

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018470.D
 Acq On : 09 Jan 2019 12:39
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

Manual Integrations
 APPROVED

Sohil
 1/10/2019 3:11:54 PM

Quant Time: Jan 10 05:53:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	343858	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	1392943	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	791975	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1810428	20.00	ng	0.00
76) Chrysene-d12	21.36	240	1941676	20.00	ng	0.00
87) Perylene-d12	23.64	264	1968736	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1552409	83.36	ng	0.00
7) Phenol-d6	6.94	99	1979927	83.71	ng	0.00
23) Nitrobenzene-d5	8.93	82	1947845	81.06	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	855385	84.83	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	4843261	79.80	ng	0.00
79) Terphenyl-d14	19.79	244	7734509	83.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	305417	40.240	ng	96
3) Pyridine	3.69	79	804528	42.516	ng	97
4) n-Nitrosodimethylamine	3.60	42	326145	41.681	ng	# 95
6) Aniline	7.10	93	1113114	42.189	ng	99
8) 2-Chlorophenol	7.33	128	899534	41.359	ng	94
9) Benzaldehyde	6.92	77	565254	42.180	ng	98
10) Phenol	6.96	94	997697	41.511	ng	97
11) bis(2-Chloroethyl)ether	7.20	93	792461	41.962	ng	94
12) 1,3-Dichlorobenzene	7.65	146	1057576	40.831	ng	99
13) 1,4-Dichlorobenzene	7.80	146	1065950	40.604	ng	100
14) 1,2-Dichlorobenzene	8.11	146	1022532	41.077	ng	100
15) Benzyl Alcohol	8.01	79	722641	42.301	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	980728	40.636	ng	94
17) 2-Methylphenol	8.21	107	689379	42.255	ng	98
18) Hexachloroethane	8.83	117	379664	40.561	ng	94
19) n-Nitroso-di-n-propylamine	8.57	70	643163	41.784	ng	94
20) 3+4-Methylphenols	8.53	107	958412	42.554	ng	100
22) Acetophenone	8.59	105	1382085	40.109	ng	# 97
24) Nitrobenzene	8.97	77	948094	40.102	ng	96
25) Isophorone	9.49	82	1516442	41.677	ng	98
26) 2-Nitrophenol	9.67	139	497771	43.543	ng	98
27) 2,4-Dimethylphenol	9.73	122	703460	41.054	ng	99
28) bis(2-Chloroethoxy)methane	9.97	93	1014202	40.349	ng	100
29) 2,4-Dichlorophenol	10.21	162	859564	42.128	ng	99
30) 1,2,4-Trichlorobenzene	10.42	180	1001737	39.555	ng	98
31) Naphthalene	10.60	128	2668623	39.780	ng	99
32) Benzoic acid	9.86	122	467957m	41.569	ng	
33) 4-Chloroaniline	10.73	127	1087534	41.164	ng	99
34) Hexachlorobutadiene	10.87	225	633634	39.603	ng	98
35) Caprolactam	11.52	113	298093m	42.971	ng	
36) 4-Chloro-3-methylphenol	11.85	107	905209	42.288	ng	99
37) 2-Methylnaphthalene	12.22	142	1900254	40.092	ng	99
38) 1-Methylnaphthalene	12.44	142	1845705	40.246	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1107393	39.985	ng	99

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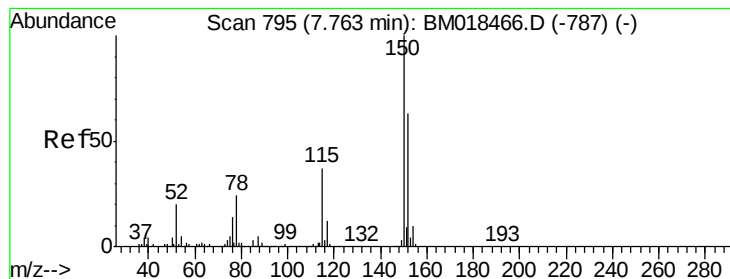
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	620978	40.854	nq	98
43) 2,4,6-Trichlorophenol	12.83	196	707901	42.092	nq	99
44) 2,4,5-Trichlorophenol	12.92	196	750574	42.435	nq	98
46) 1,1'-Biphenyl	13.24	154	2755980	39.854	nq	99
47) 2-Chloronaphthalene	13.28	162	2130517	39.731	nq	100
48) 2-Nitroaniline	13.50	65	565009	42.827	nq	93
49) Acenaphthylene	14.13	152	3180301	40.696	nq	100
50) Dimethylphthalate	13.87	163	2640477	40.596	nq	99
51) 2,6-Dinitrotoluene	14.00	165	580160	42.109	nq	96
52) Acenaphthene	14.47	154	1920907	40.174	nq	99
53) 3-Nitroaniline	14.33	138	585787	42.173	nq	95
54) 2,4-Dinitrophenol	14.53	184	266056	39.662	nq	91
55) Dibenzofuran	14.81	168	3152815	39.907	nq	98
56) 4-Nitrophenol	14.65	139	506022	42.170	nq	93
57) 2,4-Dinitrotoluene	14.78	165	800631	41.071	nq	99
58) Fluorene	15.46	166	2382449	40.482	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	653286	41.669	nq	98
60) Diethylphthalate	15.24	149	2696737	41.070	nq	99
61) 4-Chlorophenyl-phenylether	15.46	204	1362831	40.178	nq	100
62) 4-Nitroaniline	15.50	138	637845	42.100	nq	99
63) Azobenzene	15.75	77	2208636	41.256	nq	98
65) 4,6-Dinitro-2-methylphenol	15.54	198	447607	39.824	nq	91
66) n-Nitrosodiphenylamine	15.67	169	2275298	40.516	nq	99
67) 4-Bromophenyl-phenylether	16.35	248	811507	40.055	nq	96
68) Hexachlorobenzene	16.46	284	894631	39.445	nq	99
69) Atrazine	16.63	200	852466	41.989	nq	99
70) Pentachlorophenol	16.80	266	618602	41.646	nq	99
71) Phenanthrene	17.20	178	3863484	40.121	nq	99
72) Anthracene	17.29	178	3791109	40.941	nq	100
73) Carbazole	17.57	167	3900291	40.997	nq	100
74) Di-n-butylphthalate	18.13	149	4436255	42.571	nq	100
75) Fluoranthene	19.22	202	4523039	40.740	nq	98
77) Benzidine	19.42	184	1915370	39.951	nq	100
78) Pyrene	19.59	202	4749527	41.267	nq	99
80) Butylbenzylphthalate	20.49	149	2049675	41.735	nq	95
81) Benzo(a)anthracene	21.34	228	4605788	40.265	nq	99
82) 3,3'-Dichlorobenzidine	21.28	252	1825407	42.201	nq	99
83) Chrysene	21.39	228	4476641	40.528	nq	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	2951313	41.616	nq	100
85) Di-n-octyl phthalate	22.16	149	4941538	41.429	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.96	276	5203472	40.853	nq	97
88) Benzo(b)fluoranthene	22.95	252	4637332	41.490	nq	98
89) Benzo(k)fluoranthene	23.00	252	4476208	39.739	nq	98
90) Benzo(a)pyrene	23.54	252	4365144	40.794	nq	98
91) Dibenzo(a,h)anthracene	25.98	278	4384324	40.438	nq	98
92) Benzo(g,h,i)perylene	26.68	276	4275696	40.525	nq	98

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



#1

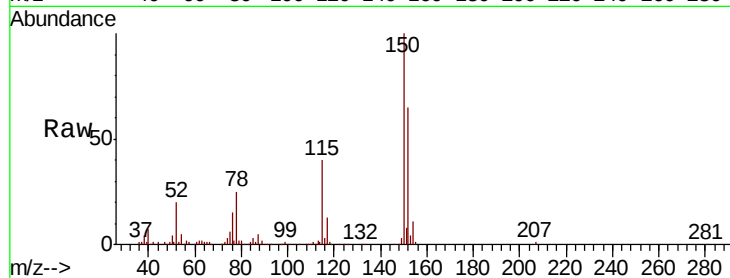
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.9	190.3
115	61.2	45.5	68.3

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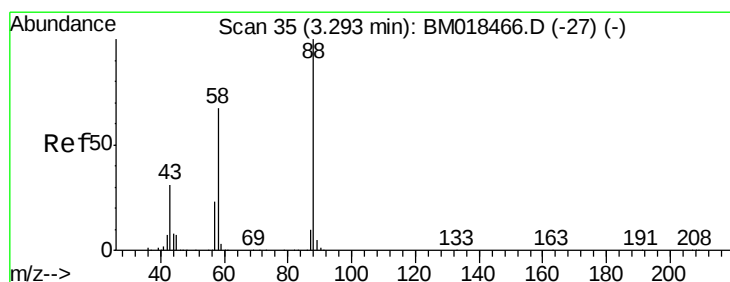
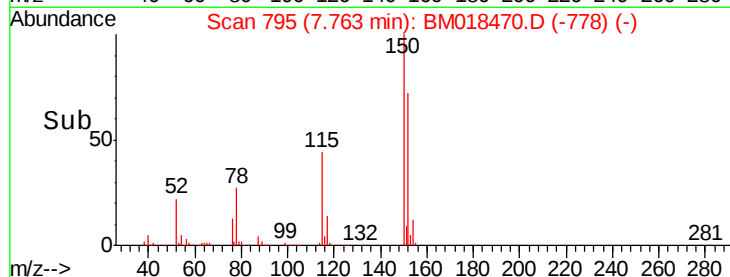
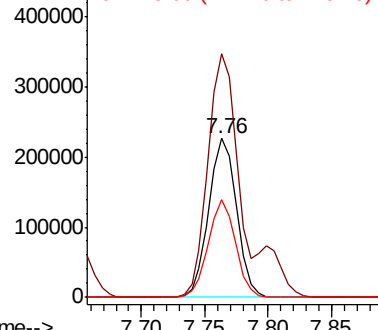


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

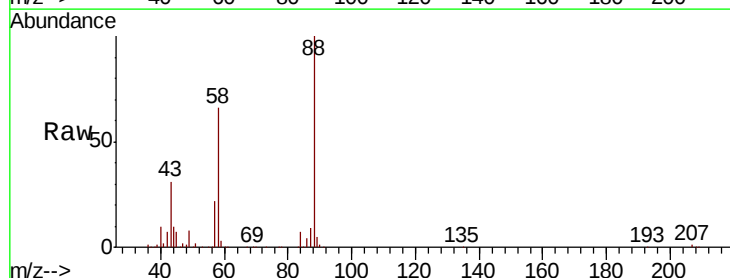
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.240 ng
RT: 3.29 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	58.4	87.6
43	31.8	26.2	39.4

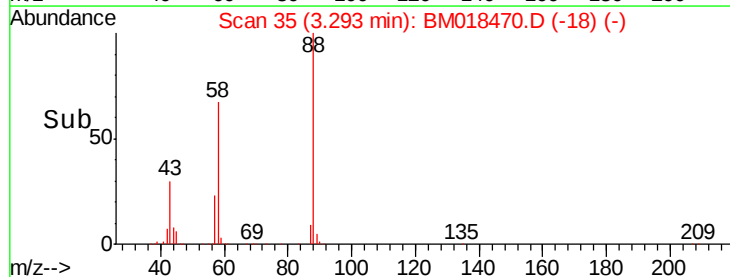
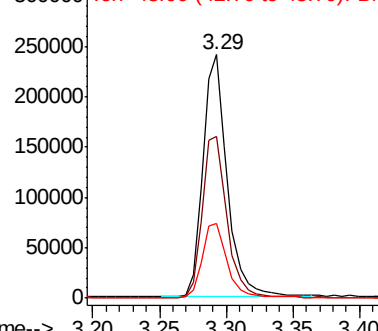


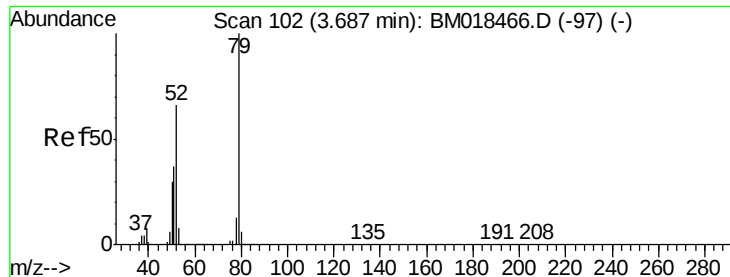
Abundance

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

Pvridine

Concen: 42.516 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.02 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

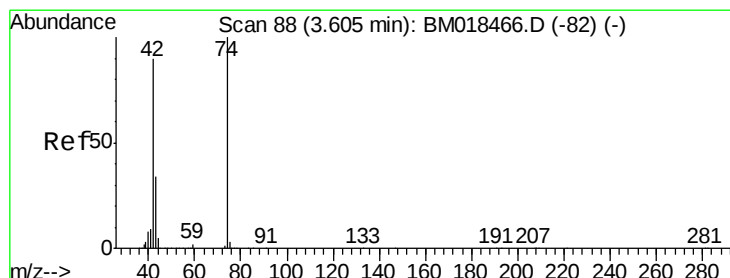
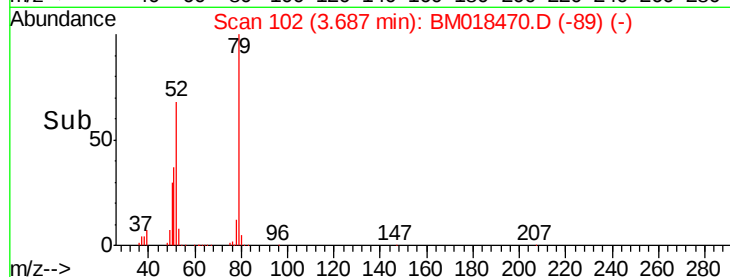
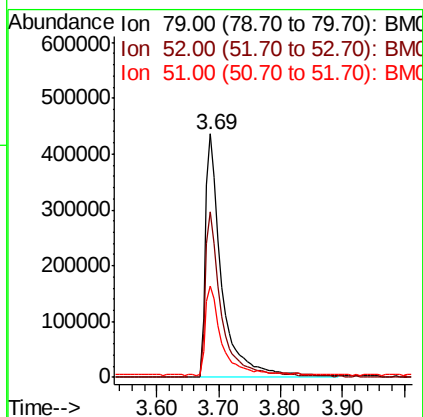
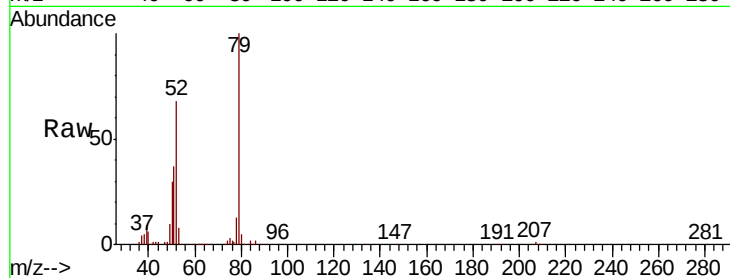
ClientSampled :

ICVBM010919

Tot Ion:	79	Resp:	804528
Ion	Ratio	Lower	Upper
79	100		
52	67.9	56.4	84.6
51	37.5	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 41.681 ng

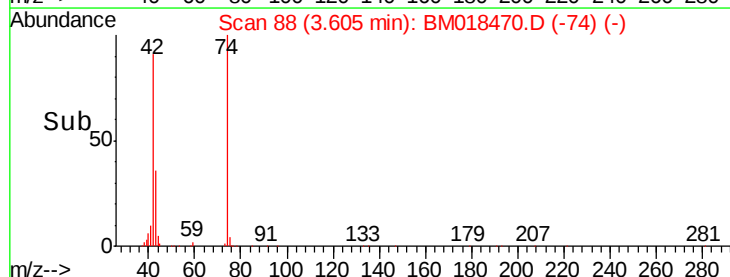
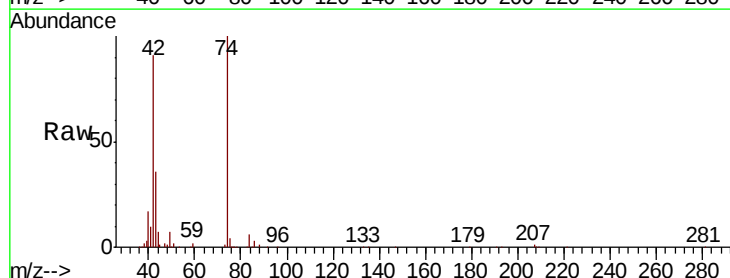
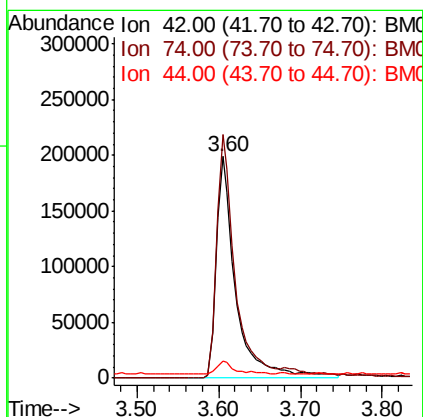
RT: 3.60 min Scan# 88

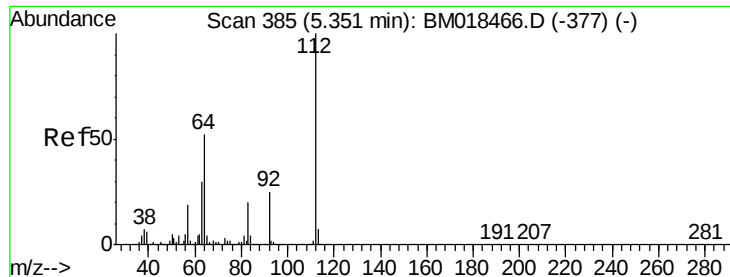
Delta R.T. -0.02 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion:	42	Resp:	326145
Ion	Ratio	Lower	Upper
42	100		
74	109.8	88.6	132.8
44	7.8	16.9	25.3#





#5

2-Fluorophenol

Concen: 83.363 ng

RT: 5.35 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

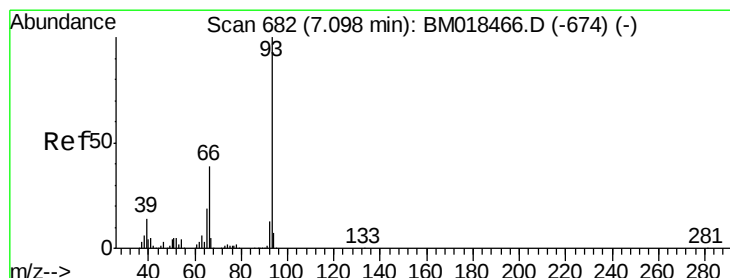
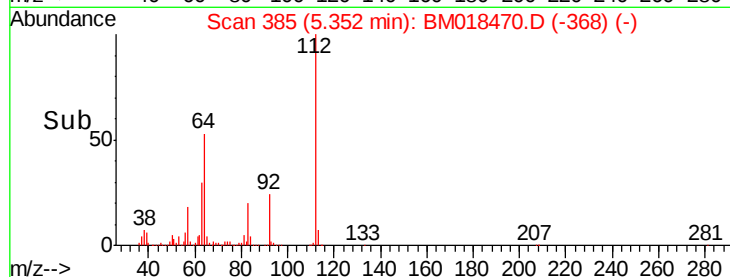
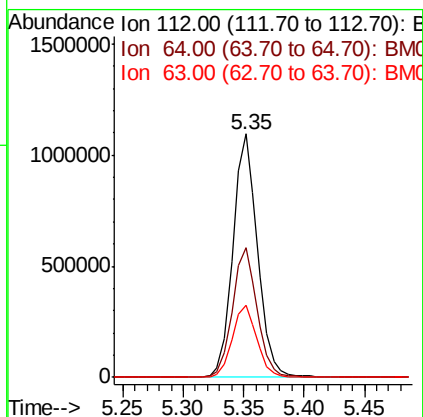
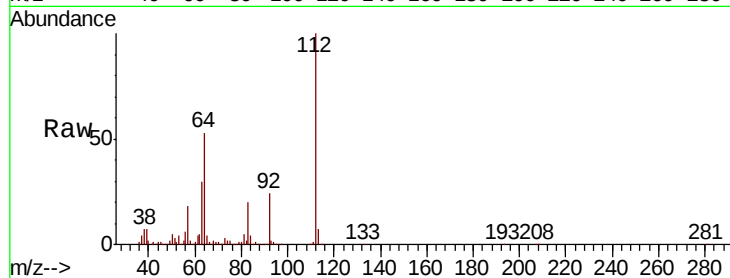
ClientSampled :

ICVBM010919

Tot Ion:	112	Resp:	1552409
Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.5	69.7
63	29.8	25.2	37.8

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#6

Aniline

Concen: 42.189 ng

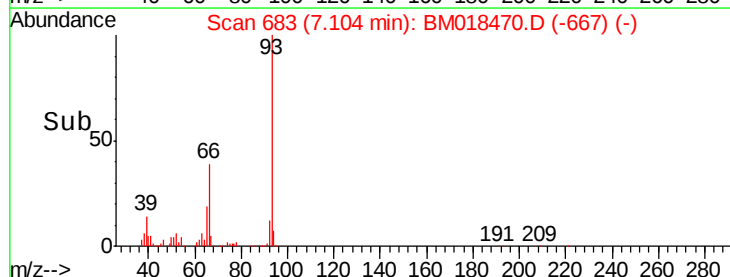
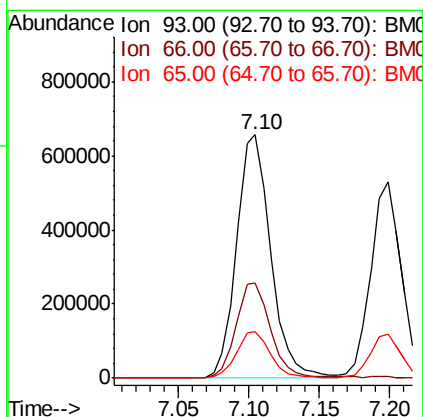
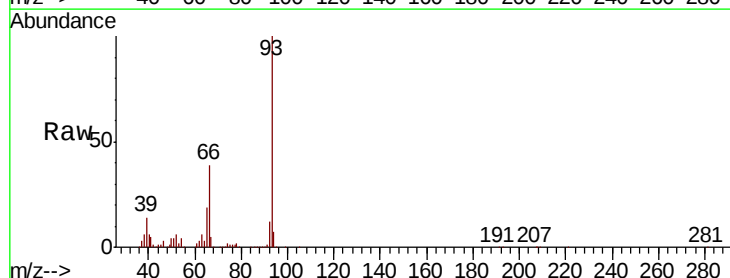
RT: 7.10 min Scan# 683

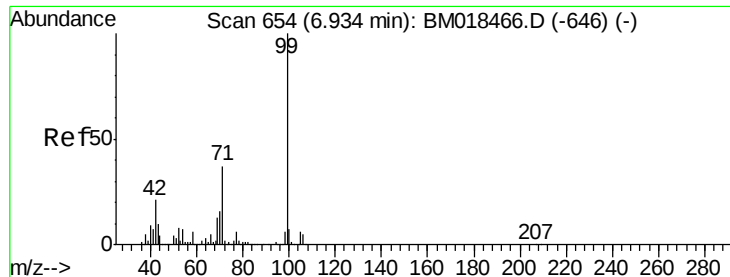
Delta R.T. -0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion:	93	Resp:	1113114
Ion	Ratio	Lower	Upper
93	100		
66	39.1	31.7	47.5
65	19.2	15.9	23.9





#7

Phenol-d6

Concen: 83.709 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

Tot Ion: 99 Resp: 1979927

Ion Ratio Lower Upper

99 100

42 20.2 17.3 25.9

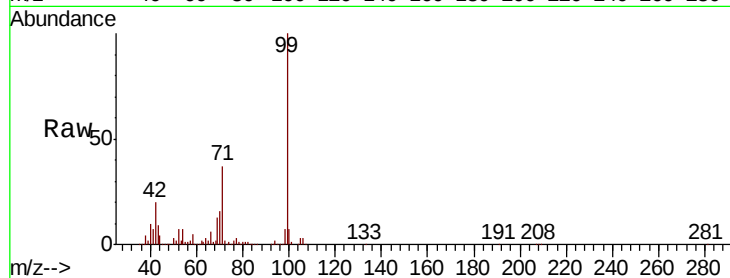
71 37.0 28.0 42.0

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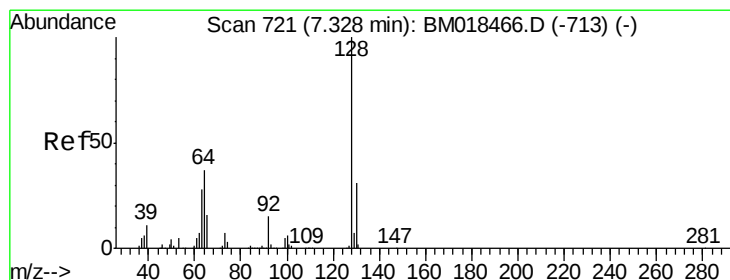
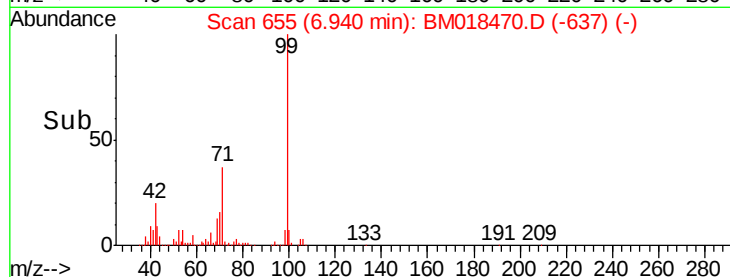
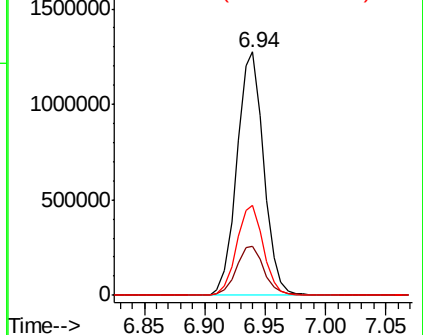
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Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 41.359 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

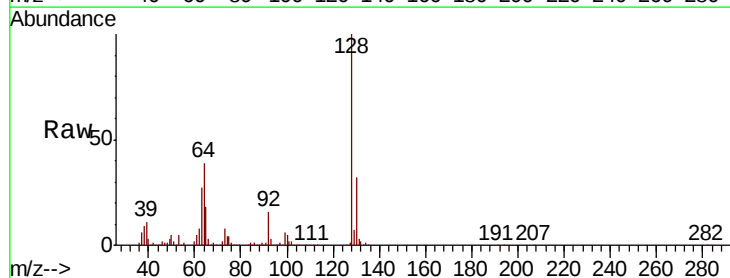
Tgt Ion: 128 Resp: 899534

Ion Ratio Lower Upper

128 100

130 32.5 13.6 53.6

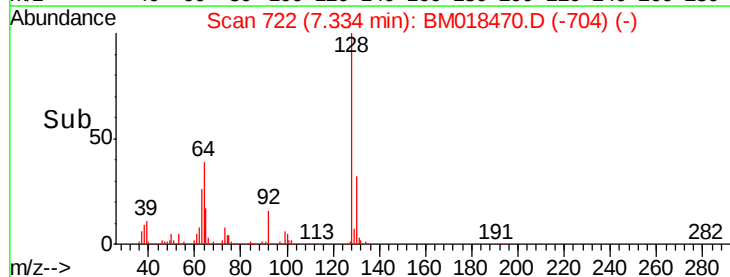
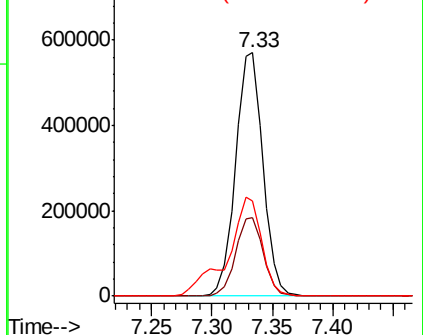
64 39.2 24.8 64.8

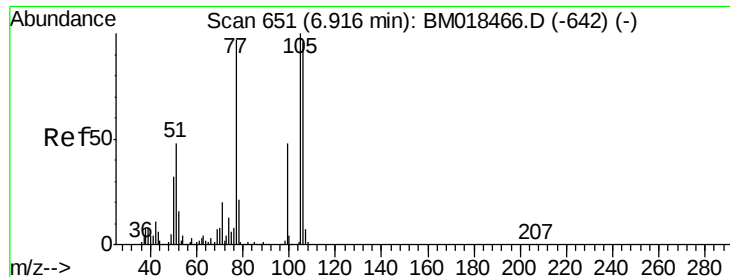


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 42.180 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

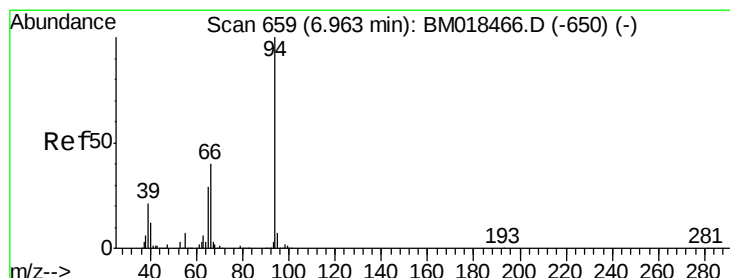
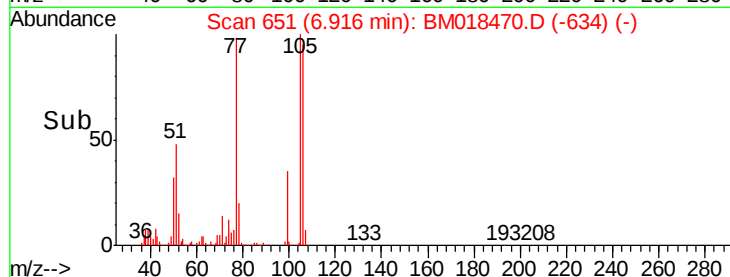
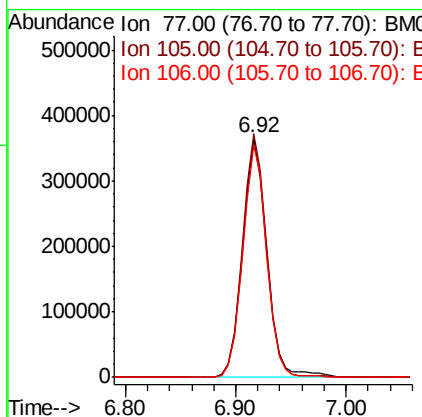
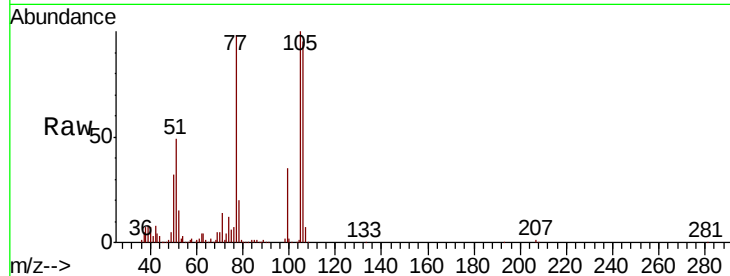
ClientSampled :

