

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018560.D
 Acq On : 14 Jan 2019 20:23
 Operator : JU/SJ
 Sample : PB116317BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BS

Manual Integrations
 APPROVED

Sohil
 1/15/2019 12:20:11 PM

Quant Time: Jan 14 23:53:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	258839	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	1139467	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	711466	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1702816	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1890185	20.00	ng	0.00
87) Perylene-d12	23.63	264	1986220	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1757804	125.40	ng	0.00
7) Phenol-d6	6.93	99	2350730	132.03	ng	0.00
23) Nitrobenzene-d5	8.92	82	1372443	69.82	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1097838	121.19	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3735483	68.51	ng	0.00
79) Terphenyl-d14	19.79	244	6228057	69.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	142601	24.959	ng	97
3) Pyridine	3.68	79	422339	29.650	ng	96
4) n-Nitrosodimethylamine	3.60	42	236747	40.194	ng	# 95
6) Aniline	7.09	93	292726	14.739	ng	100
8) 2-Chlorophenol	7.32	128	681737	41.641	ng	95
9) Benzaldehyde	6.90	77	189833	15.712	ng	99
10) Phenol	6.96	94	773316	42.743	ng	98
11) bis(2-Chloroethyl)ether	7.19	93	514274	36.176	ng	97
12) 1,3-Dichlorobenzene	7.64	146	658521	33.775	ng	98
13) 1,4-Dichlorobenzene	7.79	146	679689	34.395	ng	100
14) 1,2-Dichlorobenzene	8.10	146	661125	35.282	ng	99
15) Benzyl Alcohol	8.00	79	555190	43.174	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	645696	35.542	ng	94
17) 2-Methylphenol	8.20	107	554021	45.113	ng	98
18) Hexachloroethane	8.82	117	239820	34.036	ng	94
19) n-Nitroso-di-n-propylamine	8.56	70	445676	38.465	ng	92
20) 3+4-Methylphenols	8.53	107	752978	44.415	ng	97
22) Acetophenone	8.58	105	898447	31.874	ng	# 98
24) Nitrobenzene	8.96	77	665507	34.411	ng	96
25) Isophorone	9.48	82	1220452	41.004	ng	97
26) 2-Nitrophenol	9.67	139	369273	39.488	ng	95
27) 2,4-Dimethylphenol	9.72	122	626681	44.709	ng	98
28) bis(2-Chloroethoxy)methane	9.96	93	754228	36.681	ng	99
29) 2,4-Dichlorophenol	10.20	162	692022	41.461	ng	97
30) 1,2,4-Trichlorobenzene	10.40	180	675459	32.604	ng	97
31) Naphthalene	10.60	128	2005309	36.542	ng	100
32) Benzoic acid	9.87	122	431187m	46.002	ng	
33) 4-Chloroaniline	10.72	127	189995	8.791	ng	98
34) Hexachlorobutadiene	10.86	225	403484	30.829	ng	99
35) Caprolactam	11.52	113	222456m	39.201	ng	
36) 4-Chloro-3-methylphenol	11.85	107	736127	42.039	ng	99
37) 2-Methylnaphthalene	12.21	142	1538360	39.677	ng	100
38) 1-Methylnaphthalene	12.43	142	1463006	38.997	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	800838	32.188	ng	99

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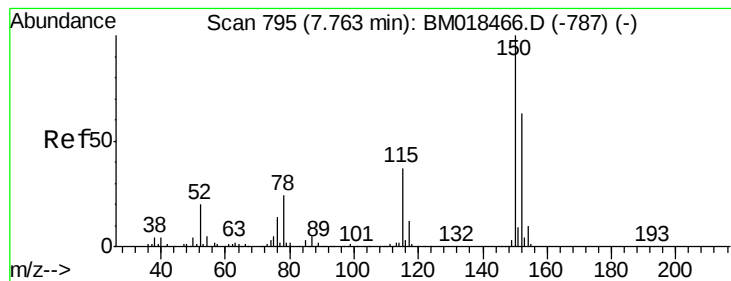
Manual Integrations
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 1/15/2019 12:20:11 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	956722	70.066	nq	99
43) 2,4,6-Trichlorophenol	12.83	196	580695	38.435	nq	99
44) 2,4,5-Trichlorophenol	12.90	196	632229	39.789	nq	98
46) 1,1'-Biphenyl	13.23	154	2010995	32.372	nq	99
47) 2-Chloronaphthalene	13.27	162	1566760	32.524	nq	99
48) 2-Nitroaniline	13.49	65	446547	37.678	nq	92
49) Acenaphthylene	14.12	152	2616206	37.266	nq	99
50) Dimethylphthalate	13.87	163	2093832	35.834	nq	100
51) 2,6-Dinitrotoluene	13.99	165	469974	37.972	nq	92
52) Acenaphthene	14.47	154	1500966	34.943	nq	98
53) 3-Nitroaniline	14.32	138	167410	13.416	nq	99
54) 2,4-Dinitrophenol	14.53	184	530338	79.228	nq	92
55) Dibenzofuran	14.80	168	2462519	34.697	nq	99
56) 4-Nitrophenol	14.65	139	866806	80.411	nq	95
57) 2,4-Dinitrotoluene	14.78	165	674130	38.495	nq	97
58) Fluorene	15.45	166	2019446	38.197	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	577833	41.027	nq	98
60) Diethylphthalate	15.23	149	2180621	36.968	nq	99
61) 4-Chlorophenyl-phenylether	15.45	204	1025503	33.654	nq	98
62) 4-Nitroaniline	15.49	138	455366	33.457	nq	99
63) Azobenzene	15.74	77	1701593	35.382	nq	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	368281	35.512	nq	87
66) n-Nitrosodiphenylamine	15.67	169	1817246	34.404	nq	99
67) 4-Bromophenyl-phenylether	16.34	248	640006	33.586	nq	97
68) Hexachlorobenzene	16.45	284	706258	33.107	nq	97
69) Atrazine	16.62	200	694893	36.390	nq	99
70) Pentachlorophenol	16.80	266	922629	66.039	nq	97
71) Phenanthrene	17.20	178	3297977	36.413	nq	100
72) Anthracene	17.29	178	3371647	38.712	nq	100
73) Carbazole	17.56	167	3122206	34.892	nq	100
74) Di-n-butylphthalate	18.12	149	3823430	39.009	nq	99
75) Fluoranthene	19.22	202	4041150	38.700	nq	98
77) Benzidine	19.41	184	1193233	25.567	nq	99
78) Pyrene	19.58	202	4131467	36.875	nq	100
80) Butylbenzylphthalate	20.48	149	1857911	38.861	nq	97
81) Benzo(a)anthracene	21.33	228	4174057	37.485	nq	100
82) 3,3'-Dichlorobenzidine	21.27	252	722137	17.150	nq	98
83) Chrysene	21.38	228	3937529	36.618	nq	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2653831	38.441	nq	99
85) Di-n-octyl phthalate	22.14	149	4707897	40.546	nq	# 94
86) Indeno(1,2,3-cd)pyrene	25.95	276	4883491	39.385	nq	97
88) Benzo(b)fluoranthene	22.94	252	4312306	38.243	nq	99
89) Benzo(k)fluoranthene	22.99	252	4124329	36.293	nq	98
90) Benzo(a)pyrene	23.53	252	4160761	38.542	nq	# 97
91) Dibenzo(a,h)anthracene	25.96	278	4103887	37.518	nq	99
92) Benzo(g,h,i)perylene	26.66	276	3964920	37.249	nq	97

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



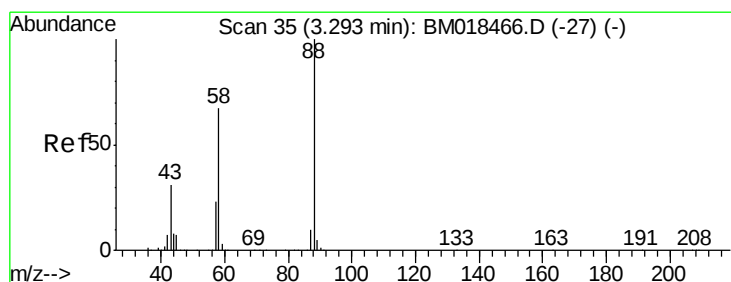
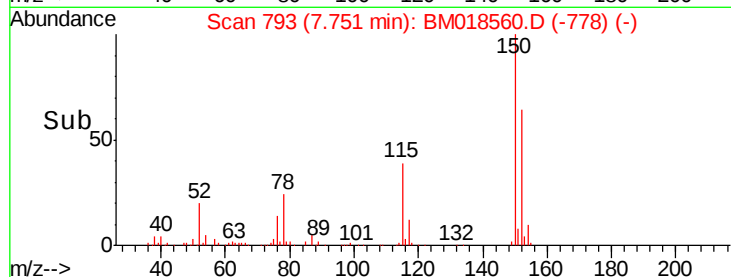
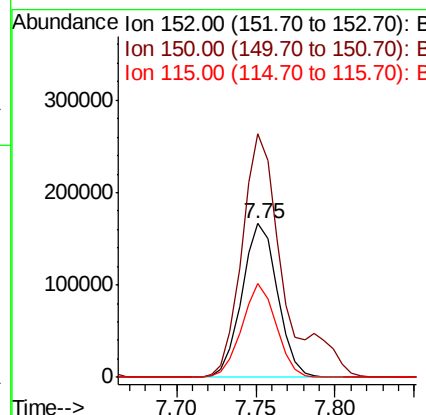
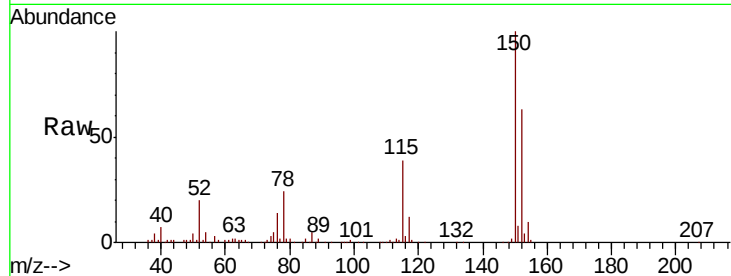
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.9	190.3
115	61.2	45.5	68.3

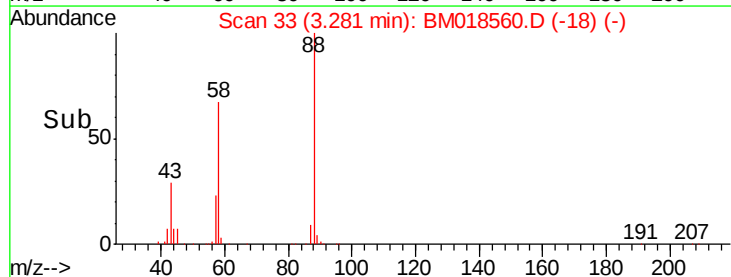
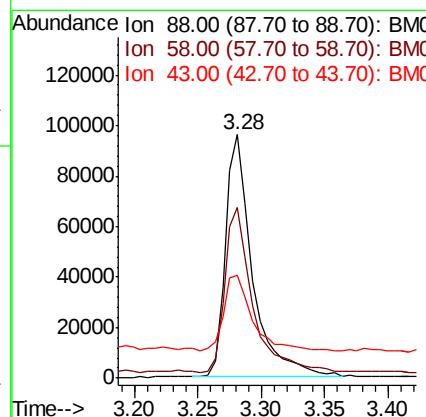
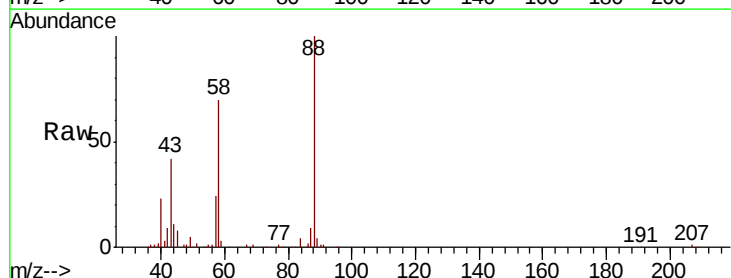
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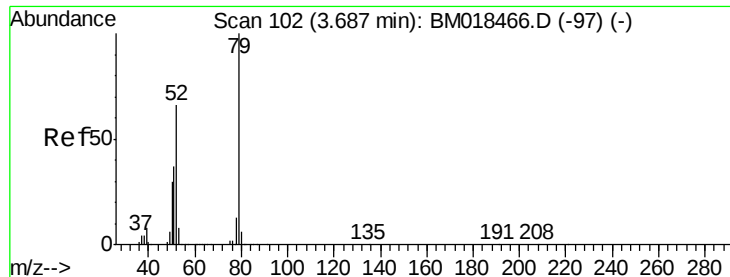
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#2
 1,4-Dioxane
 Concen: 24.959 ng
 RT: 3.28 min Scan# 33
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	58.4	87.6
43	33.3	26.2	39.4





