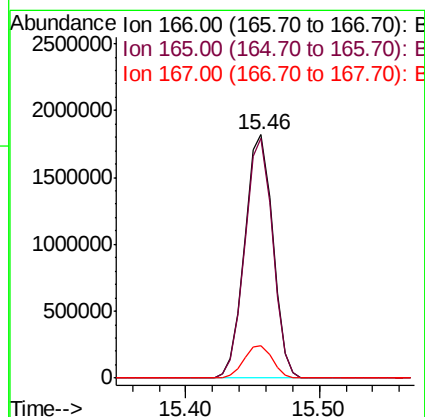
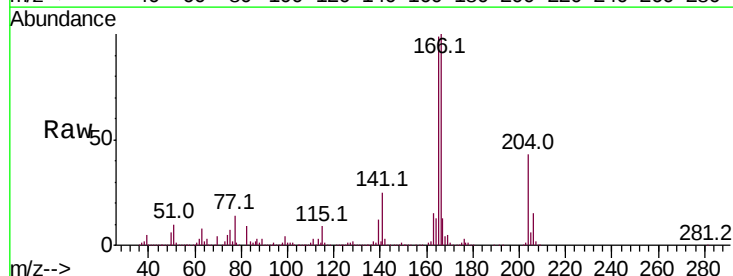
RT: 15.46 min Scan# 2103

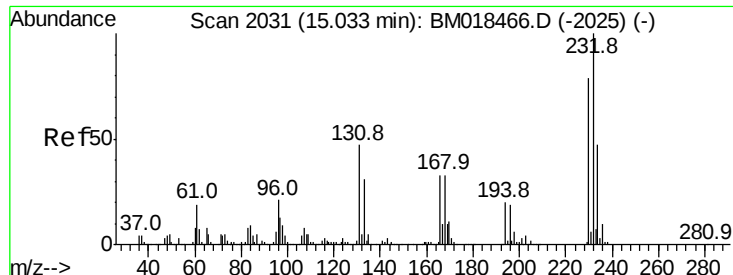
Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2640928		
165	98.7	78.3	117.5	
167	13.4	10.9	16.3	





#59

2,3,4,6-Tetrachlorophenol

Concen: 35.605 ng

RT: 15.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:232 Resp: 759430

Ion Ratio Lower Upper

232 100

131 47.0 38.6 57.8

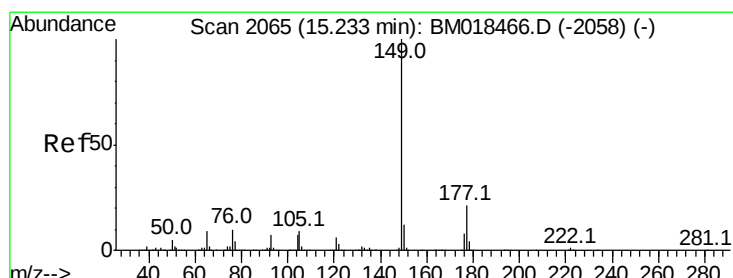
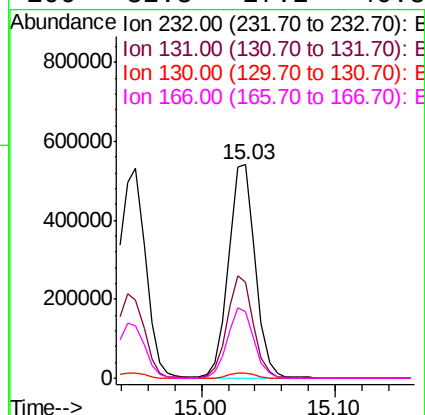
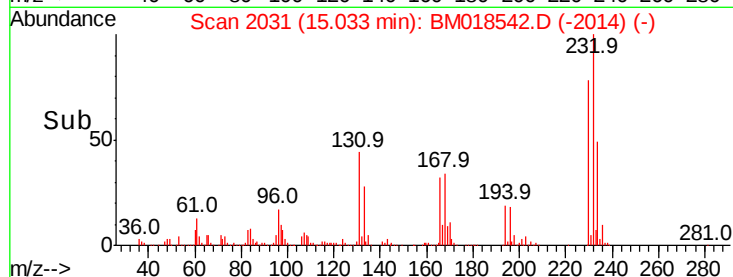
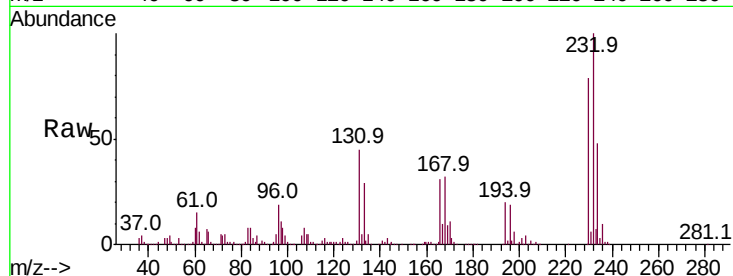
130 2.6 2.2 3.4

166 32.8 27.2 40.8

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#60

Diethylphthalate

Concen: 31.472 ng

RT: 15.23 min Scan# 2065

Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

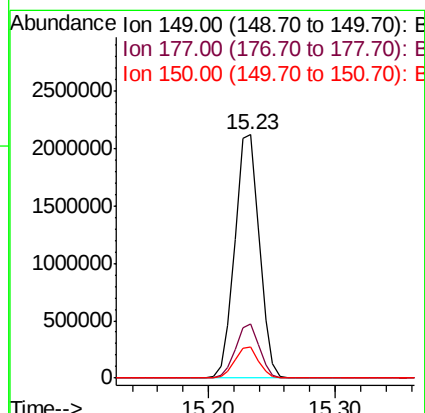
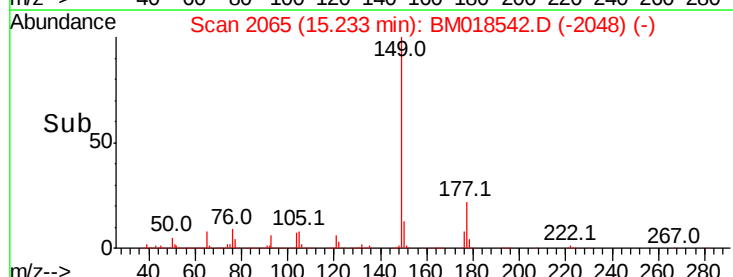
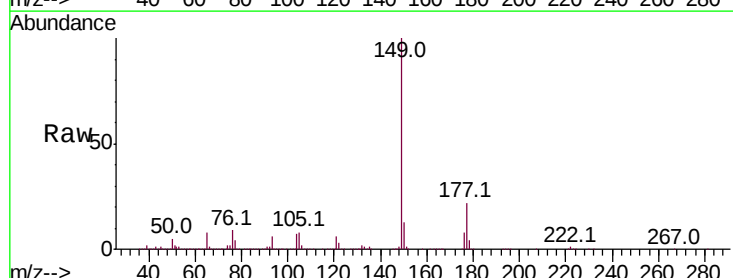
Tgt Ion:149 Resp: 2811358

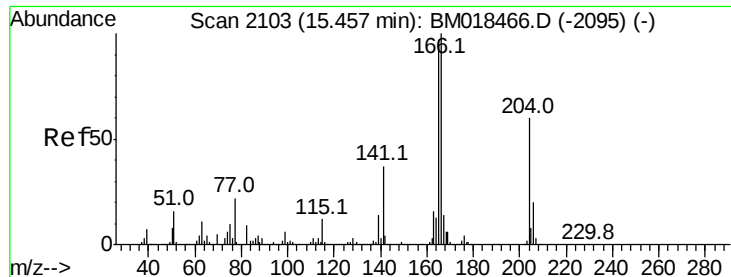
Ion Ratio Lower Upper

149 100

177 22.1 17.1 25.7

150 12.7 9.8 14.6





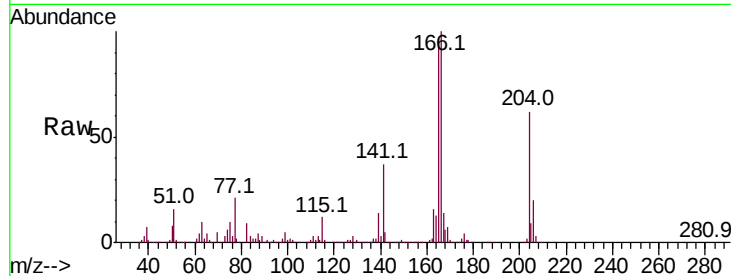
#61
4-Chlorophenyl-phenylether
Concen: 28.983 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

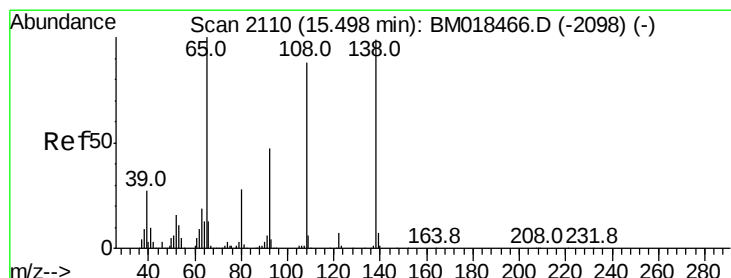
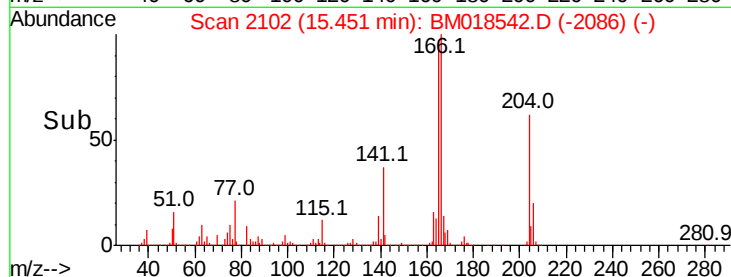
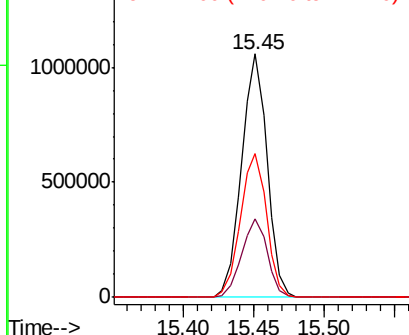
Tot Ion:204 Resp: 1337472
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 59.0 49.5 74.3

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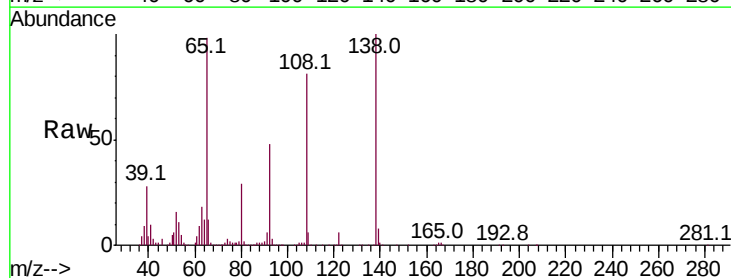