ICVBM010919

Tot Ion:	77	Resp:	565254
Ion	Ratio	Lower	Upper
77	100		
105	102.0	79.7	119.7
106	97.2	75.2	115.2

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#10

Phenol

Concen: 41.511 ng

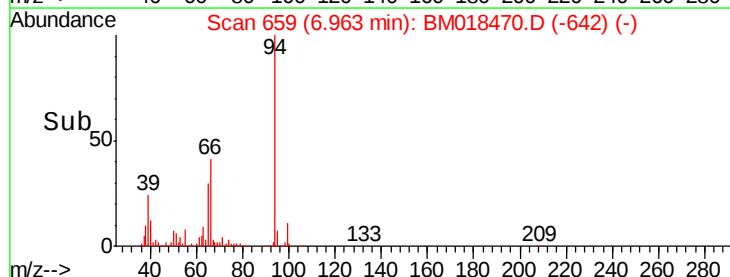
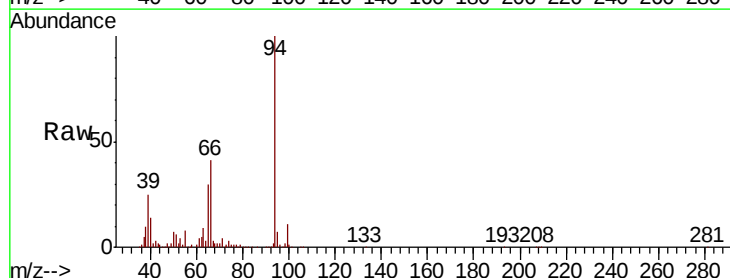
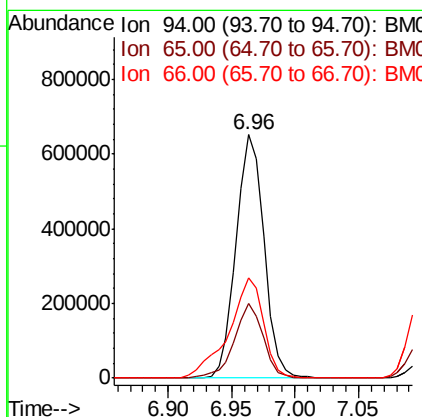
RT: 6.96 min Scan# 659

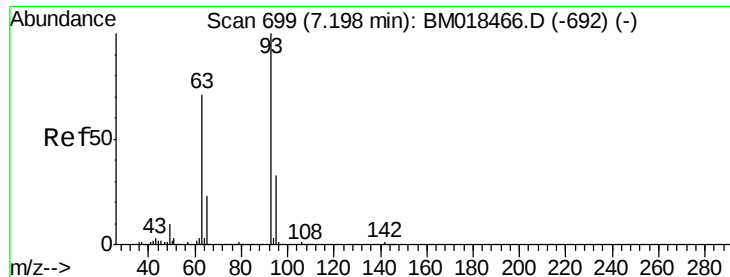
Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion:	94	Resp:	997697
Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.4	49.4
66	41.4	19.1	59.1





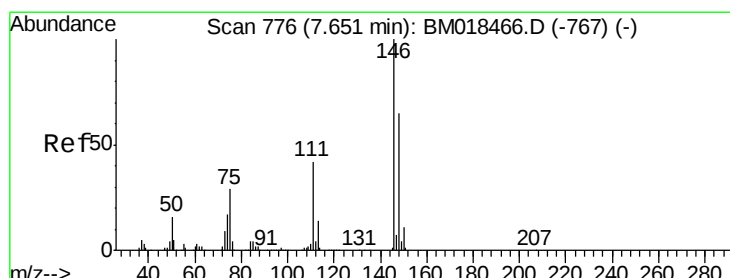
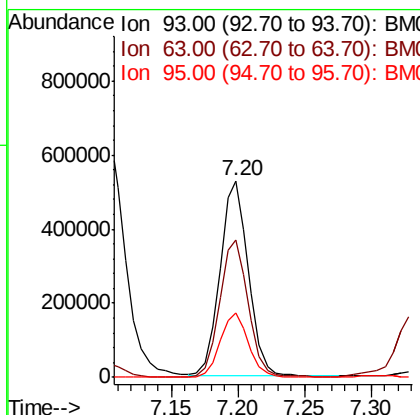
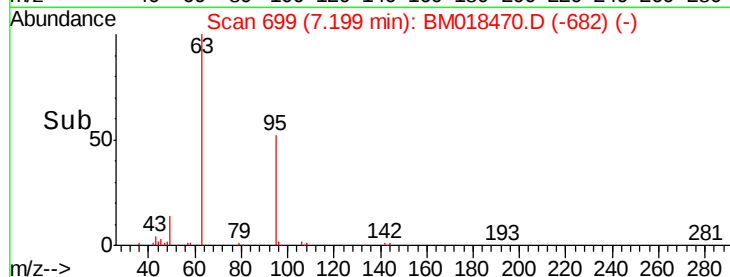
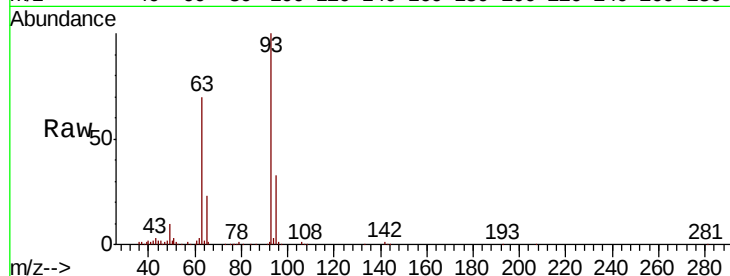
#11
bis(2-Chloroethyl)ether
Concen: 41.962 ng
RT: 7.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		792461		
63	69.6	56.4	96.4		
95	33.0	12.7	52.7		

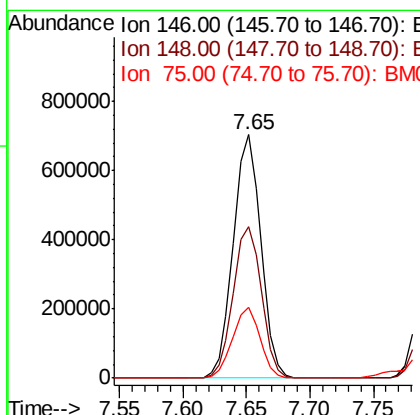
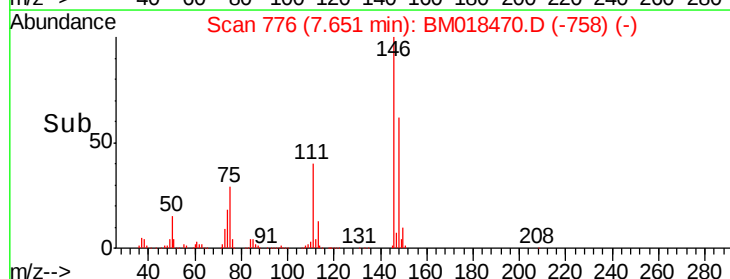
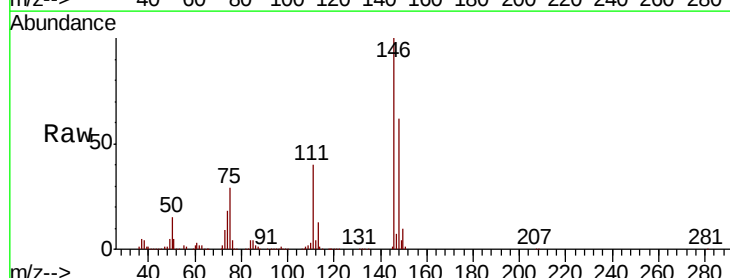
Manual Integrations
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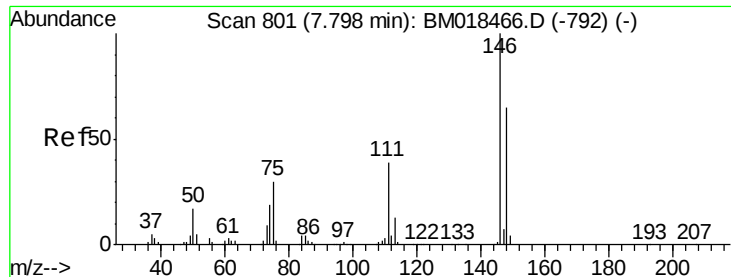
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.831 ng
RT: 7.65 min Scan# 776
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		1057576		
148	62.1	50.5	75.7		
75	29.0	23.0	34.6		





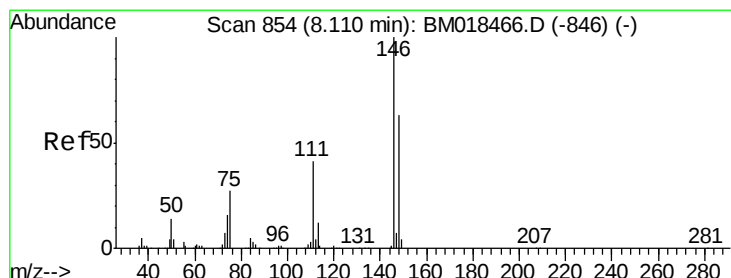
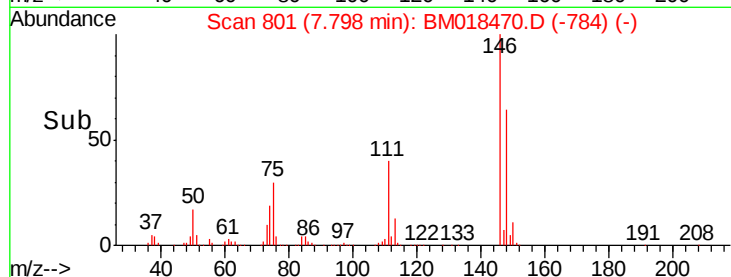
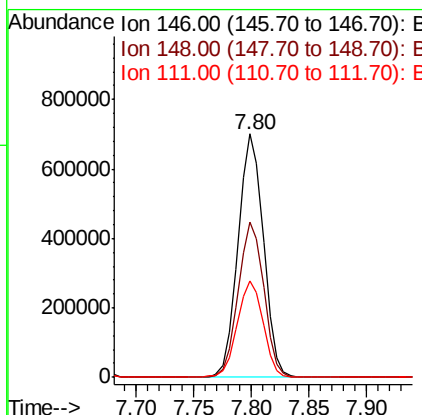
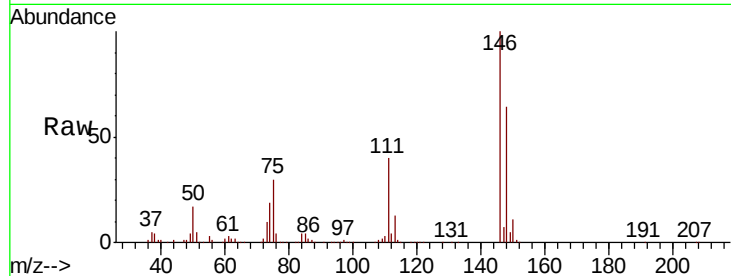
#13
1,4-Dichlorobenzene
Concen: 40.604 ng
RT: 7.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	39.8	32.2	48.2

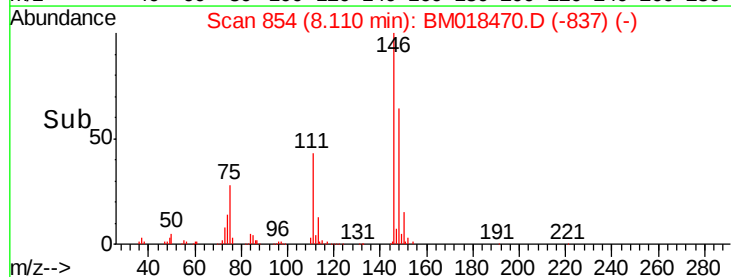
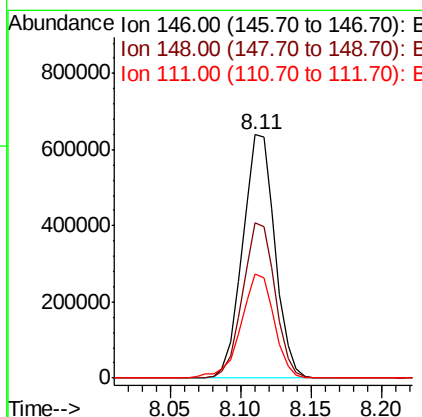
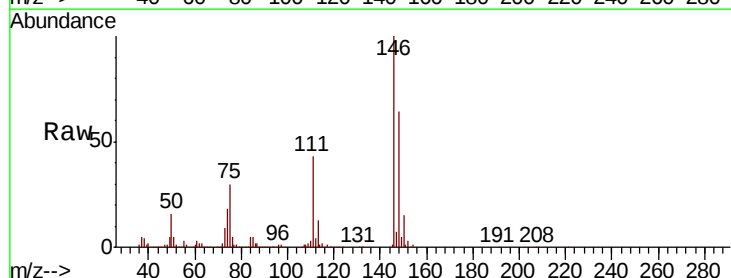
Manual Integrations
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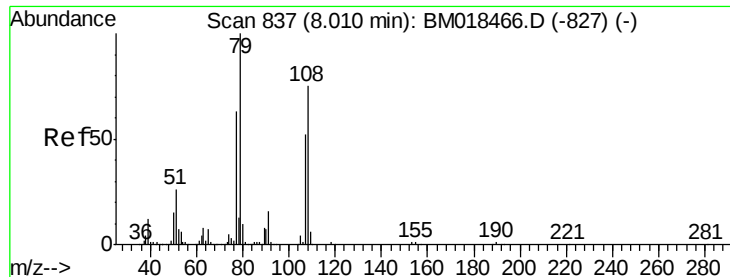
Sohil
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#14
1,2-Dichlorobenzene
Concen: 41.077 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	42.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 42.301 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

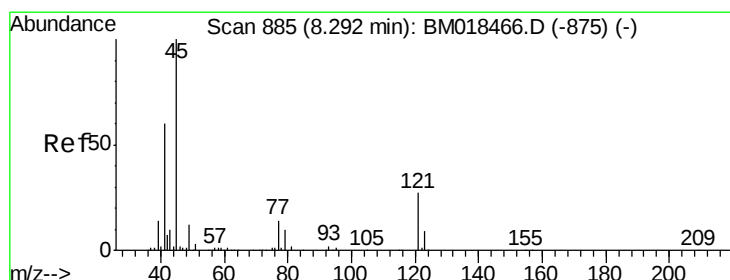
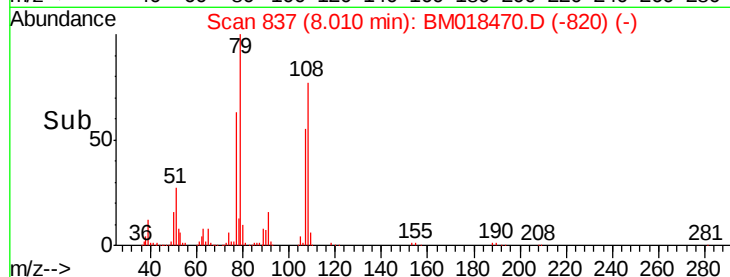
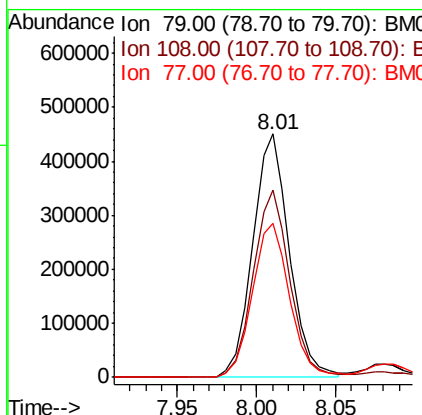
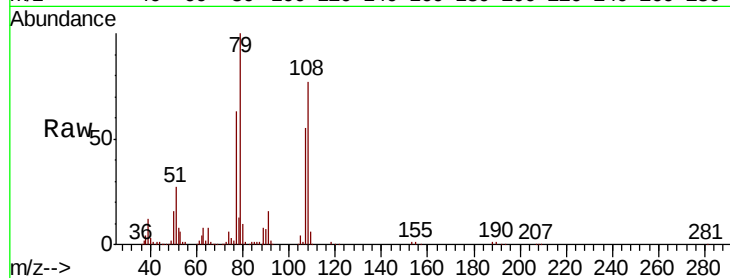
ClientSampleId :

ICVBM010919

Tot Ion:	79	Resp:	722641
Ion Ratio	Lower	Upper	
79	100		
108	77.0	60.4	90.6
77	63.3	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.636 ng

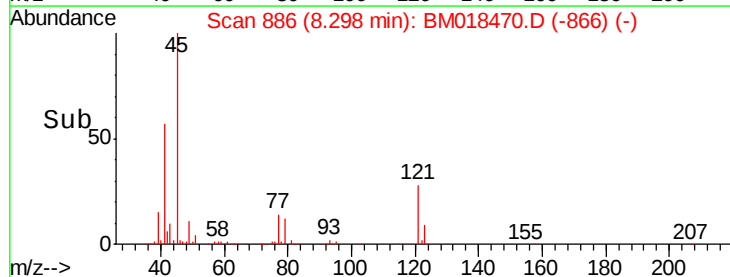
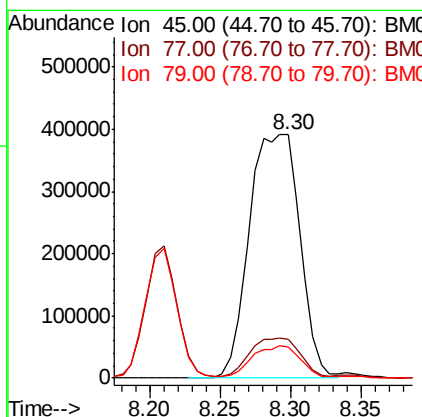
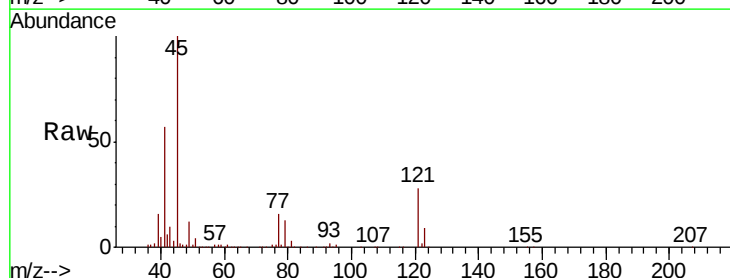
RT: 8.30 min Scan# 886

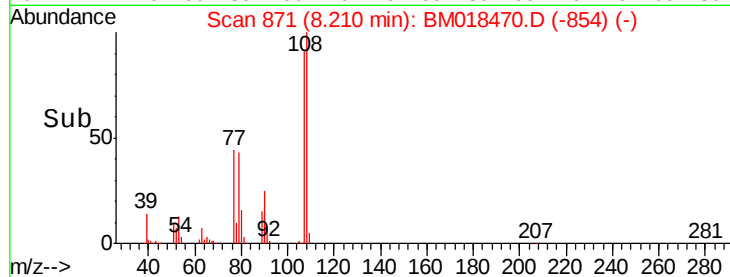
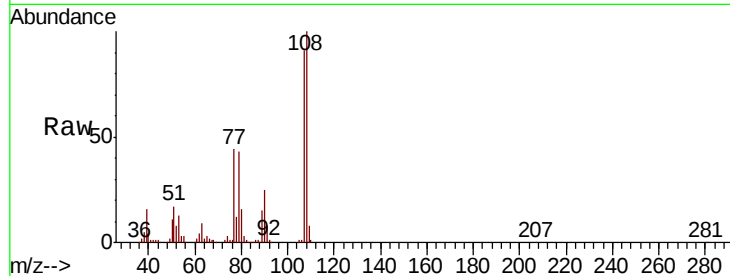
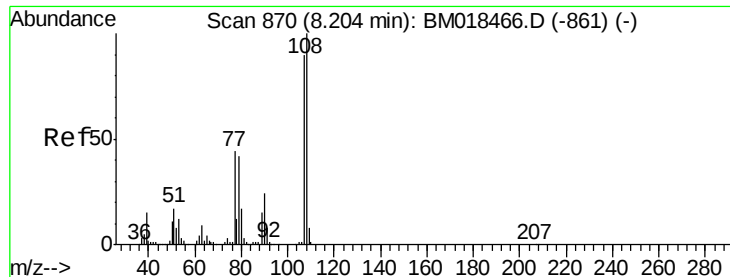
Delta R.T. 0.02 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion:	45	Resp:	980728
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	33.4
79	13.0	0.0	31.1





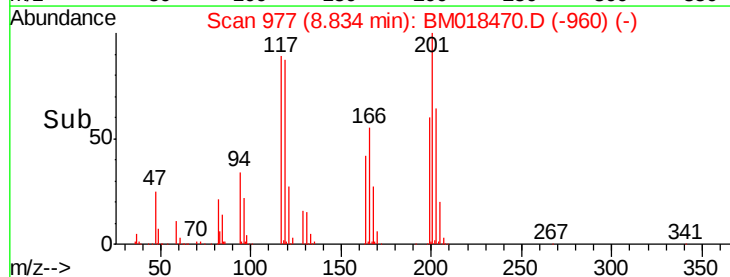
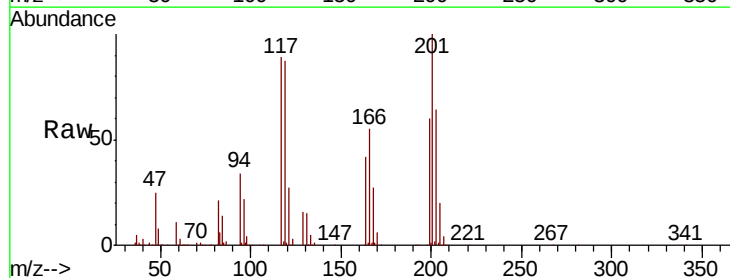
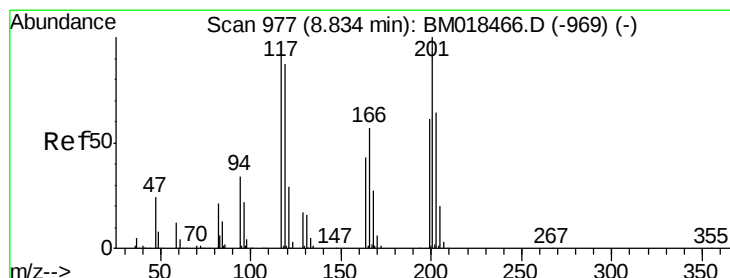
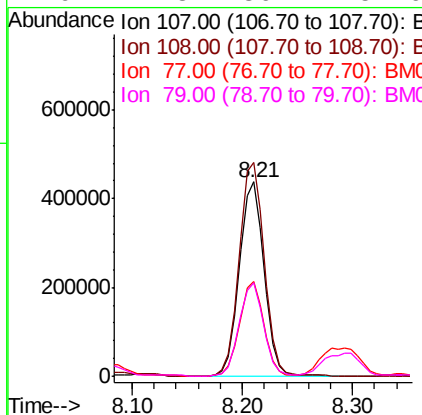
#17
2-Methylphenol
Concen: 42.255 ng
RT: 8.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tot Ion	Ratio	Resp	Lower	Upper
107	100	689379		
108	110.0		87.5	131.3
77	48.5		37.3	55.9
79	47.8		36.4	54.6

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

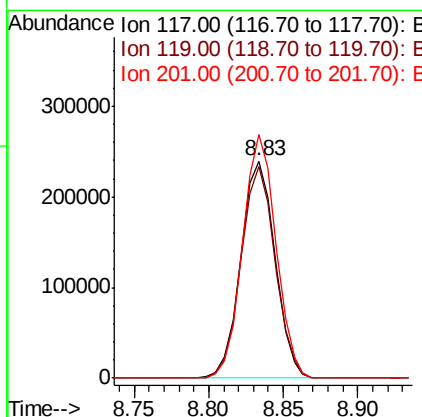
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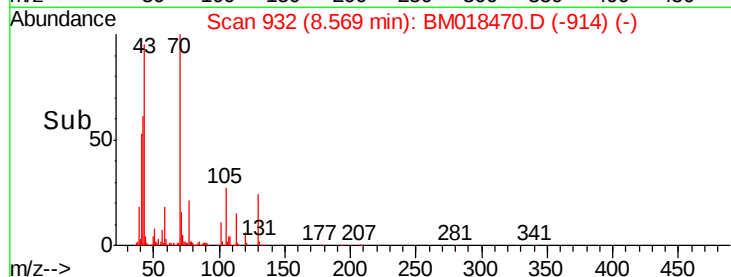
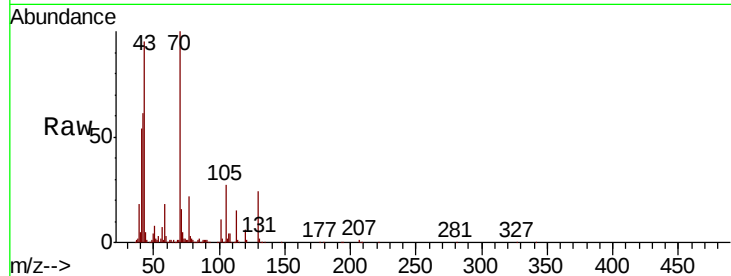
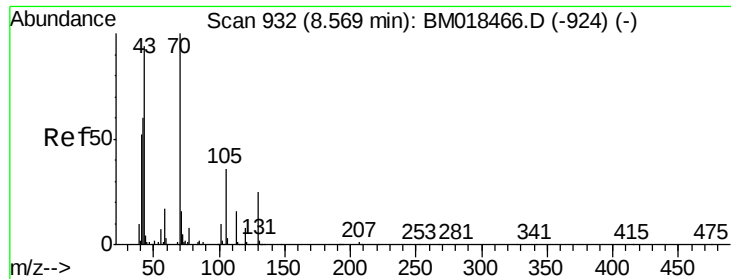
Sohil
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#18
Hexachloroethane
Concen: 40.561 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	379664		
119	97.4		78.3	117.5
201	112.3		81.4	122.0





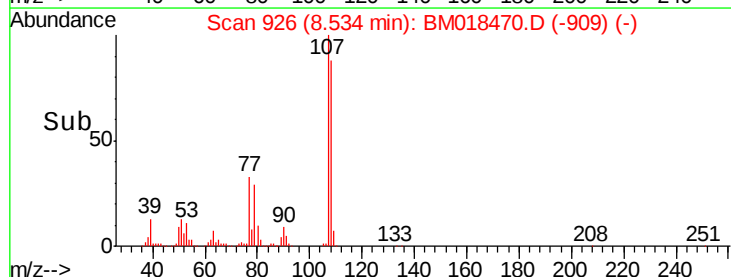
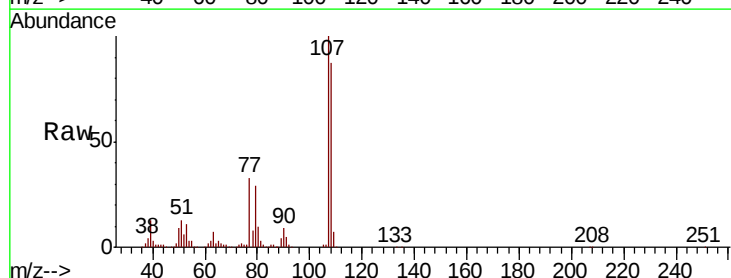
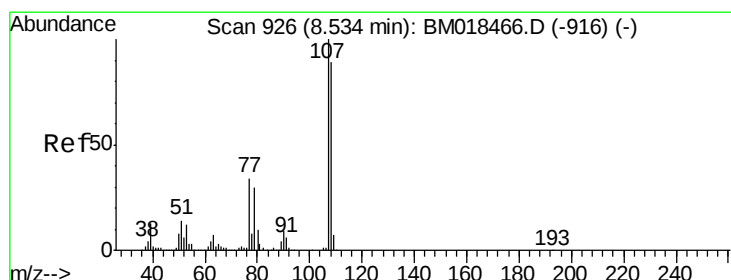
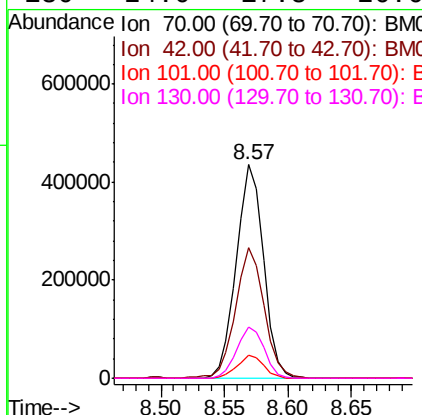
#19
n-Nitroso-di-n-propylamine
Concen: 41.784 ng
RT: 8.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.2	54.0	81.0	
101	10.9	8.1	12.1	
130	24.0	17.8	26.6	

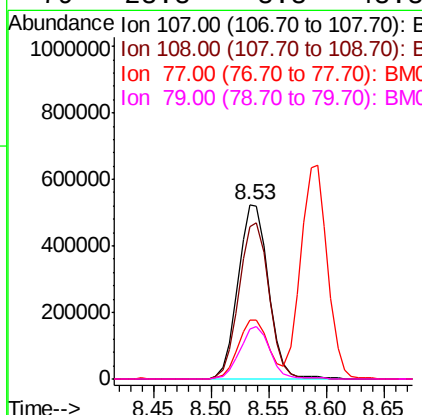
Manual Integrations
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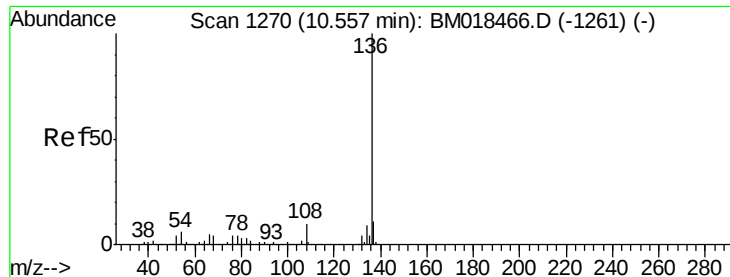
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#20
3+4-Methylphenols
Concen: 42.554 ng
RT: 8.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	66.8	106.8	
77	33.4	13.3	53.3	
79	28.8	8.8	48.8	