#3

Pvridine

Concen: 29.650 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

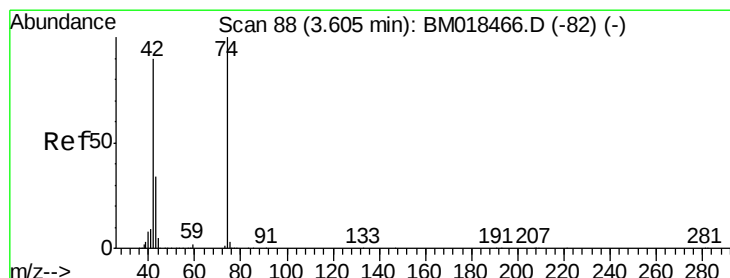
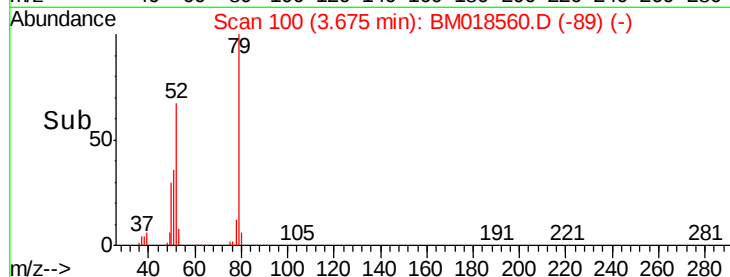
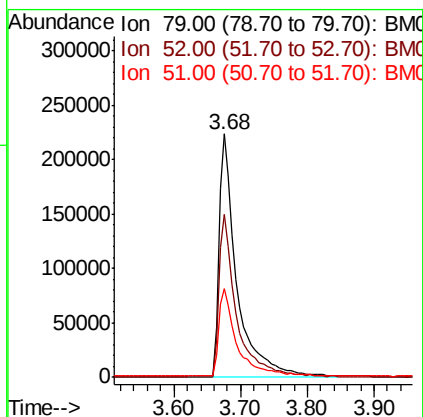
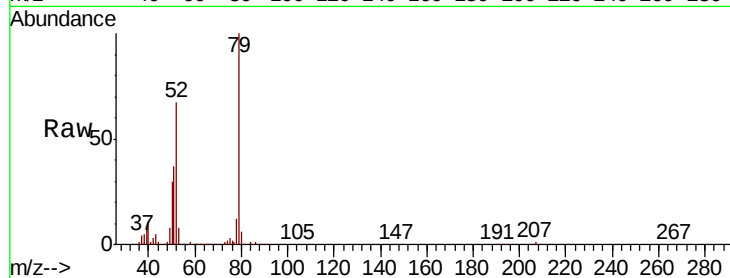
ClientSampleId :

PB116317BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.8	56.4	84.6
51	36.6	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 40.194 ng

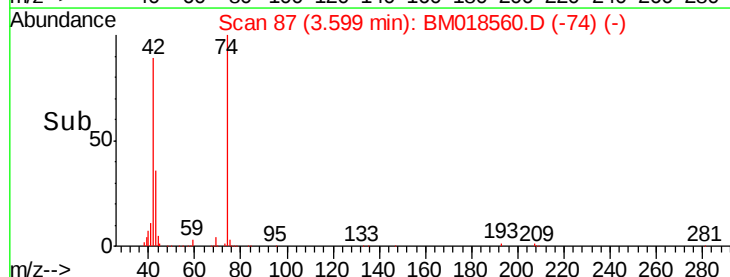
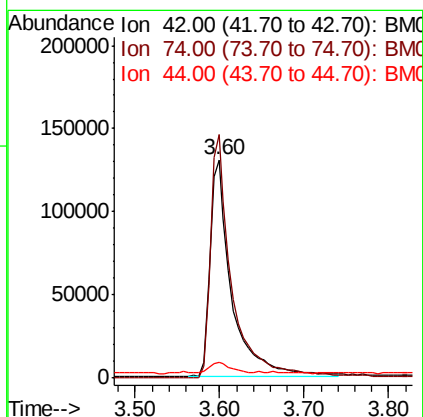
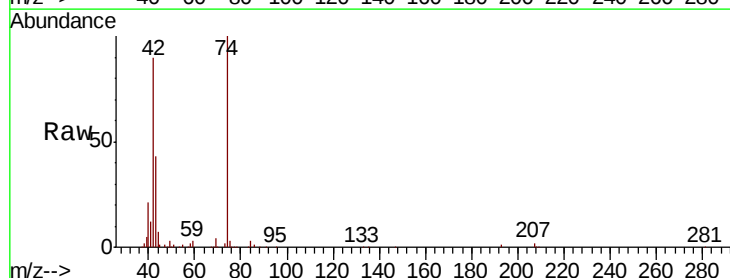
RT: 3.60 min Scan# 87

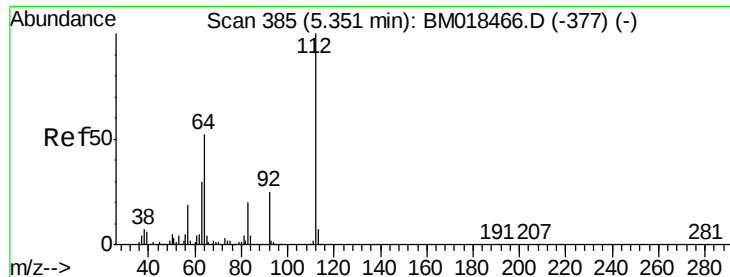
Delta R.T. -0.02 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.5	88.6	132.8
44	7.5	16.9	25.3





#5

2-Fluorophenol

Concen: 125.397 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:112 Resp: 1757804

Ion Ratio Lower Upper

112 100

64 54.7 46.5 69.7

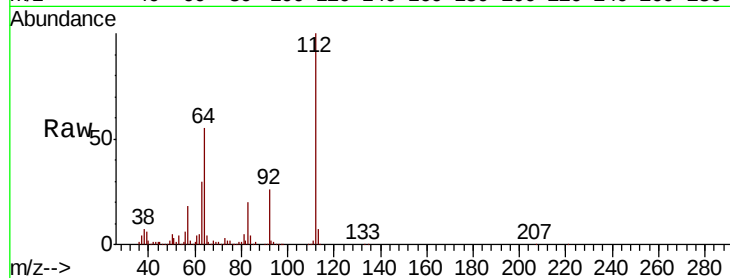
63 29.5 25.2 37.8

Manual Integrations

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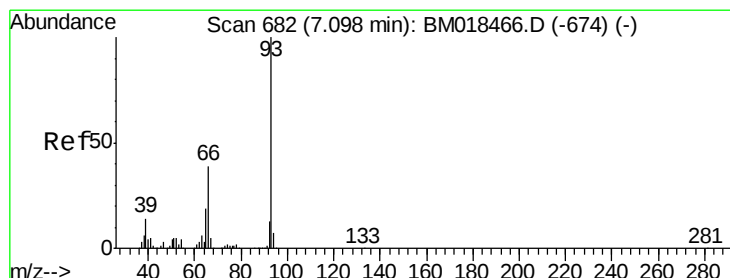
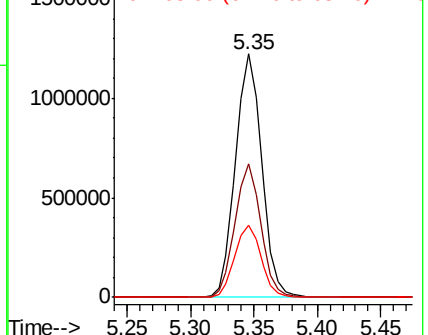
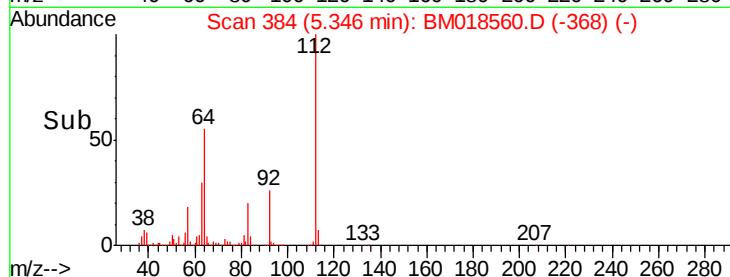
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 14.739 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

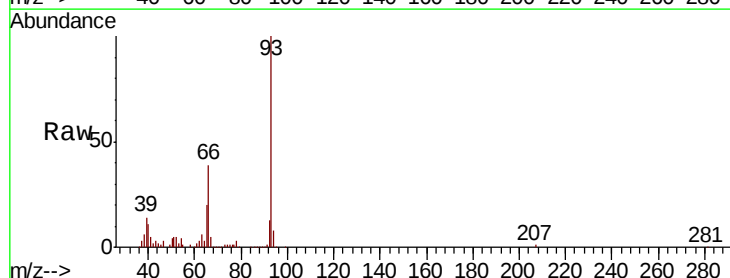
Tgt Ion: 93 Resp: 292726

Ion Ratio Lower Upper

93 100

66 39.4 31.7 47.5

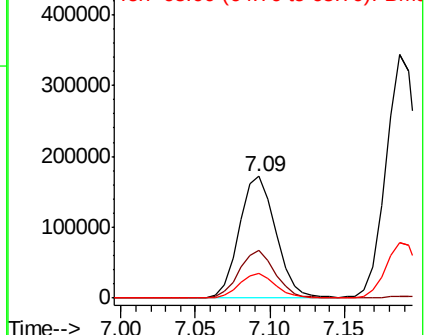
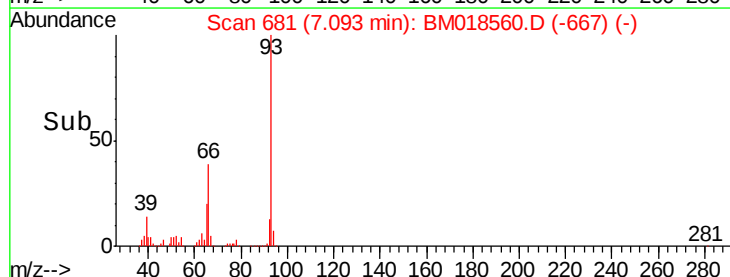
65 20.1 15.9 23.9

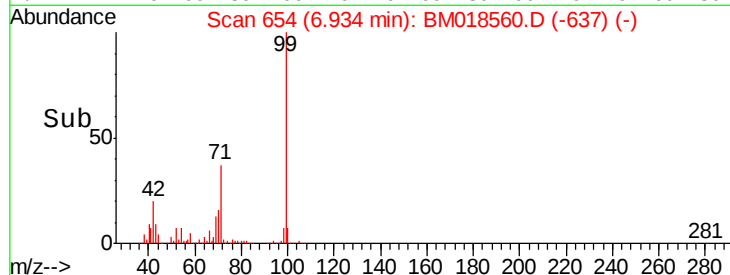
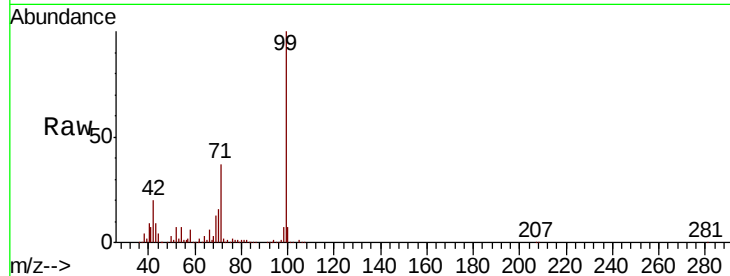
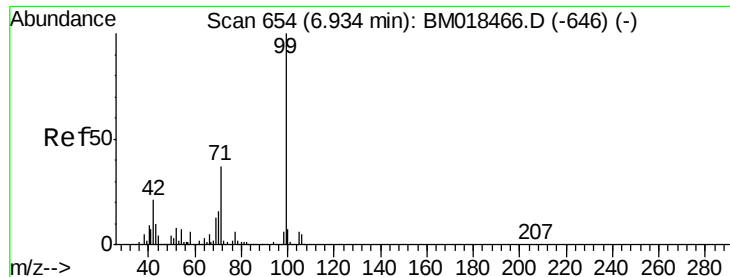