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

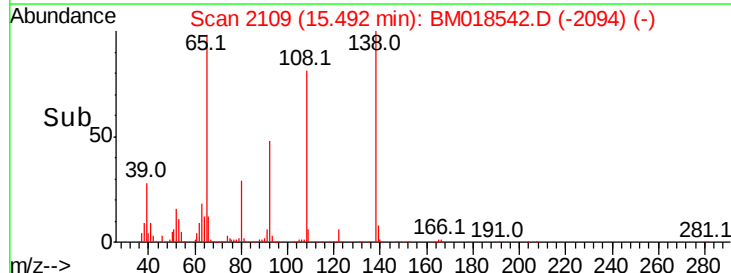
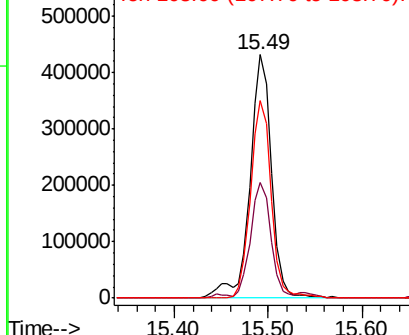


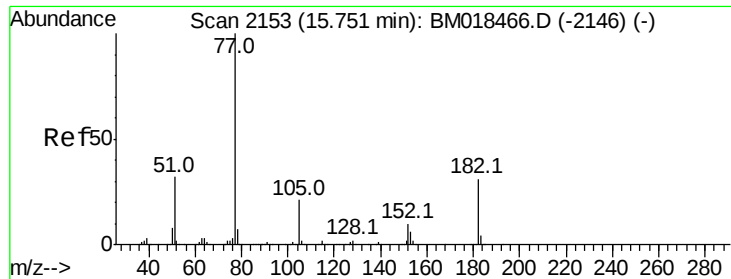
#62
4-Nitroaniline
Concen: 33.219 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion:138 Resp: 684700
Ion Ratio Lower Upper
138 100
92 47.6 29.0 69.0
108 80.9 63.9 103.9



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





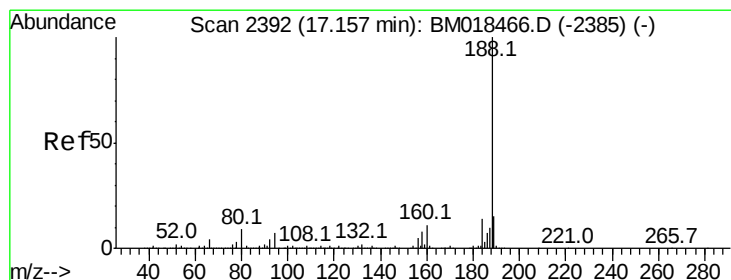
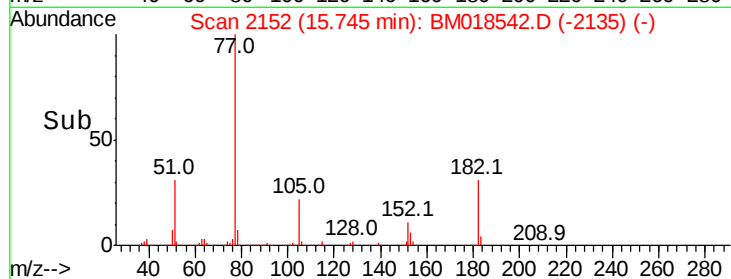
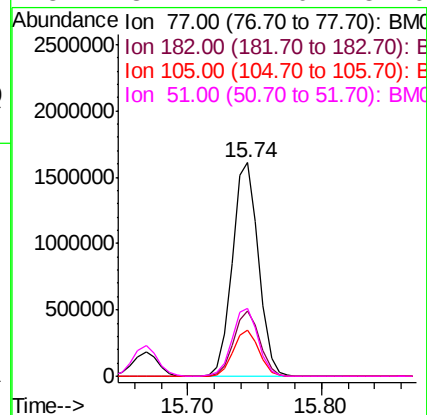
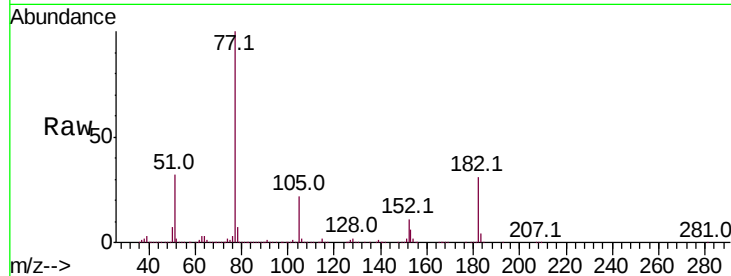
#63
Azobenzene
Concen: 30.250 ng
RT: 15.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.9	7.4	47.4
105	21.9	0.0	39.6
51	31.7	12.0	52.0

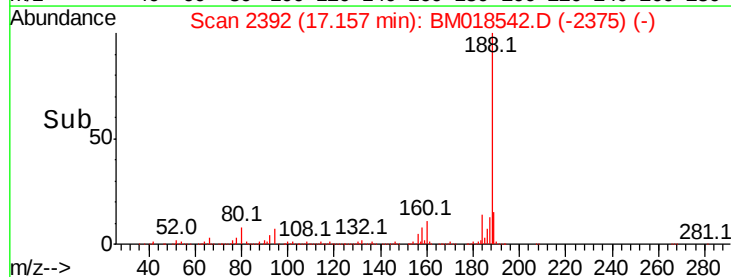
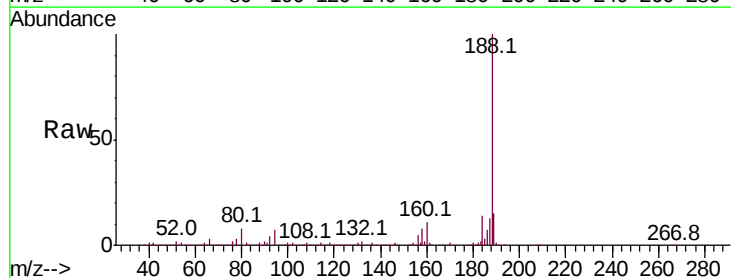
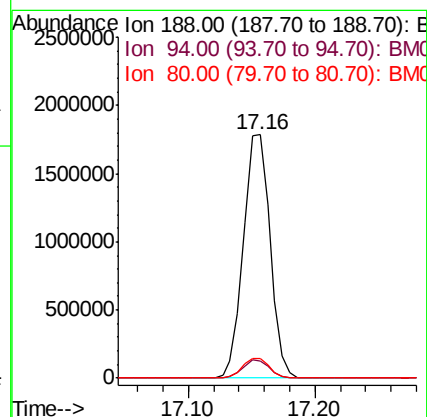
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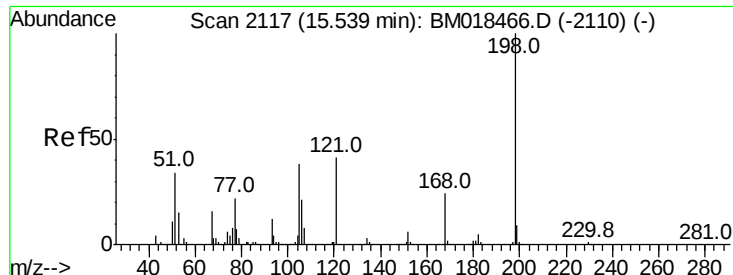
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.1	10.7
80	7.9	7.6	11.4





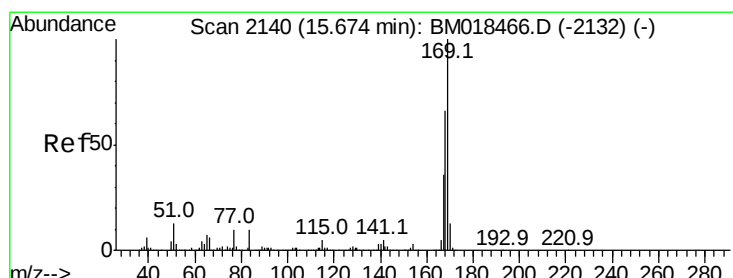
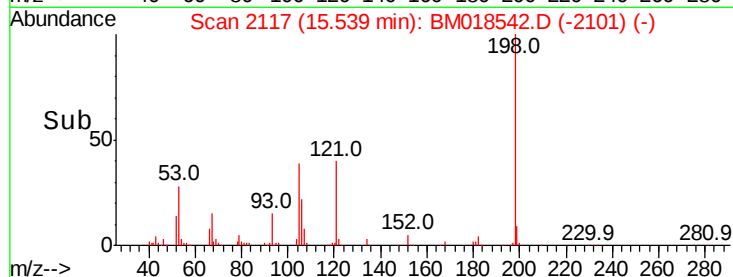
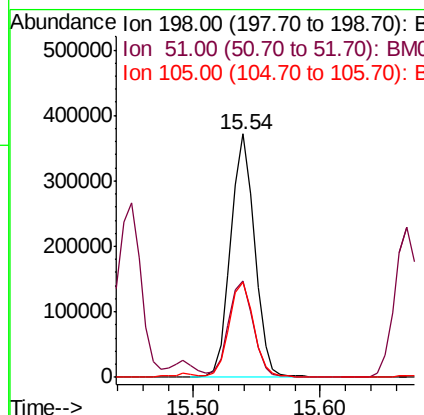
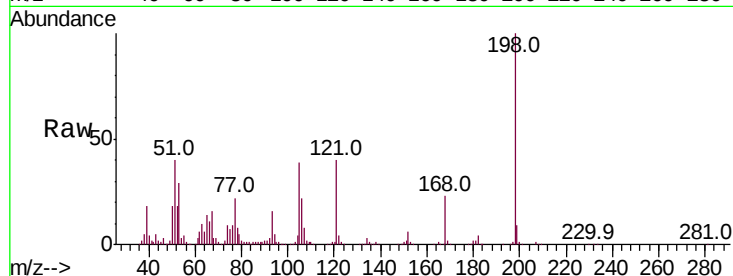
#65
4,6-Dinitro-2-methylphenol
Concen: 31.374 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	485653		
51	39.7	29.6	69.6	
105	39.2	25.5	65.5	

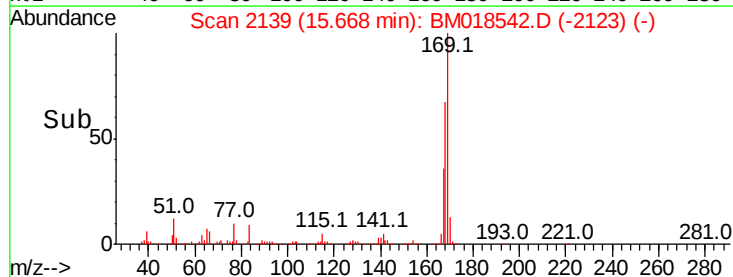
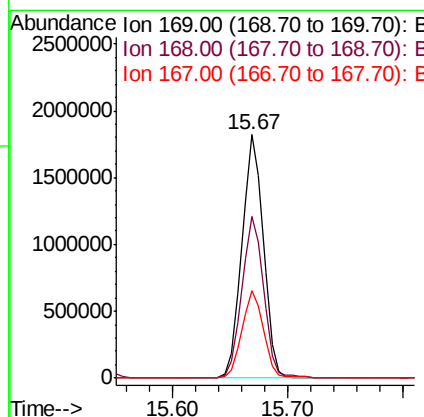
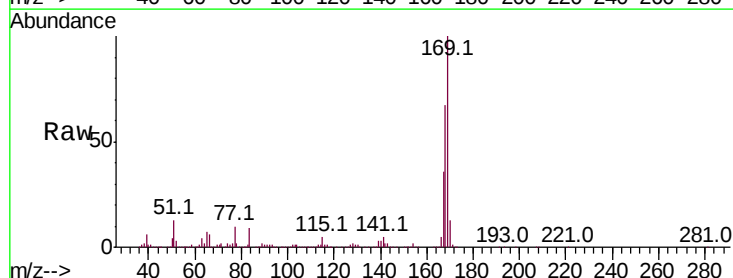
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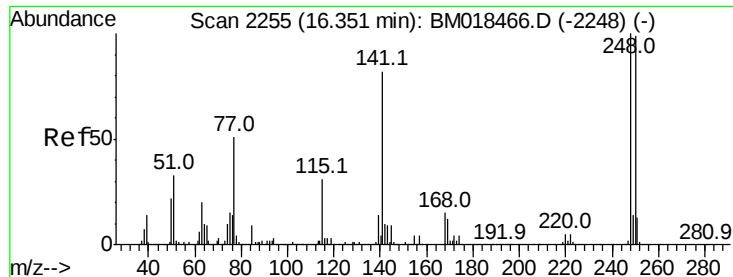
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#66
n-Nitrosodiphenylamine
Concen: 29.039 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2344872		
168	66.6	54.1	81.1	
167	35.9	28.6	42.8	