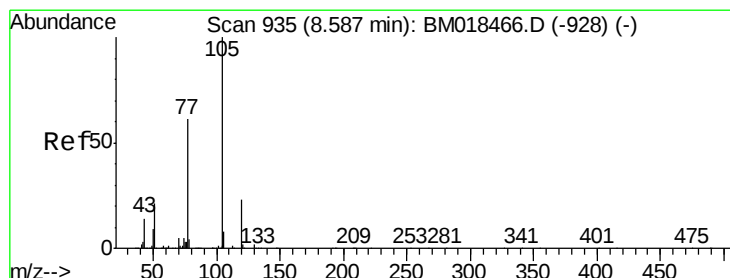
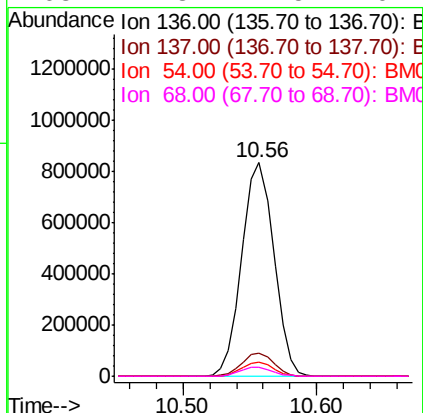
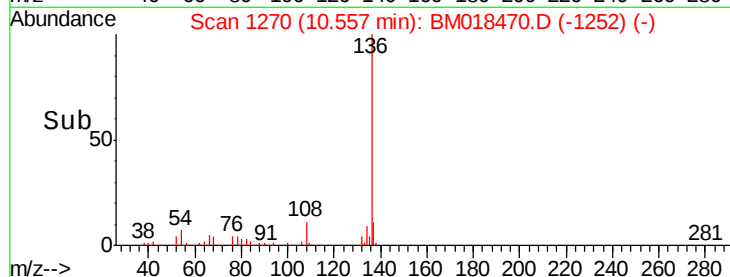
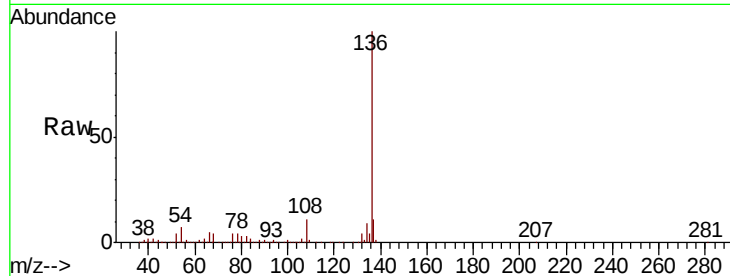
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.6	6.0	9.0
68	4.3	4.5	6.7#

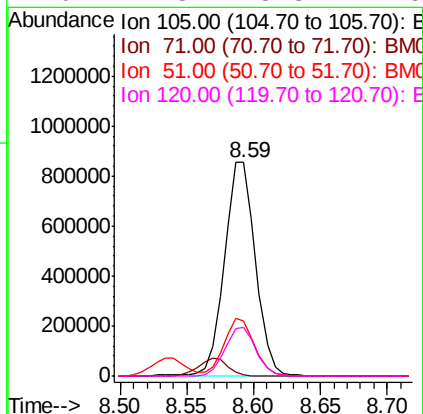
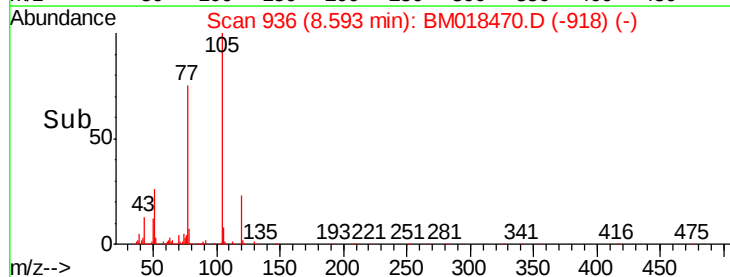
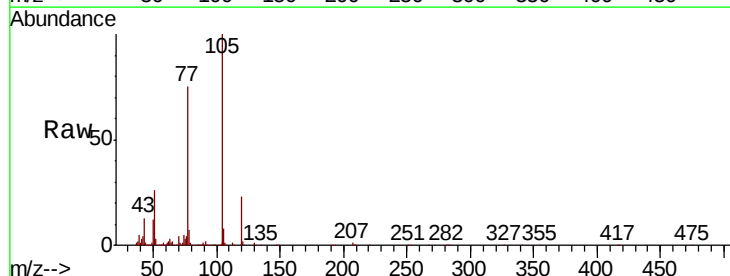
Manual Integrations
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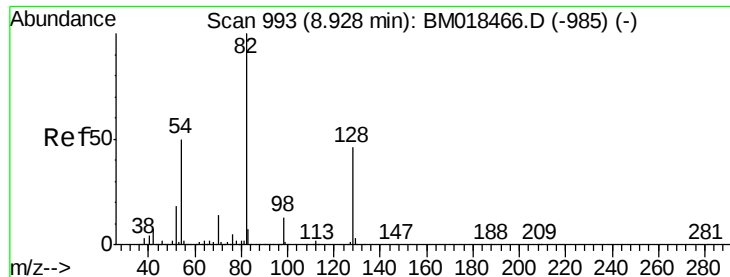
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#22
Acetophenone
Concen: 40.109 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.7	2.5#
51	26.0	22.6	34.0
120	22.8	18.3	27.5





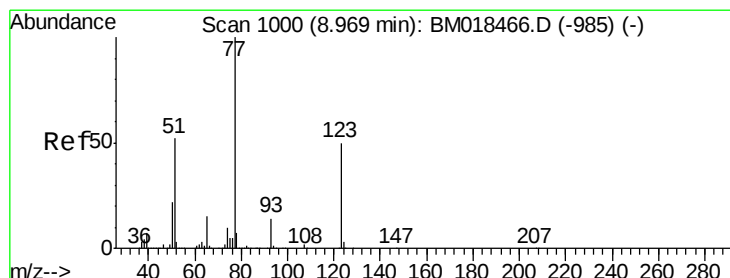
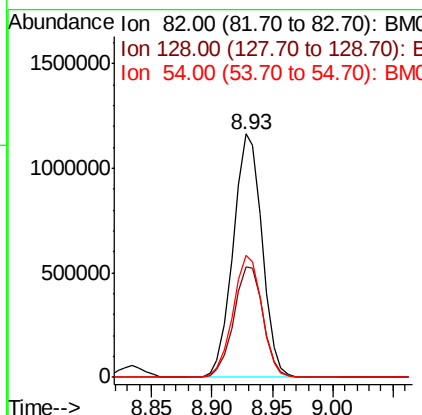
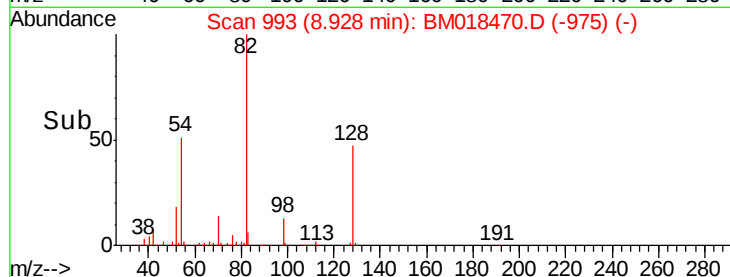
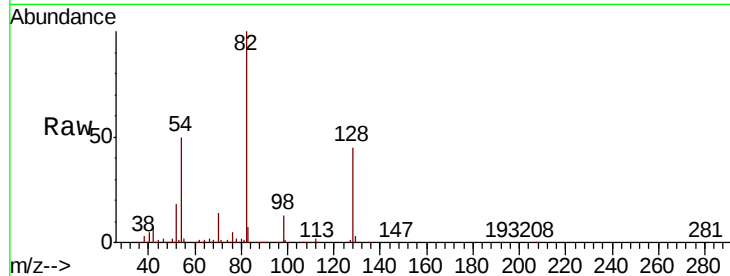
#23
 Nitrobenzene-d5
 Concen: 81.065 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	49.9	41.7	62.5

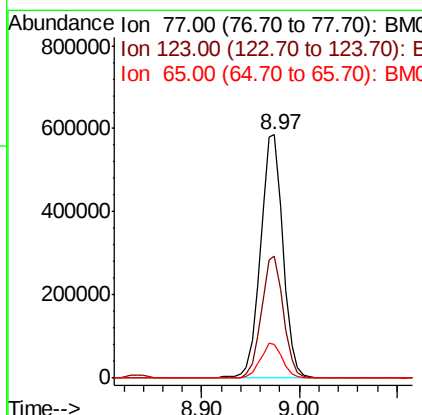
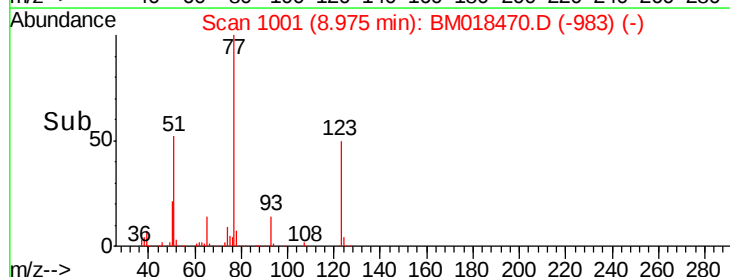
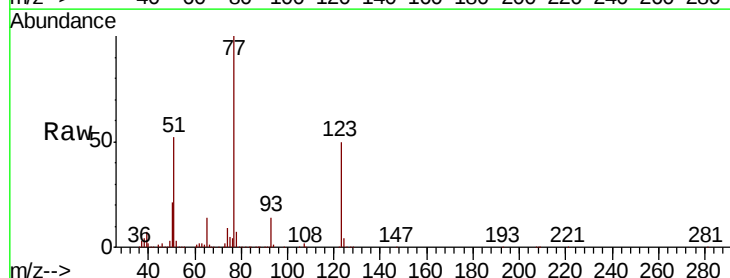
Manual Integrations
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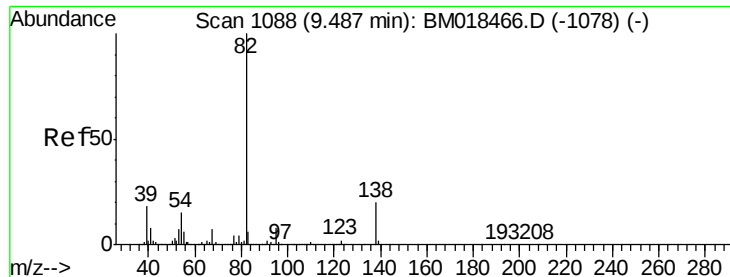
Sohil
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#24
 Nitrobenzene
 Concen: 40.102 ng
 RT: 8.97 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	37.7	56.5
65	13.7	11.0	16.6





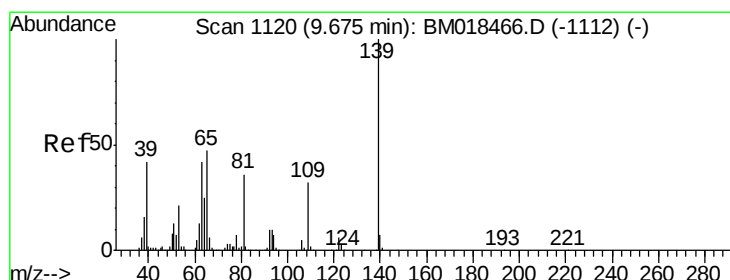
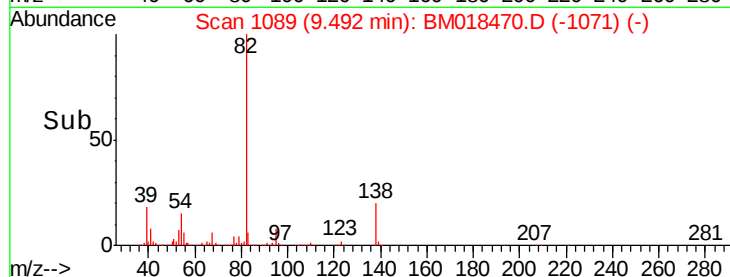
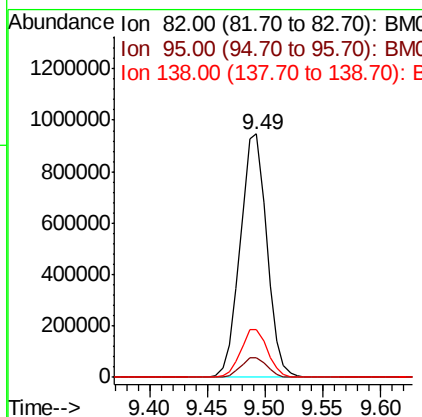
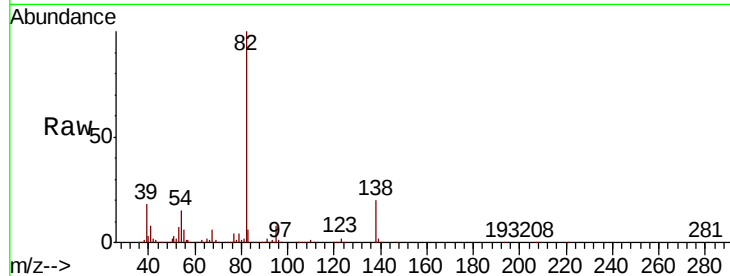
#25
Isophorone
Concen: 41.677 ng
RT: 9.49 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.1	9.1
138	19.7	15.1	22.7

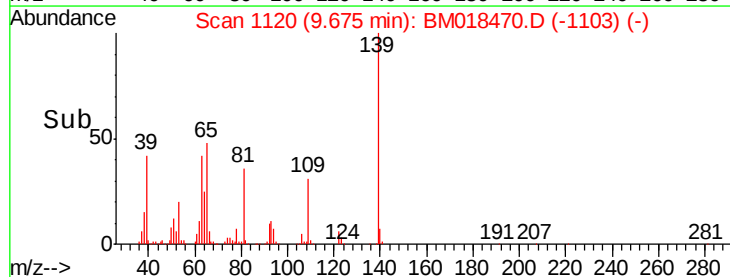
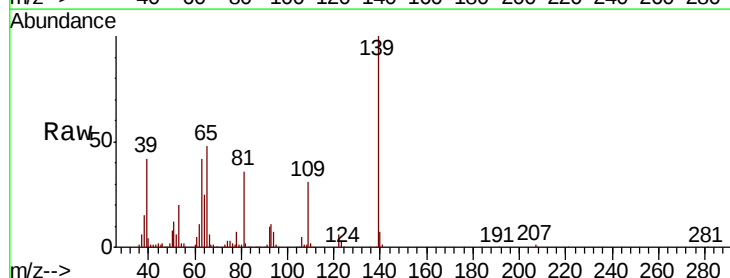
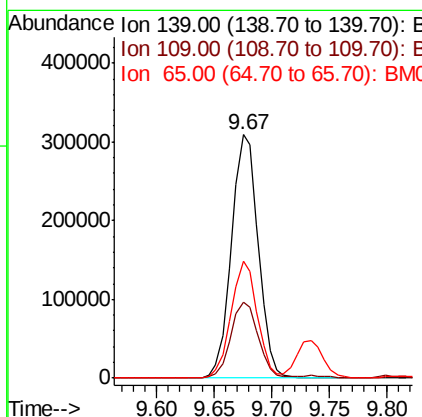
Manual Integrations
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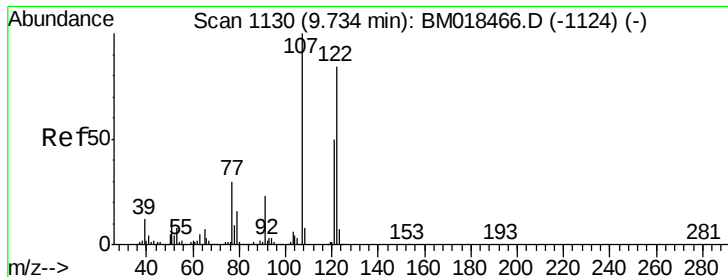
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#26
2-Nitrophenol
Concen: 43.543 ng
RT: 9.67 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.9	23.4	35.2
65	48.0	39.4	59.2





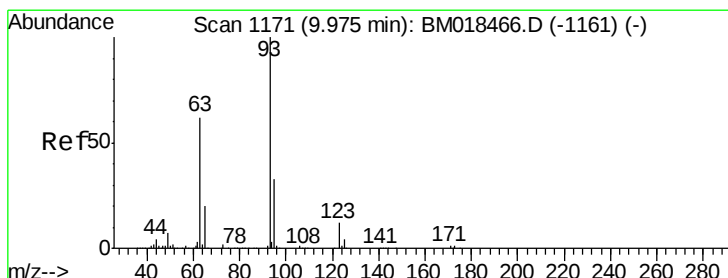
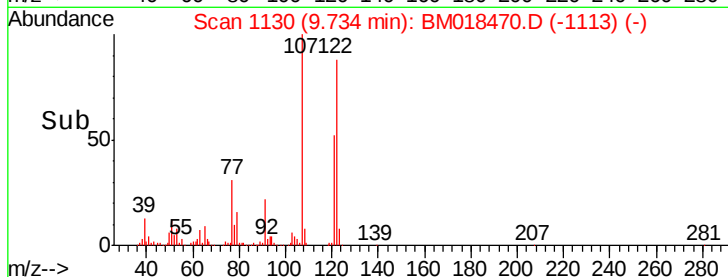
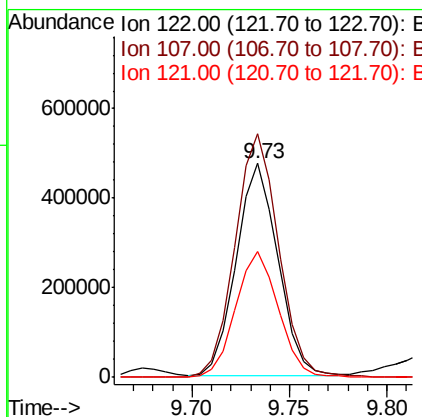
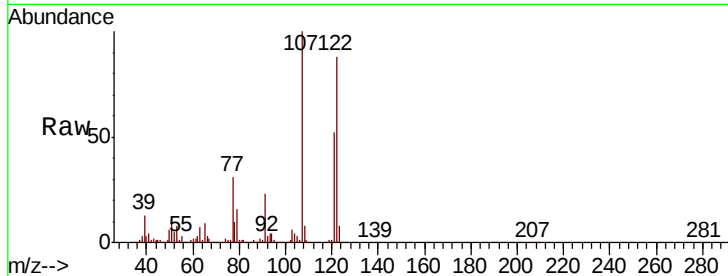
#27
2,4-Dimethylphenol
Concen: 41.054 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.9	137.9
121	58.9	47.5	71.3

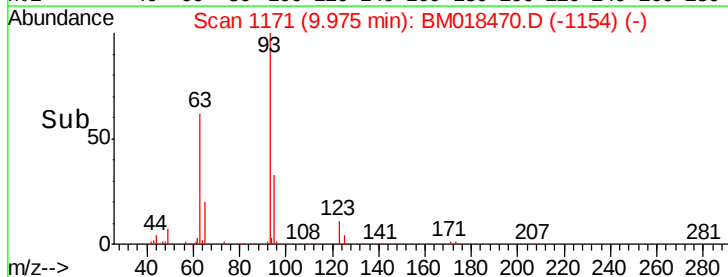
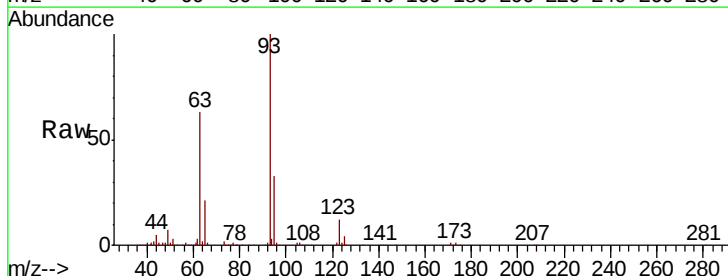
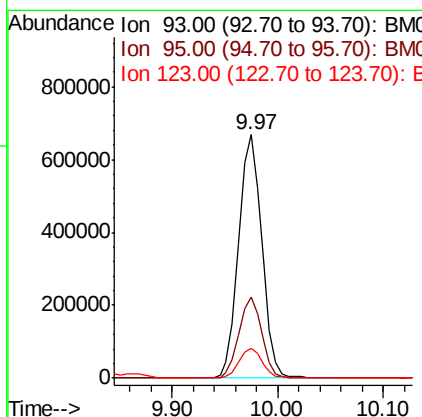
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#28
bis(2-Chloroethoxy)methane
Concen: 40.349 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	39.8
123	12.1	9.9	14.9





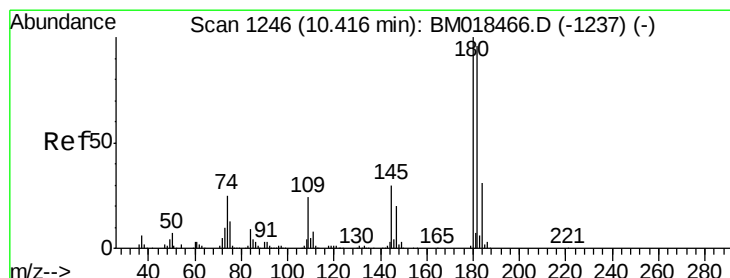
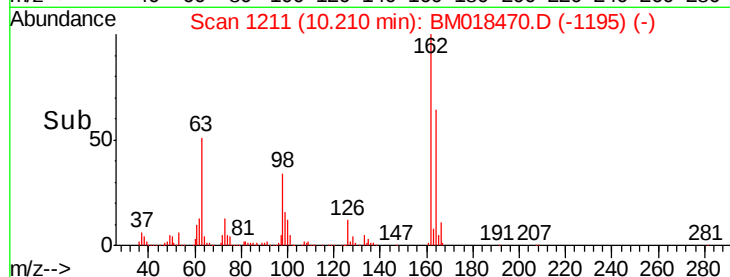
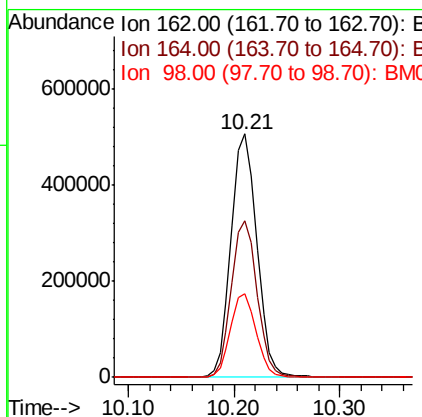
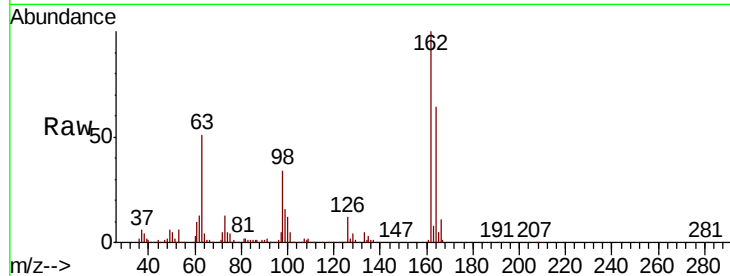
#29
 2,4-Dichlorophenol
 Concen: 42.128 ng
 RT: 10.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

Tot Ion	Ratio	Resp	Lower	Upper
162	100	859564		
164	64.4	45.6	85.6	
98	34.5	14.7	54.7	

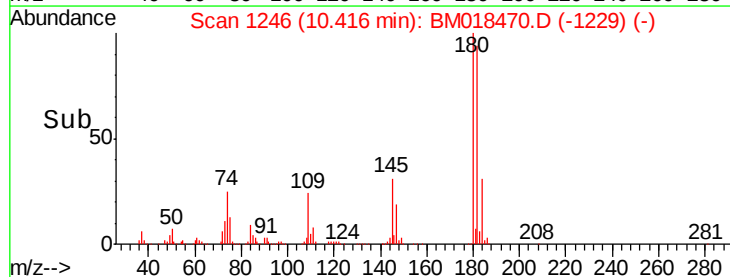
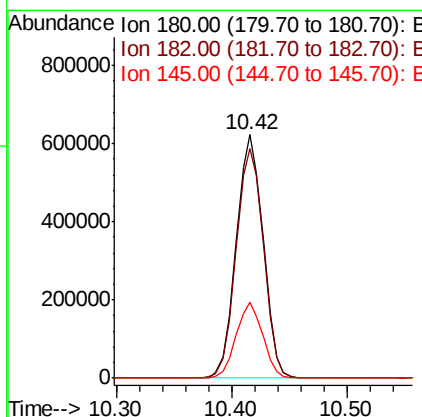
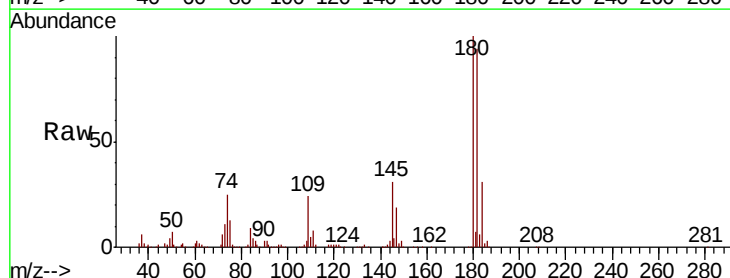
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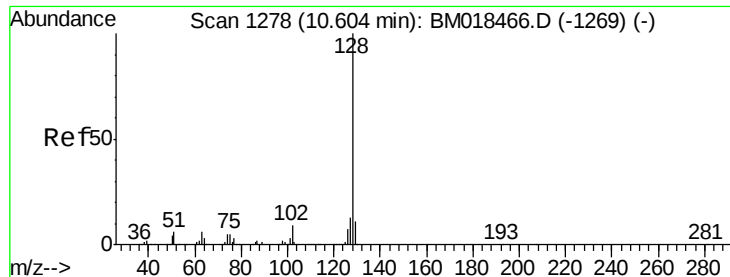
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.555 ng
 RT: 10.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1001737		
182	94.4	77.4	116.2	
145	31.0	24.6	37.0	





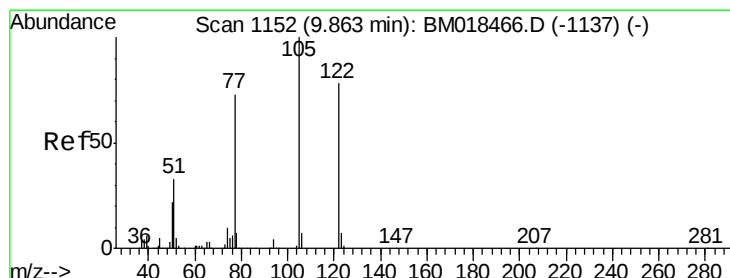
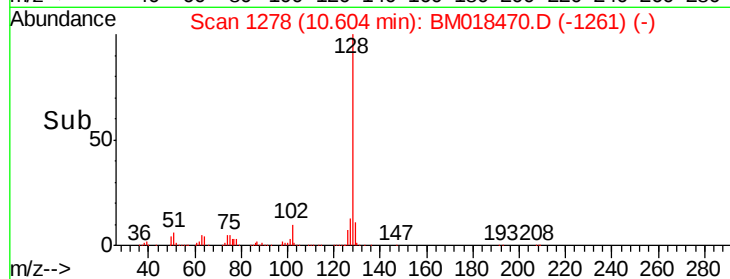
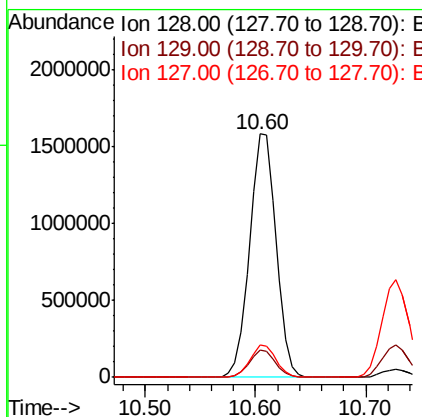
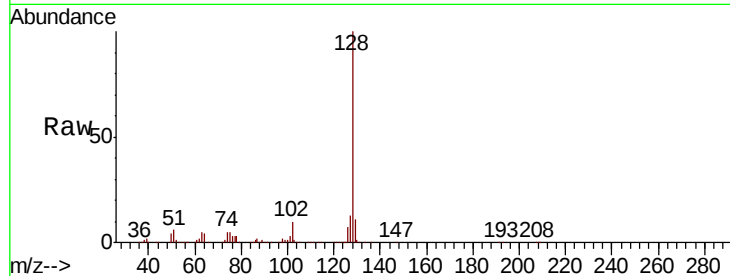
#31
Naphthalene
Concen: 39.780 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.4	10.8	16.2

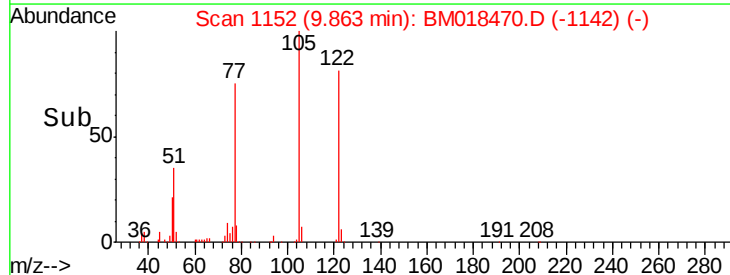
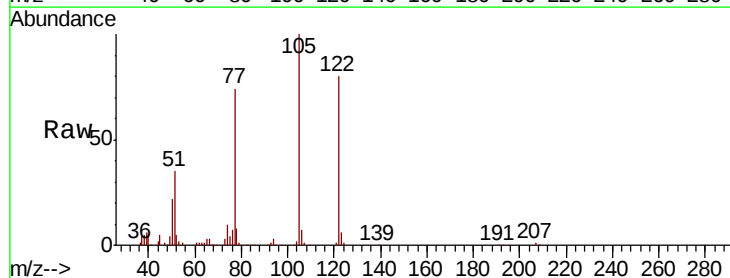
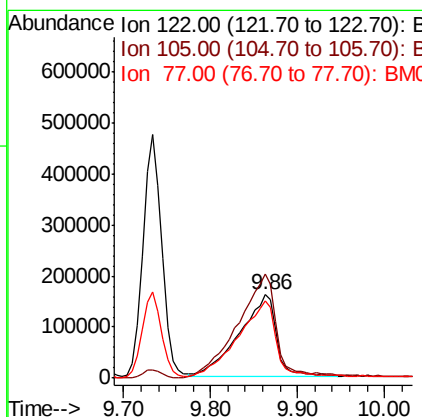
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#32
Benzoic acid
Concen: 41.569 ng m
RT: 9.86 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	100.4	140.4
77	92.7	71.7	111.7