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 132.031 ng

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	20.0	17.3	25.9	
71	36.7	28.0	42.0	

Instrument :

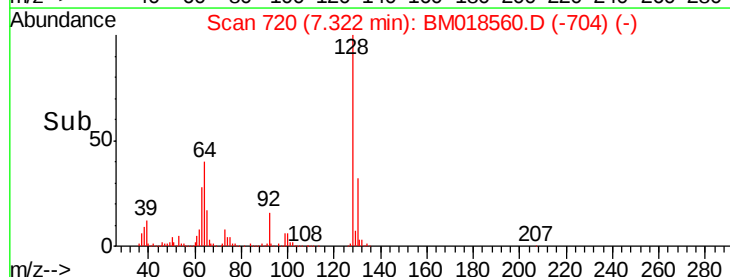
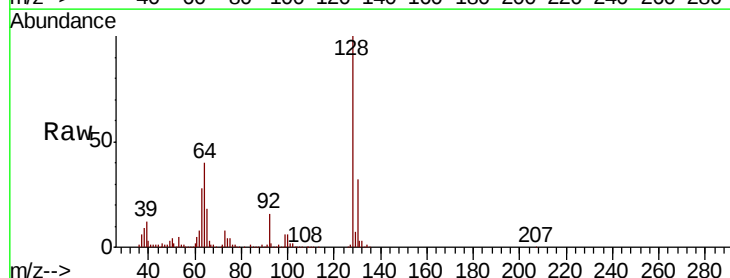
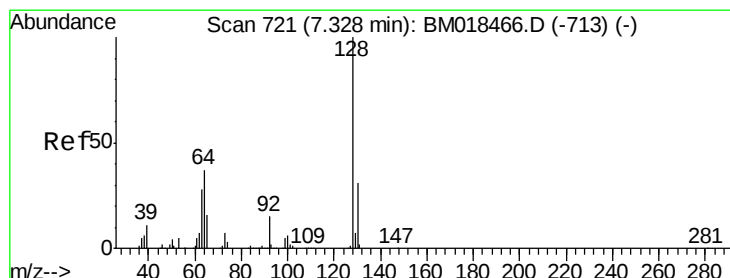
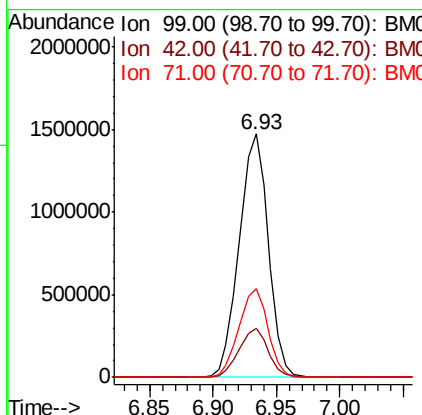
BNA_M

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#8

2-Chlorophenol

Concen: 41.641 ng

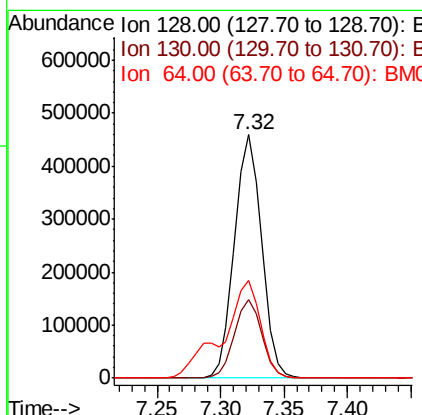
RT: 7.32 min Scan# 720

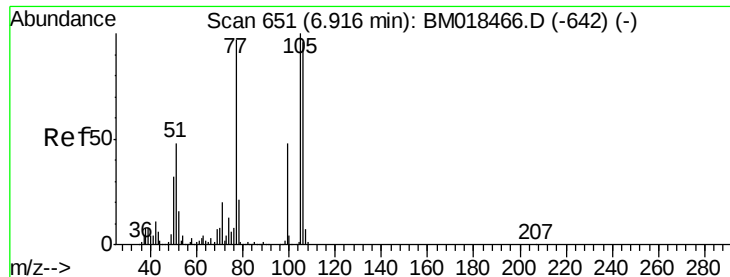
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
130	32.5	13.6	53.6	
64	40.3	24.8	64.8	





#9

Benzaldehyde

Concen: 15.712 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

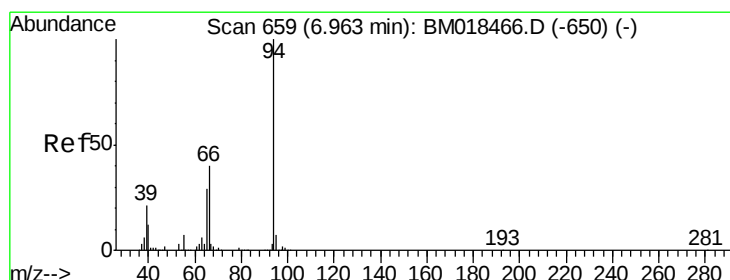
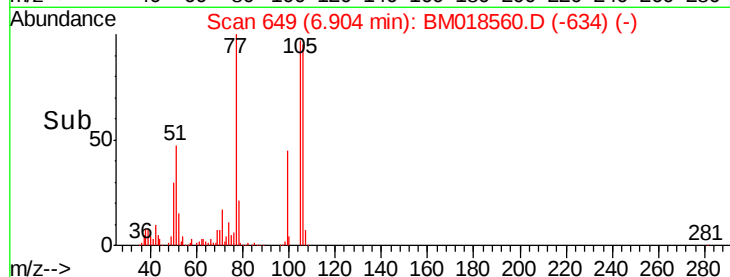
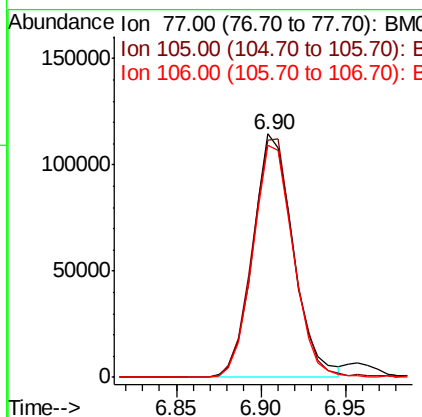
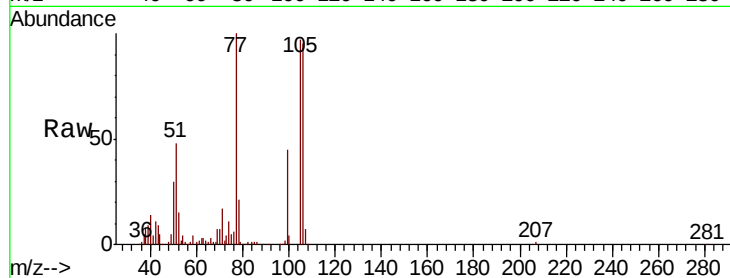
ClientSampleId :

PB116317BS

Tot Ion:	77	Resp:	189833
Ion	Ratio	Lower	Upper
77	100		
105	97.4	79.7	119.7
106	95.2	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 42.743 ng

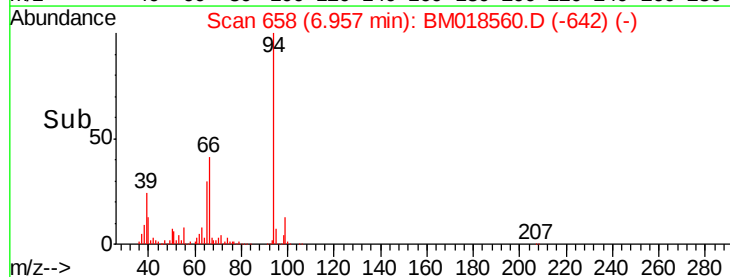
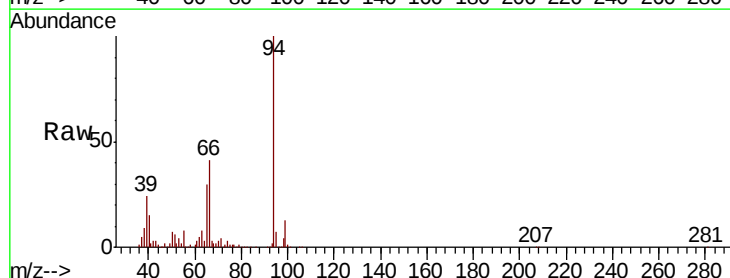
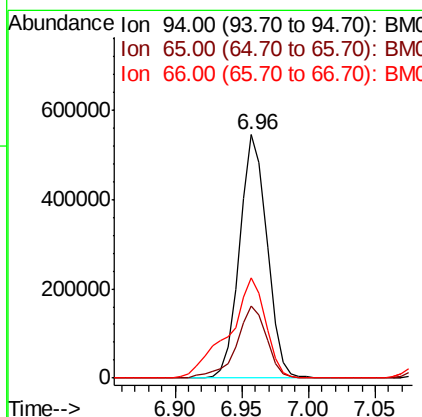
RT: 6.96 min Scan# 658

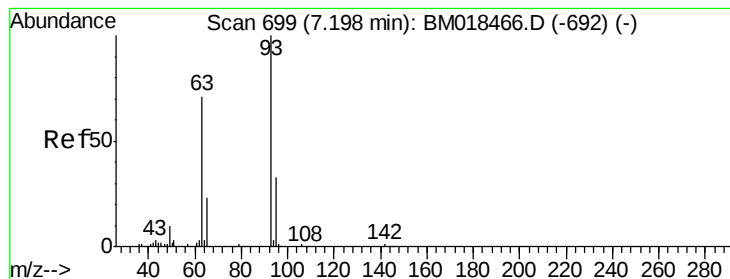
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:	94	Resp:	773316
Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.4	49.4
66	41.1	19.1	59.1





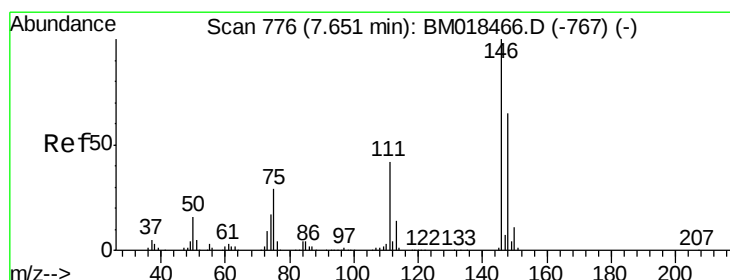
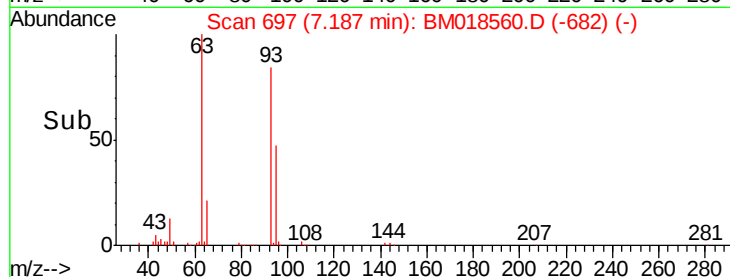
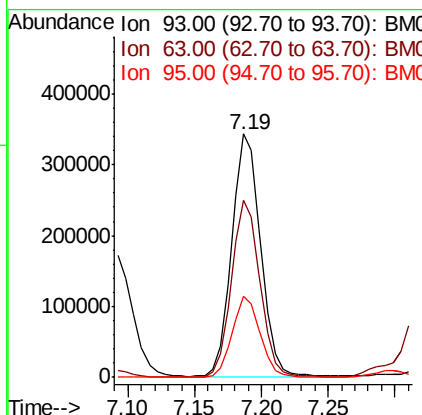
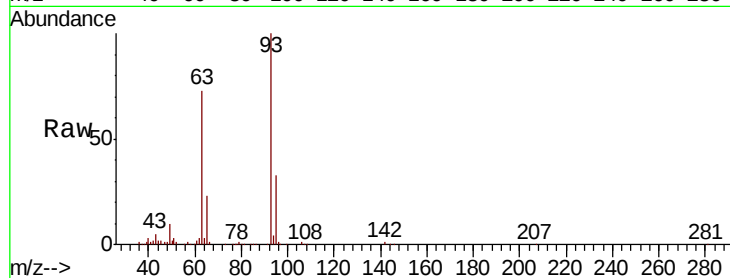
#11
bis(2-Chloroethyl)ether
Concen: 36.176 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	56.4	96.4
95	33.4	12.7	52.7