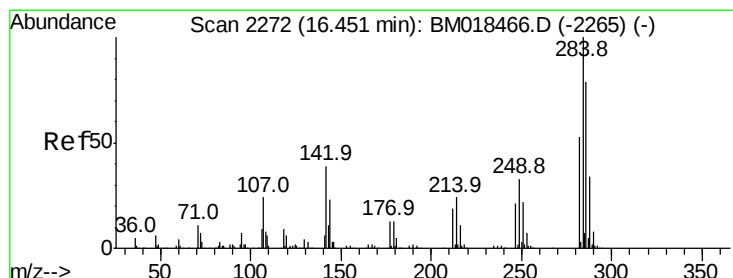
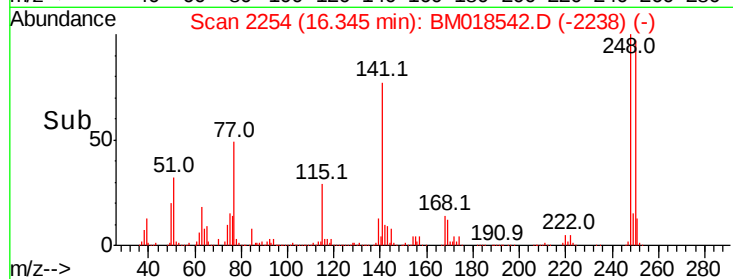
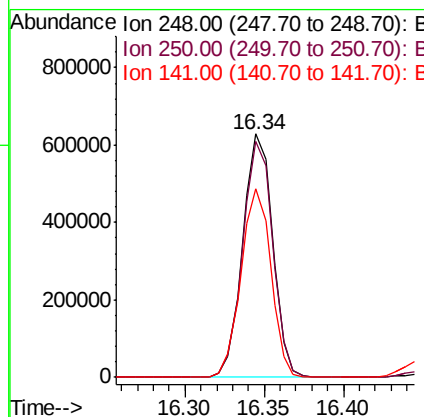
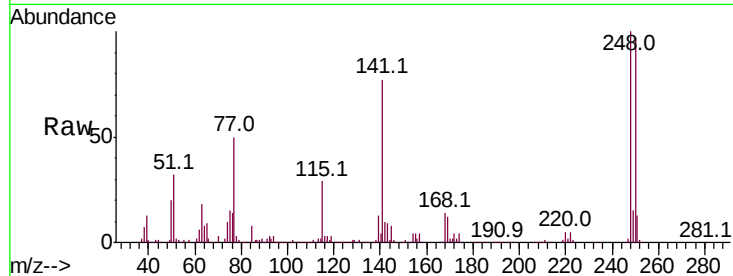
#67
 4-Bromophenyl-phenylether
 Concen: 28.371 ng
 RT: 16.34 min Scan# 2254
 Delta R.T. -0.01 min
 Lab File: BM018542.D
 Acq: 11 Jan 2019 19:45

Instrument :
 BNA_M
 ClientSampleId :
 BCB-COMPOSITEMSD

Tot Ion:	248	Resp:	826458
Ion Ratio	Lower	Upper	
248	100		
250	97.1	76.0	114.0
141	77.4	61.5	92.3

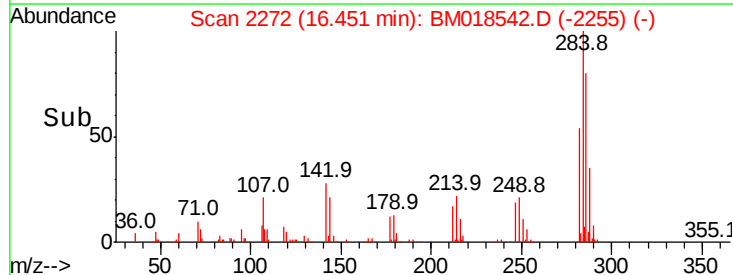
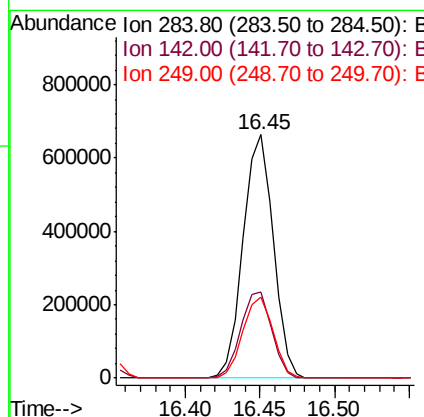
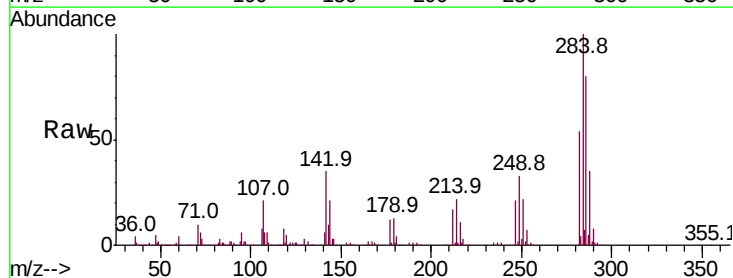
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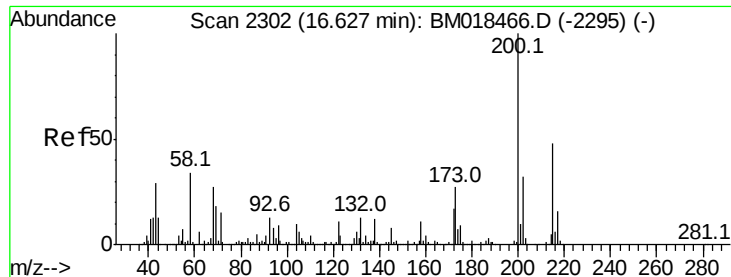
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#68
 Hexachlorobenzene
 Concen: 28.498 ng
 RT: 16.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BM018542.D
 Acq: 11 Jan 2019 19:45

Tgt Ion:	284	Resp:	929350
Ion Ratio	Lower	Upper	
284	100		
142	35.2	29.2	43.8
249	33.1	26.1	39.1





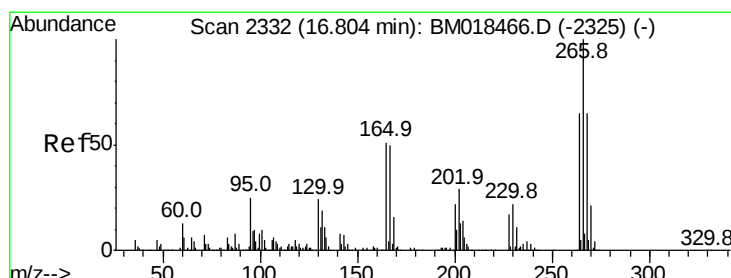
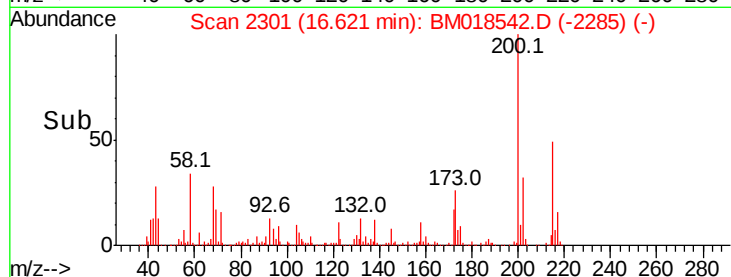
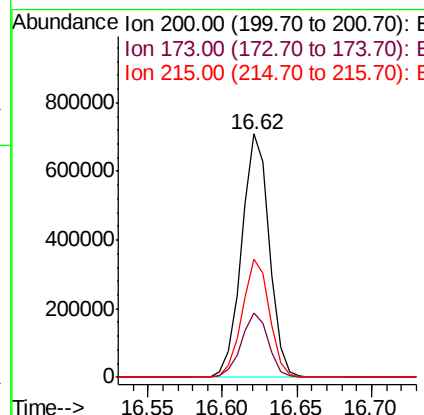
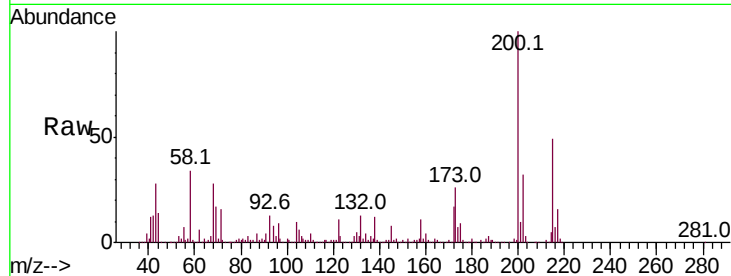
#69
Atrazine
Concen: 31.183 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.2	47.2
215	48.6	28.3	68.3

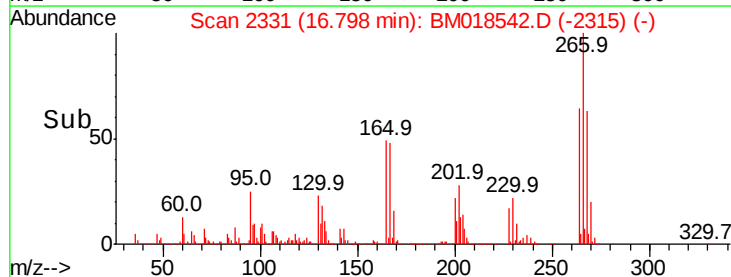
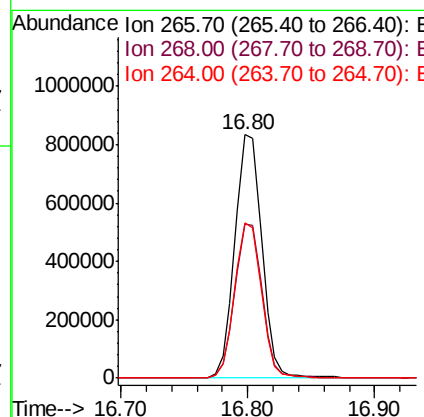
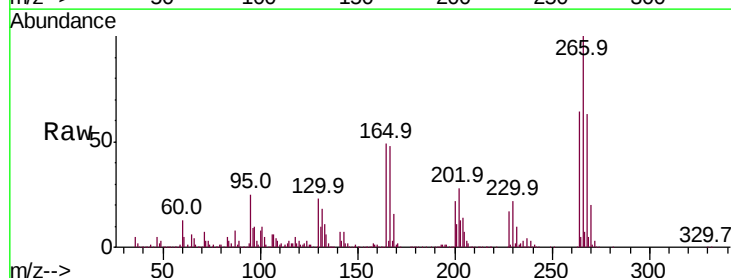
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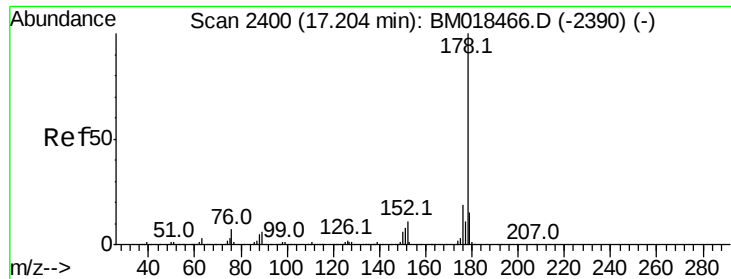
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#70
Pentachlorophenol
Concen: 57.486 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.8	74.6
264	63.8	50.1	75.1