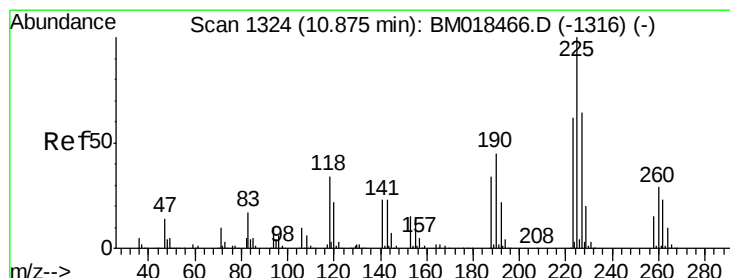
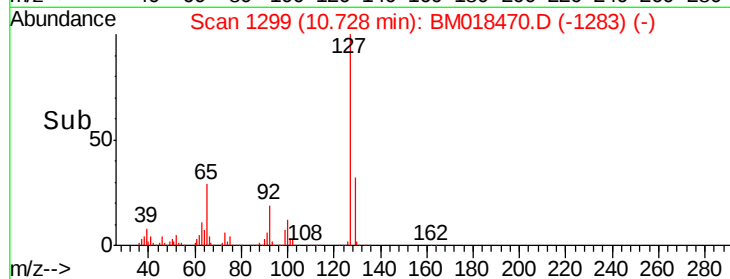
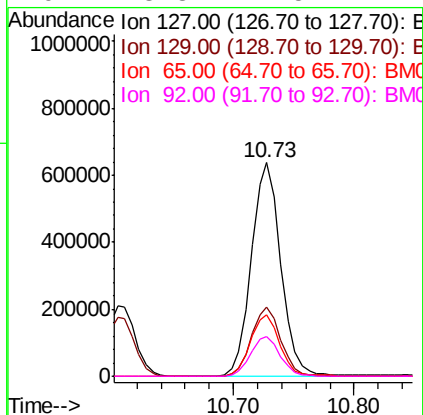
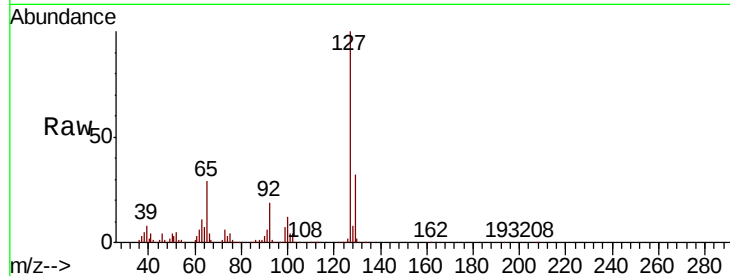
#33
4-Chloroaniline
Concen: 41.164 ng
RT: 10.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.7	23.4	35.2
92	18.8	14.5	21.7

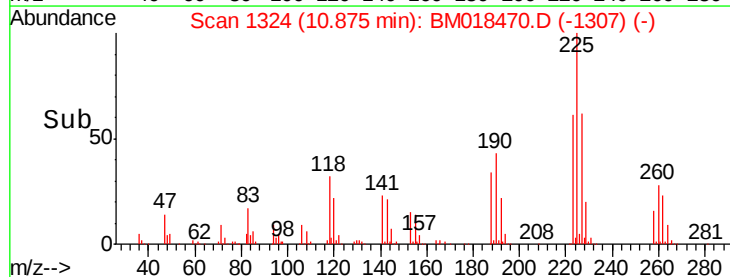
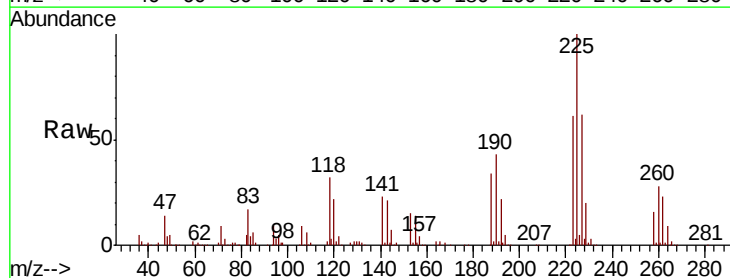
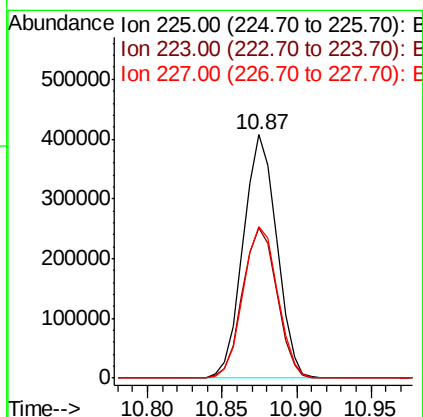
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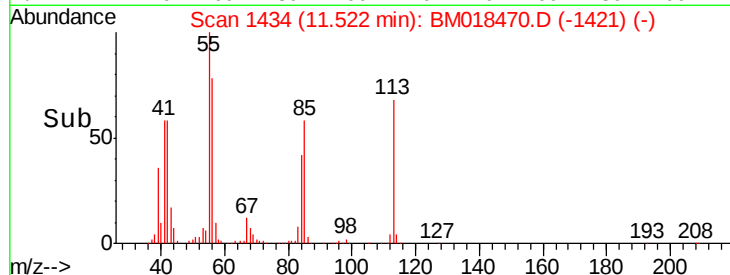
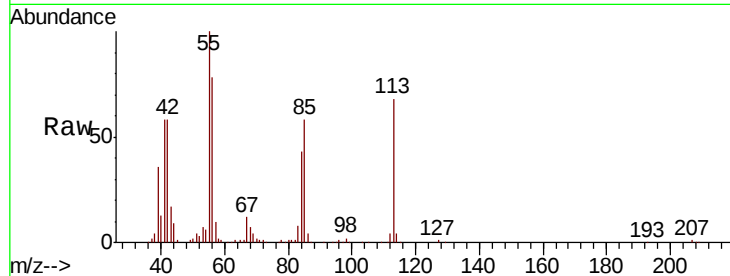
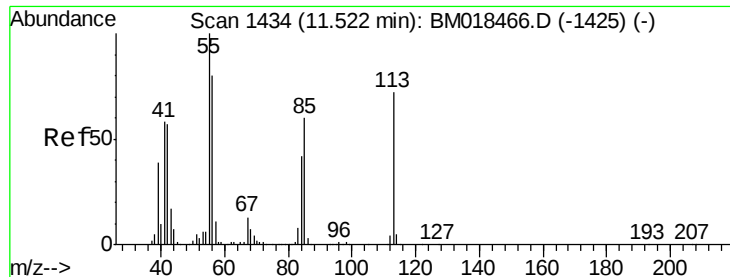
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#34
Hexachlorobutadiene
Concen: 39.603 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.8	76.2
227	62.4	50.4	75.6





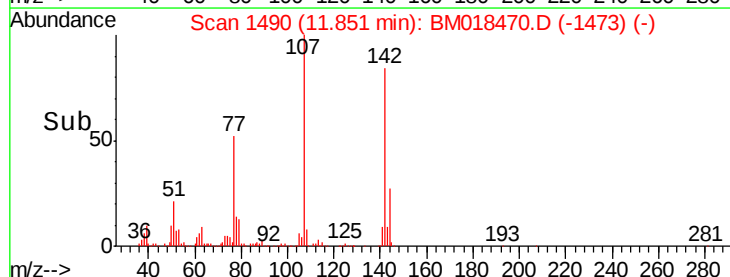
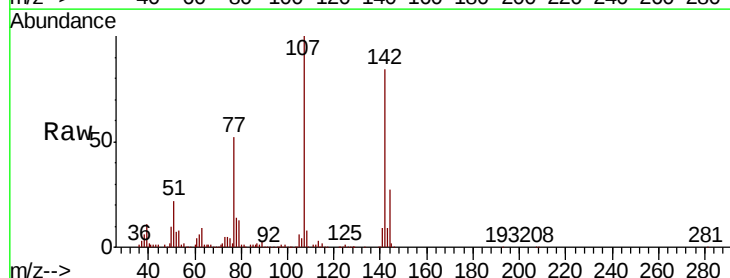
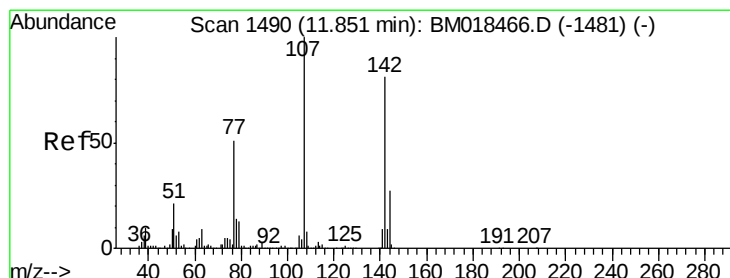
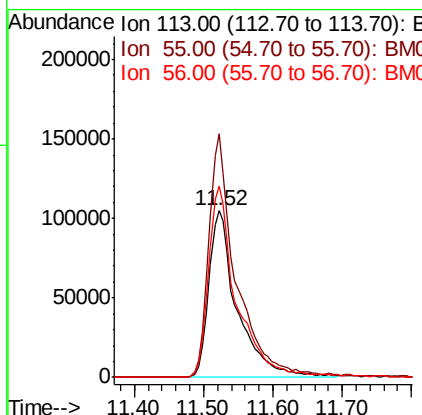
#35
Caprolactam
Concen: 42.971 ng/ml
RT: 11.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.5	139.3	179.3
56	114.8	101.4	141.4

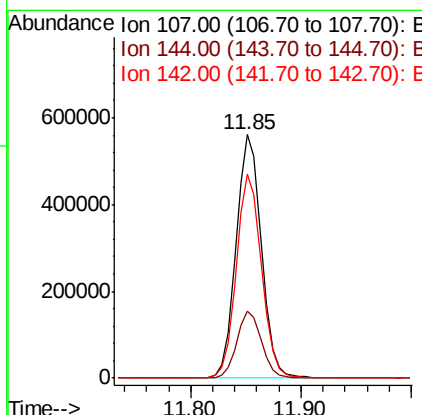
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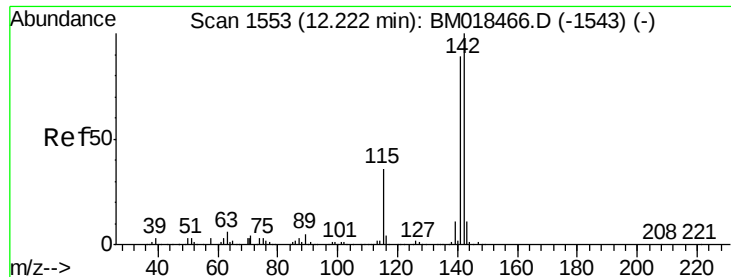
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#36
4-Chloro-3-methylphenol
Concen: 42.288 ng/ml
RT: 11.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	21.9	32.9
142	83.6	67.9	101.9





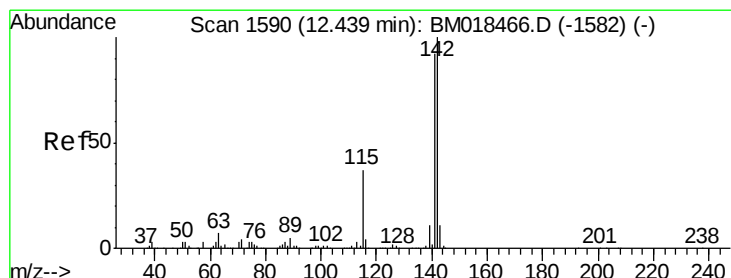
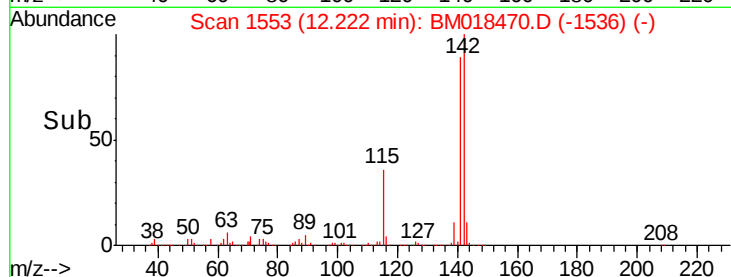
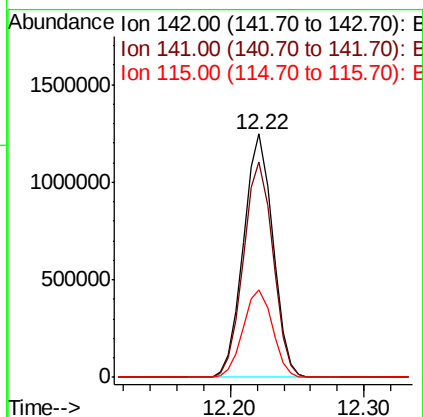
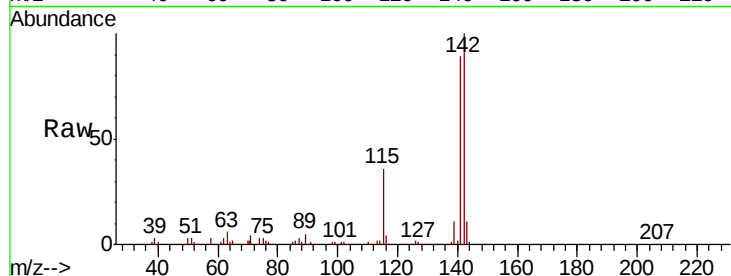
#37
2-Methylnaphthalene
Concen: 40.092 ng
RT: 12.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	35.9	28.0	42.0

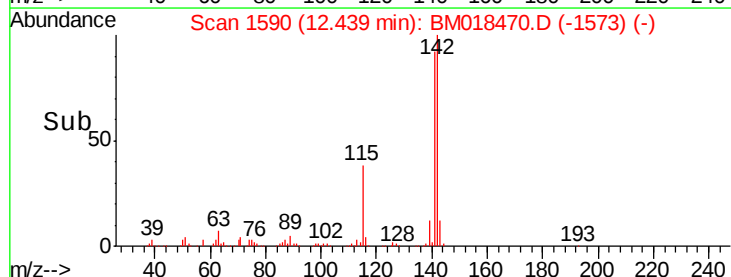
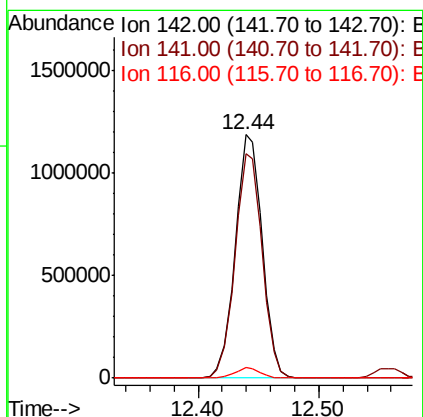
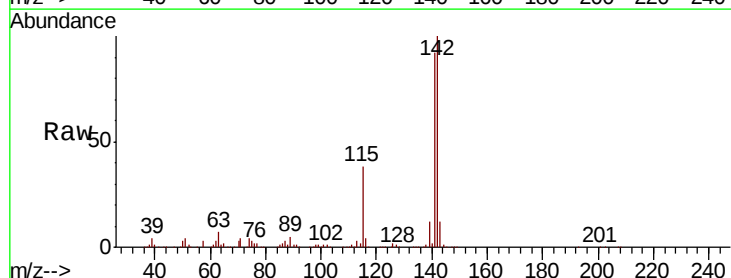
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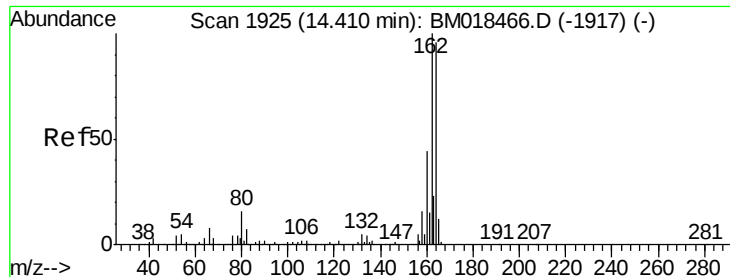
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#38
1-Methylnaphthalene
Concen: 40.246 ng
RT: 12.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.6	113.4
116	4.2	3.0	4.6





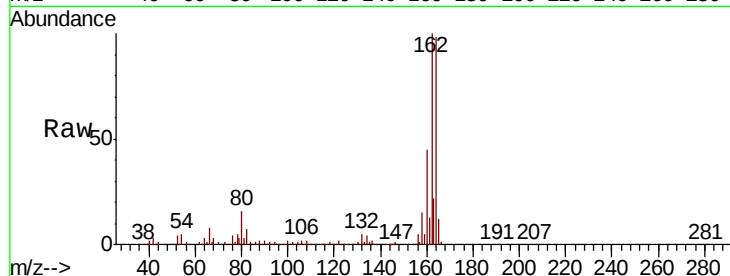
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.0	124.4
160	46.3	37.1	55.7

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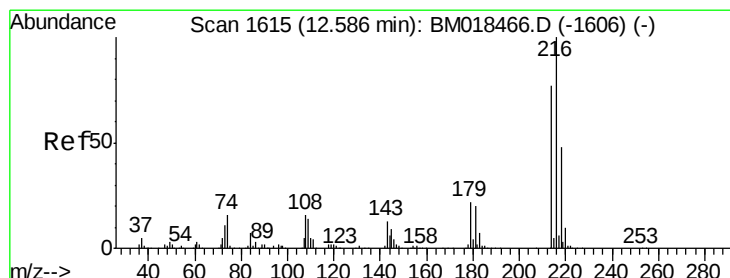
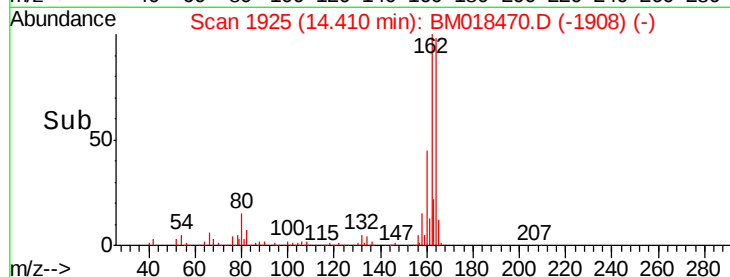
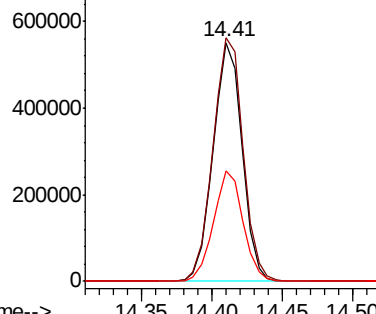


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.985 ng
RT: 12.59 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
179	22.2	17.9	26.9
108	18.1	15.8	23.6

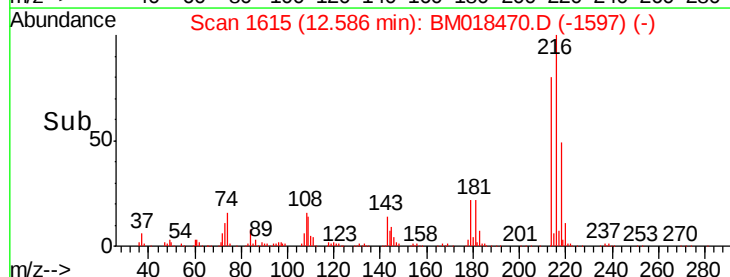
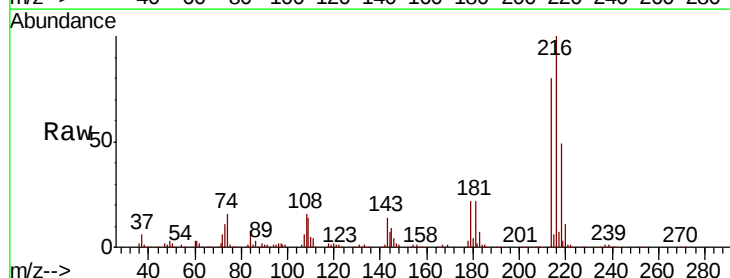
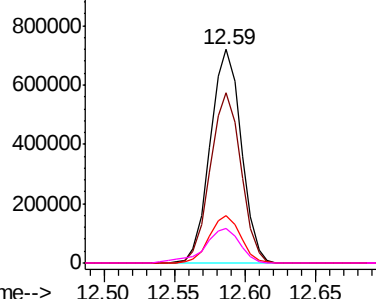
Abundance

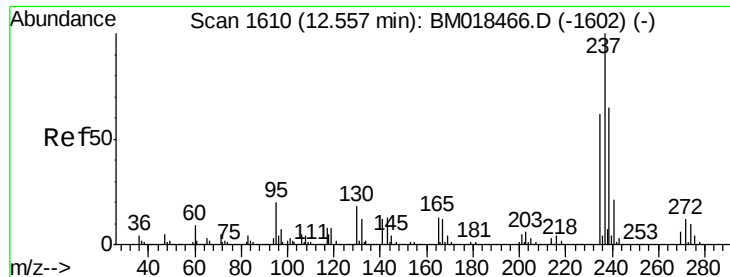
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.854 ng

RT: 12.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

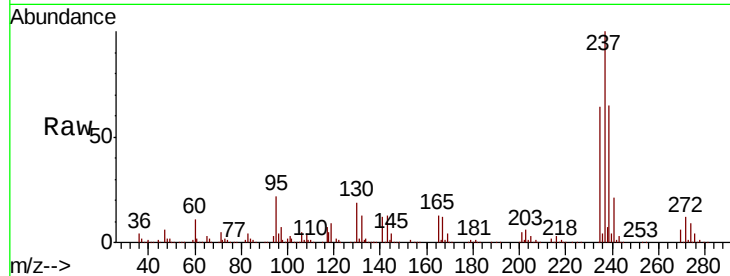
ClientSampleId :

ICVBM010919

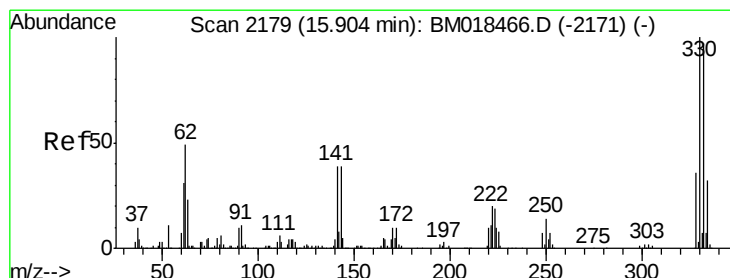
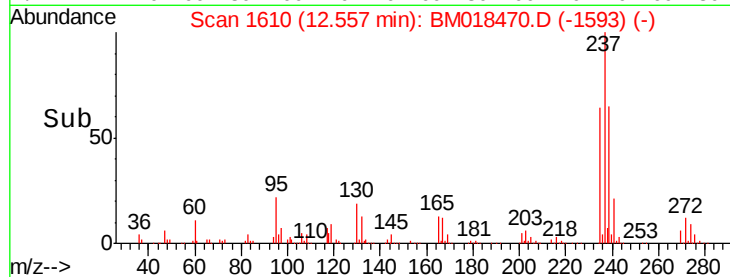
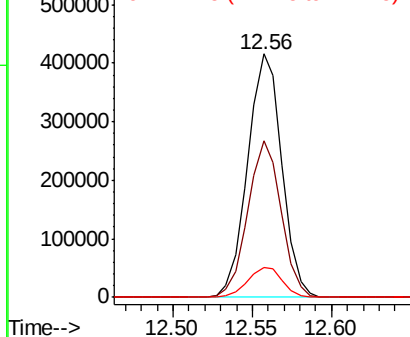
Tot Ion:	237	Resp:	620978
Ion Ratio		Lower	Upper
237	100		
235	64.2	42.8	82.8
272	12.1	0.0	31.9

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



#42

2,4,6-Tribromophenol

Concen: 84.825 ng

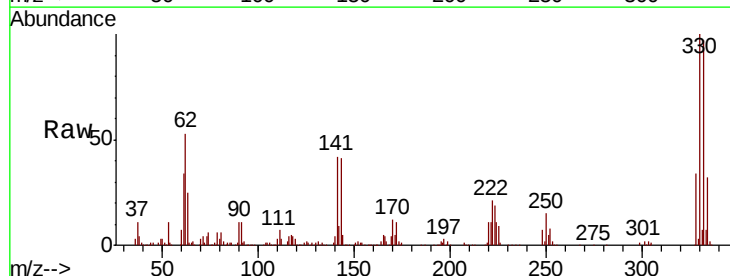
RT: 15.90 min Scan# 2179

Delta R.T. 0.00 min

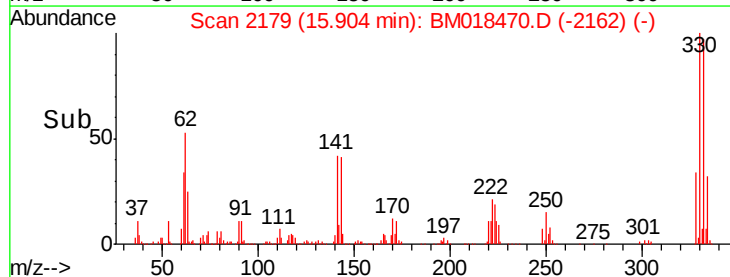
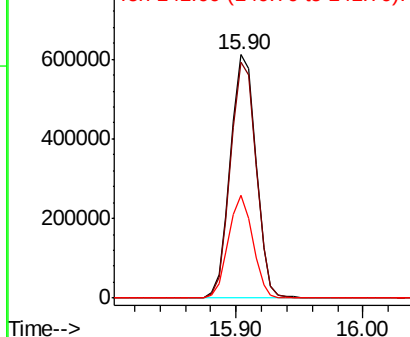
Lab File: BM018470.D

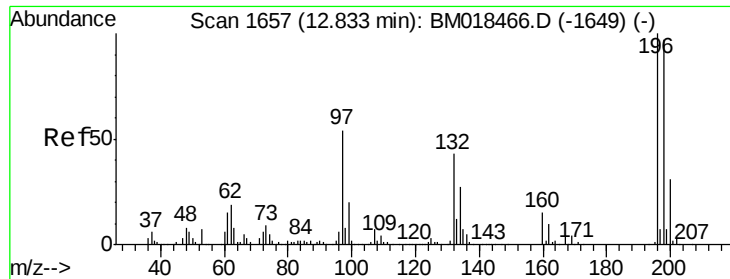
Acq: 09 Jan 2019 12:39

Tgt Ion:	330	Resp:	855385
Ion Ratio		Lower	Upper
330	100		
332	96.9	77.6	116.4
141	40.4	31.7	47.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





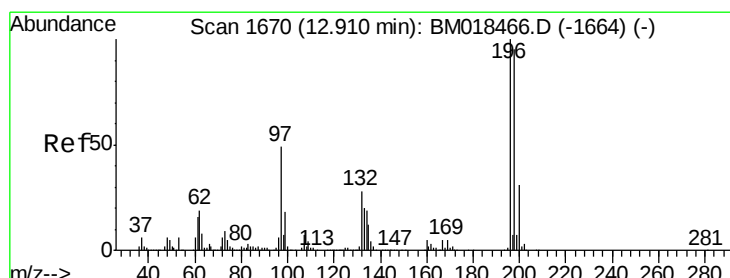
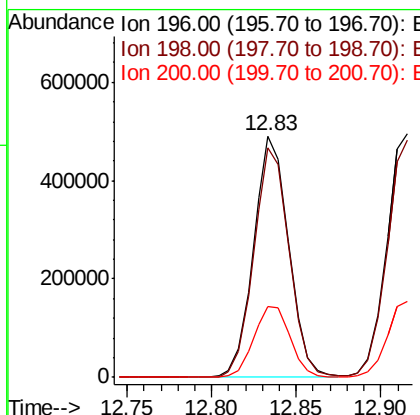
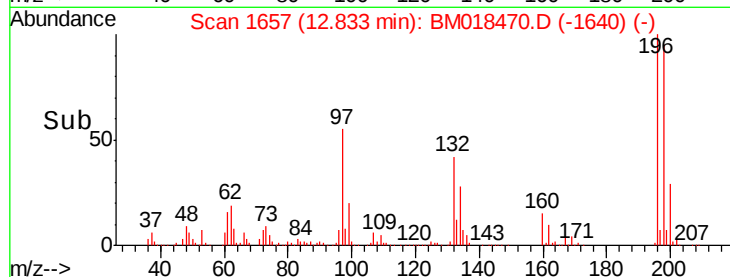
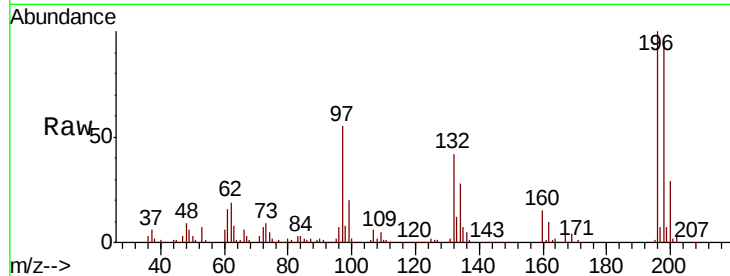
#43
 2,4,6-Trichlorophenol
 Concen: 42.092 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.6	115.0
200	29.4	24.2	36.4

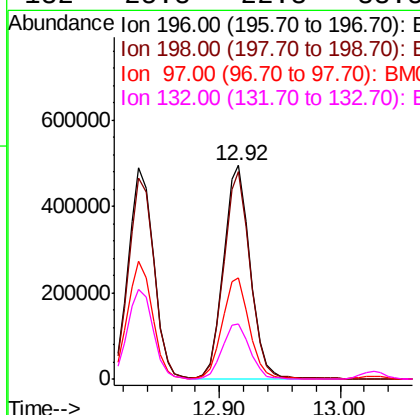
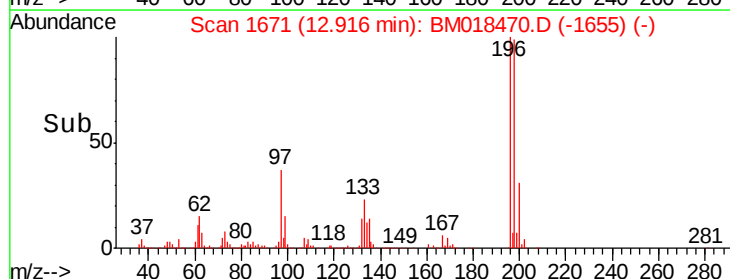
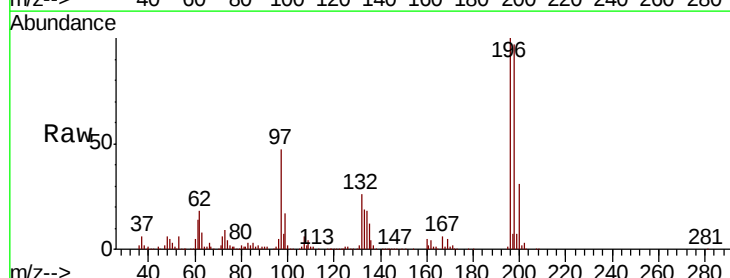
Manual Integrations
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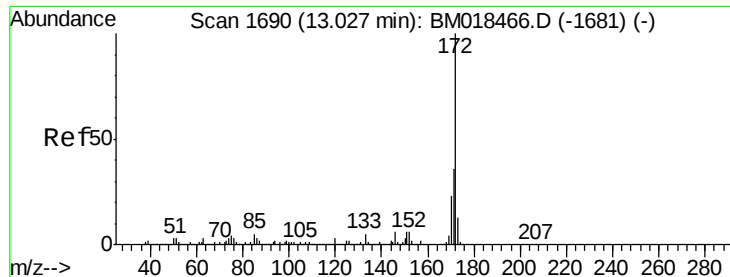
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#44
 2,4,5-Trichlorophenol
 Concen: 42.435 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.7	115.1
97	47.4	39.2	58.8
132	25.8	22.3	33.5