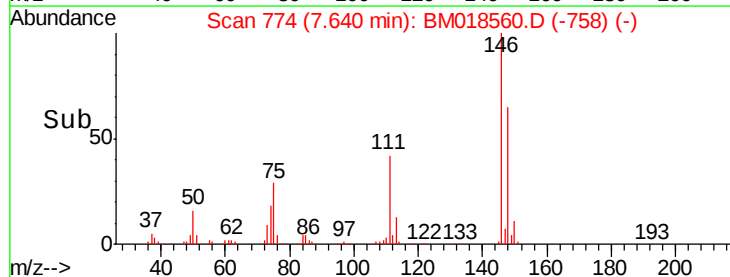
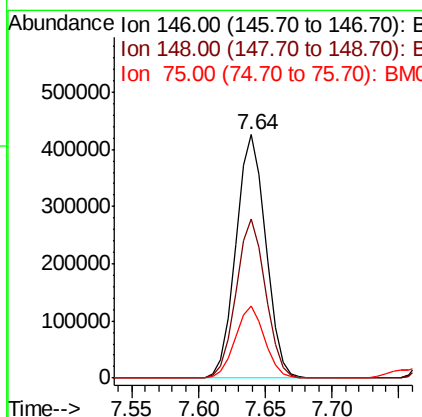
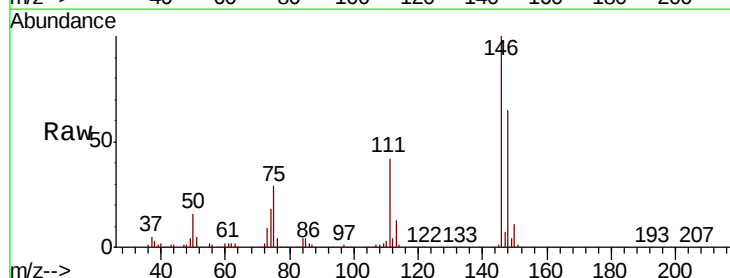
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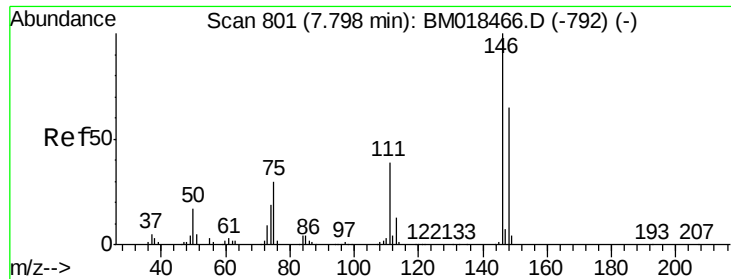
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.775 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.5	75.7
75	29.4	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 34.395 ng

RT: 7.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

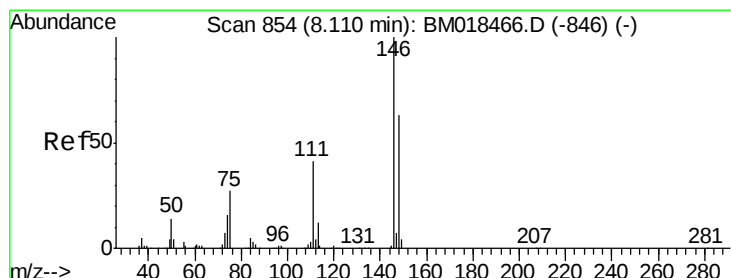
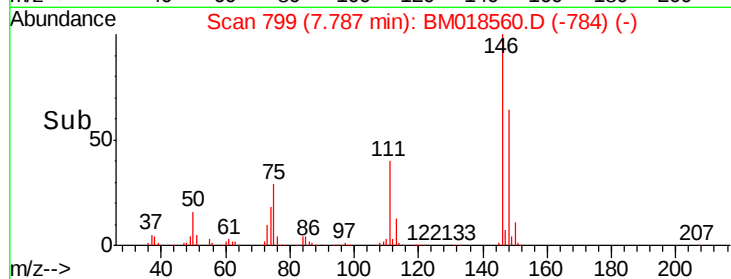
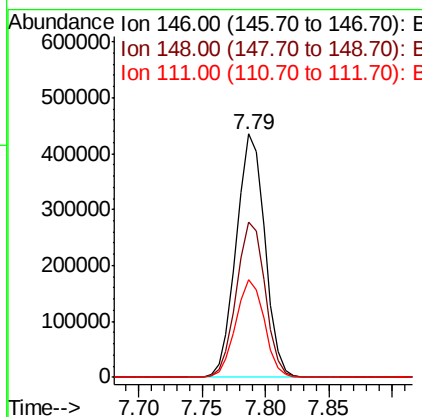
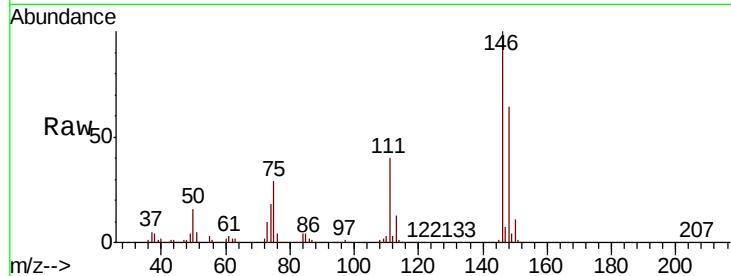
ClientSampled :

PB116317BS

Tot Ion:	146	Resp:	679689
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	40.2	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 35.282 ng

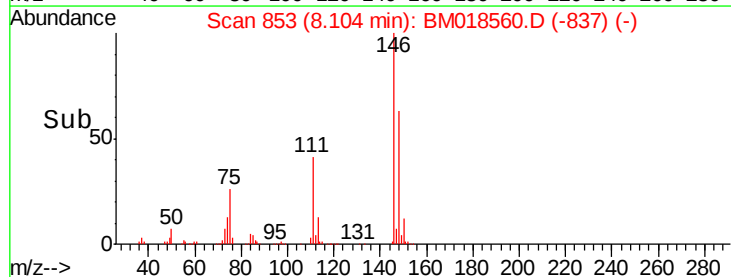
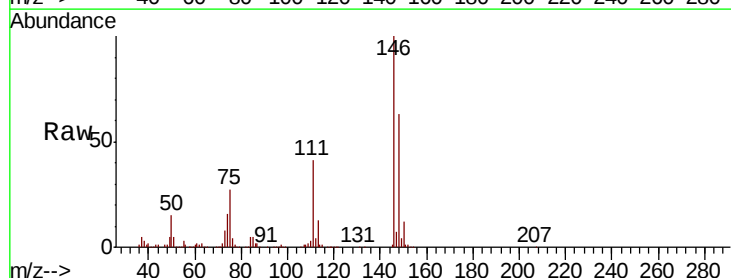
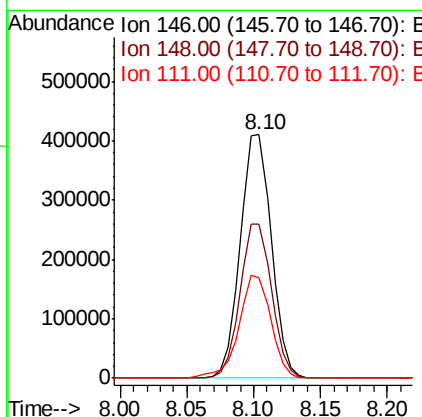
RT: 8.10 min Scan# 853

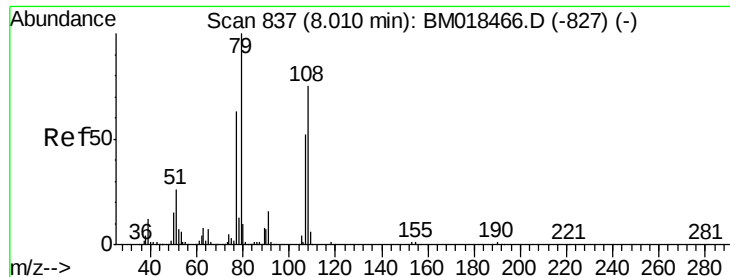
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:	146	Resp:	661125
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.0	76.6
111	41.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.174 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

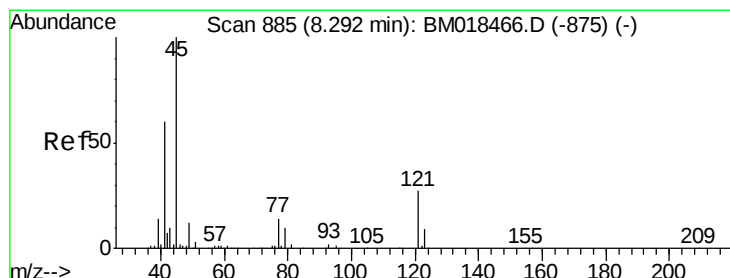
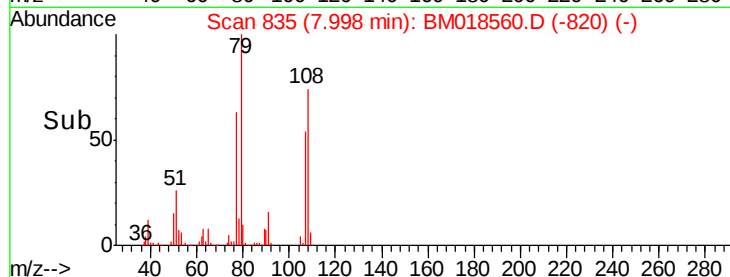
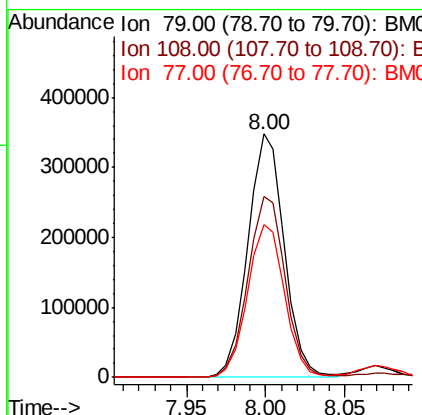
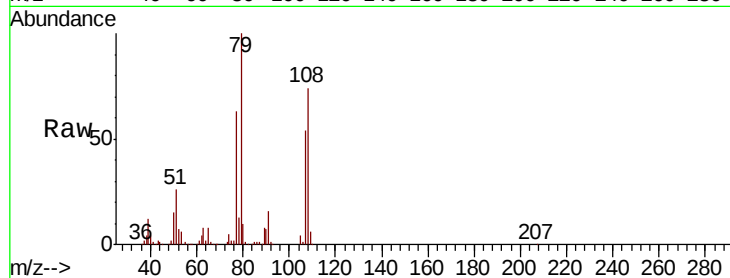
ClientSampled :

PB116317BS

Tot Ion:	79	Resp:	555190
Ion Ratio	Lower	Upper	
79	100		
108	74.4	60.4	90.6
77	62.8	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.542 ng

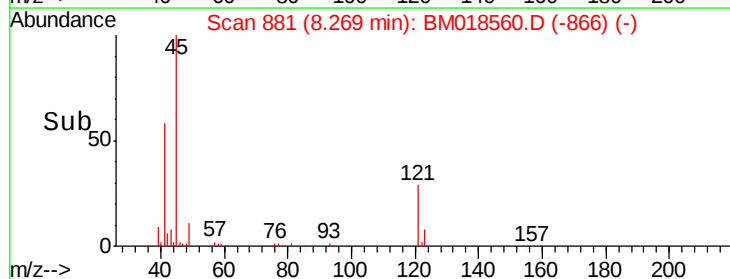
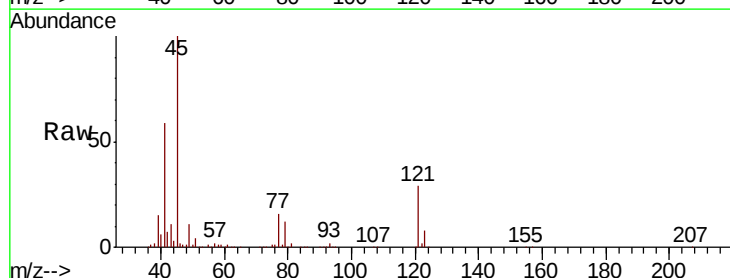
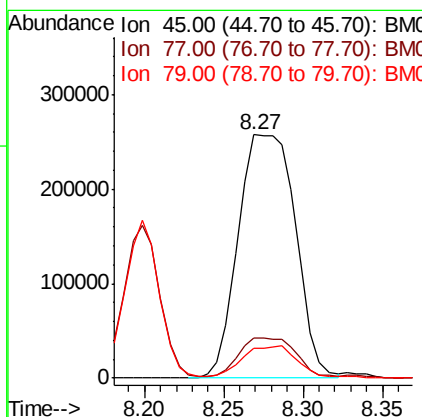
RT: 8.27 min Scan# 881