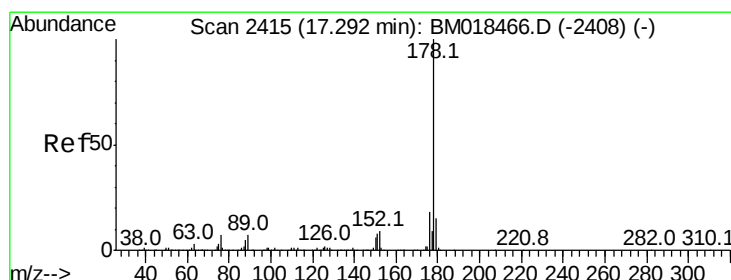
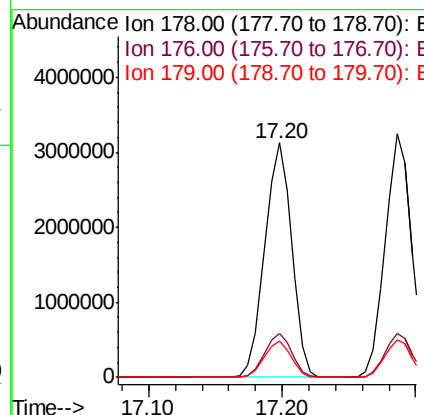
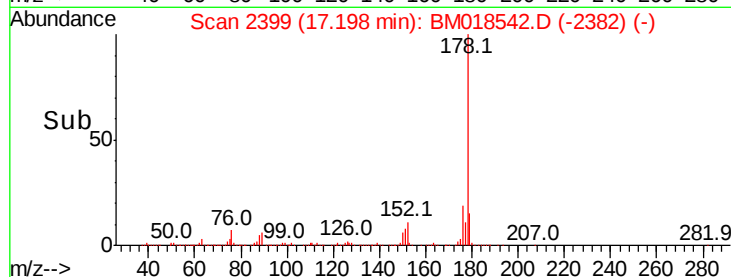
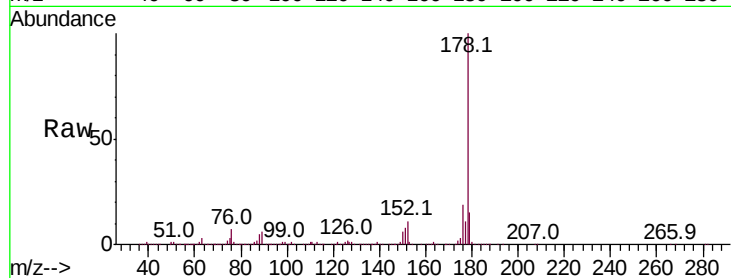
#71
Phenanthrene
Concen: 31.491 ng
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion:178 Resp: 4360213
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.2 12.2 18.4

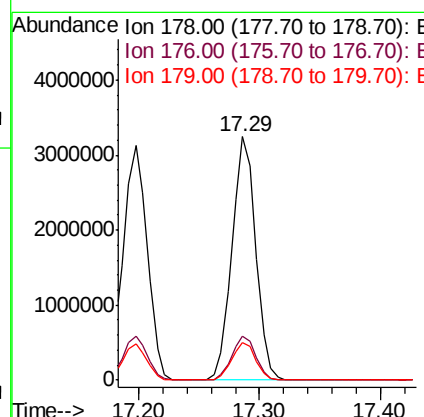
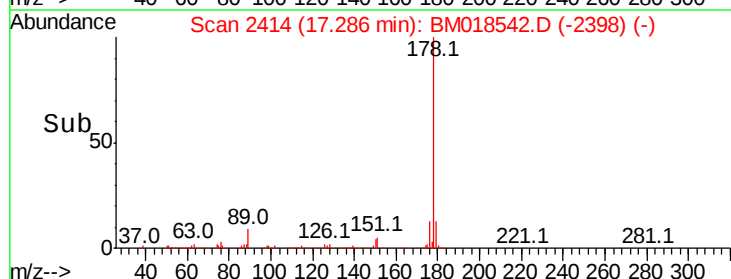
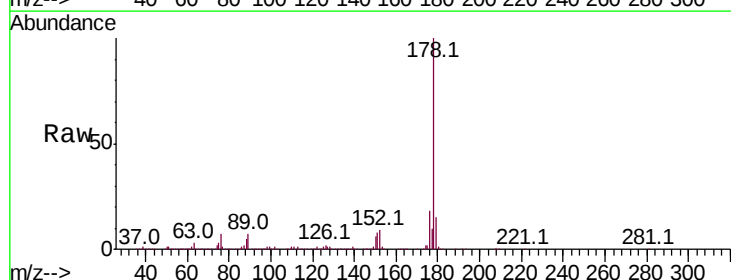
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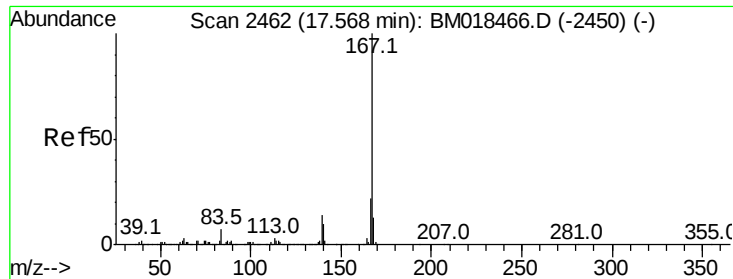
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#72
Anthracene
Concen: 33.294 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion:178 Resp: 4432937
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.3 12.2 18.4





#73

Carbazole

Concen: 30.819 ng

RT: 17.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:167 Resp: 4215800

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

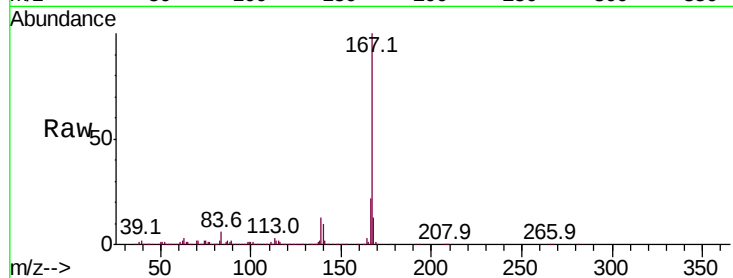
139 13.2 10.6 16.0

Manual Integrations

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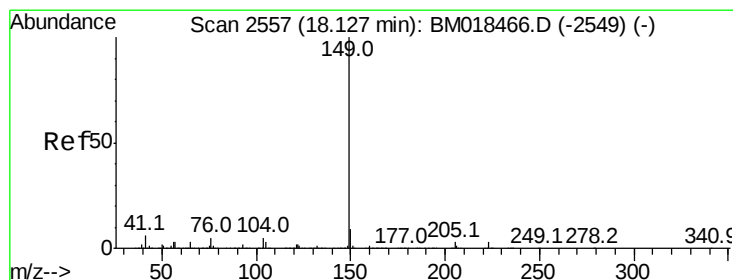
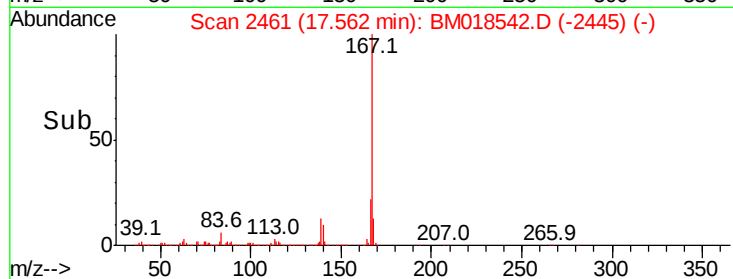
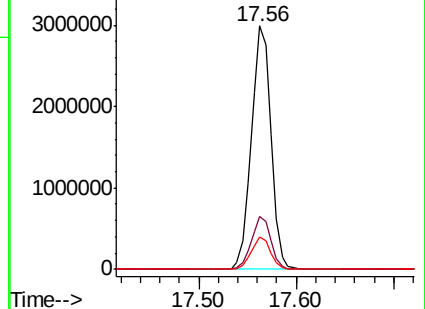
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 33.417 ng

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

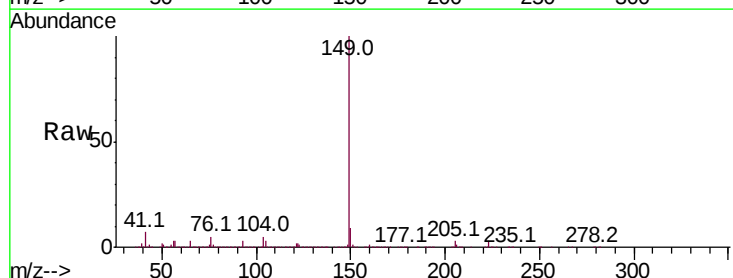
Tgt Ion:149 Resp: 5007097

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

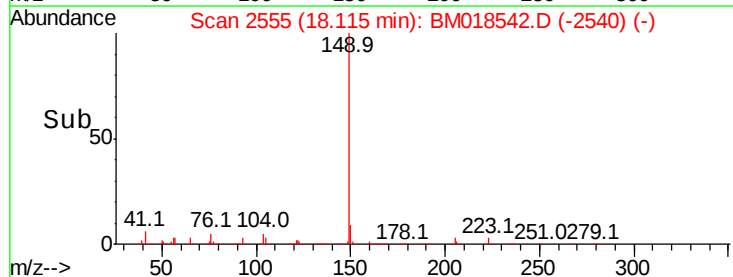
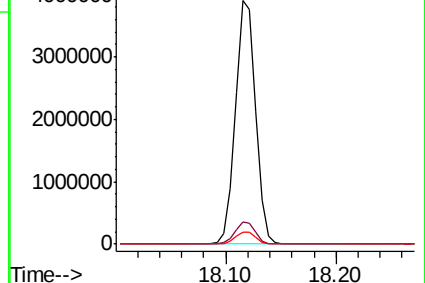
104 4.9 4.2 6.4

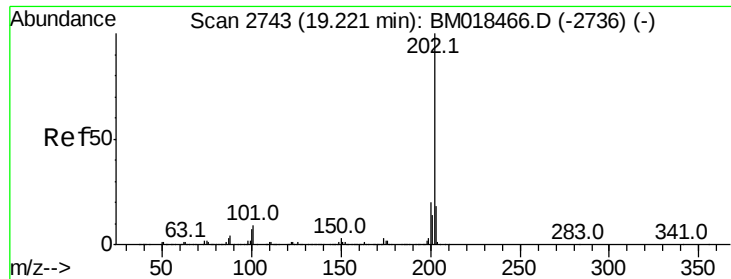


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 34.125 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