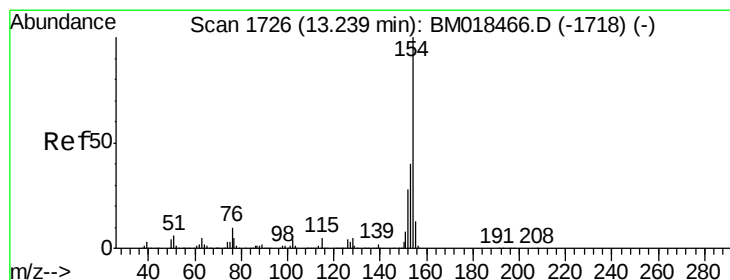
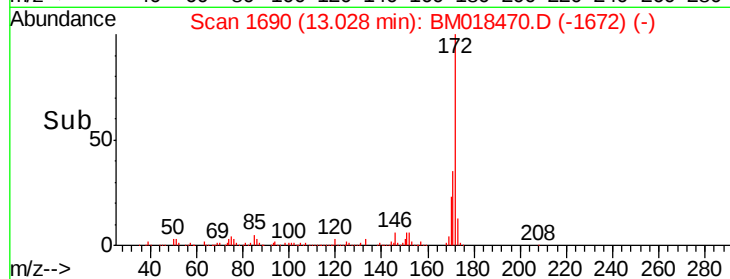
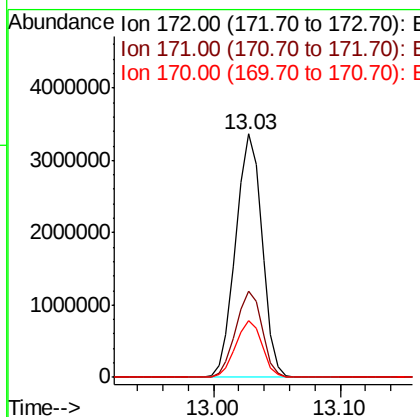
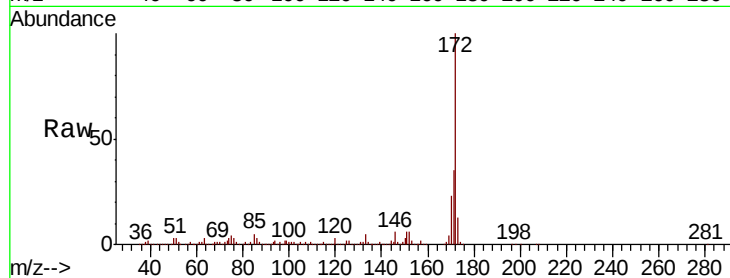
#45
2-Fluorobiphenyl
Concen: 79.798 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.3	28.2	42.4	
170	23.2	18.9	28.3	

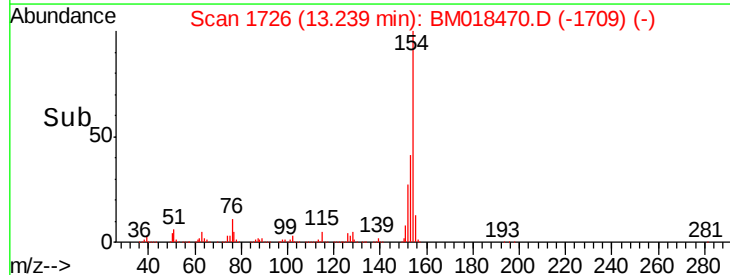
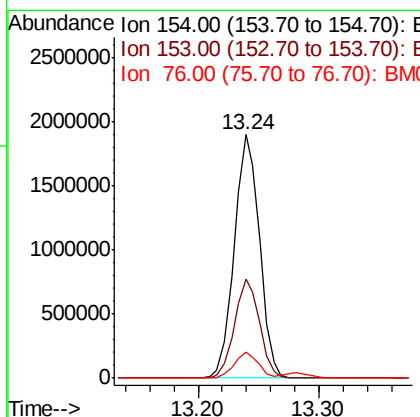
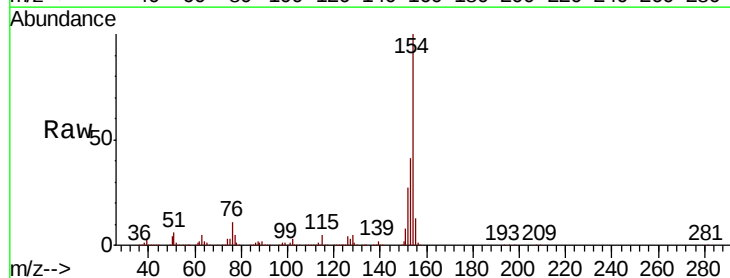
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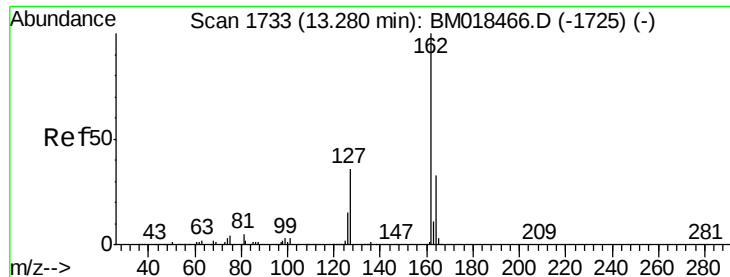
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#46
1,1'-Biphenyl
Concen: 39.854 ng
RT: 13.24 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.6	20.5	60.5	
76	10.7	0.0	31.9	





#47

2-Chloronaphthalene

Concen: 39.731 ng

RT: 13.28 min Scan# 1733

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

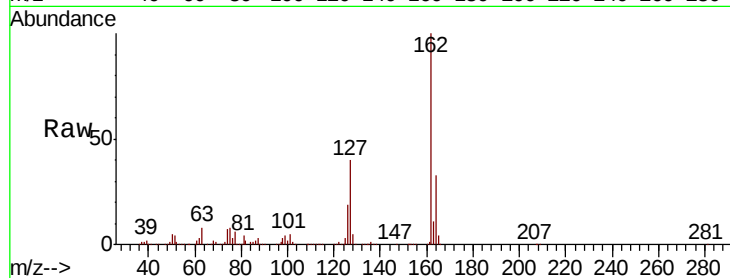
ClientSampleId :

ICVBM010919

Tot Ion:	162	Resp:	2130517
Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.4	47.0
164	32.9	26.2	39.4

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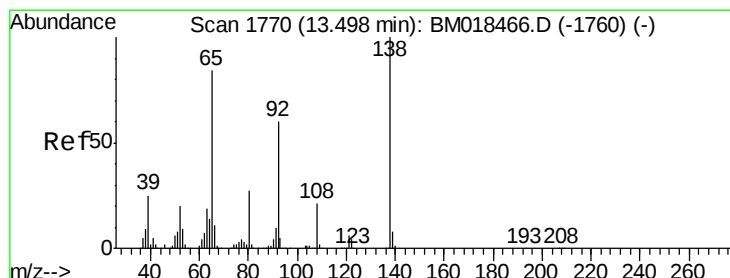
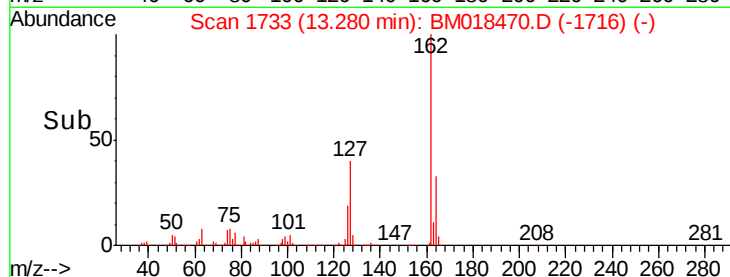
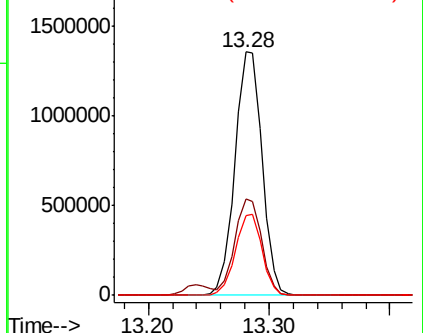


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.827 ng

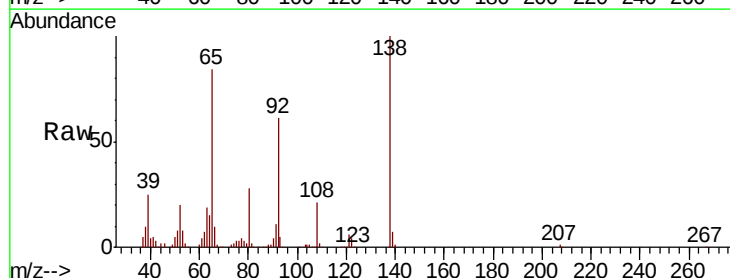
RT: 13.50 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion:	65	Resp:	565009
Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.4	80.2
138	118.4	88.9	133.3

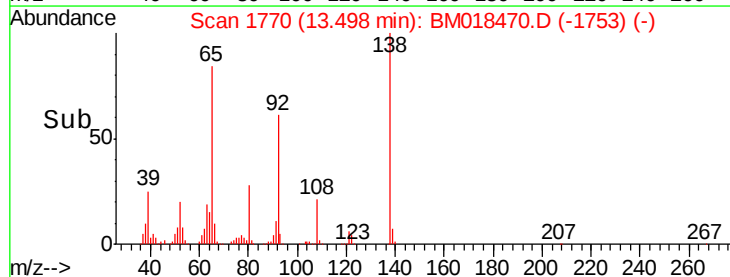
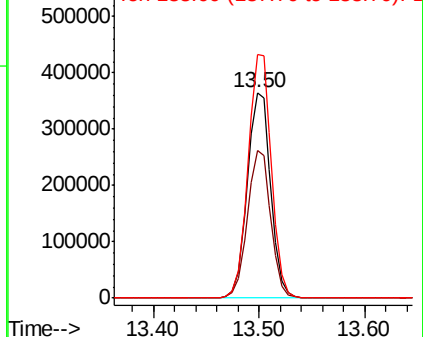


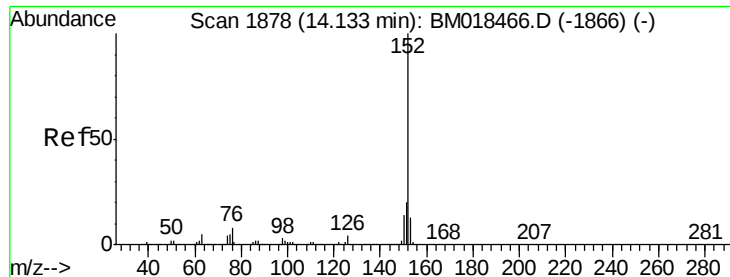
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.696 ng

RT: 14.13 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

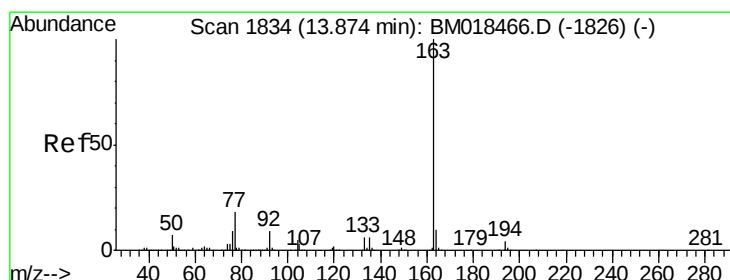
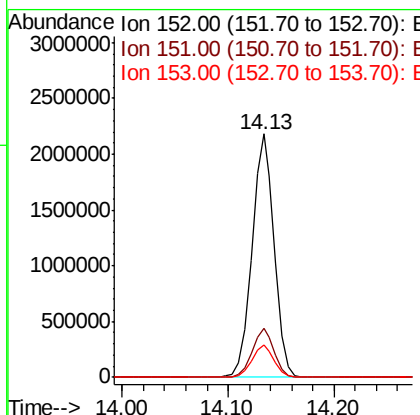
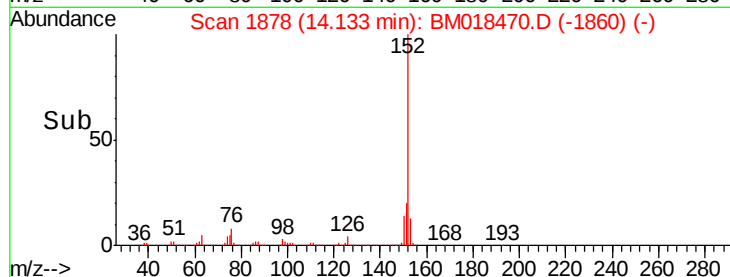
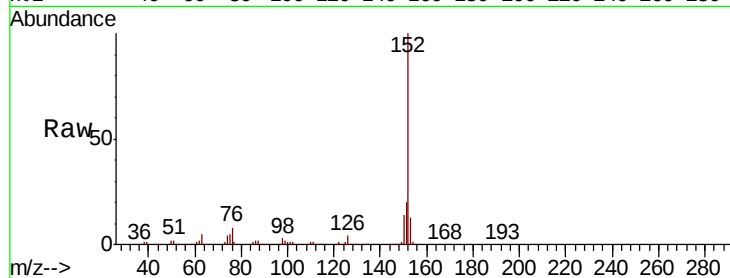
ClientSampleId :

ICVBM010919

Tot Ion:	152	Resp:	3180301
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.1	10.5	15.7

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#50

Dimethylphthalate

Concen: 40.596 ng

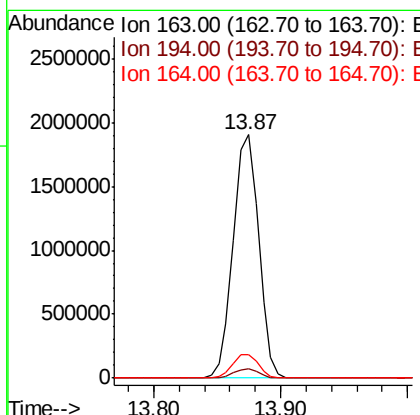
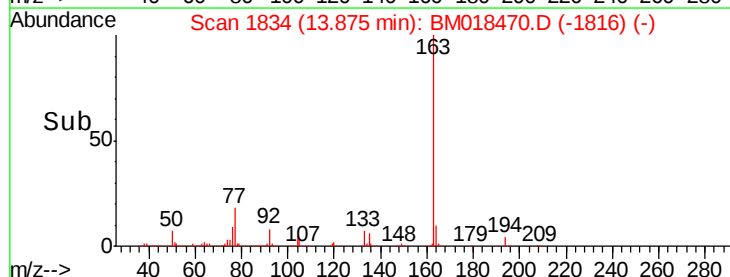
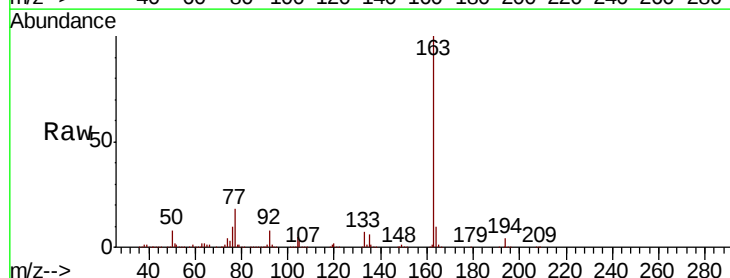
RT: 13.87 min Scan# 1834

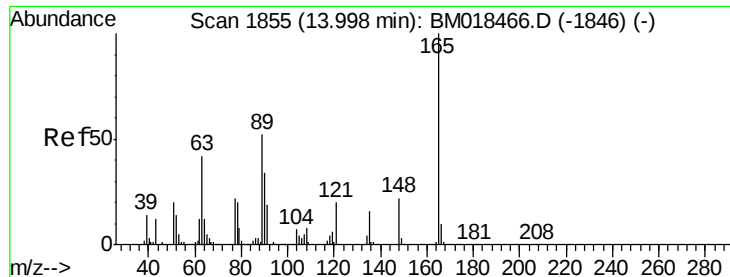
Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion:	163	Resp:	2640477
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.6	7.8	11.8





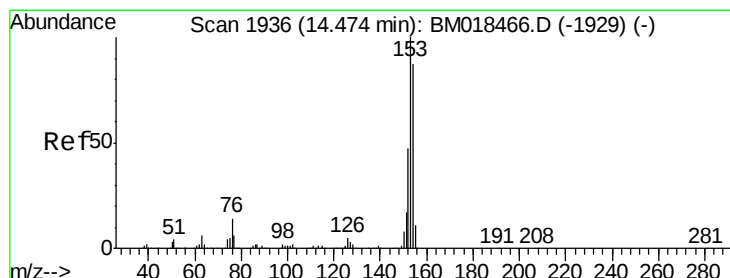
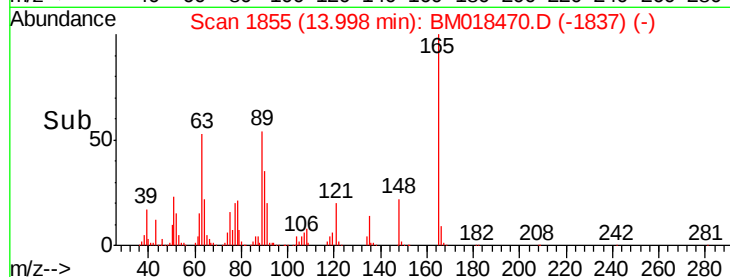
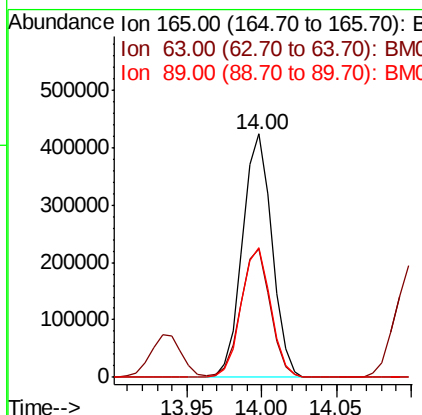
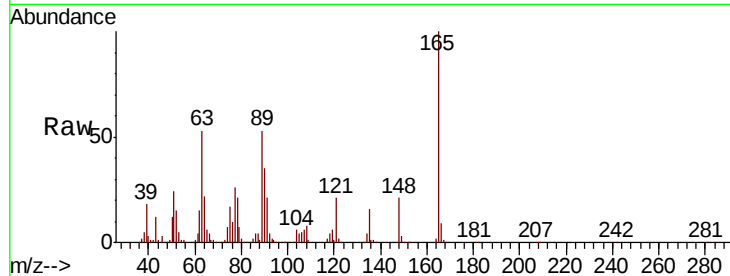
#51
2,6-Dinitrotoluene
Concen: 42.109 ng
RT: 14.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampled :
ICVBM010919

Tot Ion	Ratio	Resp	Lower	Upper
165	100	580160		
63	52.9		45.6	68.4
89	53.3		44.6	66.8

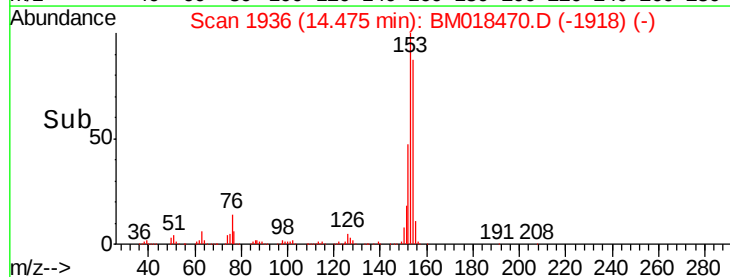
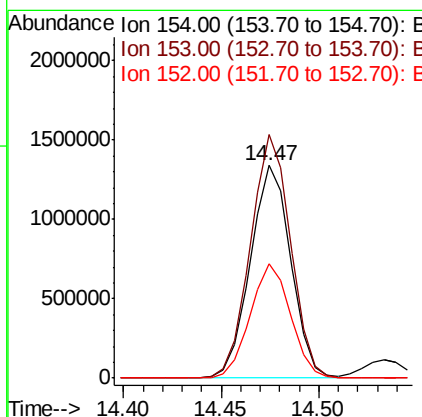
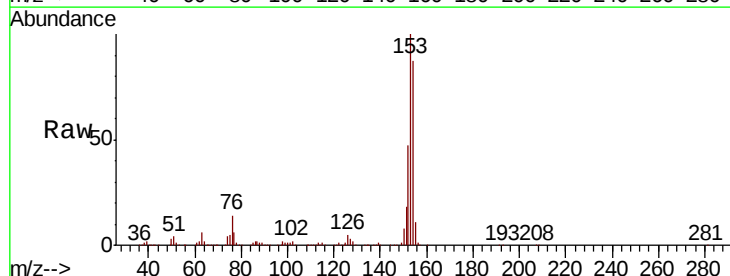
Manual Integrations
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#52
Acenaphthene
Concen: 40.174 ng
RT: 14.47 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1920907		
153	114.7		92.3	138.5
152	53.6		43.8	65.6





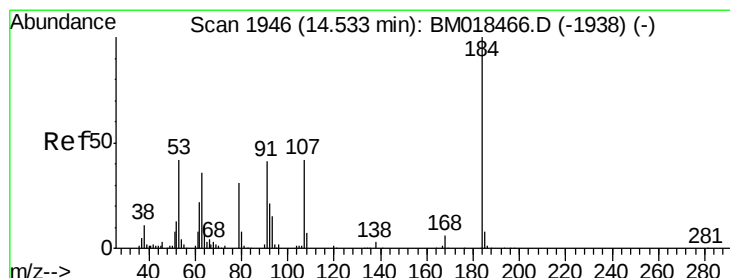
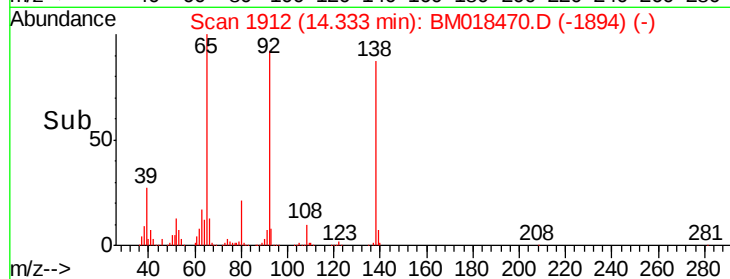
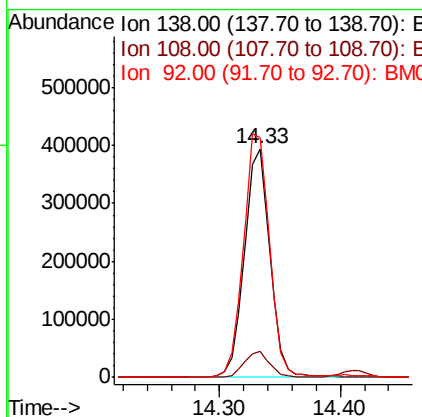
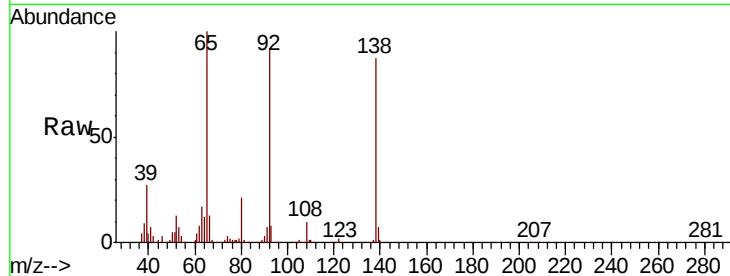
#53
3-Nitroaniline
Concen: 42.173 ng
RT: 14.33 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.1	13.7
92	104.9	88.2	132.2

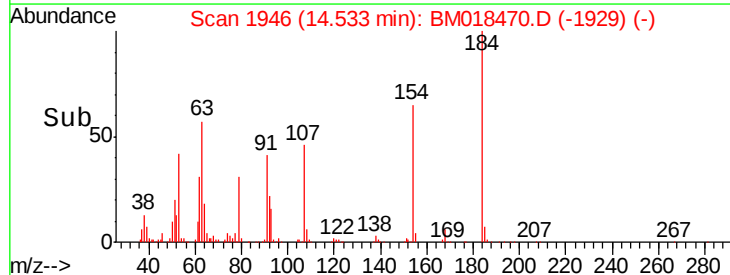
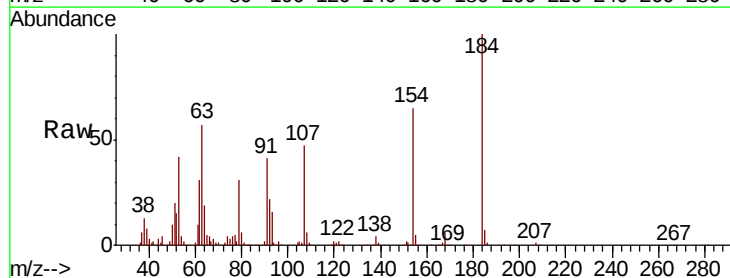
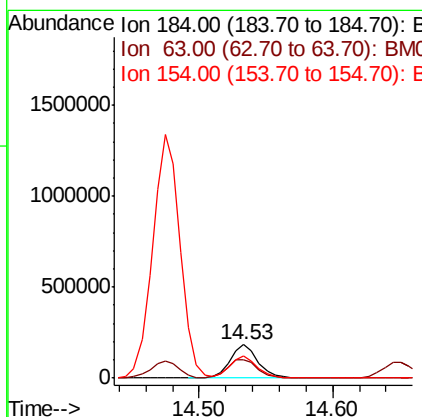
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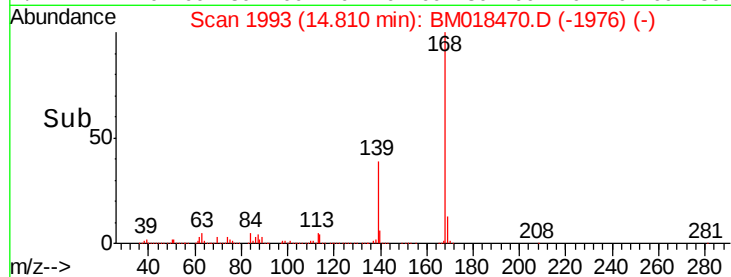
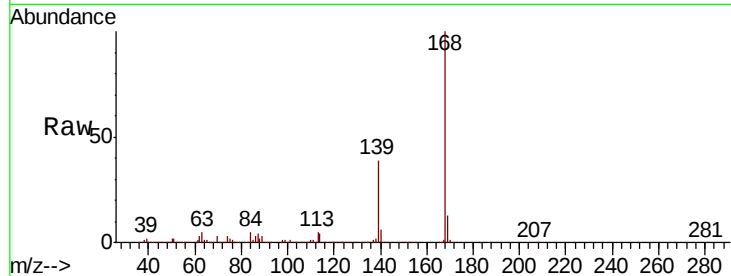
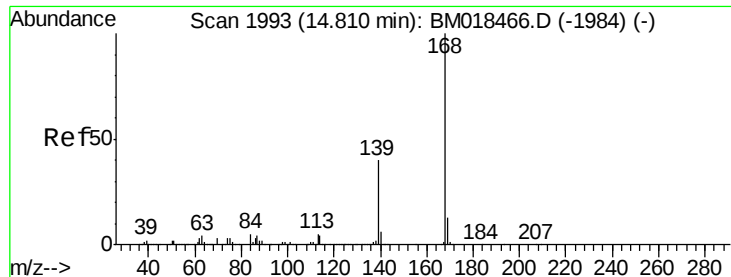
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#54
2,4-Dinitrophenol
Concen: 39.662 ng
RT: 14.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	55.9	83.9
154	65.3	54.2	81.4





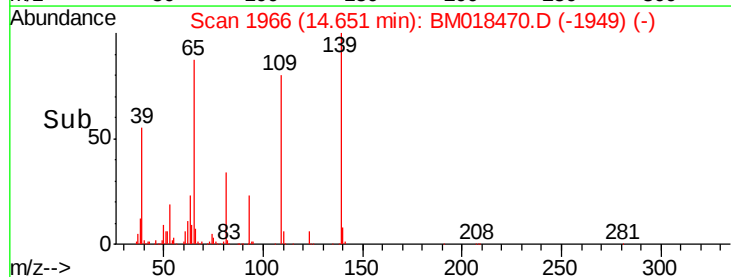
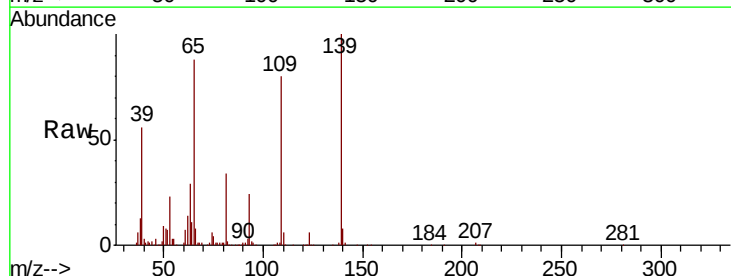
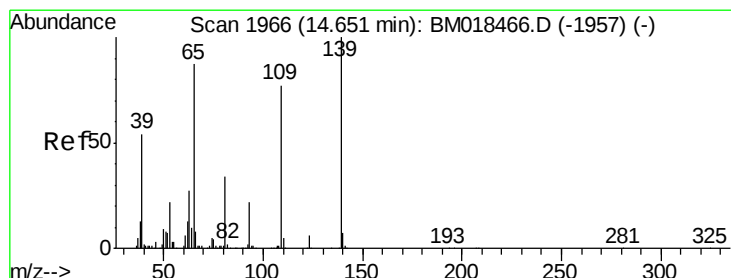
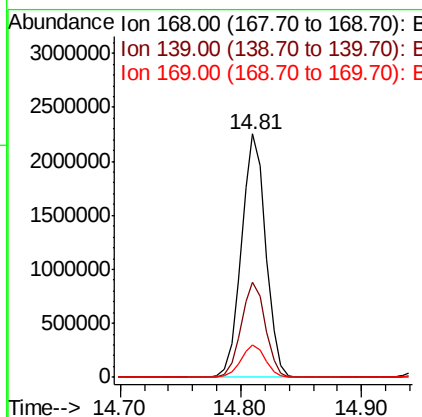
#55
Dibenzofuran
Concen: 39.907 ng
RT: 14.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.3	45.5
169	13.3	10.6	16.0

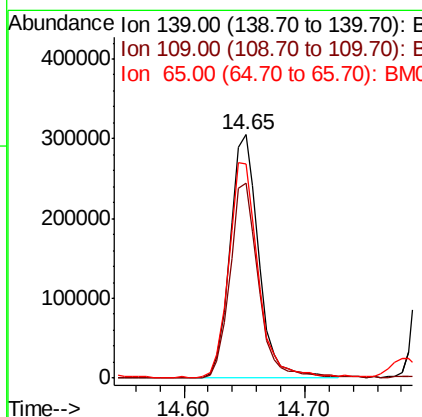
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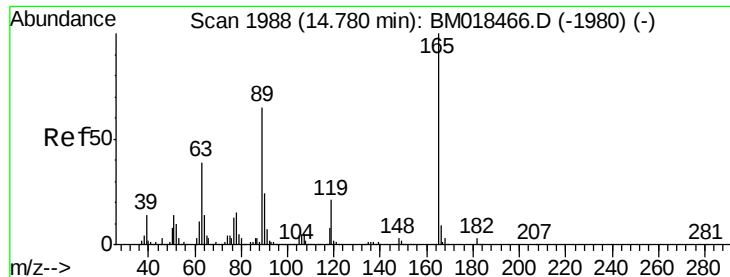
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#56
4-Nitrophenol
Concen: 42.170 ng
RT: 14.65 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.3	51.7	91.7
65	87.8	71.4	111.4