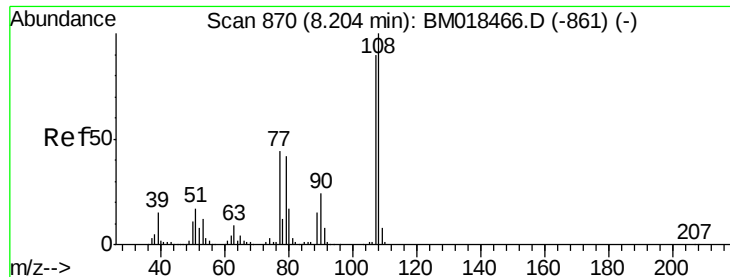
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:	45	Resp:	645696
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	33.4
79	12.5	0.0	31.1





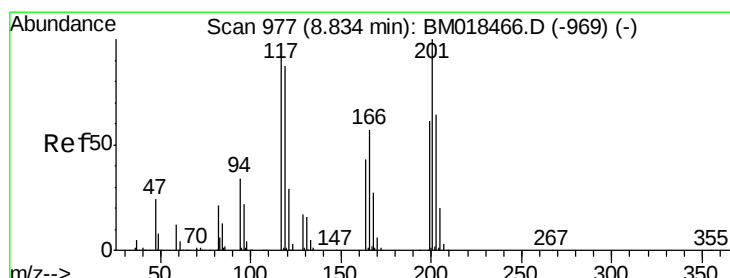
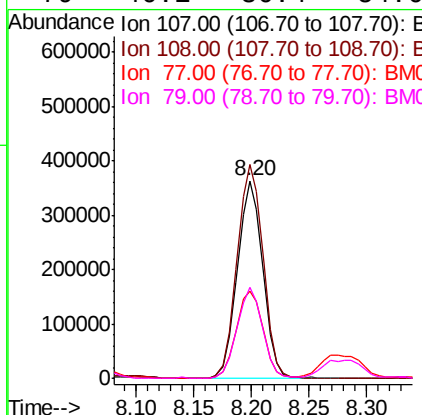
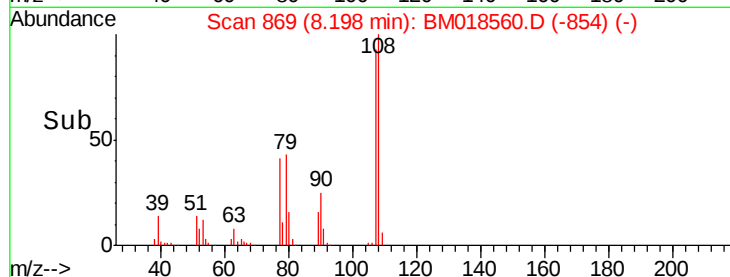
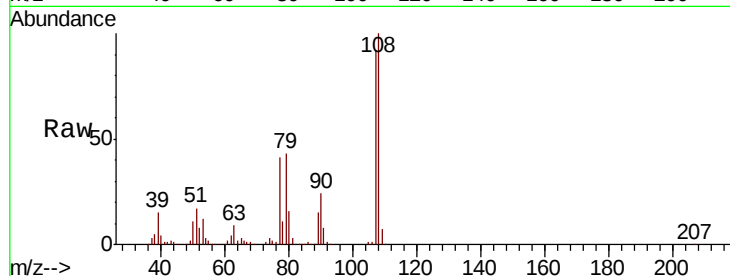
#17
2-Methylphenol
Concen: 45.113 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	87.5	131.3	
77	44.4	37.3	55.9	
79	46.1	36.4	54.6	

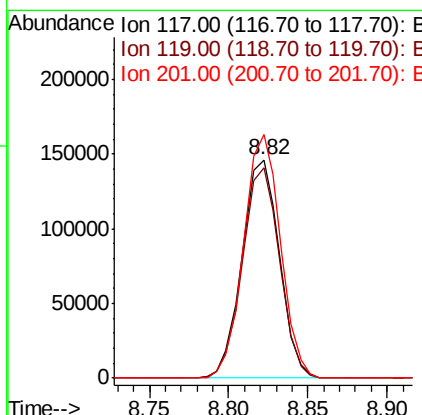
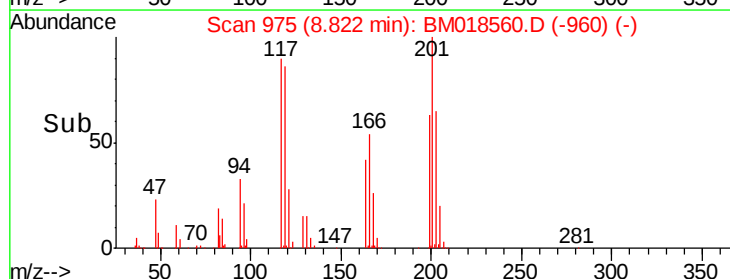
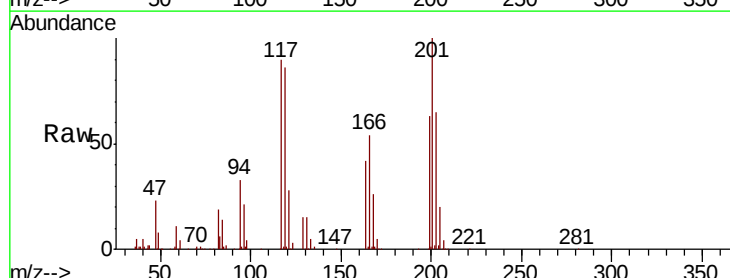
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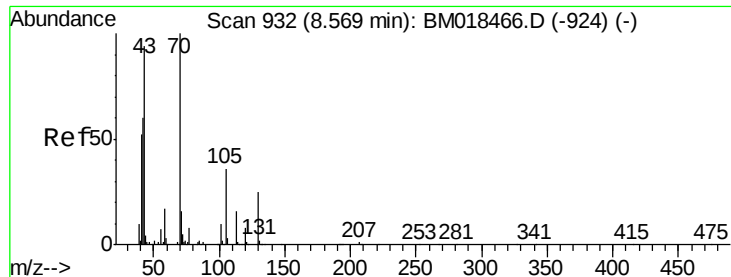
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#18
Hexachloroethane
Concen: 34.036 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	78.3	117.5	
201	111.4	81.4	122.0	





#19

n-Nitroso-di-n-propylamine

Concen: 38.465 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

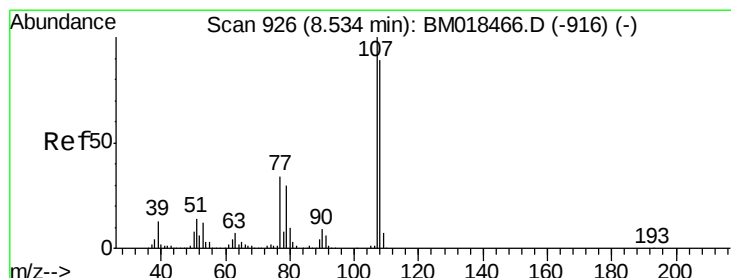
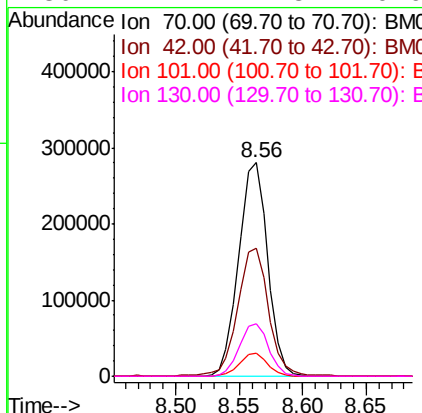
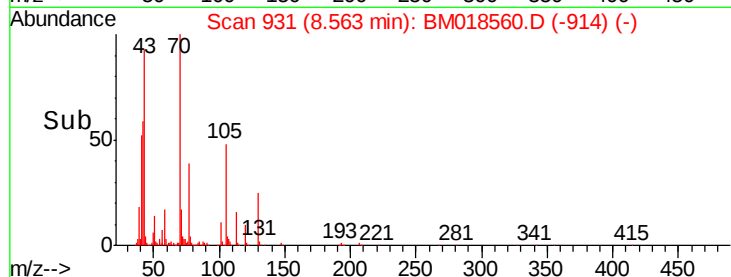
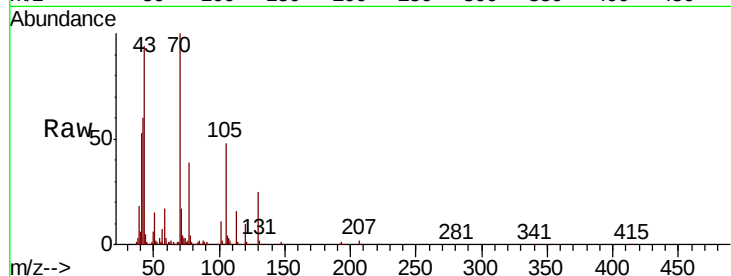
ClientSampleId :

PB116317BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.7	54.0	81.0	
101	10.8	8.1	12.1	
130	24.7	17.8	26.6	

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#20

3+4-Methylphenols

Concen: 44.415 ng

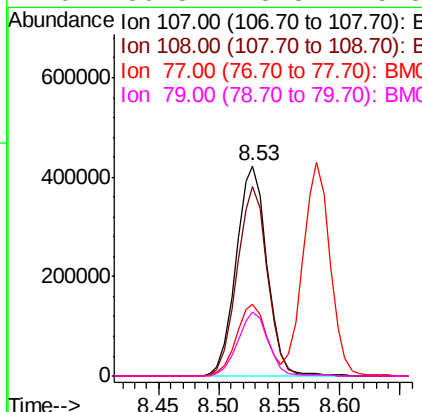
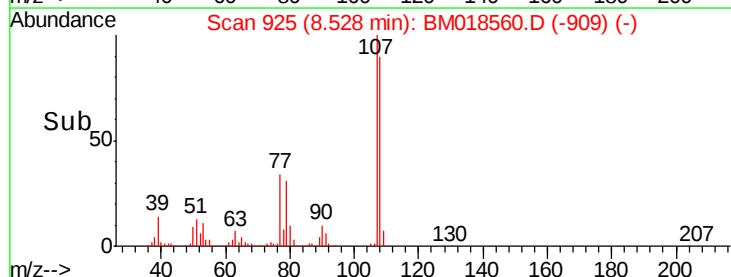
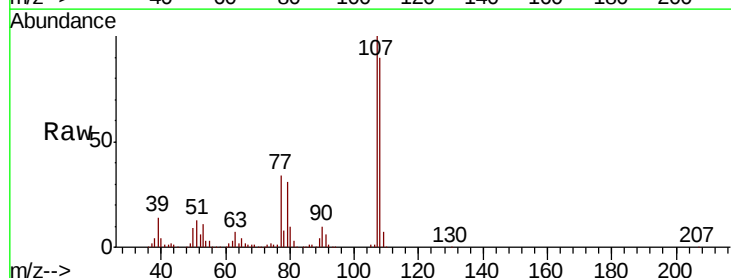
RT: 8.53 min Scan# 925

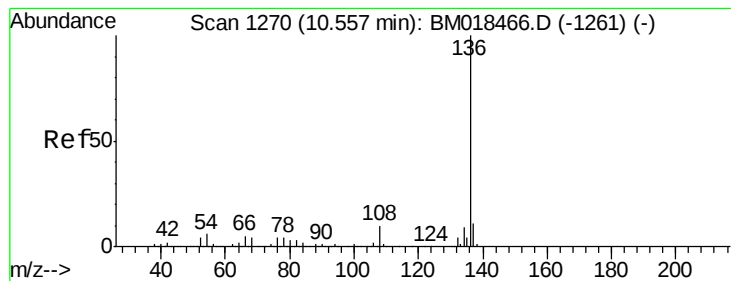
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	66.8	106.8	
77	34.1	13.3	53.3	
79	30.8	8.8	48.8	