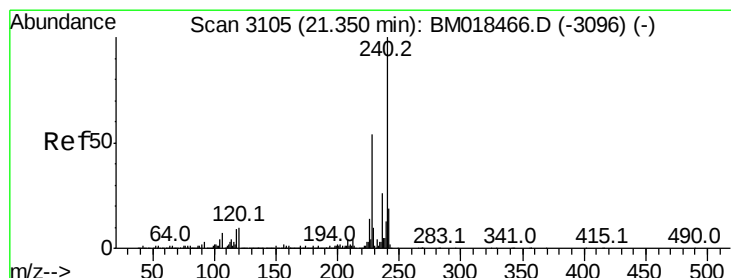
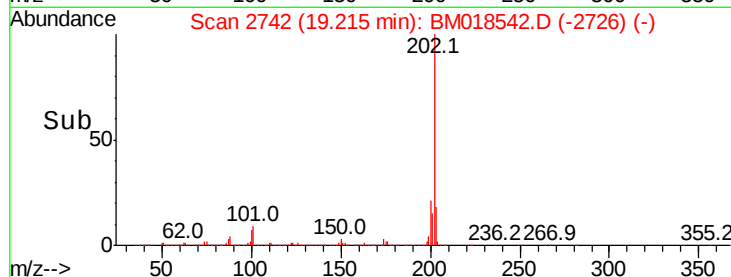
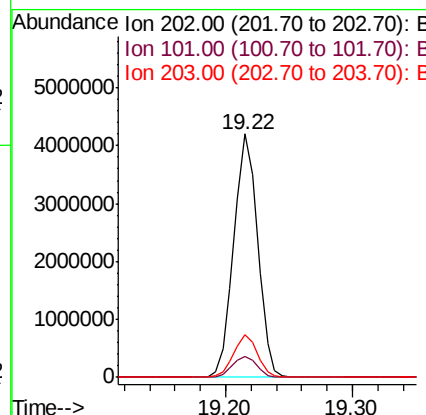
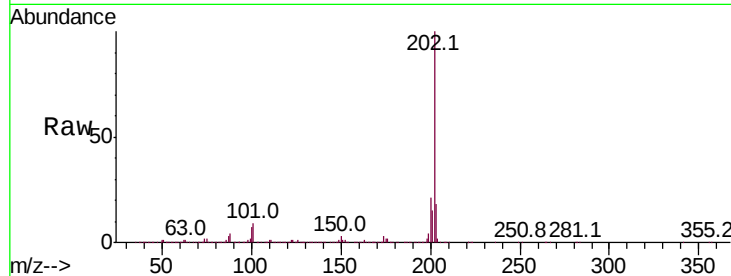
ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.9
203	17.5	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

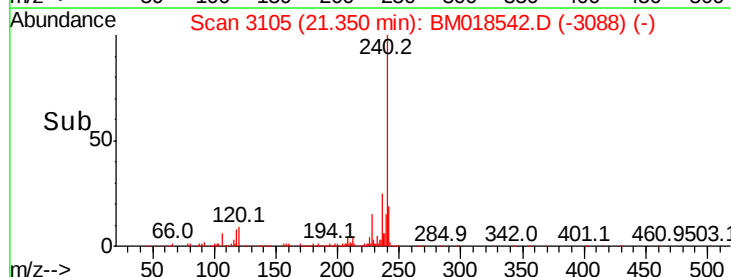
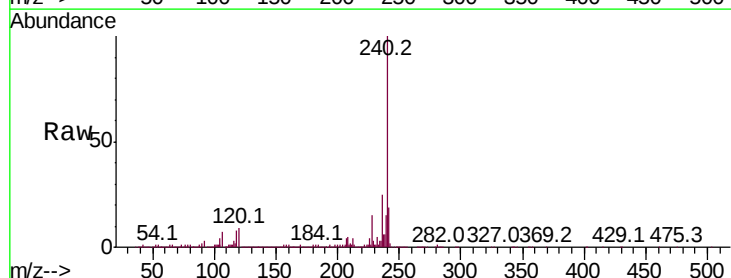
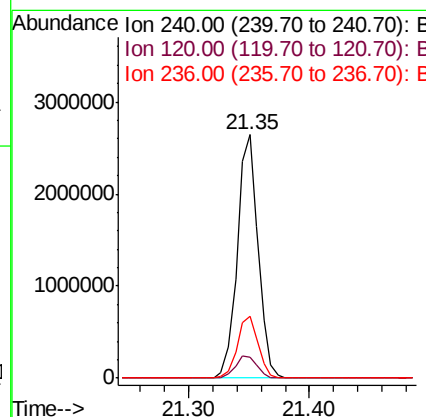
RT: 21.35 min Scan# 3105

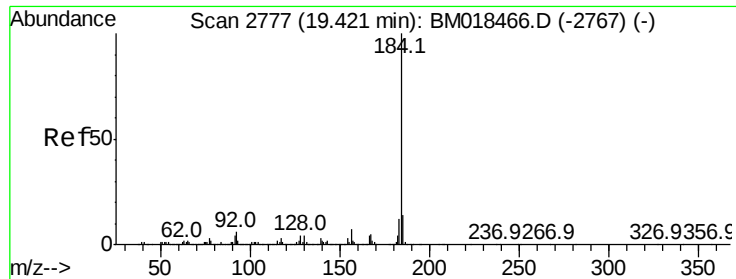
Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.4	12.6
236	25.4	20.7	31.1





#77

Benzidine

Concen: 32.089 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:184 Resp: 2507992

Ion Ratio Lower Upper

184 100

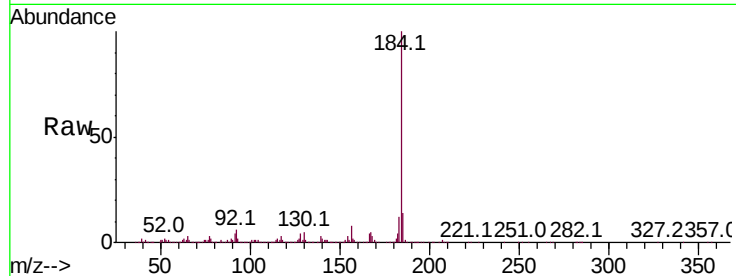
185 14.3 11.4 17.0

183 11.7 9.5 14.3

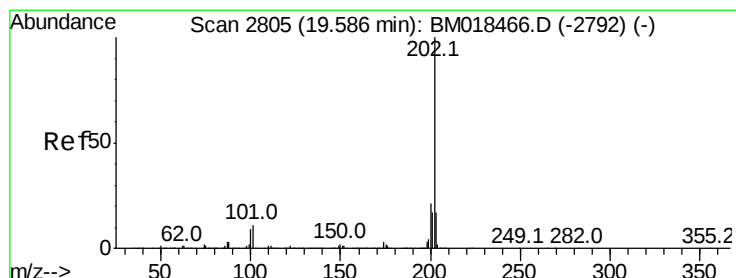
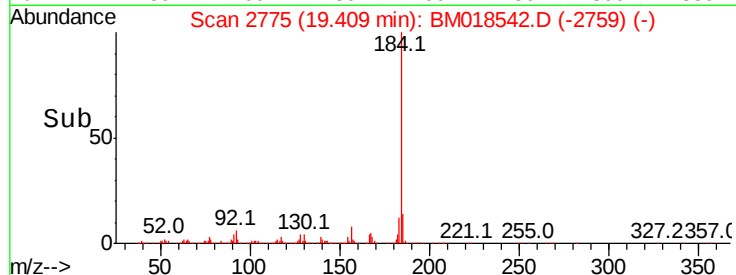
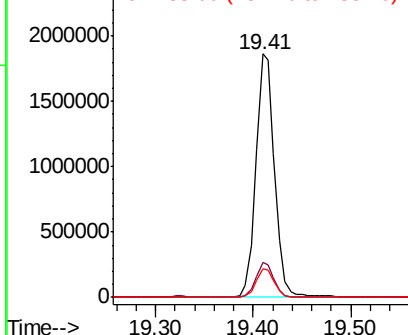
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
2500000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 29.892 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

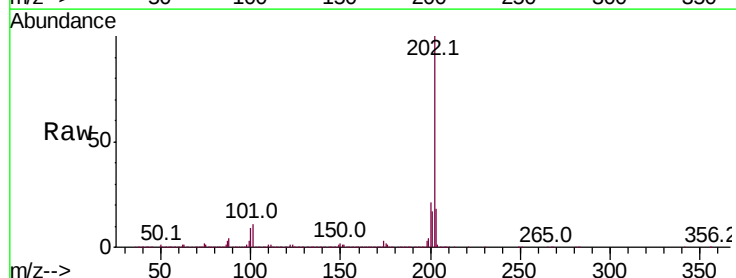
Tgt Ion:202 Resp: 5608418

Ion Ratio Lower Upper

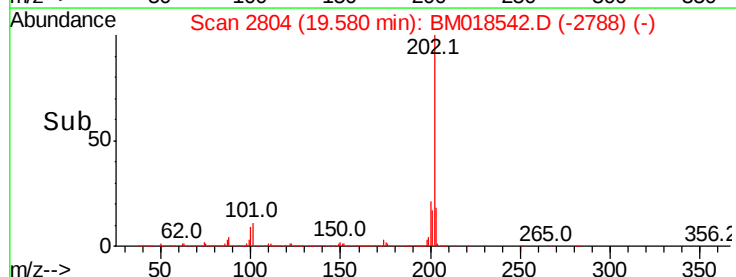
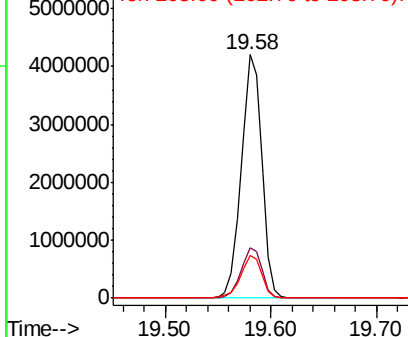
202 100

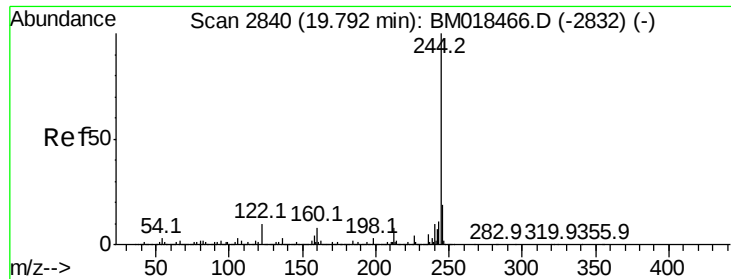
200 20.8 16.6 24.8

203 17.6 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
5000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.836 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:244 Resp: 8534168