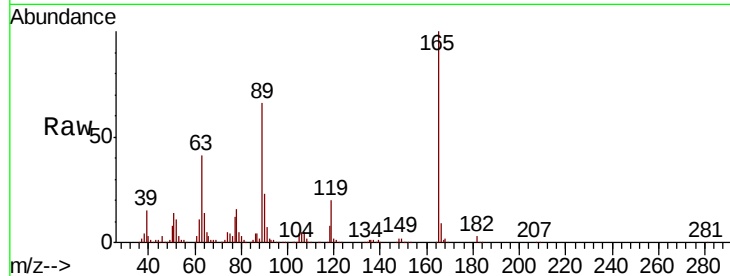
#57
2,4-Dinitrotoluene
Concen: 41.071 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	32.2	48.2
89	65.8	52.1	78.1
182	2.8	2.5	3.7

Manual Integrations
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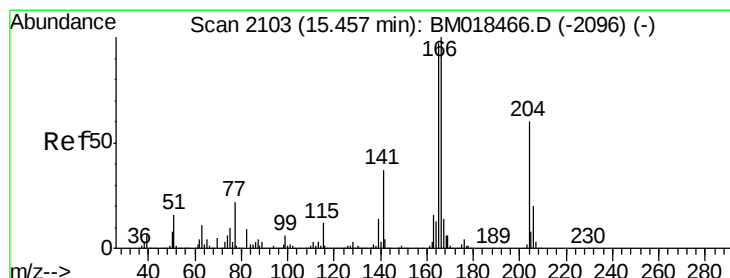
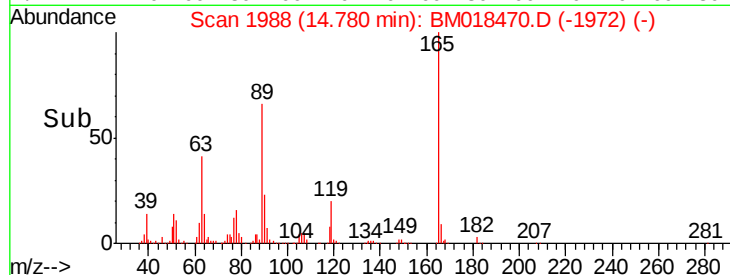
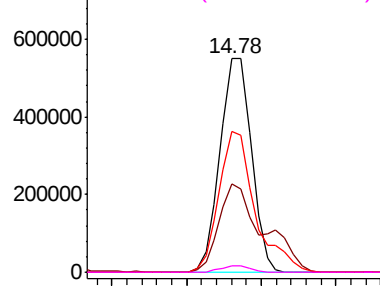
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

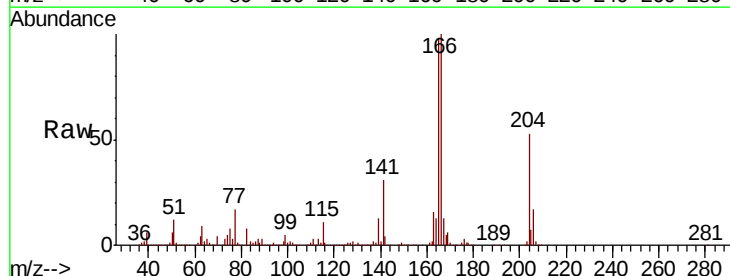
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.482 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.3	117.5
167	13.4	10.9	16.3

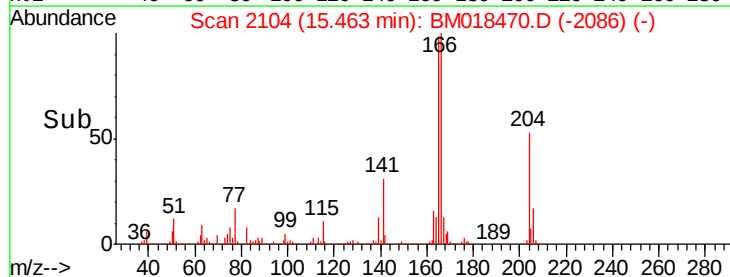
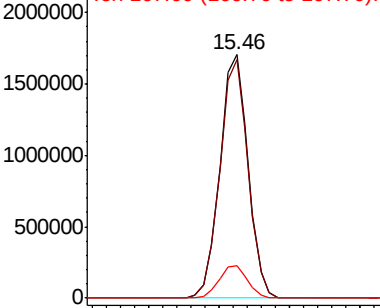


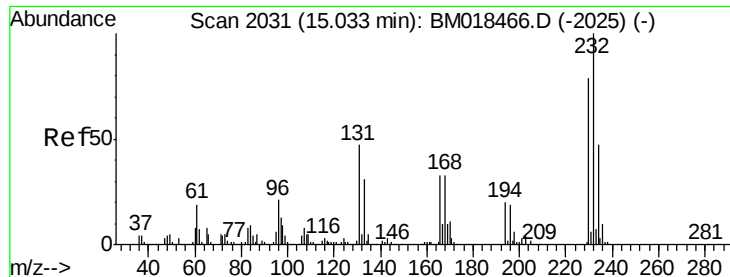
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.669 ng

RT: 15.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

Tot Ion:232 Resp: 653286

Ion Ratio Lower Upper

232 100

131 46.9 38.6 57.8

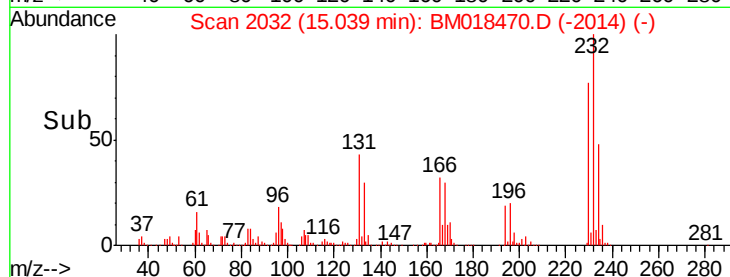
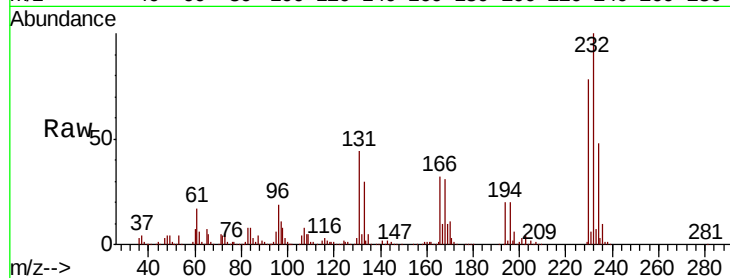
130 2.6 2.2 3.4

166 32.7 27.2 40.8

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1/10/2019 3:11:54 PM

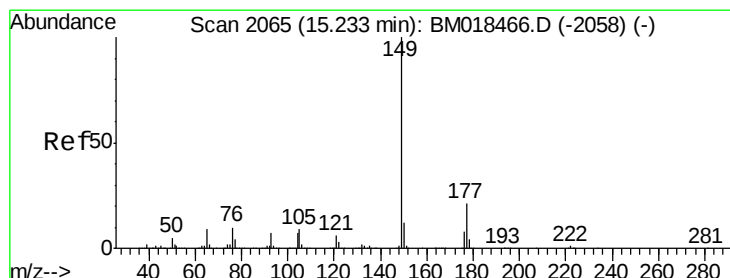
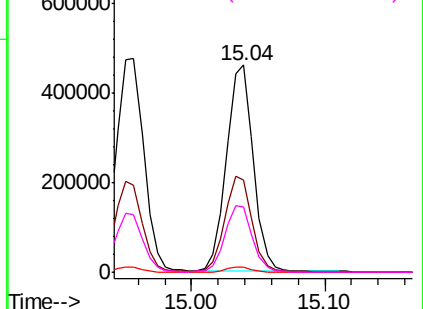


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.070 ng

RT: 15.24 min Scan# 2066

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

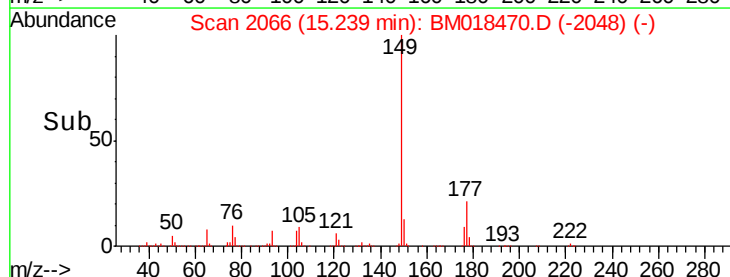
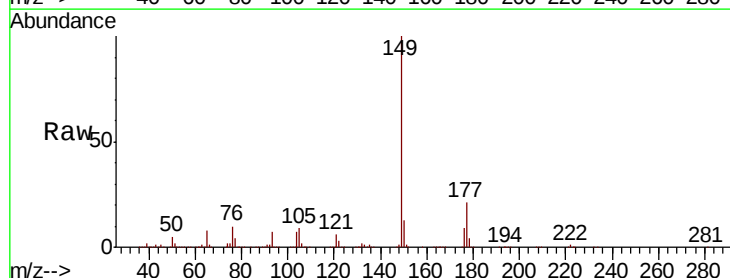
Tgt Ion:149 Resp: 2696737

Ion Ratio Lower Upper

149 100

177 21.5 17.1 25.7

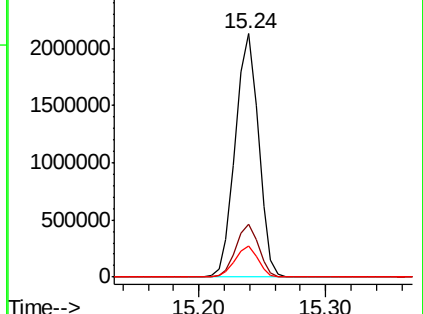
150 12.7 9.8 14.6

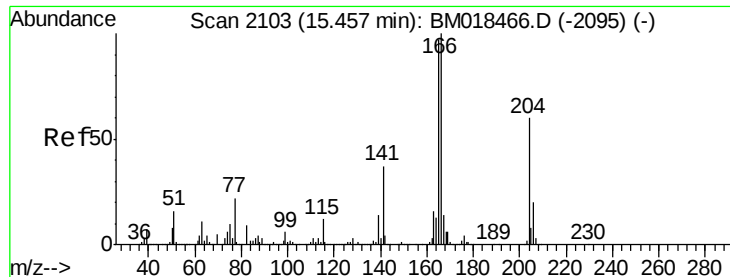


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





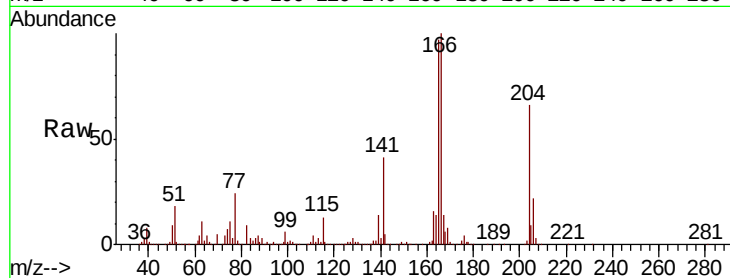
#61
4-Chlorophenyl-phenylether
Concen: 40.178 ng
RT: 15.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.6
141	61.8	49.5	74.3

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1/10/2019 3:11:54 PM

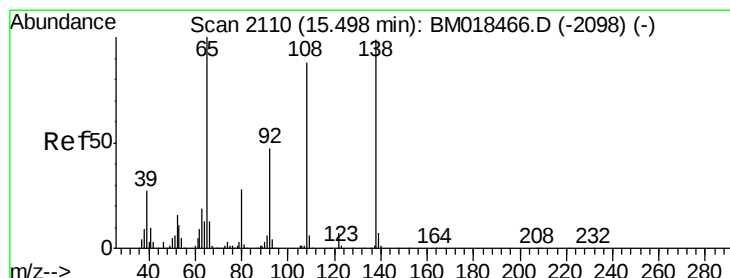
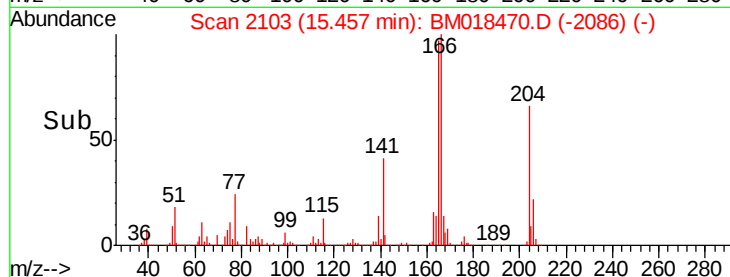
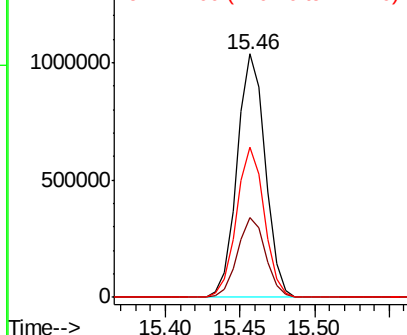


Abundance

Ion 204.00 (203.70 to 204.70): E

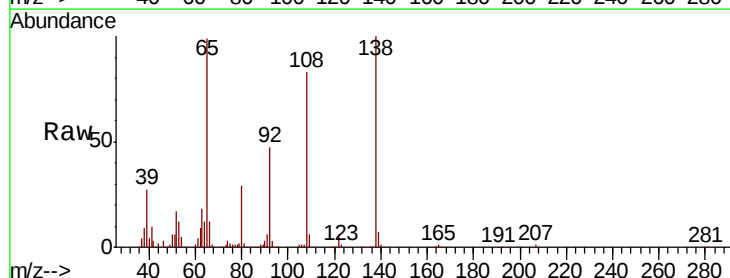
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.100 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	29.0	69.0
108	83.5	63.9	103.9

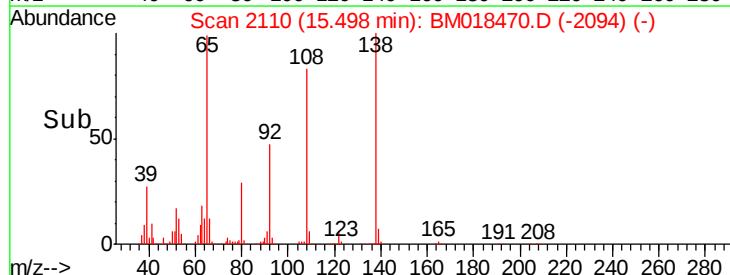
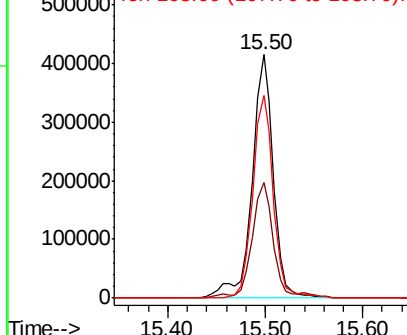


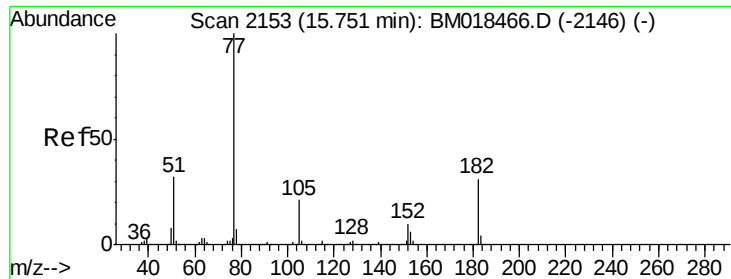
Abundance

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





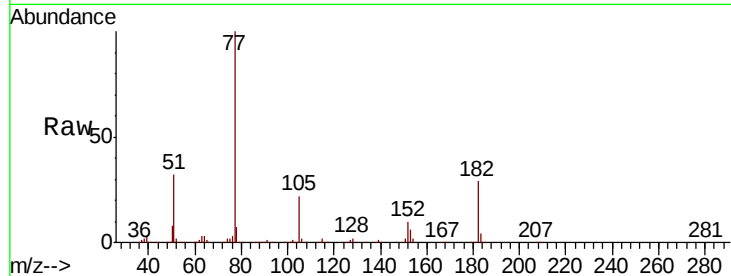
#63
Azobenzene
Concen: 41.256 ng
RT: 15.75 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	7.4	47.4
105	21.7	0.0	39.6
51	32.2	12.0	52.0

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1/10/2019 3:11:54 PM



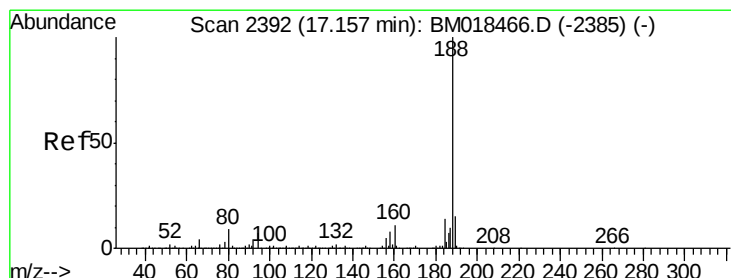
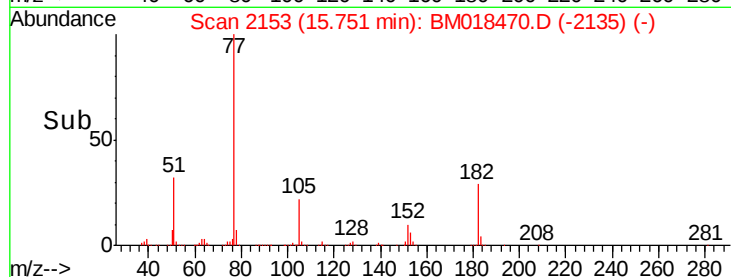
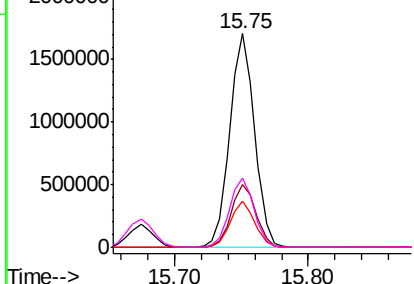
Abundance

Ion 77.00 (76.70 to 77.70): BM018470.D (-2135) (-)

Ion 182.00 (181.70 to 182.70): BM018470.D (-2135) (-)

Ion 105.00 (104.70 to 105.70): BM018470.D (-2135) (-)

Ion 51.00 (50.70 to 51.70): BM018470.D (-2135) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

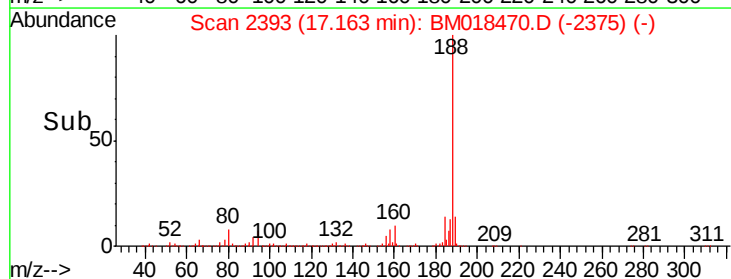
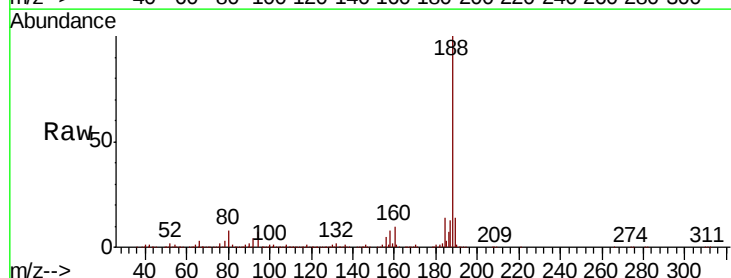
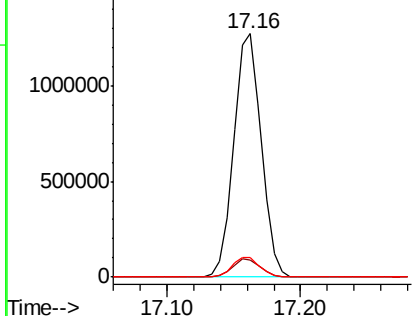
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.1	10.7#
80	8.0	7.6	11.4

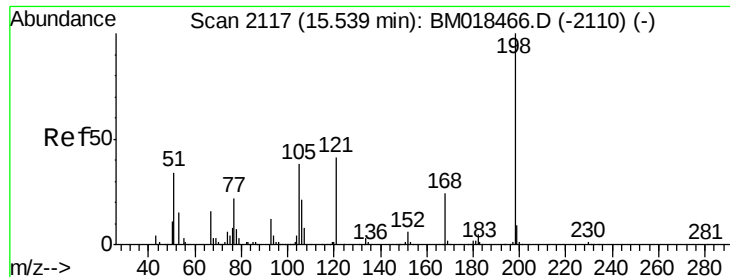
Abundance

Ion 188.00 (187.70 to 188.70): BM018470.D (-2375) (-)

Ion 94.00 (93.70 to 94.70): BM018470.D (-2375) (-)

Ion 80.00 (79.70 to 80.70): BM018470.D (-2375) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 39.824 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

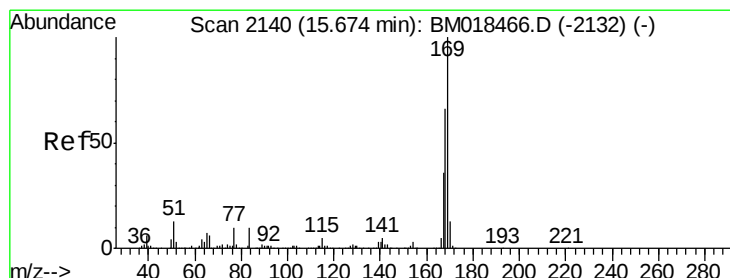
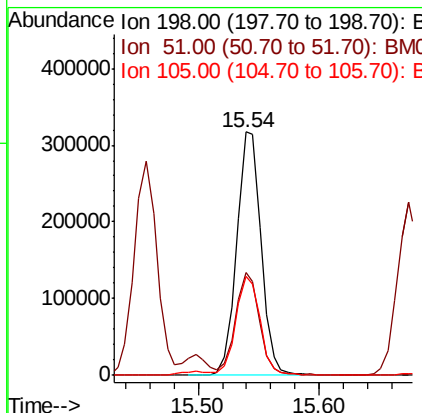
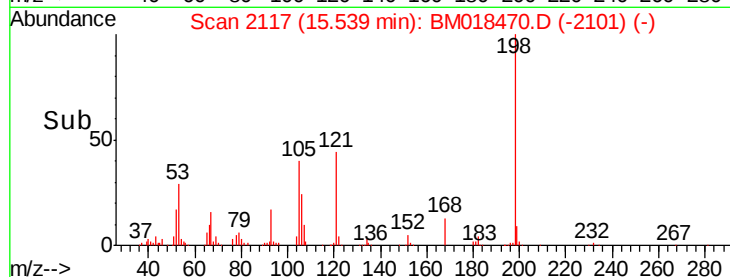
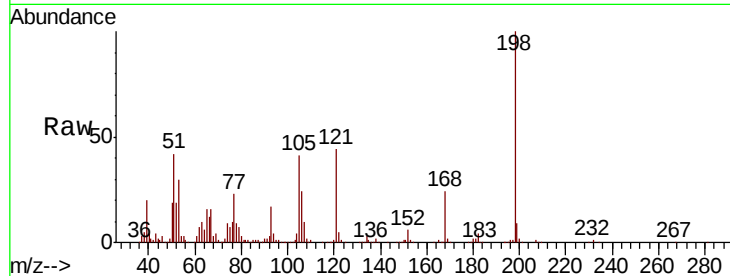
ClientSampleId :

ICVBM010919

Tot Ion:	198	Resp:	447607
Ion Ratio	Lower	Upper	
198	100		
51	42.3	29.6	69.6
105	40.6	25.5	65.5

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1/10/2019 3:11:54 PM



#66

n-Nitrosodiphenylamine

Concen: 40.516 ng

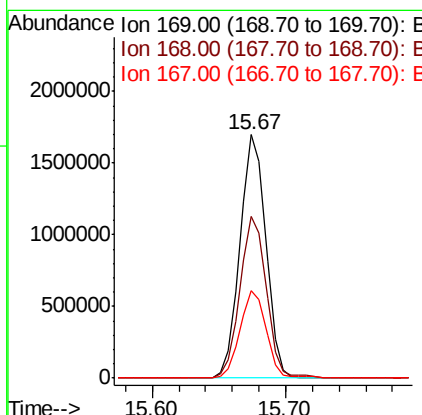
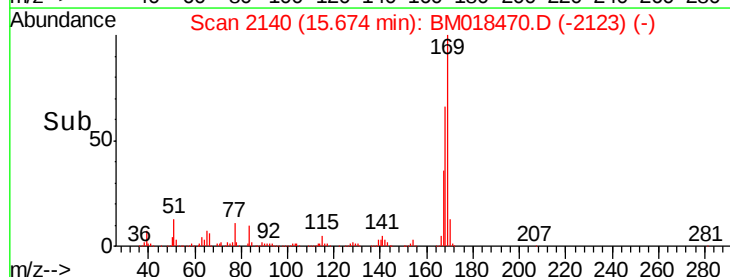
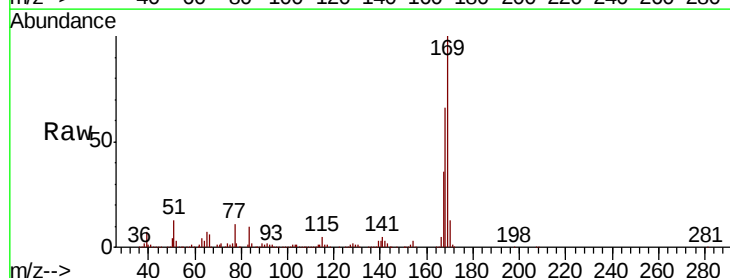
RT: 15.67 min Scan# 2140

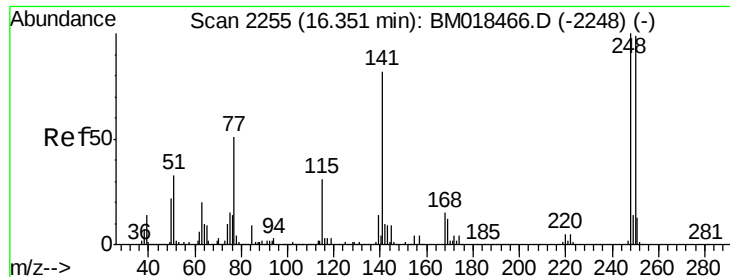
Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion:	169	Resp:	2275298
Ion Ratio	Lower	Upper	
169	100		
168	66.4	54.1	81.1
167	35.7	28.6	42.8





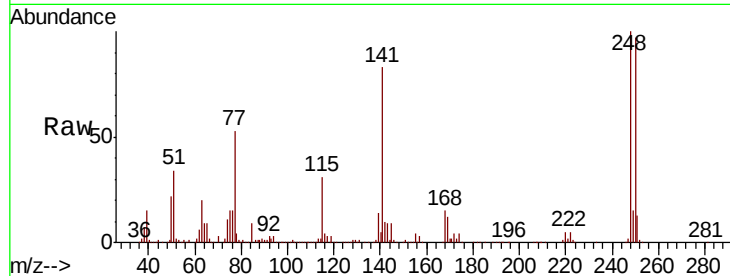
#67
4-Bromophenyl-phenylether
Concen: 40.055 ng
RT: 16.35 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.0	114.0
141	82.8	61.5	92.3

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1/10/2019 3:11:54 PM

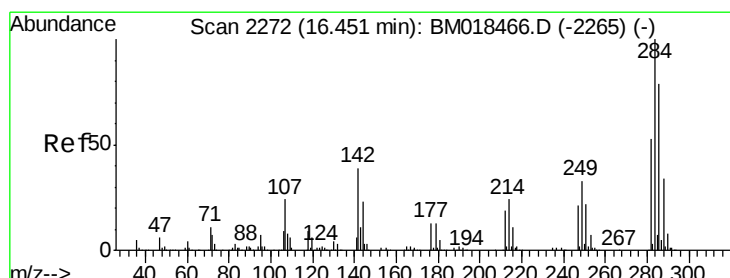
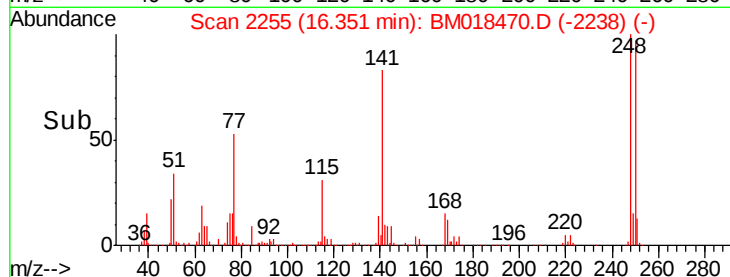
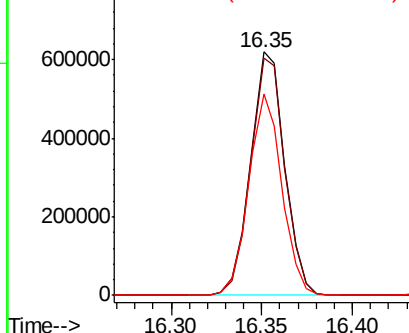


Abundance

Ion 248.00 (247.70 to 248.70): E

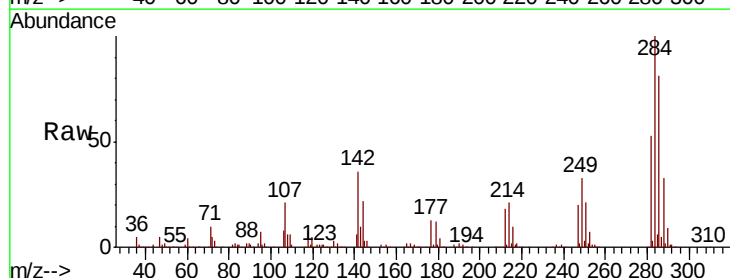
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.445 ng
RT: 16.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	29.2	43.8
249	33.0	26.1	39.1

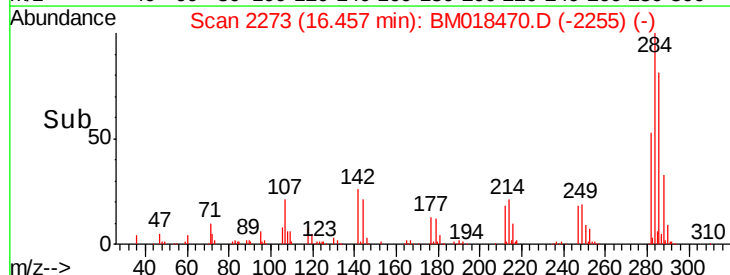
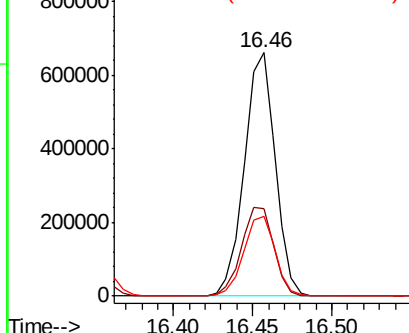