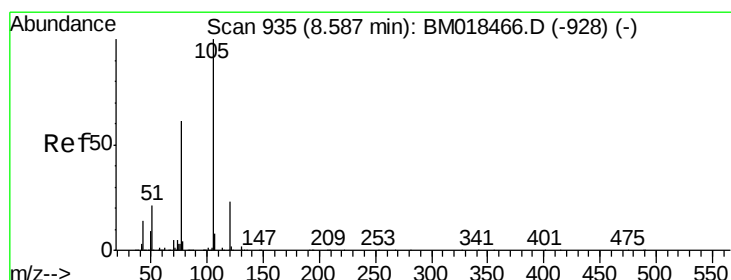
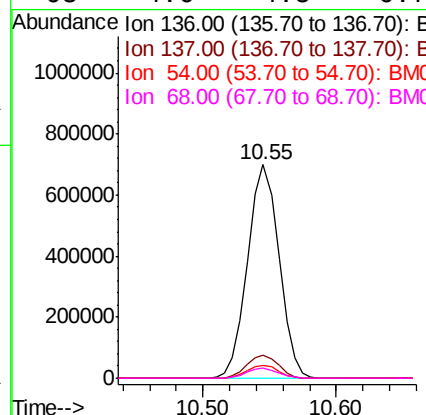
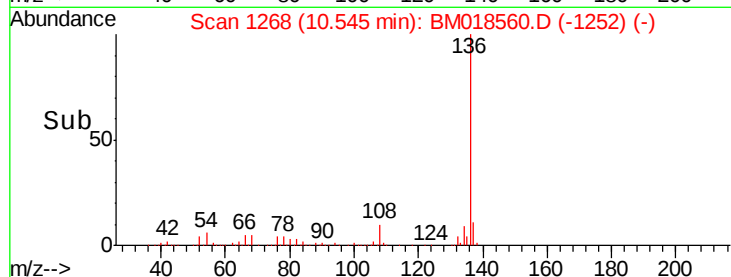
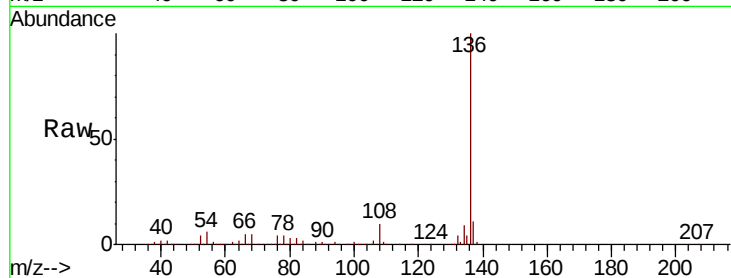
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	136	Resp	1139467
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.3	6.0	9.0
68	4.6	4.5	6.7

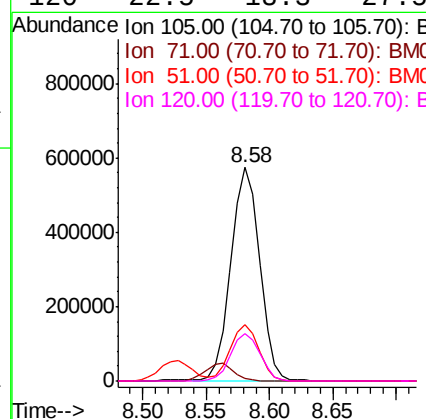
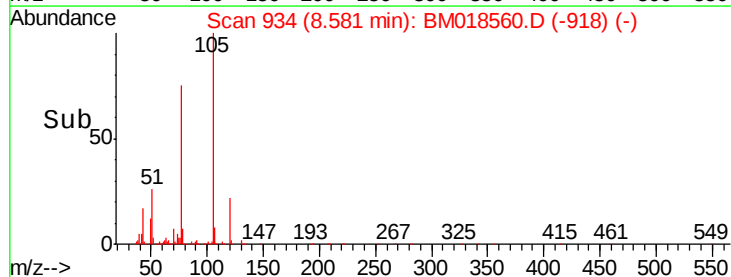
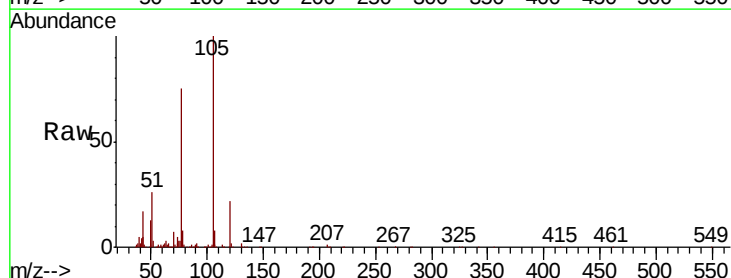
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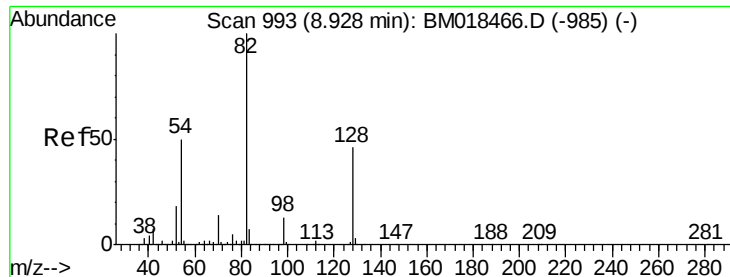
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#22
Acetophenone
Concen: 31.874 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	105	Resp	898447
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.7	2.5#
51	26.4	22.6	34.0
120	22.5	18.3	27.5





#23

Nitrobenzene-d5

Concen: 69.824 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion: 82 Resp: 1372443

Ion Ratio Lower Upper

82 100

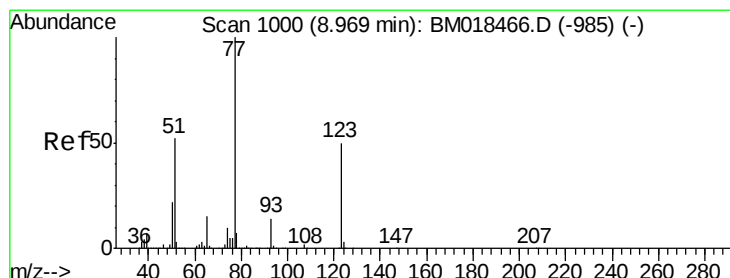
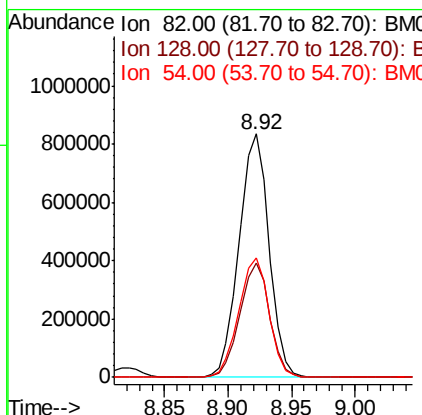
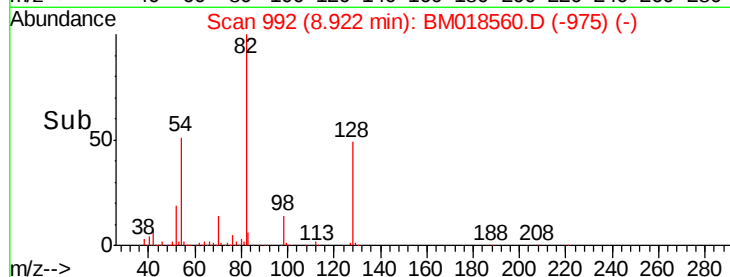
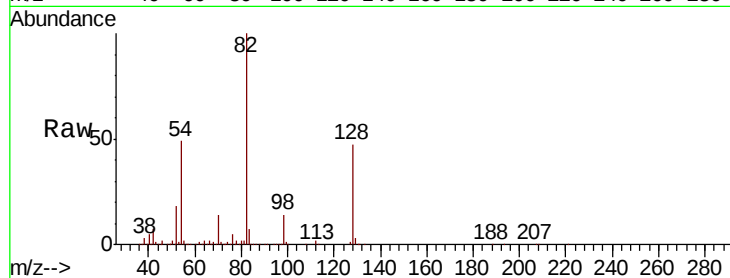
128 46.8 36.3 54.5

54 49.0 41.7 62.5

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#24

Nitrobenzene

Concen: 34.411 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

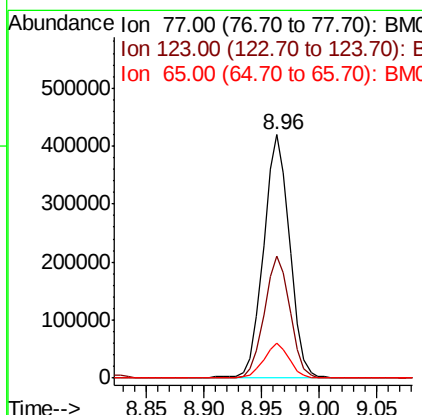
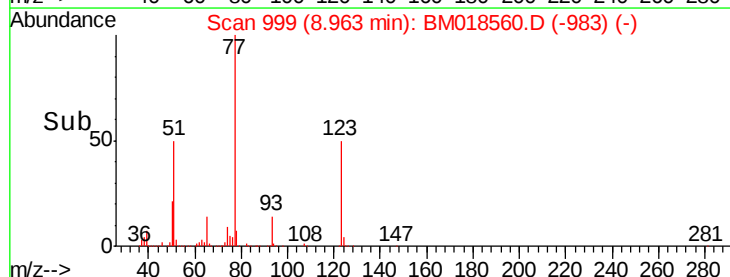
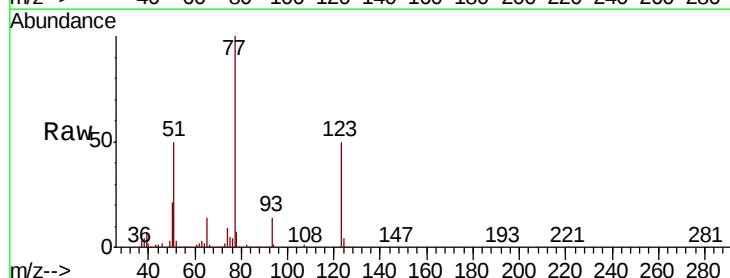
Tgt Ion: 77 Resp: 665507

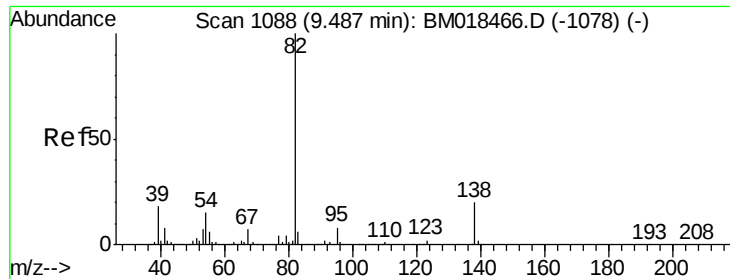
Ion Ratio Lower Upper

77 100

123 50.1 37.7 56.5

65 14.4 11.0 16.6





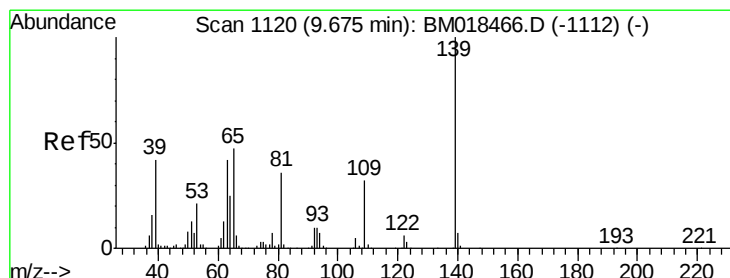
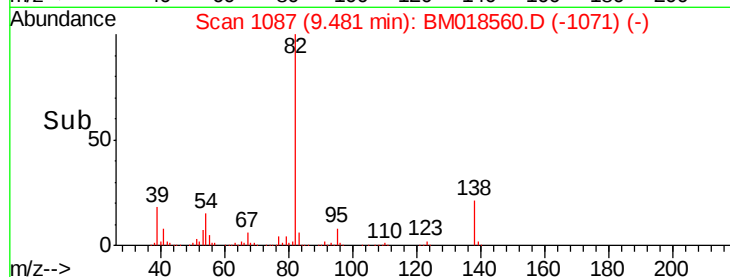
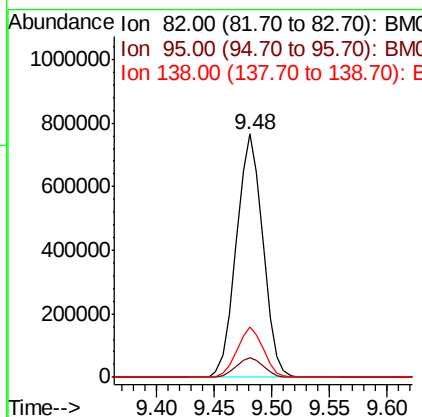
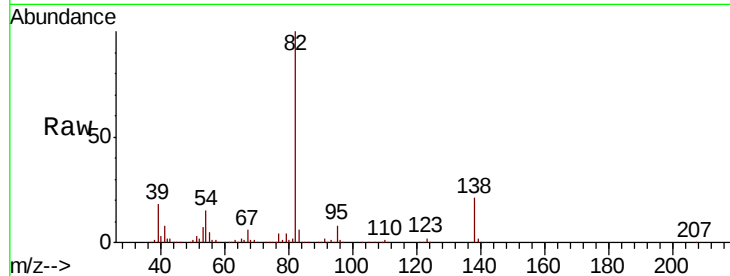
#25
Isophorone
Concen: 41.004 ng
RT: 9.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.1	9.1
138	20.9	15.1	22.7