Ion Ratio Lower Upper

244 100

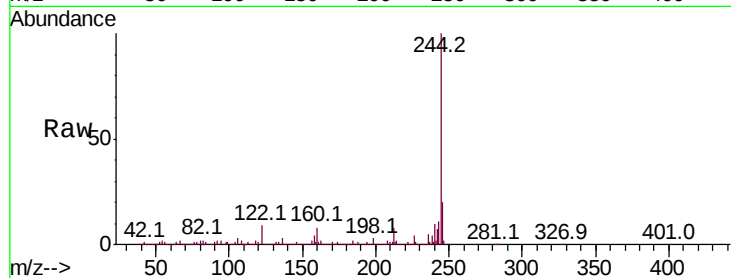
212 7.6 5.9 8.9

122 9.5 9.0 13.4

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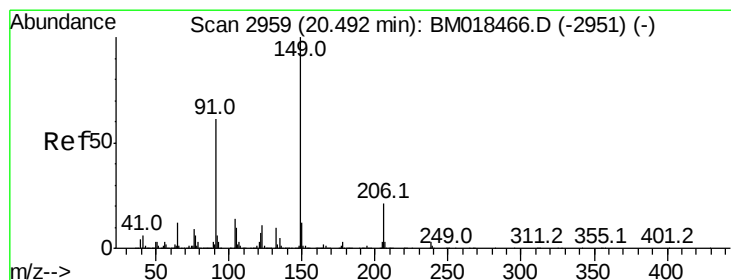
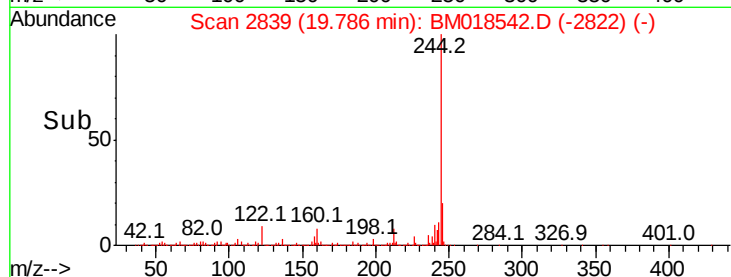
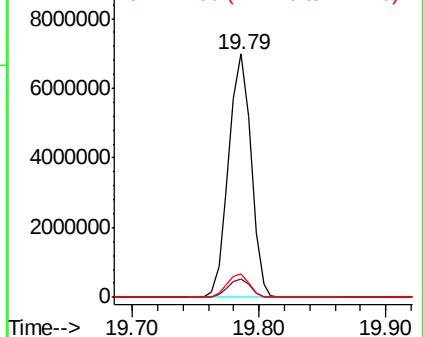
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.273 ng

RT: 20.48 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

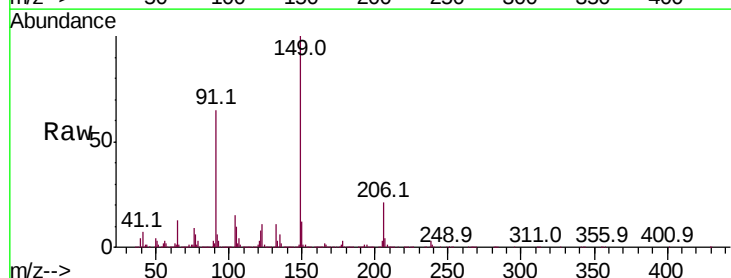
Tgt Ion:149 Resp: 2583789

Ion Ratio Lower Upper

149 100

91 64.6 53.1 79.7

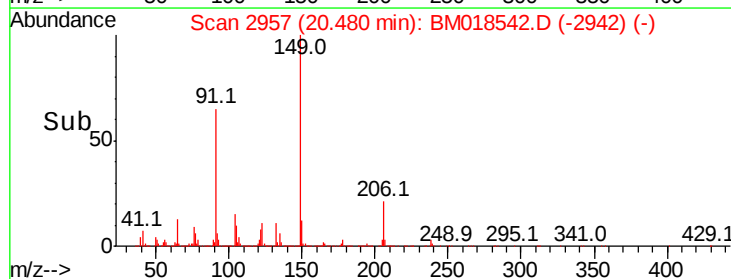
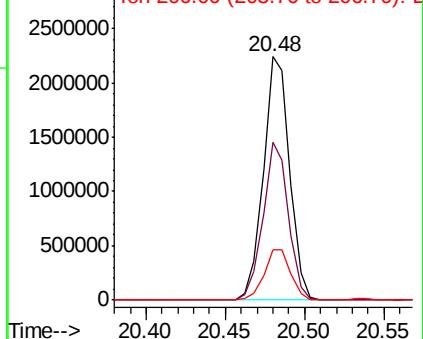
206 20.7 16.2 24.4

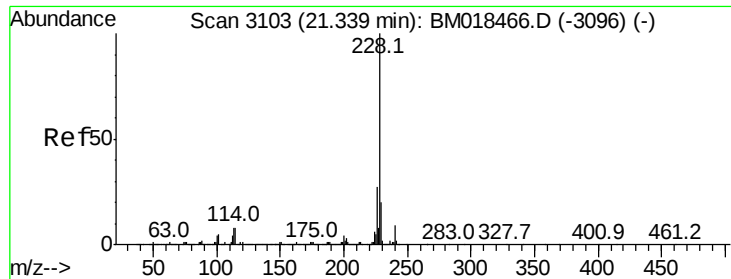


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 32.029 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:228 Resp: 5972566

Ion Ratio Lower Upper

228 100

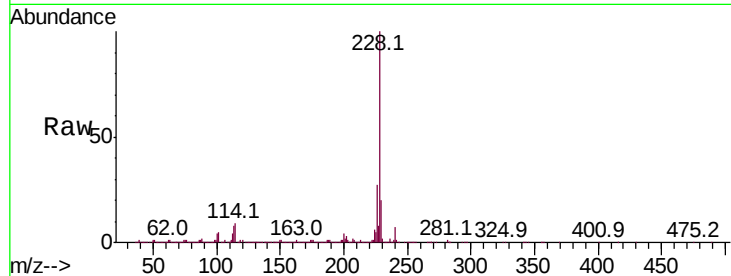
226 27.4 21.8 32.6

229 19.8 15.8 23.8

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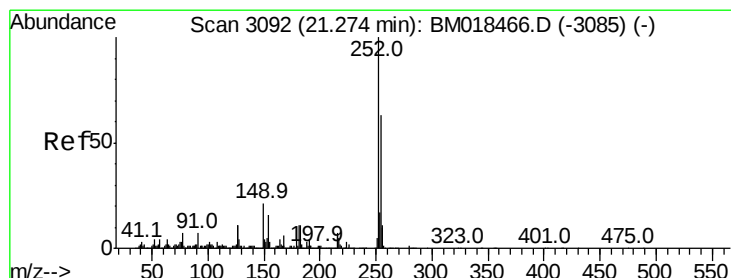
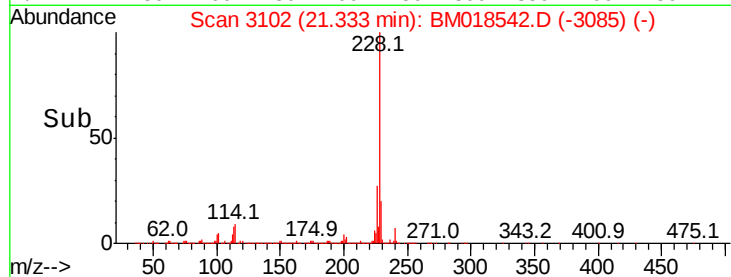
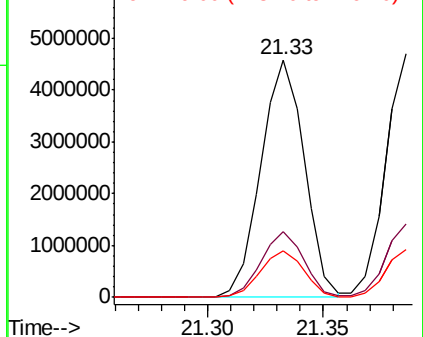


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.747 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

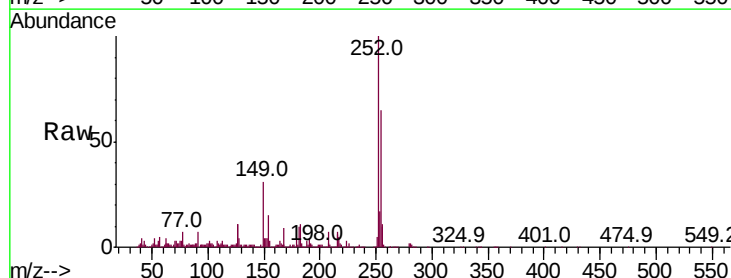
Tgt Ion:252 Resp: 1321896

Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.0

126 10.8 8.7 13.1

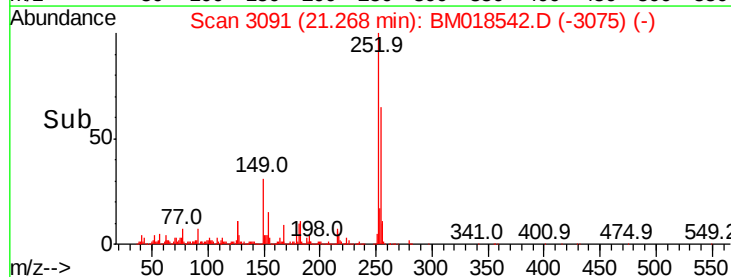
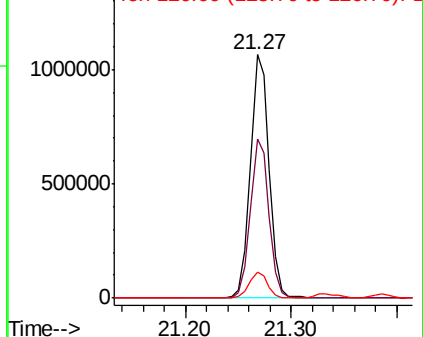


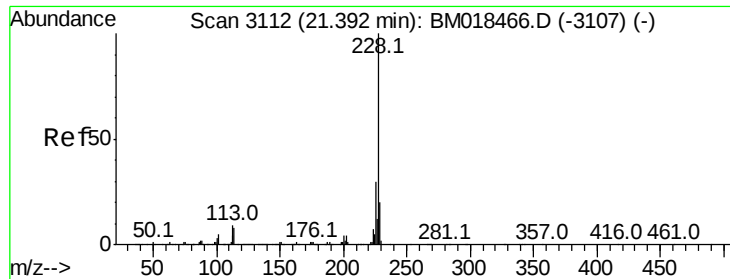
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





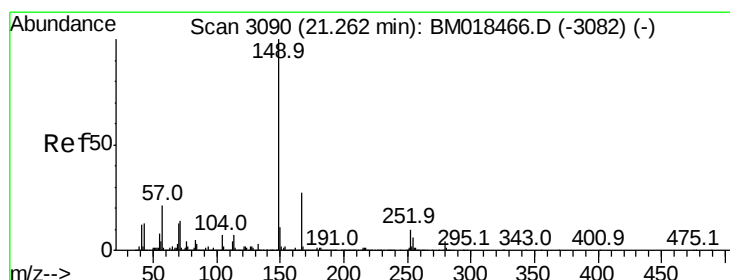
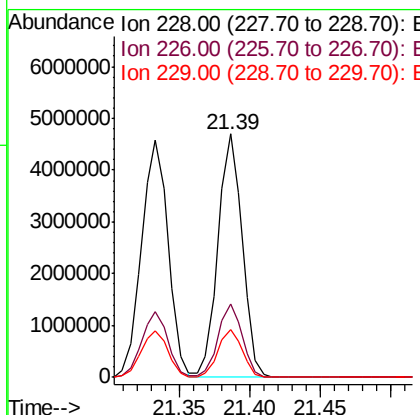
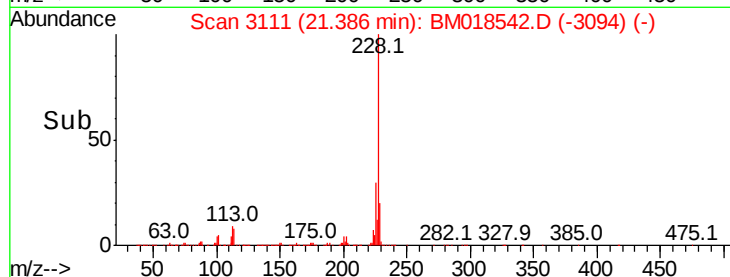
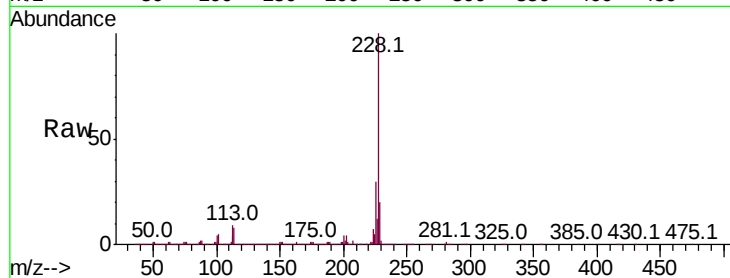
#83
Chrysene
Concen: 31.254 ng
RT: 21.39 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion:228 Resp: 5627954
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.7 15.6 23.4