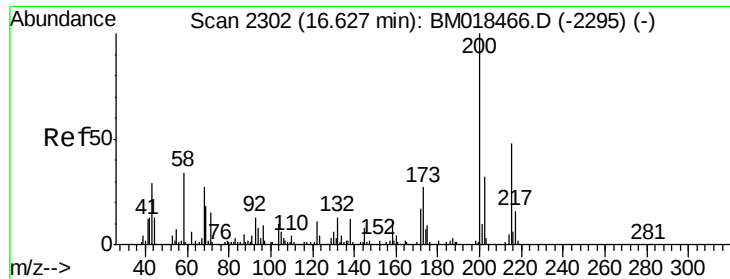
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





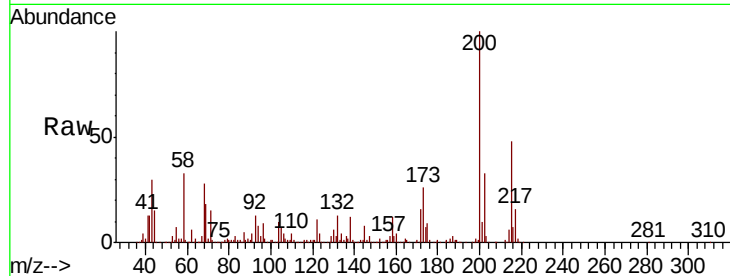
#69
Atrazine
Concen: 41.989 ng
RT: 16.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.2	47.2
215	48.3	28.3	68.3

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1/10/2019 3:11:54 PM

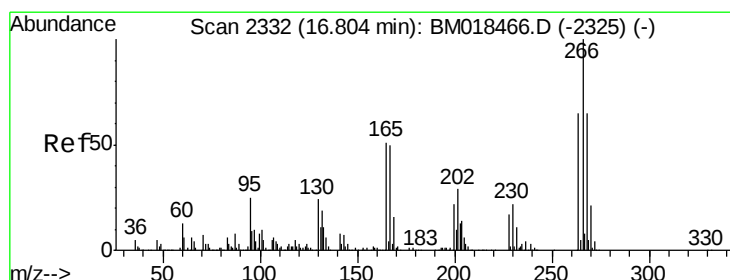
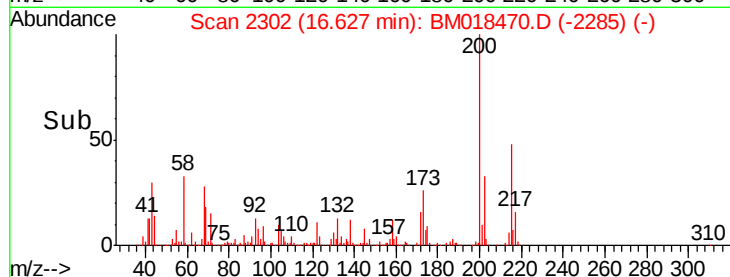
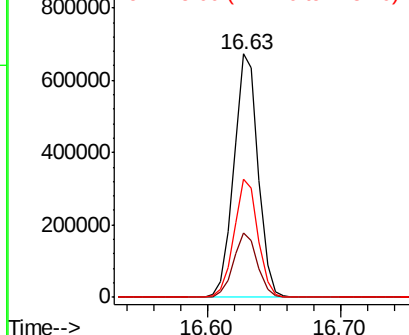


Abundance

Ion 200.00 (199.70 to 200.70): E

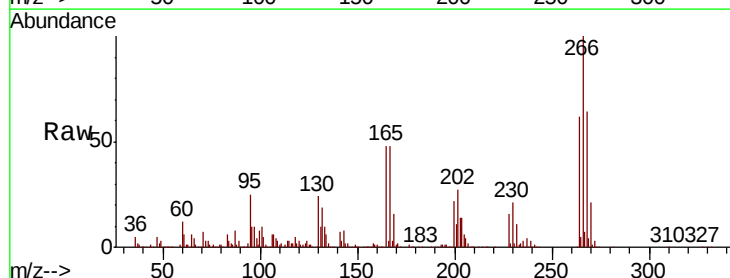
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 41.646 ng
RT: 16.80 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.8	74.6
264	62.0	50.1	75.1

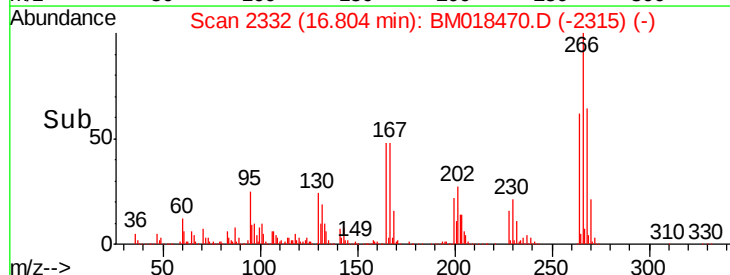
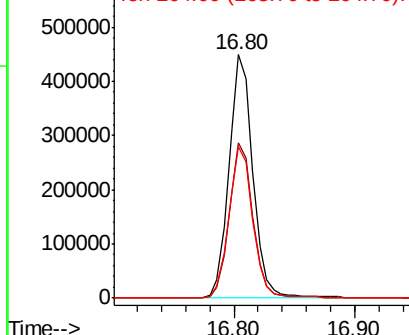


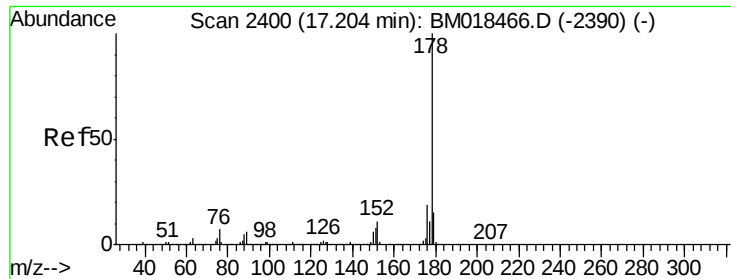
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





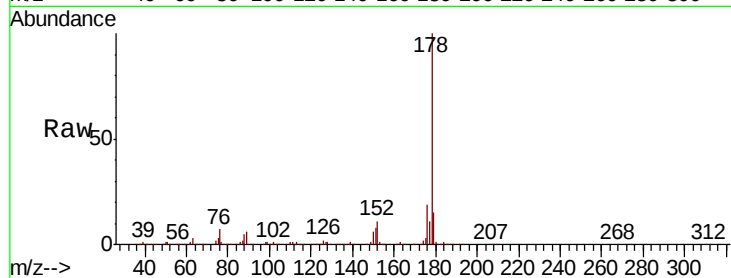
#71
Phenanthrene
Concen: 40.121 ng
RT: 17.20 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

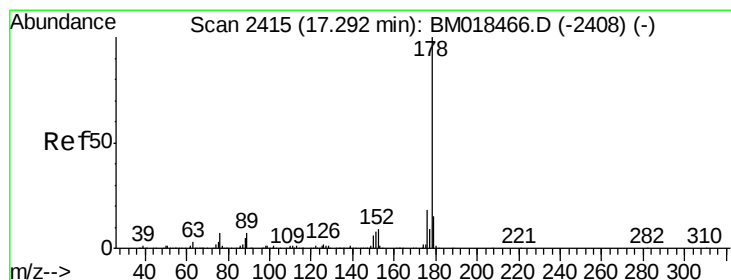
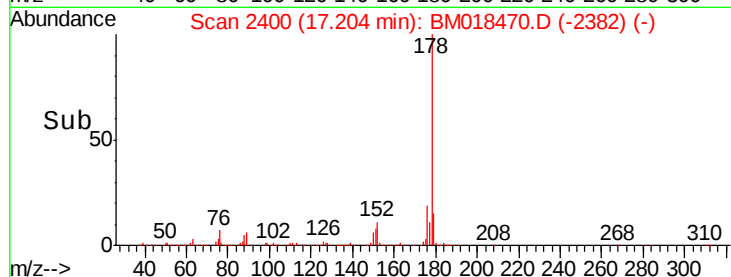
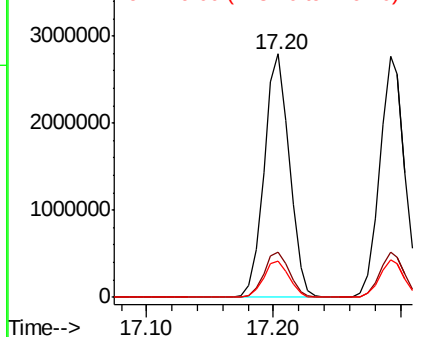
Tot Ion:178 Resp: 3863484
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.0 12.2 18.4

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1/10/2019 3:11:54 PM



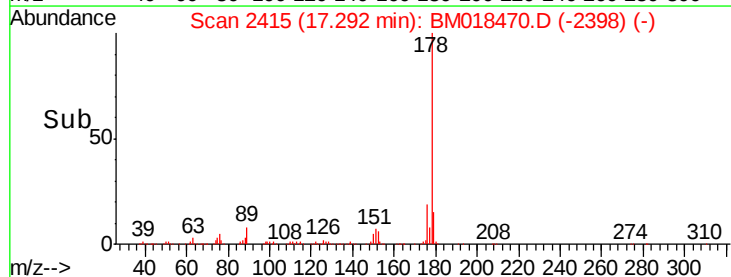
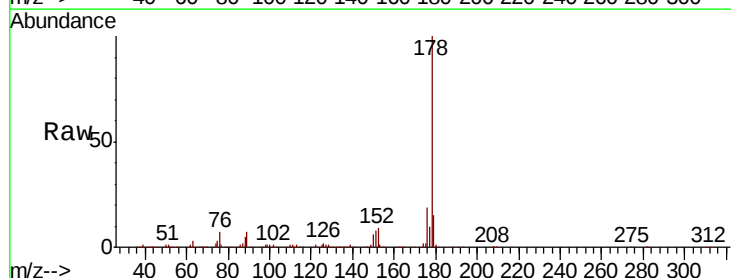
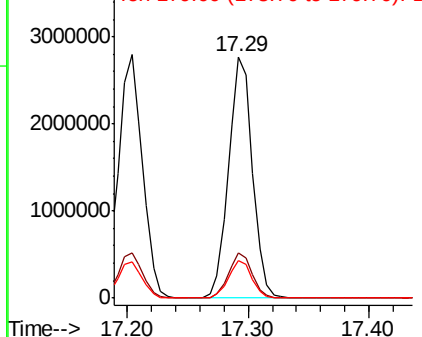
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

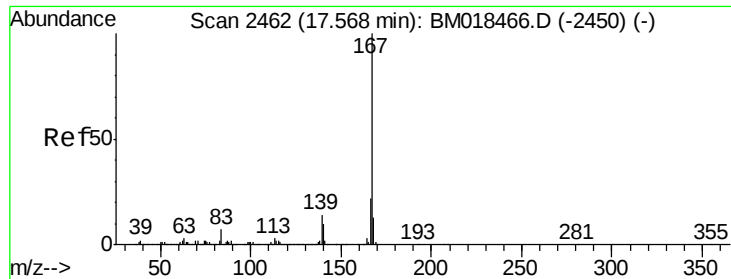


#72
Anthracene
Concen: 40.941 ng
RT: 17.29 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion:178 Resp: 3791109
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.4 12.2 18.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





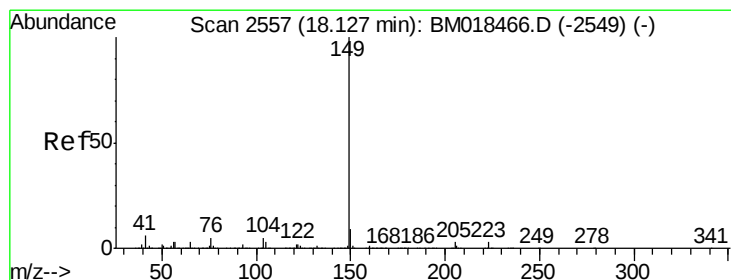
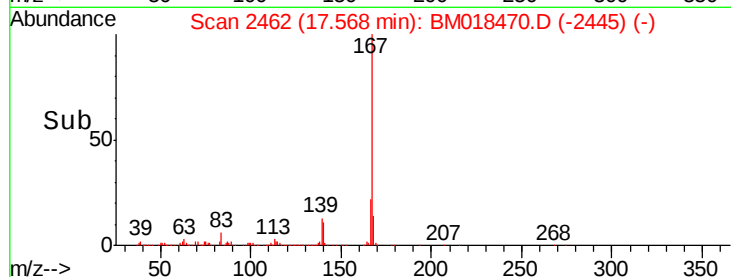
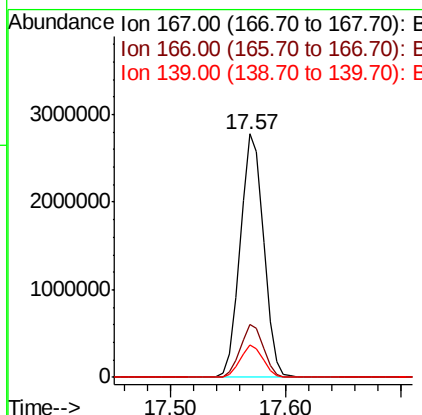
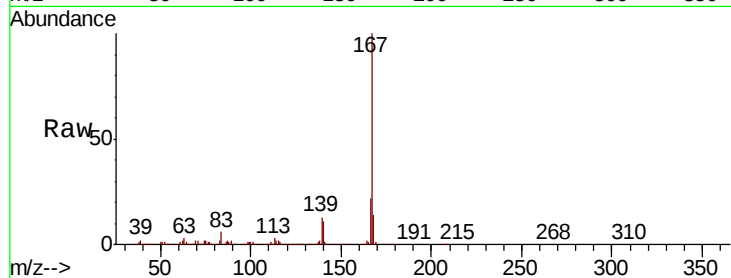
#73
 Carbazole
 Concen: 40.997 ng
 RT: 17.57 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.5	10.6	16.0

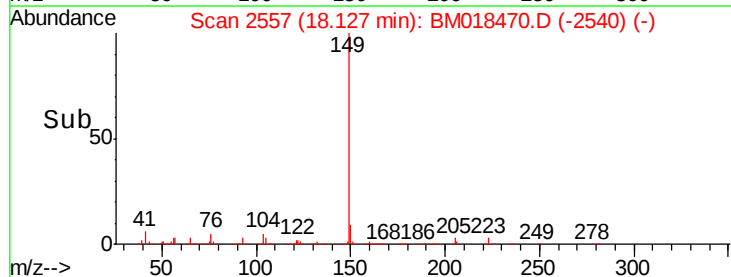
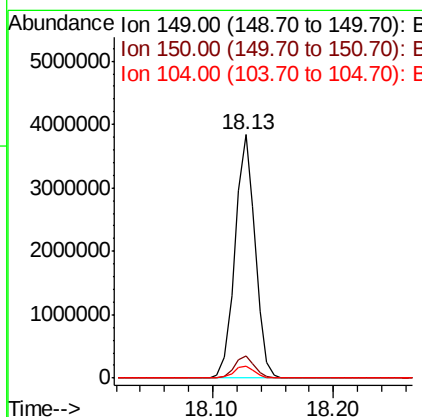
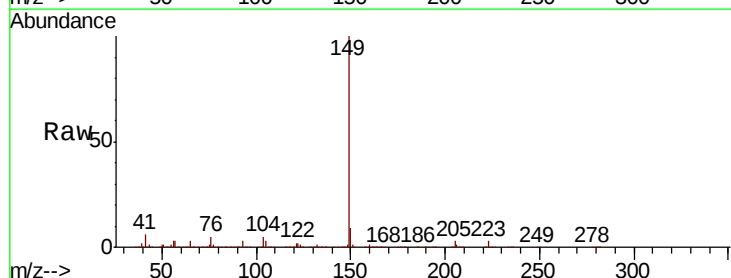
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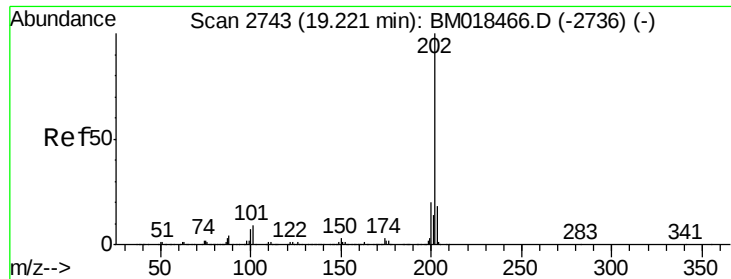
Sohil
 1/10/2019 3:11:54 PM



#74
 Di-n-butylphthalate
 Concen: 42.571 ng
 RT: 18.13 min Scan# 2557
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 40.740 ng

RT: 19.22 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

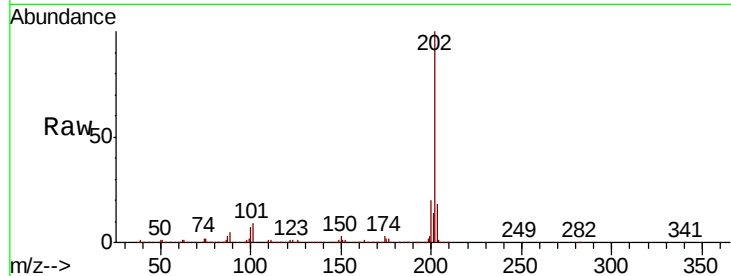
ClientSampleId :

ICVBM010919

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.9
203	17.5	0.0	37.4

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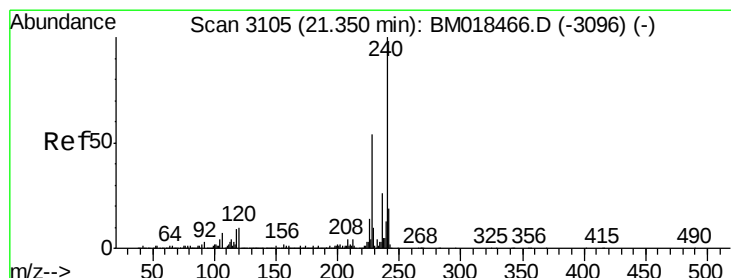
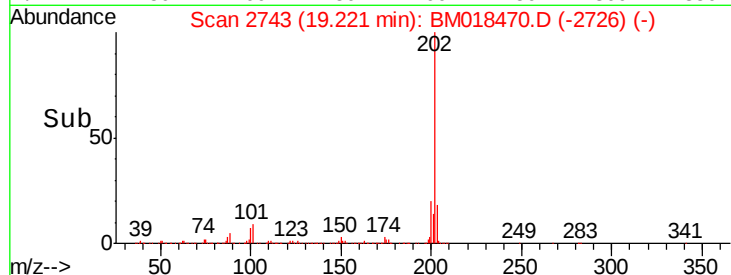
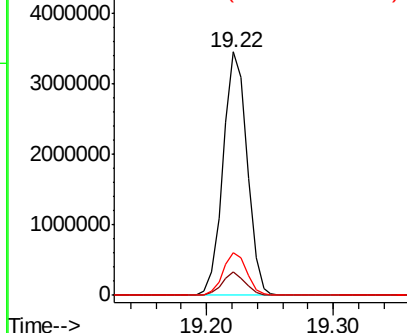


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

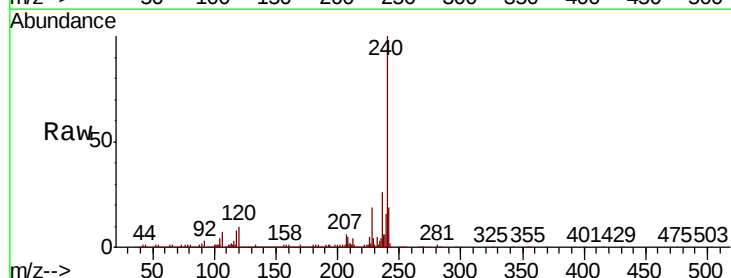
RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	25.9	20.7	31.1

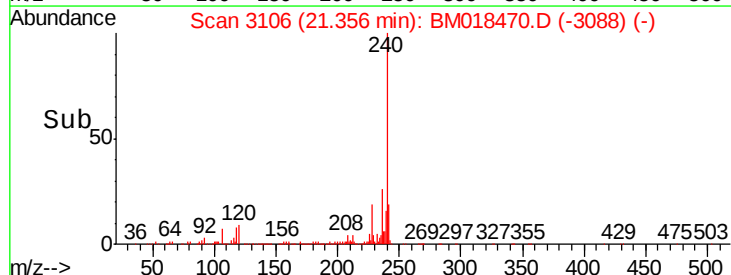
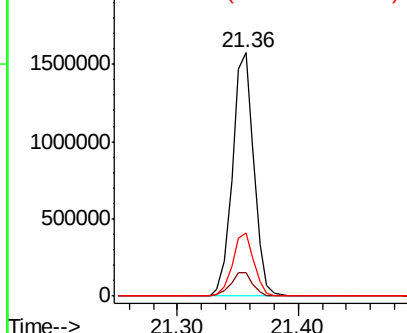


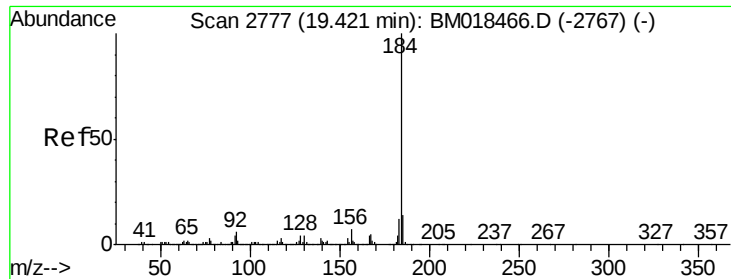
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.951 ng

RT: 19.42 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

Tot Ion:184 Resp: 1915370

Ion Ratio Lower Upper

184 100

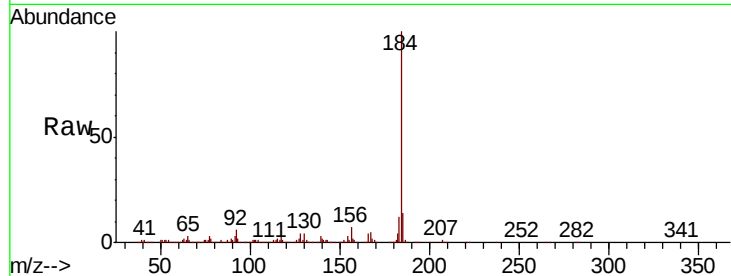
185 14.0 11.4 17.0

183 11.8 9.5 14.3

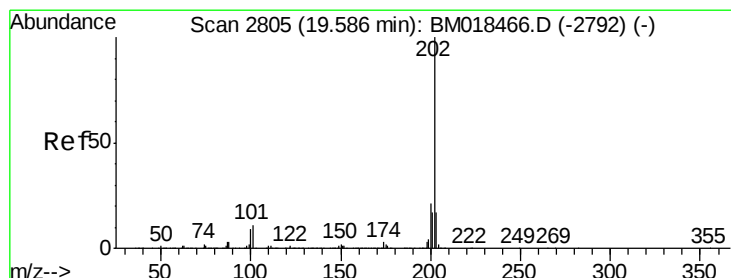
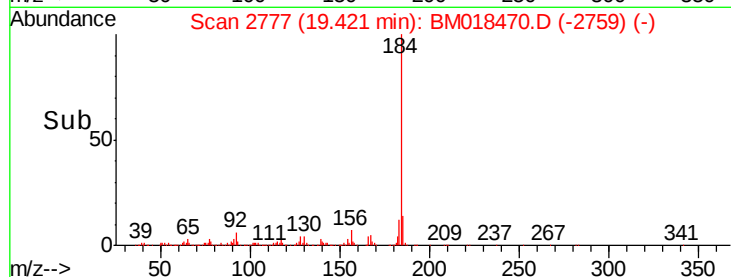
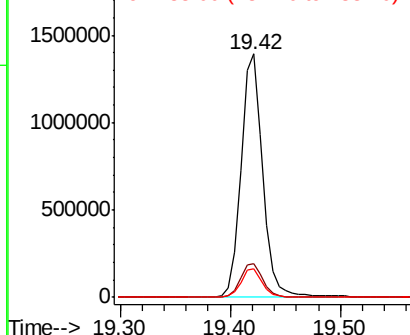
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.267 ng

RT: 19.59 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

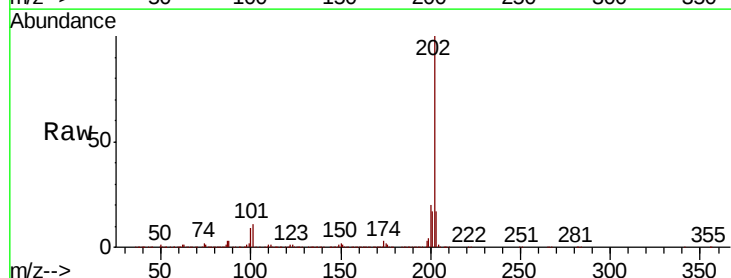
Tgt Ion:202 Resp: 4749527

Ion Ratio Lower Upper

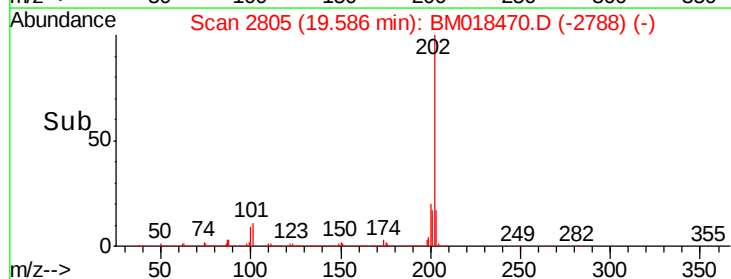
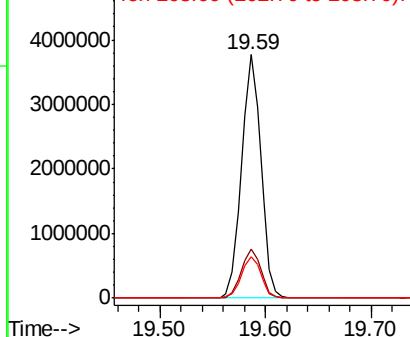
202 100

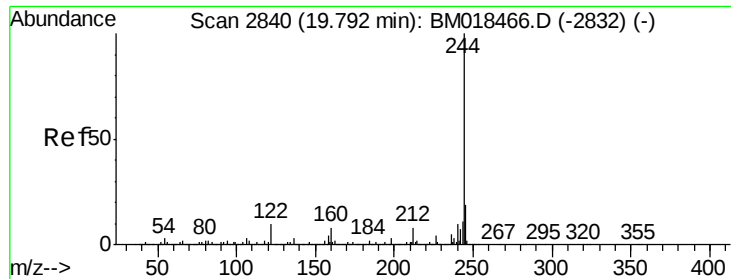
200 20.3 16.6 24.8

203 17.2 13.8 20.8



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





#79

Terphenyl-d14

Concen: 83.972 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

Tot Ion:244 Resp: 7734509

Ion Ratio Lower Upper

244 100

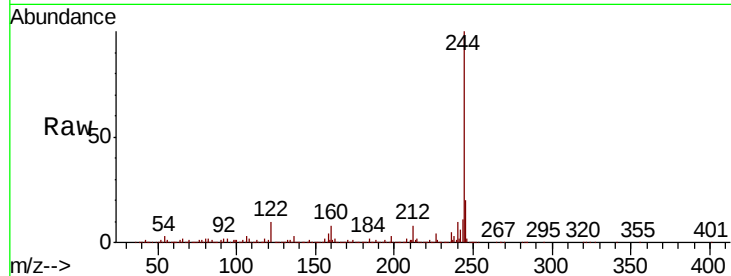
212 7.7 5.9 8.9

122 9.9 9.0 13.4

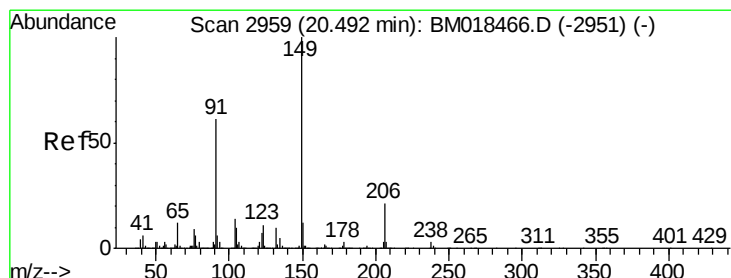
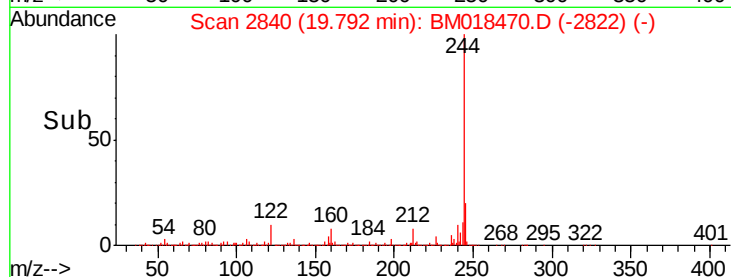
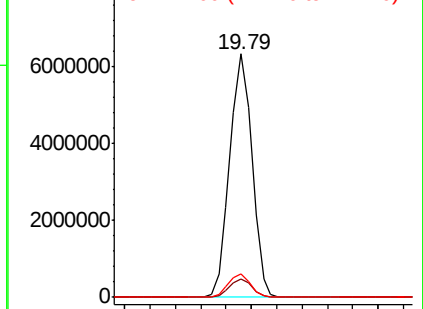
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.735 ng

RT: 20.49 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

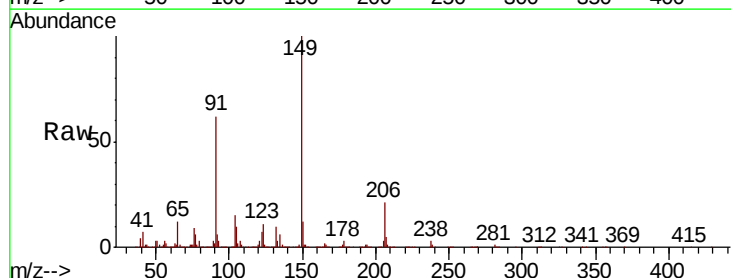
Tgt Ion:149 Resp: 2049675

Ion Ratio Lower Upper

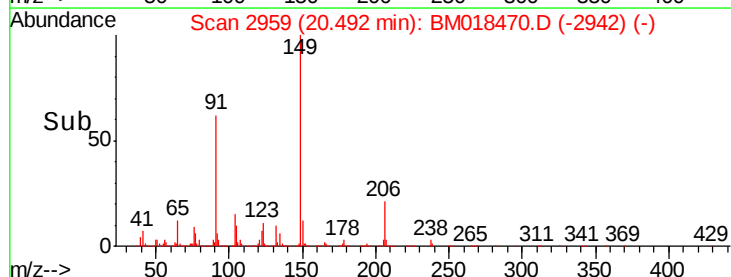
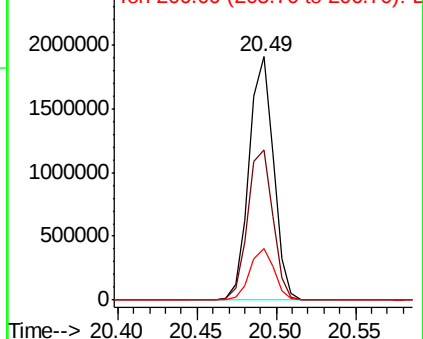
149 100