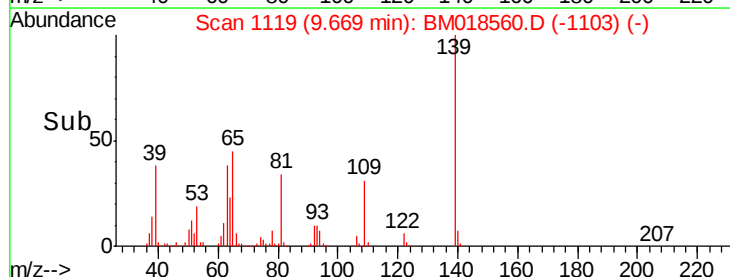
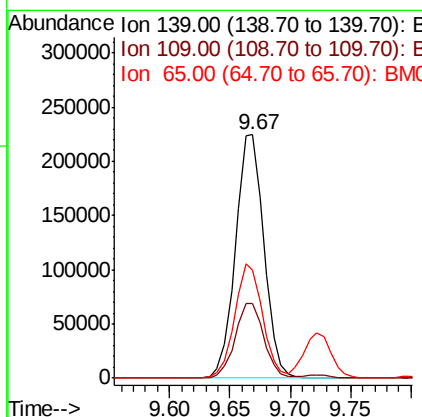
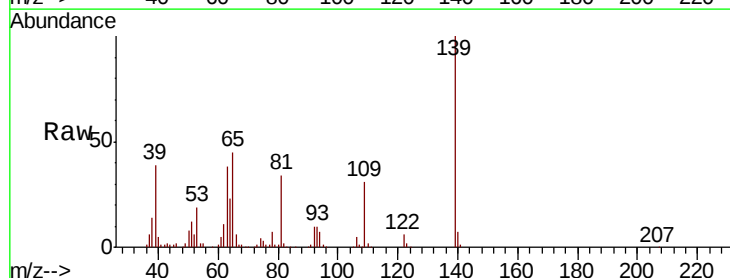
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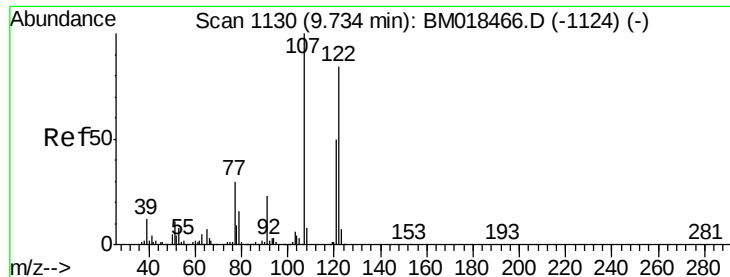
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#26
2-Nitrophenol
Concen: 39.488 ng
RT: 9.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.9	23.4	35.2
65	44.6	39.4	59.2





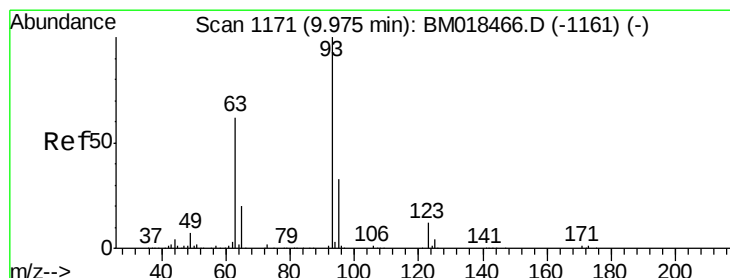
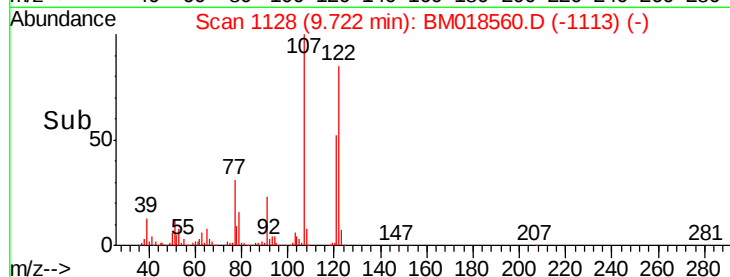
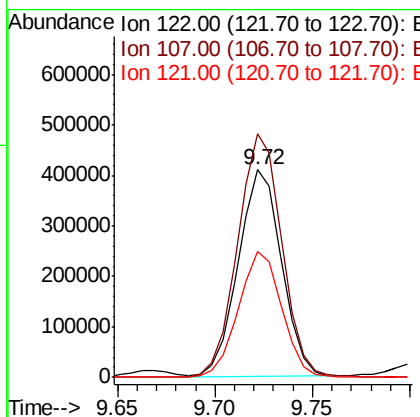
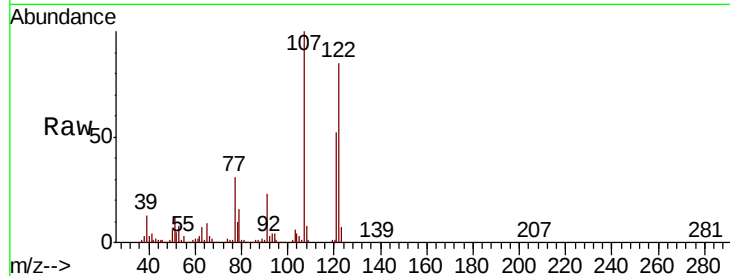
#27
2,4-Dimethylphenol
Concen: 44.709 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.4	91.9	137.9
121	60.7	47.5	71.3

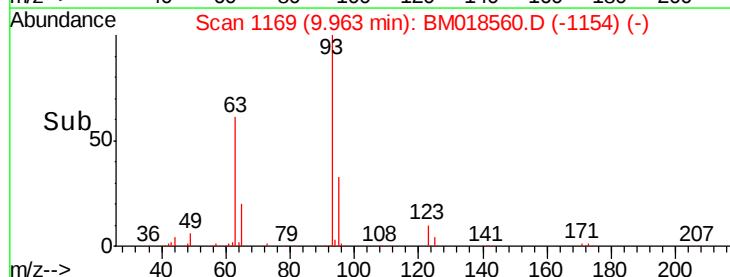
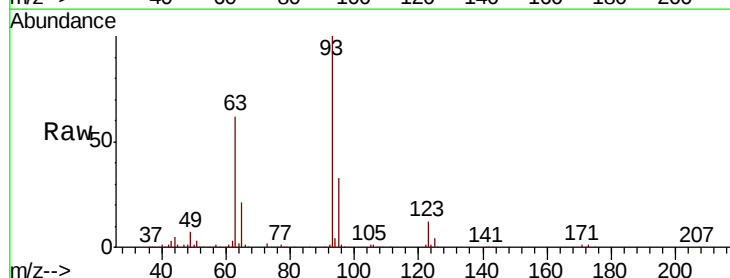
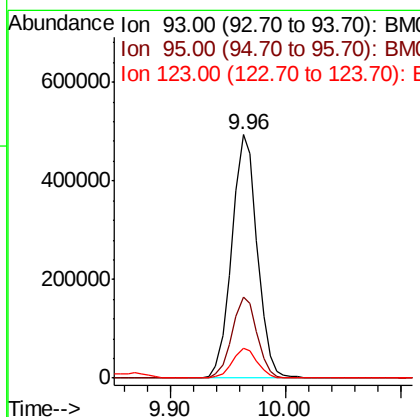
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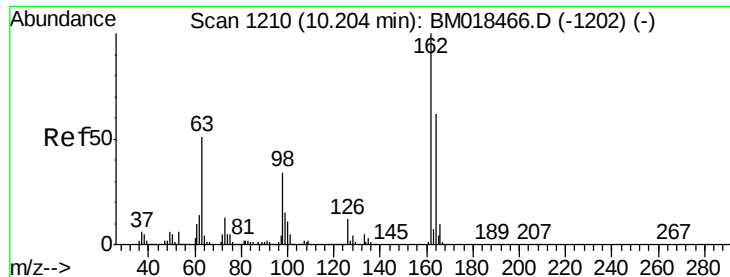
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 36.681 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	39.8
123	12.0	9.9	14.9





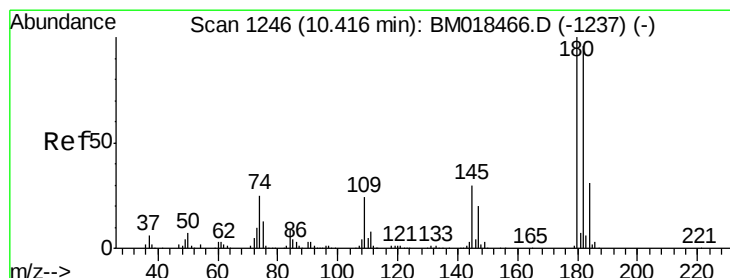
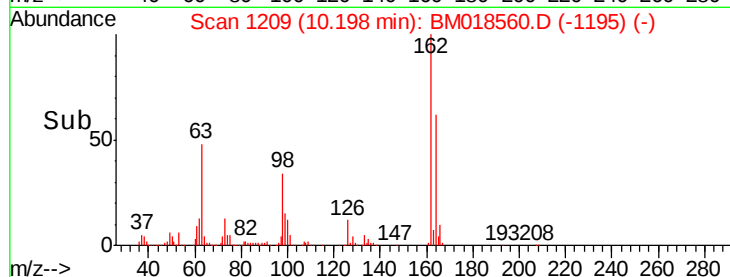
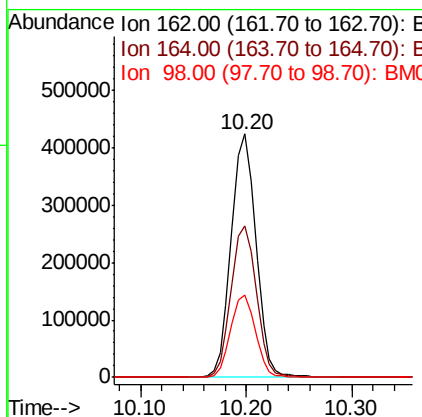
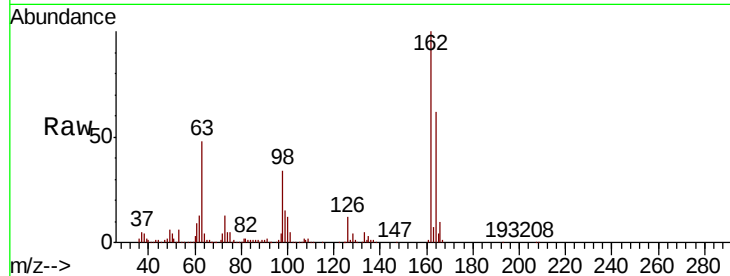
#29
2,4-Dichlorophenol
Concen: 41.461 ng
RT: 10.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	45.6	85.6
98	33.6	14.7	54.7