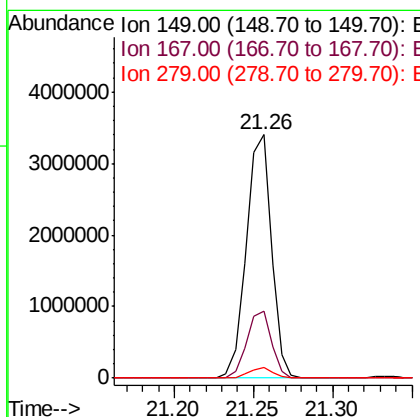
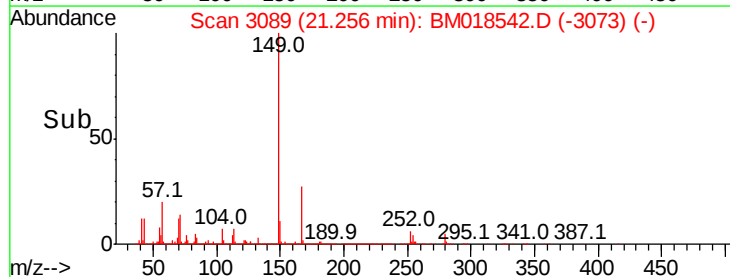
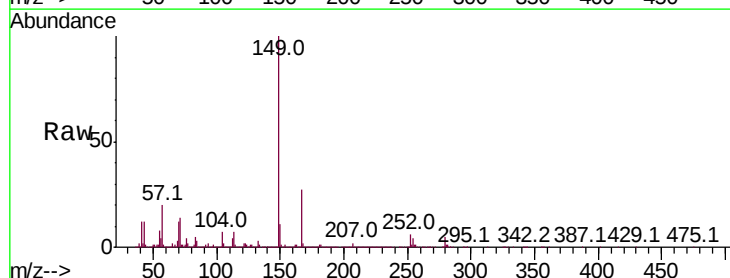
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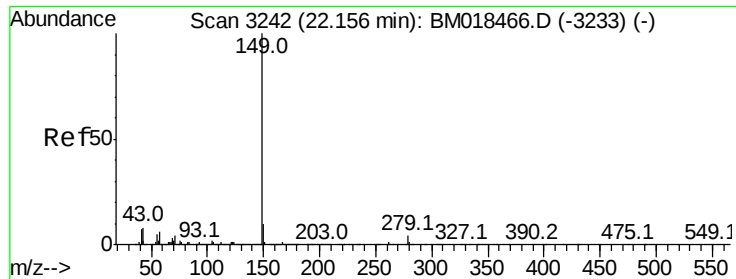
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 32.253 ng
RT: 21.26 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion:149 Resp: 3728713
Ion Ratio Lower Upper
149 100
167 27.5 21.6 32.4
279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 34.542 ng

RT: 22.14 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BCB-COMPOSITEMSD

Tot Ion:149 Resp: 6716470

Ion Ratio Lower Upper

149 100

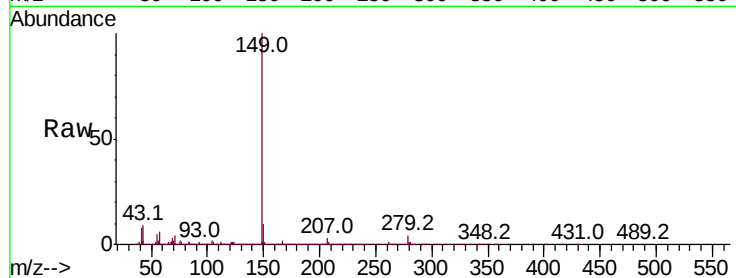
167 1.6 1.3 1.9

43 8.2 8.6 12.8#

Manual Integrations
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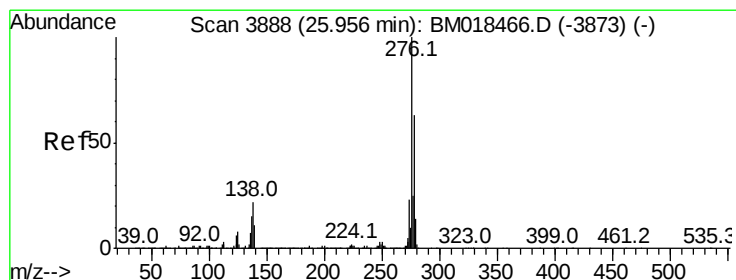
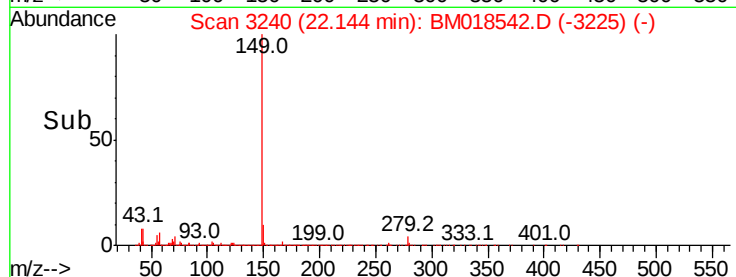
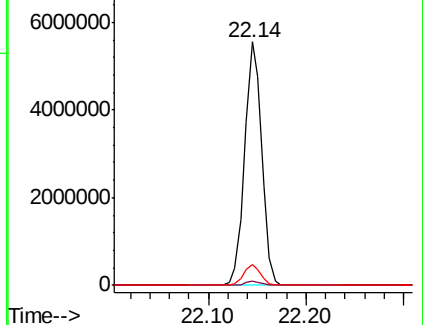
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.772 ng

RT: 25.96 min Scan# 3888

Delta R.T. 0.01 min

Lab File: BM018542.D

Acq: 11 Jan 2019 19:45

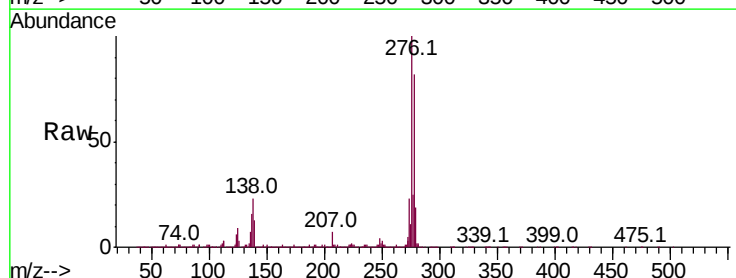
Tgt Ion:276 Resp: 8050645

Ion Ratio Lower Upper

276 100

138 23.2 21.5 32.3

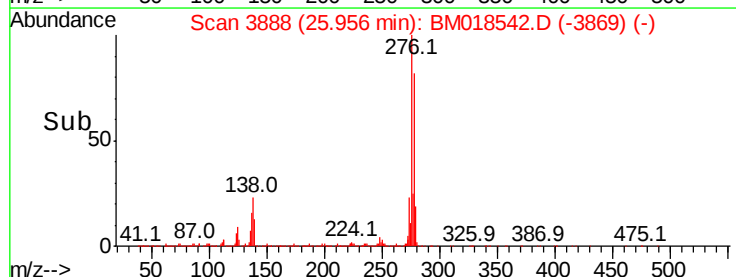
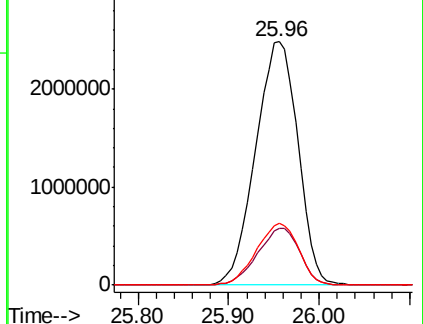
277 25.2 20.2 30.2

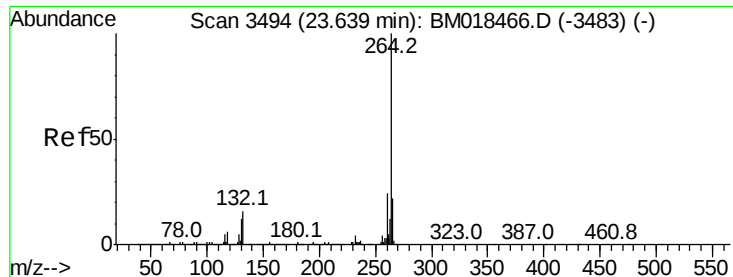


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





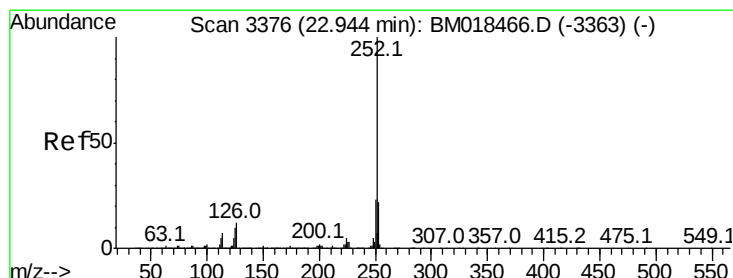
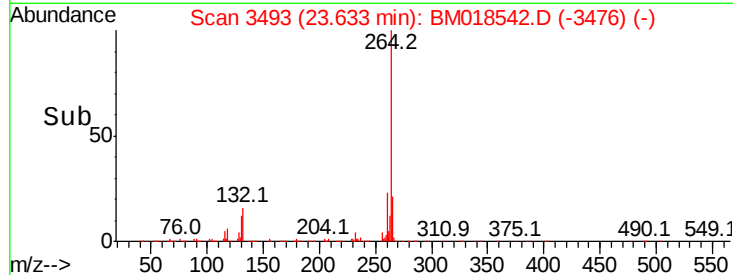
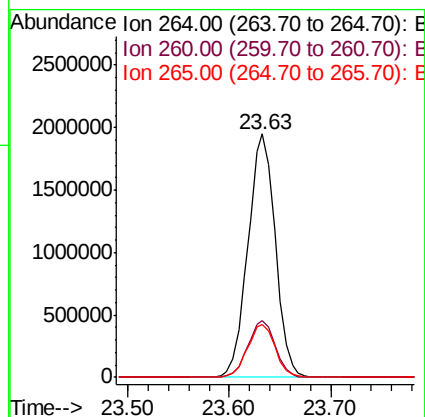
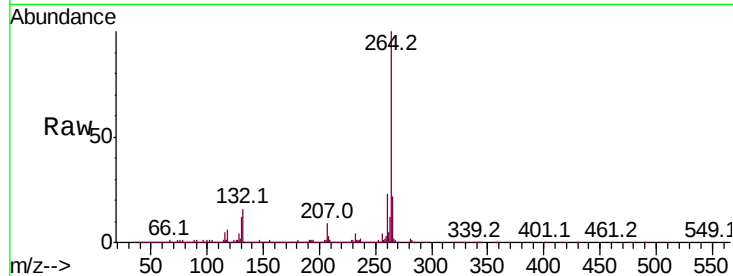
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion:264 Resp: 3639971
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.5 16.8 25.2