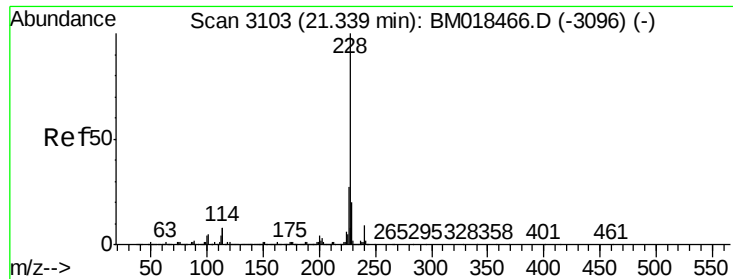
91 61.7 53.1 79.7

206 21.1 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: 40.265 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

Tot Ion:228 Resp: 4605788

Ion Ratio Lower Upper

228 100

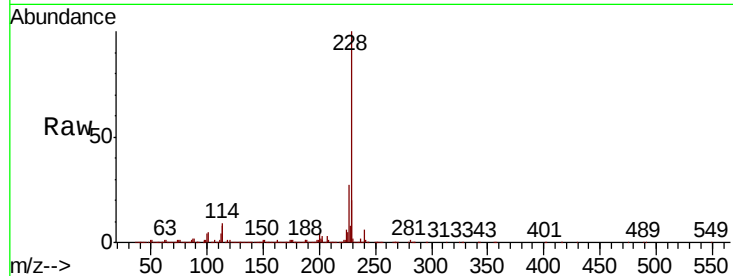
226 26.8 21.8 32.6

229 19.7 15.8 23.8

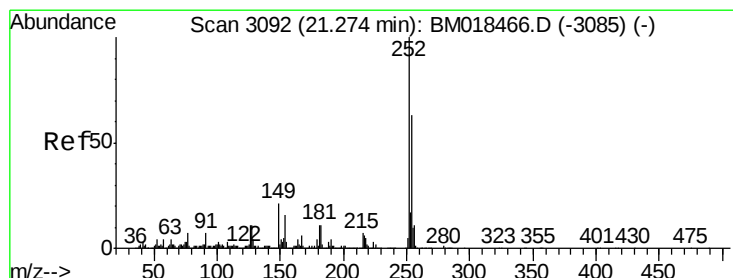
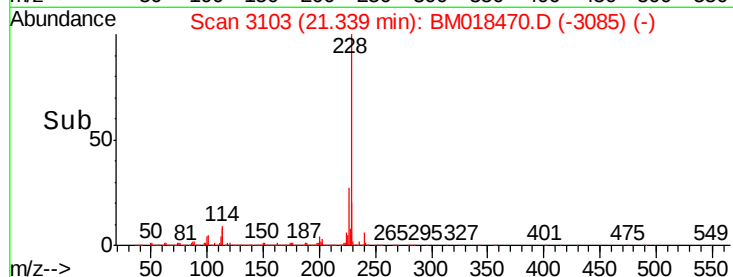
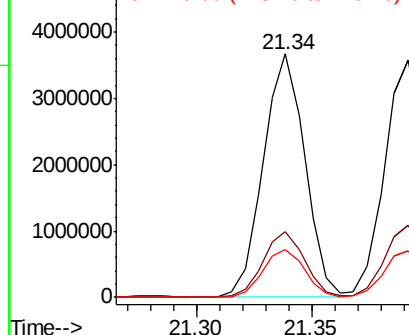
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Abundance Ion 228.00 (227.70 to 228.70): E
5000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.201 ng

RT: 21.28 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

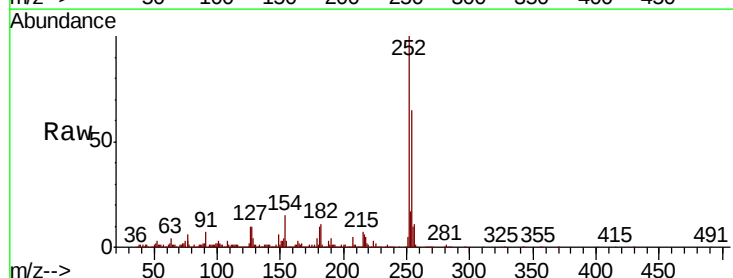
Tgt Ion:252 Resp: 1825407

Ion Ratio Lower Upper

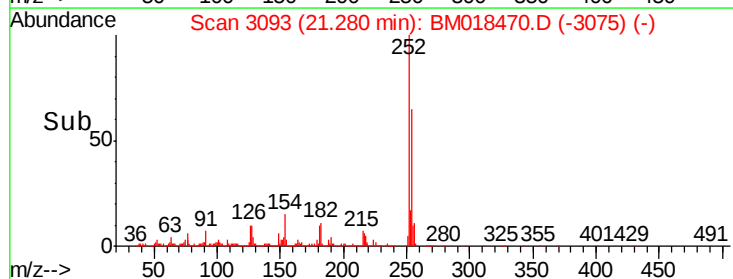
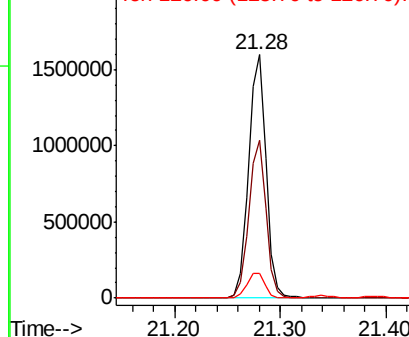
252 100

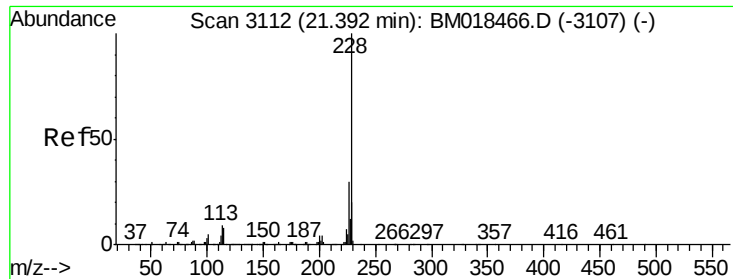
254 64.9 51.4 77.0

126 10.3 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
2000000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





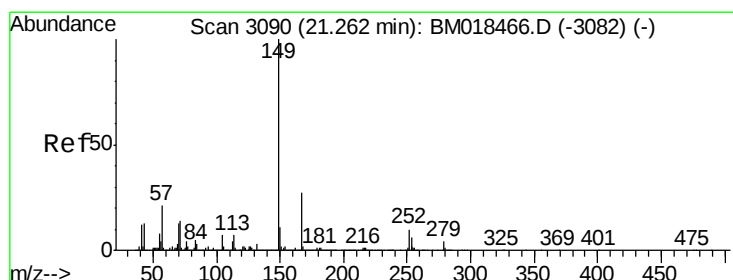
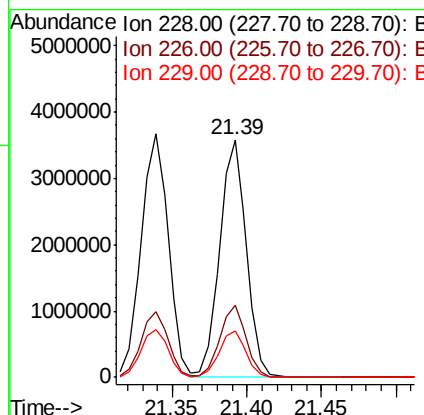
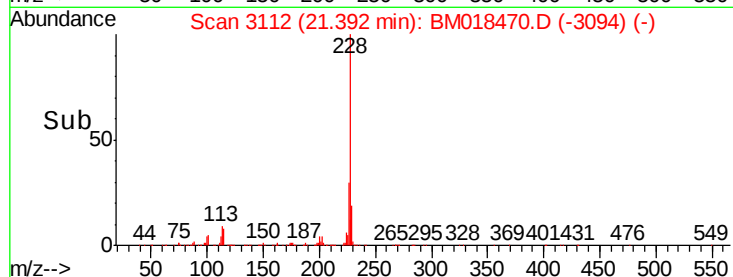
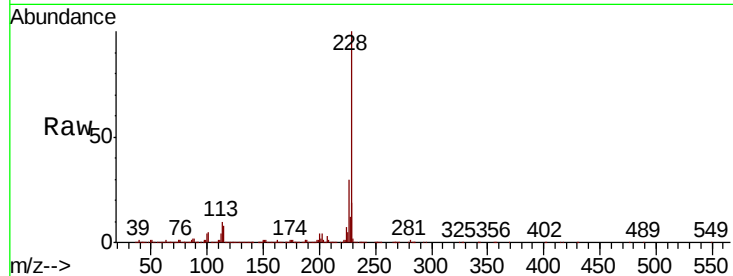
#83
 Chrysene
 Concen: 40.528 ng
 RT: 21.39 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.4	15.6	23.4

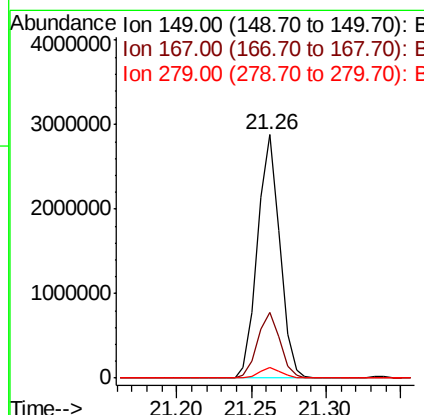
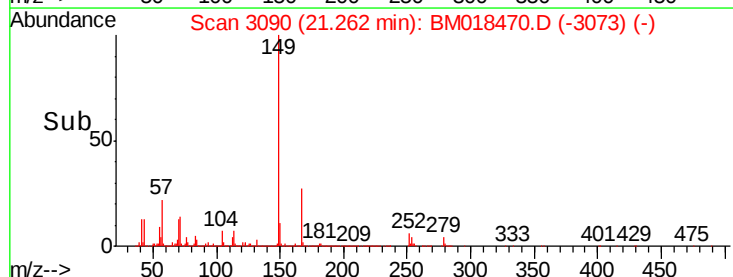
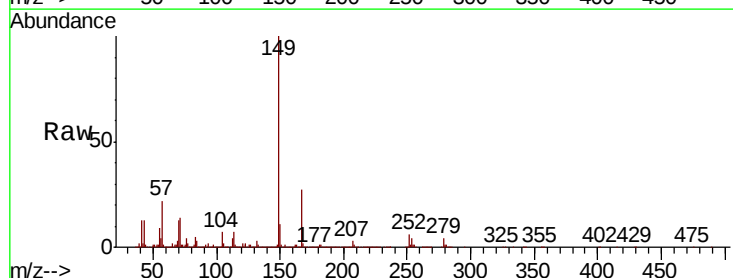
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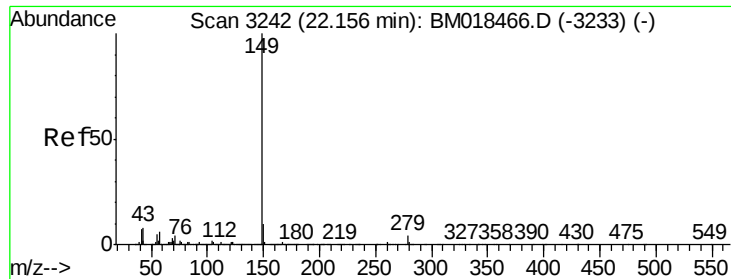
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.616 ng
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.6	32.4
279	4.3	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 41.429 ng

RT: 22.16 min Scan# 3242

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

Tot Ion:149 Resp: 4941538

Ion Ratio Lower Upper

149 100

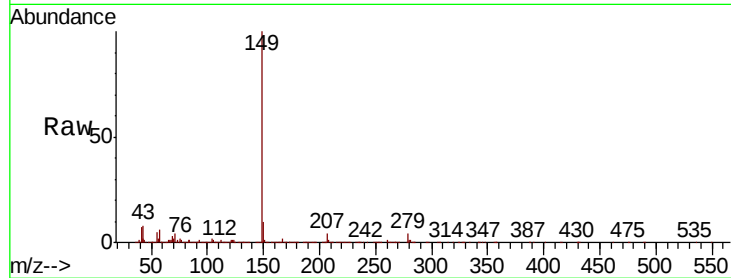
167 1.6 1.3 1.9

43 8.5 8.6 12.8#

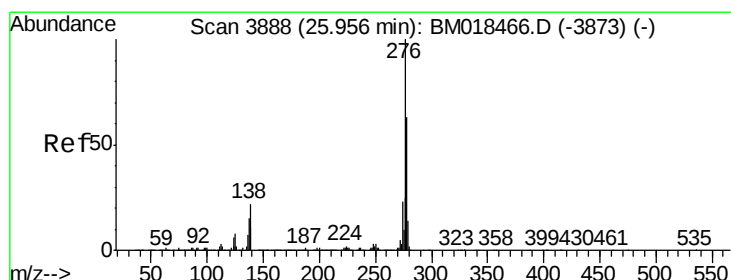
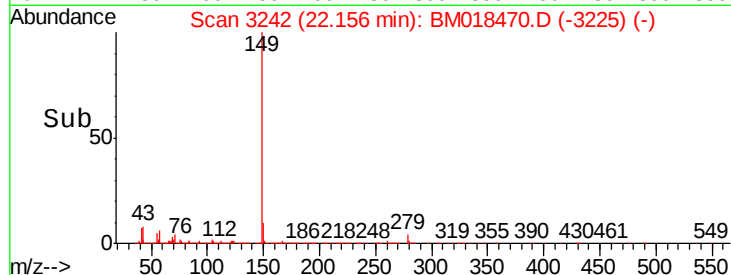
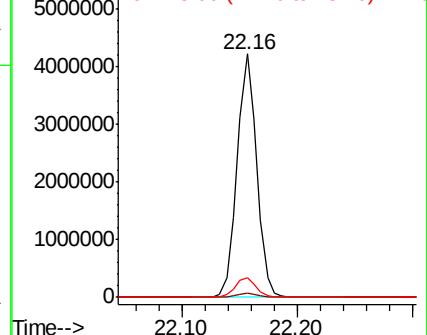
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.853 ng

RT: 25.96 min Scan# 3889

Delta R.T. 0.02 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

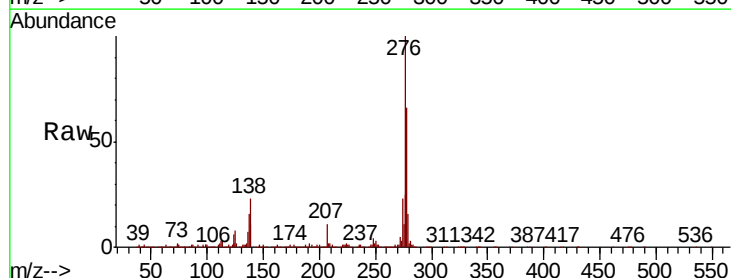
Tgt Ion:276 Resp: 5203472

Ion Ratio Lower Upper

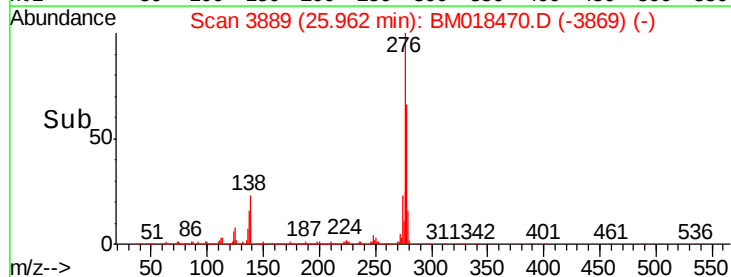
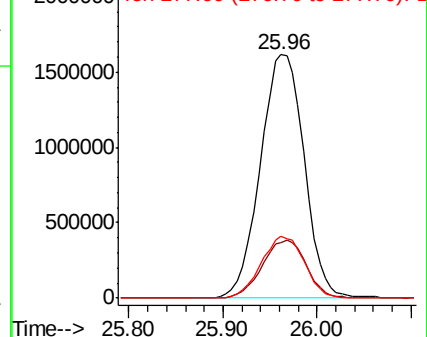
276 100

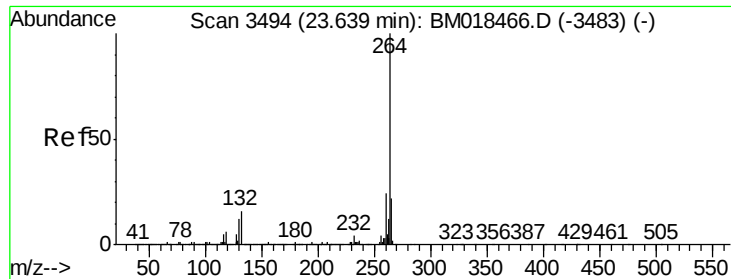
138 24.0 21.5 32.3

277 25.1 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





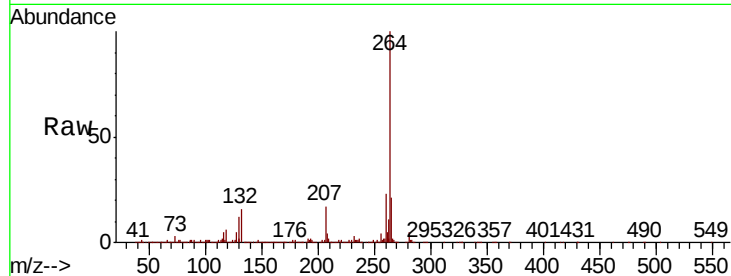
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampled :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.4	16.8	25.2

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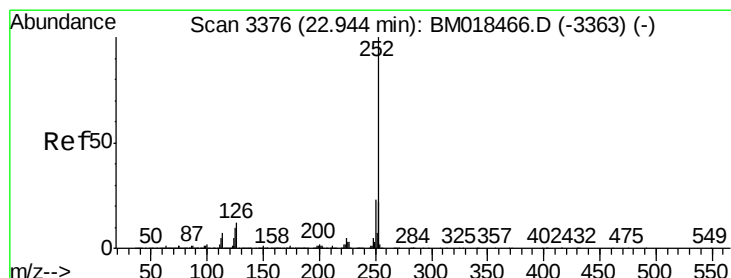
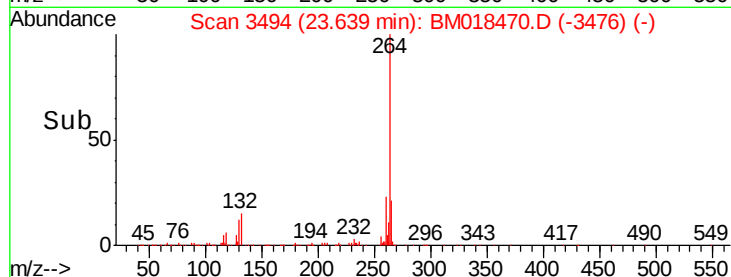
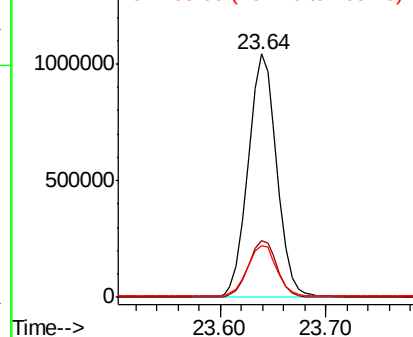


Abundance

Ion 264.00 (263.70 to 264.70): E

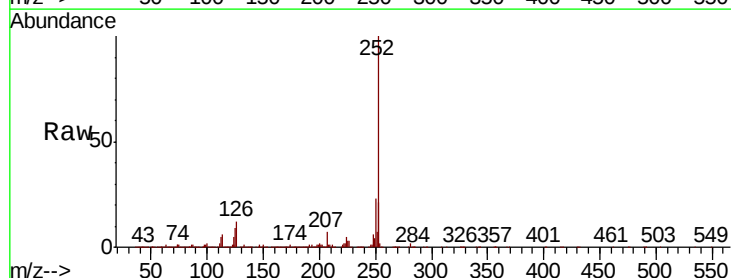
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 41.490 ng
RT: 22.95 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.1	8.5	12.7

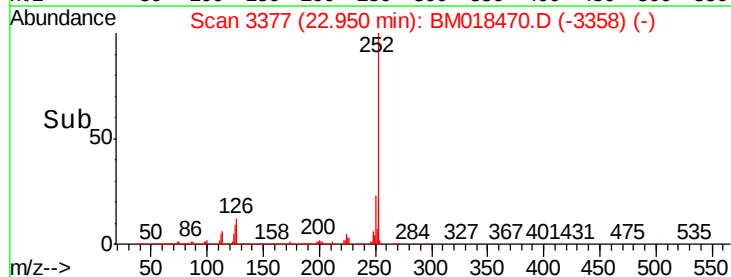
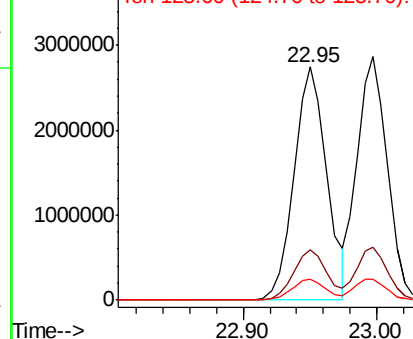


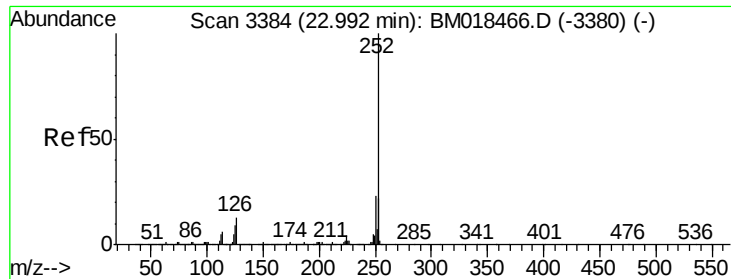
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





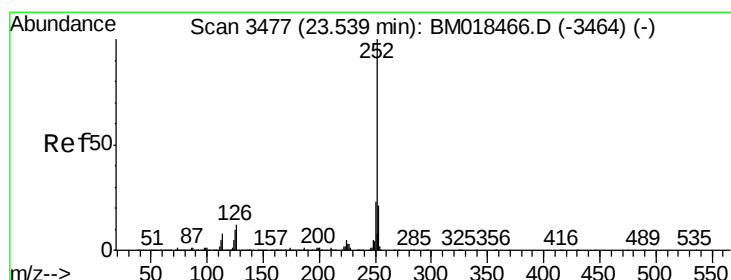
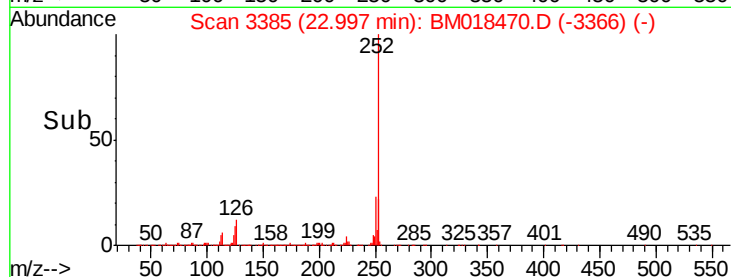
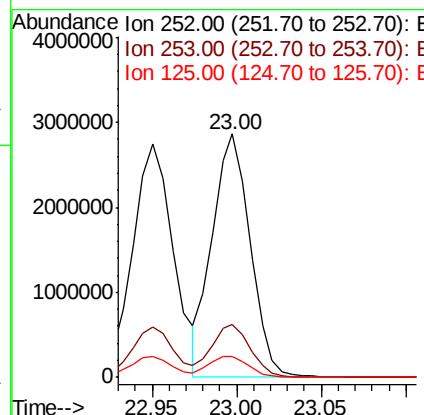
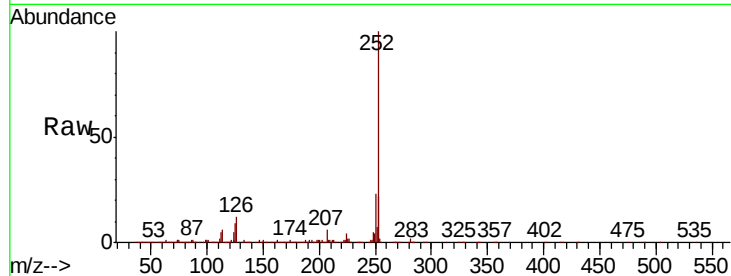
#89
Benzo(k)fluoranthene
Concen: 39.739 ng
RT: 23.00 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	8.8	8.6	12.8

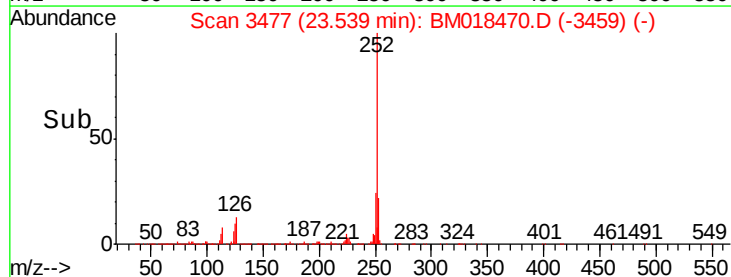
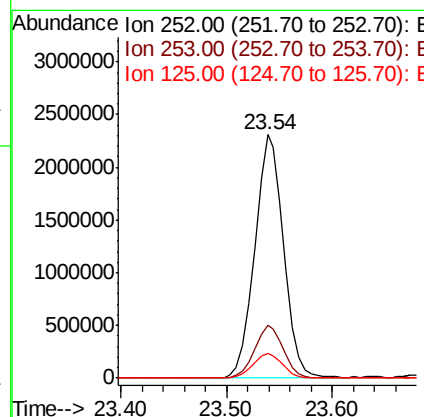
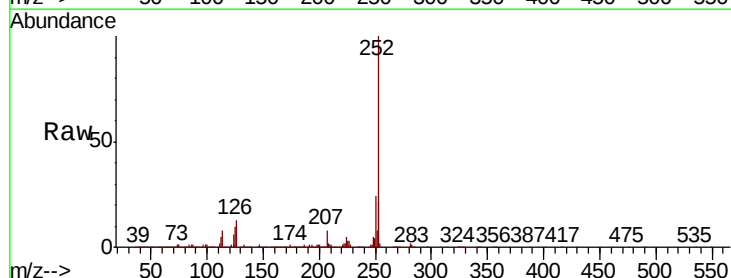
Manual Integrations
APPROVED

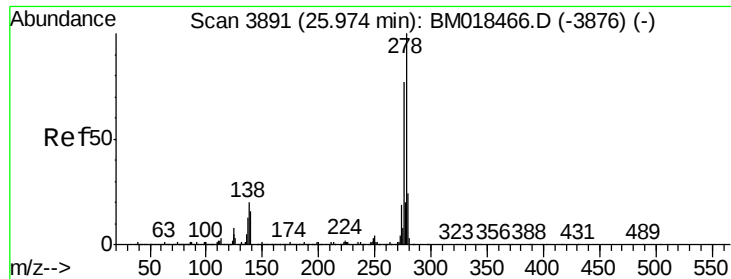
Sohil
1/10/2019 3:11:54 PM



#90
Benzo(a)pyrene
Concen: 40.794 ng
RT: 23.54 min Scan# 3477
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.1	9.7	14.5





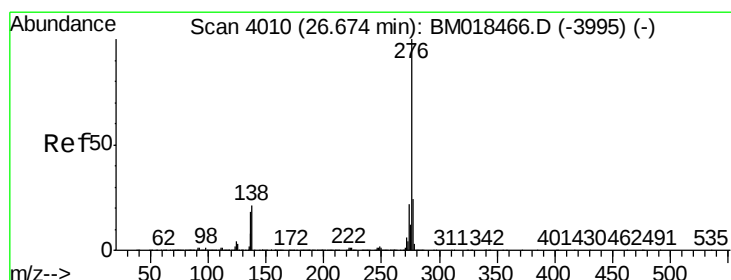
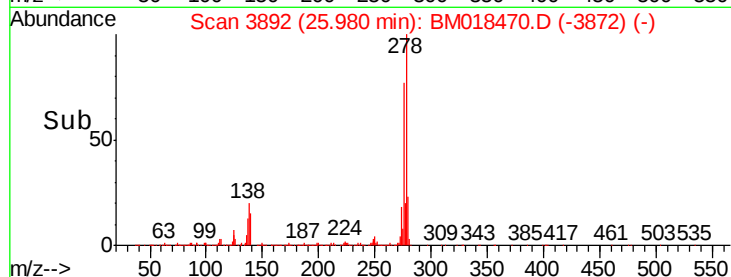
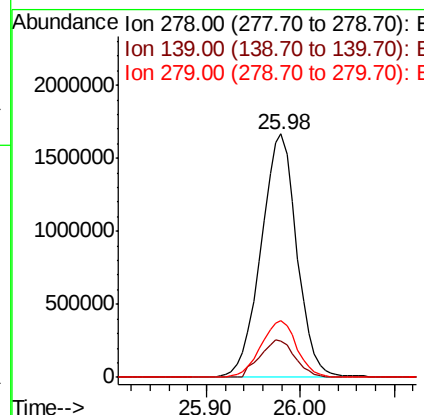
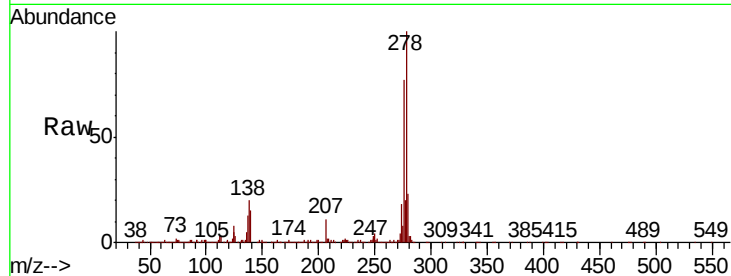
#91
Dibenzo(a,h)anthracene
Concen: 40.438 ng
RT: 25.98 min Scan# 3892
Delta R.T. 0.02 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion:278 Resp: 4384324
Ion Ratio Lower Upper
278 100
139 15.1 13.2 19.8
279 23.3 19.0 28.4

Manual Integrations
APPROVED

Sohil
1/10/2019 3:11:54 PM



#92
Benzo(g,h,i)perylene
Concen: 40.525 ng
RT: 26.68 min Scan# 4011
Delta R.T. 0.02 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion:276 Resp: 4275696
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 20.8 18.1 27.1