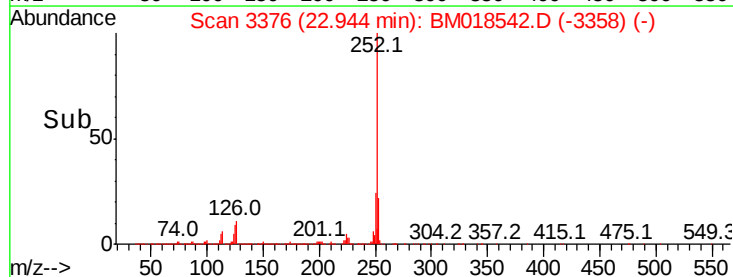
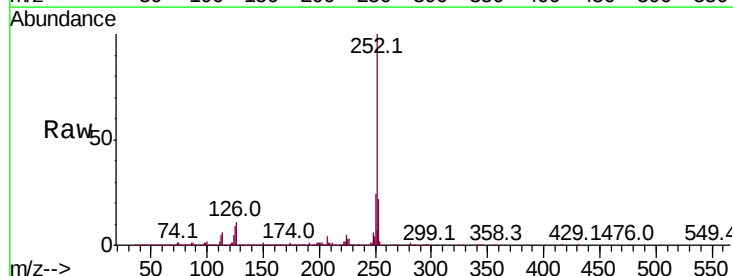
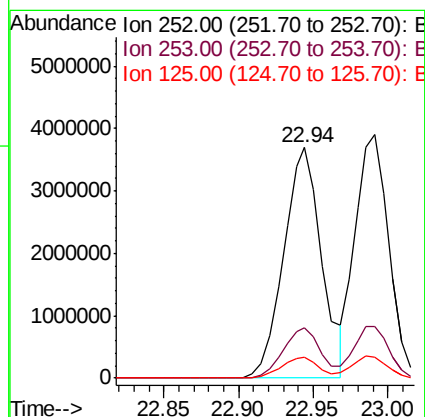
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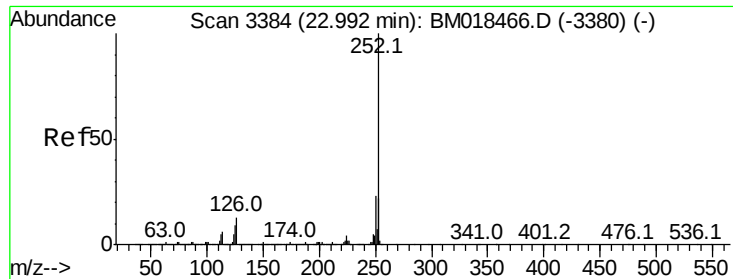
Sohil
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#88
Benzo(b)fluoranthene
Concen: 31.728 ng
RT: 22.94 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion:252 Resp: 6556660
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.9 8.5 12.7





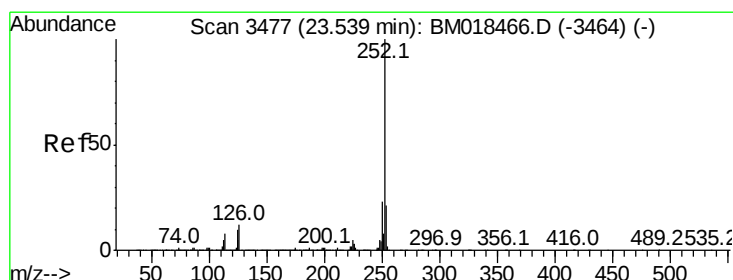
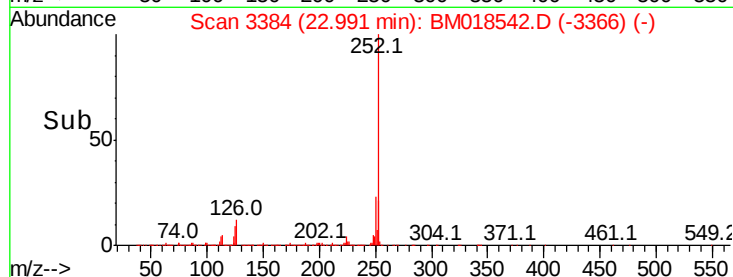
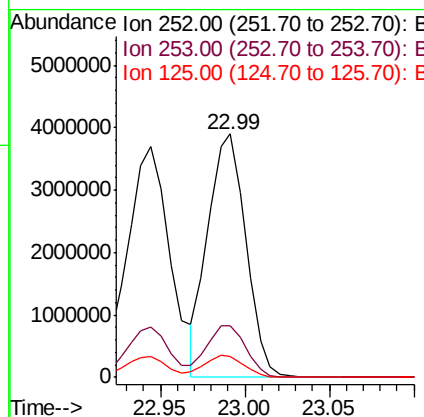
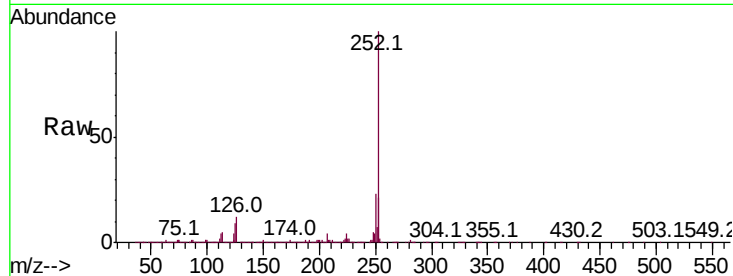
#89
Benzo(k)fluoranthene
Concen: 29.239 ng
RT: 22.99 min Scan# 3384
Delta R.T. 0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	8.6	8.6	12.8

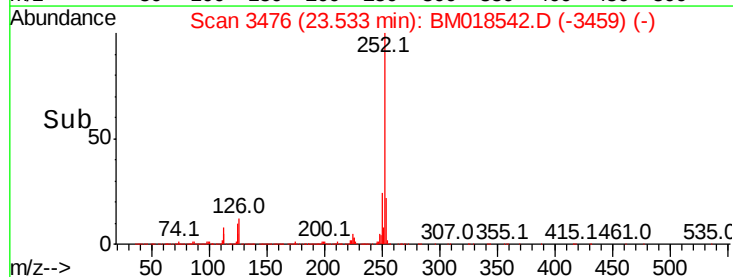
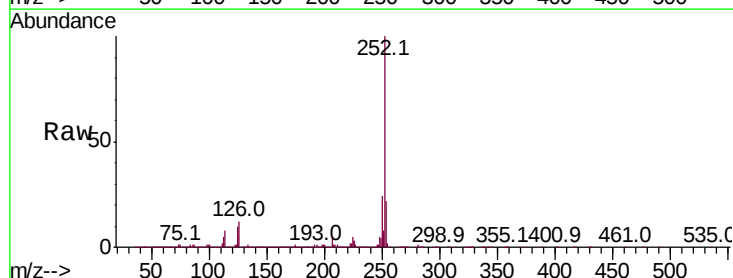
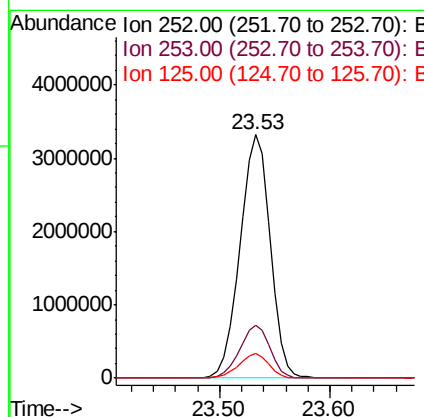
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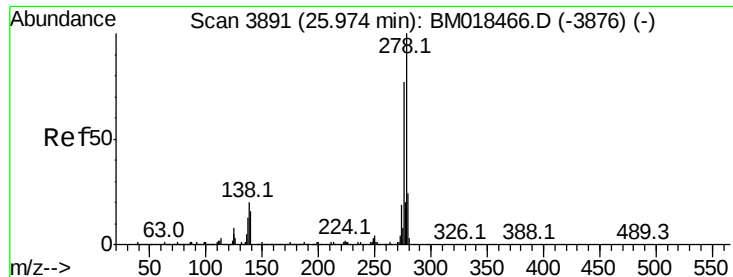
Sohil
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#90
Benzo(a)pyrene
Concen: 32.301 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.0	9.7	14.5





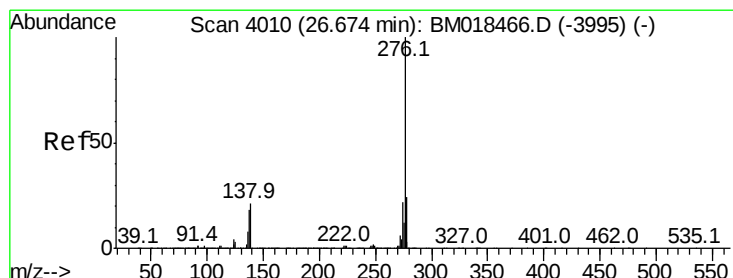
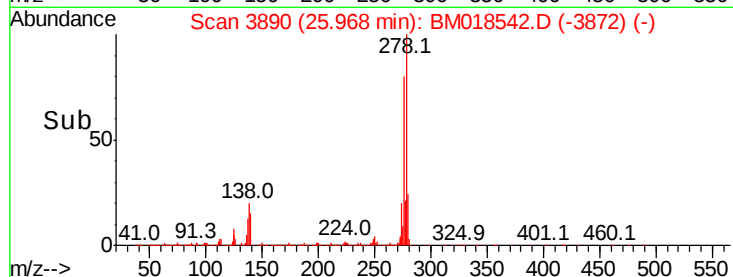
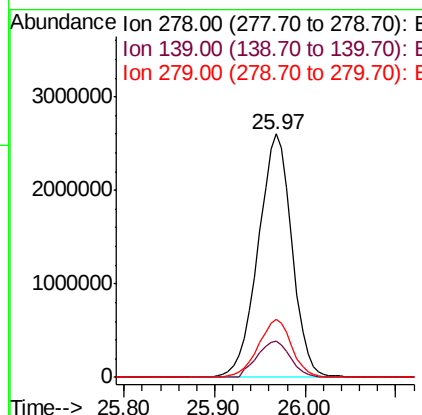
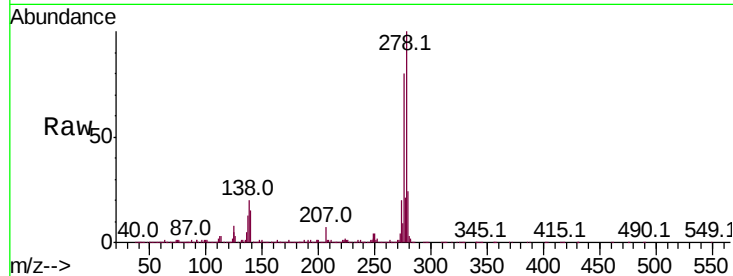
#91
Dibenzo(a,h)anthracene
Concen: 33.713 ng
RT: 25.97 min Scan# 3890
Delta R.T. 0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Tot Ion:278 Resp: 6758048
Ion Ratio Lower Upper
278 100
139 14.8 13.2 19.8
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:07 PM



#92
Benzo(g,h,i)perylene
Concen: 33.956 ng
RT: 26.67 min Scan# 4009
Delta R.T. 0.01 min
Lab File: BM018542.D
Acq: 11 Jan 2019 19:45

Tgt Ion:276 Resp: 6623766
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 20.2 18.1 27.1