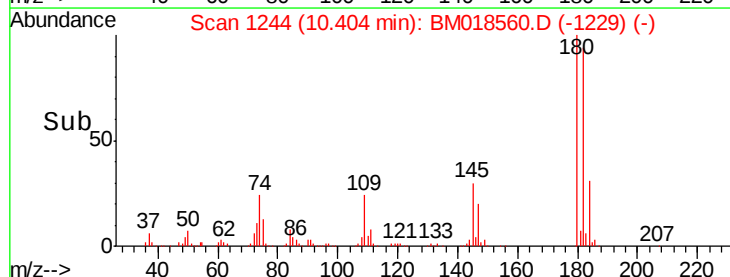
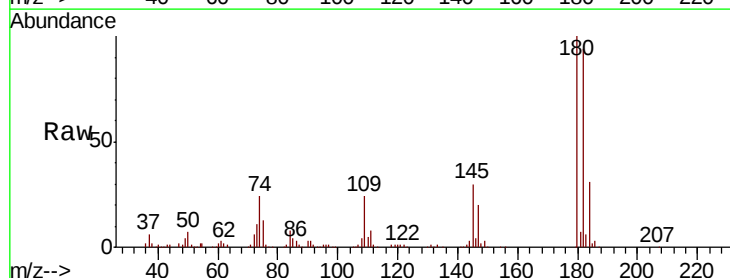
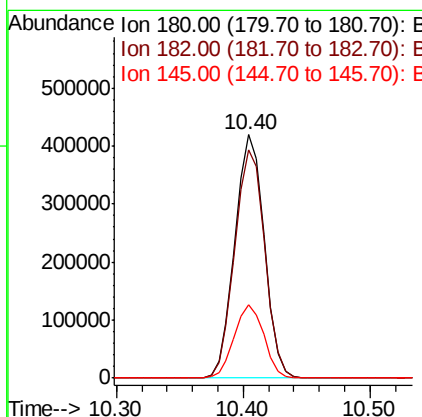
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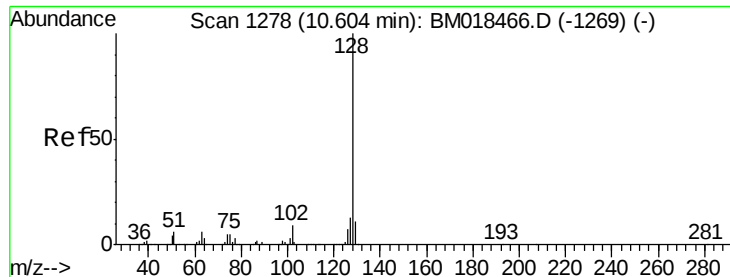
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#30
1,2,4-Trichlorobenzene
Concen: 32.604 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.4	116.2
145	30.1	24.6	37.0





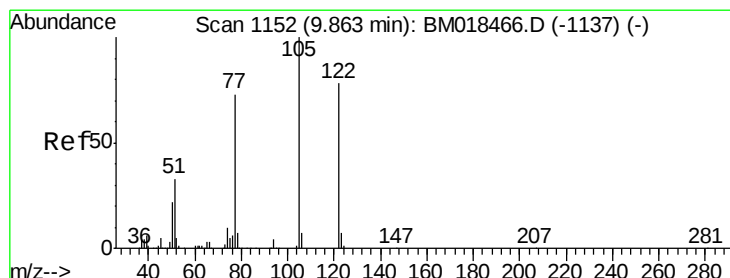
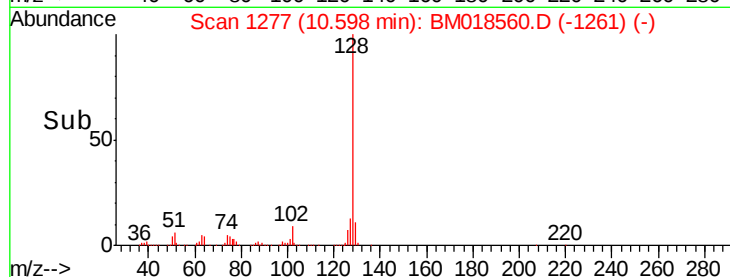
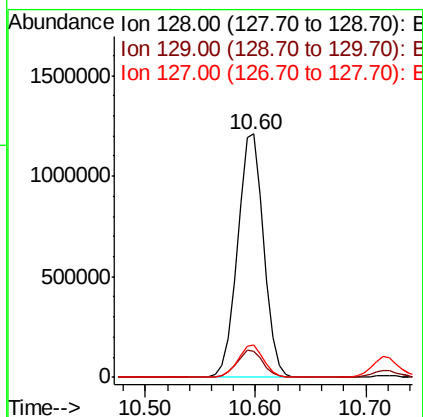
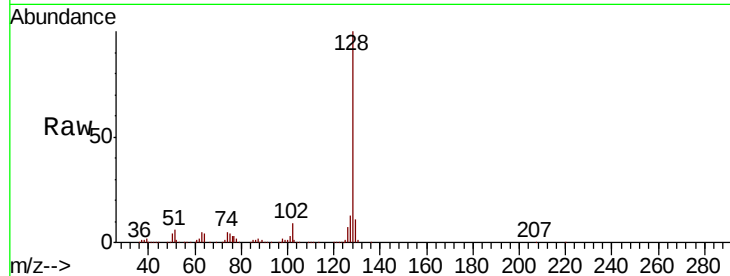
#31
Naphthalene
Concen: 36.542 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

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

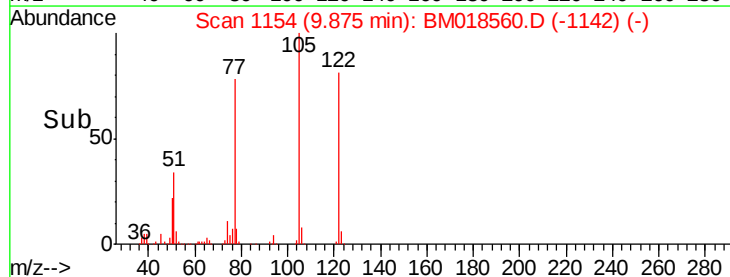
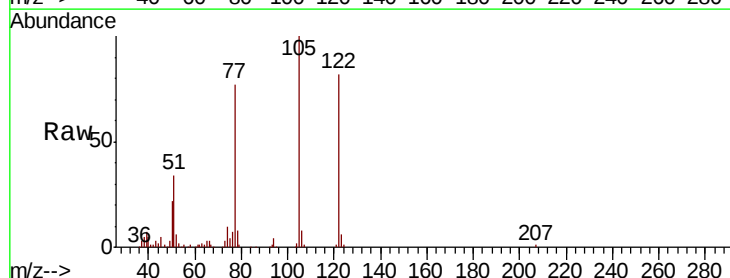
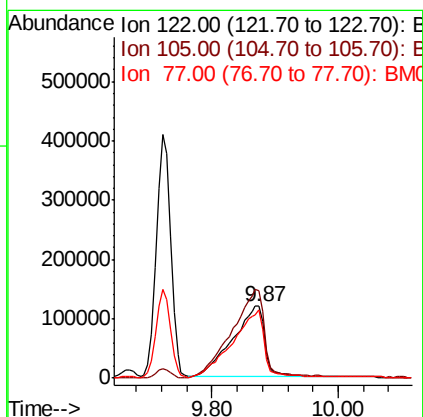
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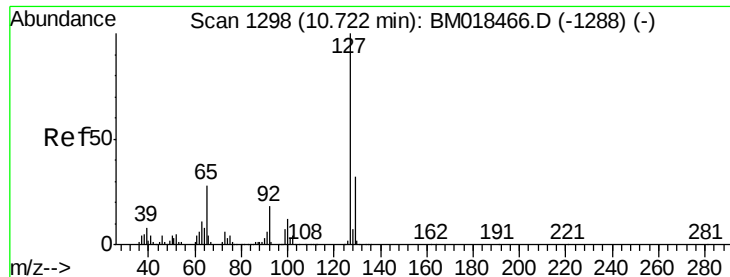
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#32
Benzoic acid
Concen: 46.002 ng m
RT: 9.87 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	100.4	140.4
77	94.4	71.7	111.7





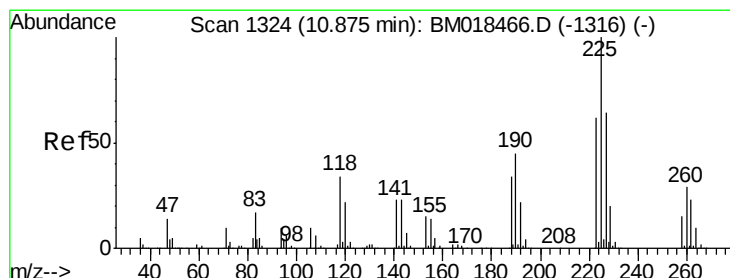
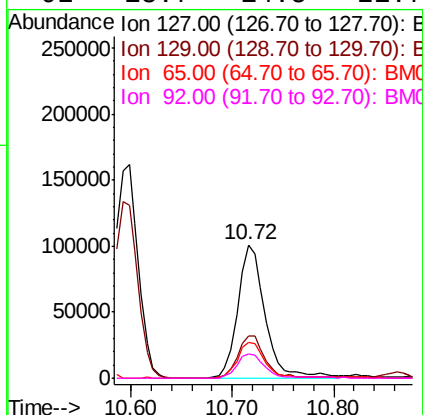
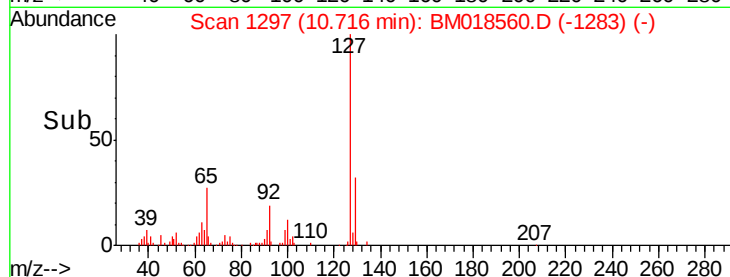
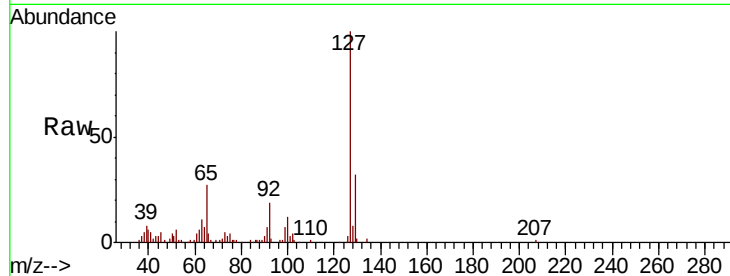
#33
4-Chloroaniline
Concen: 8.791 ng
RT: 10.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.9	38.9		
65	27.1	23.4	35.2		
92	18.7	14.5	21.7		

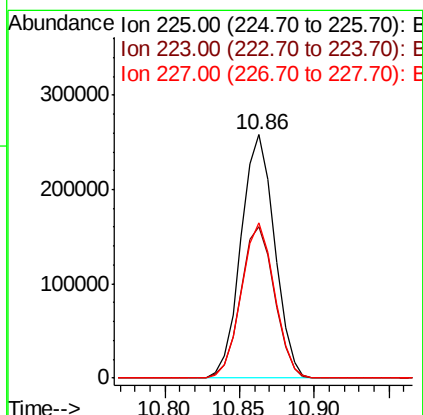
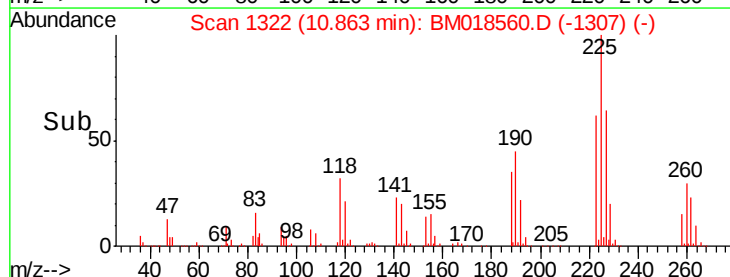
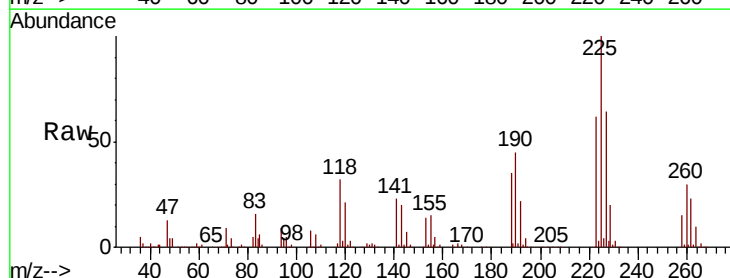
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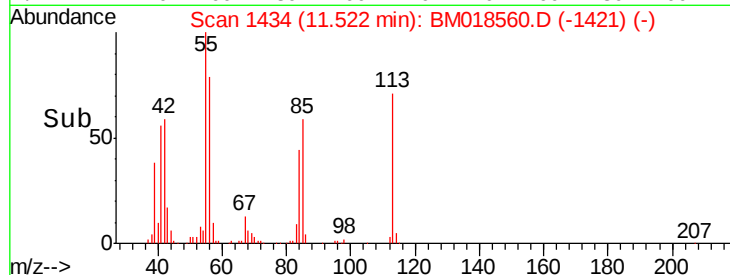
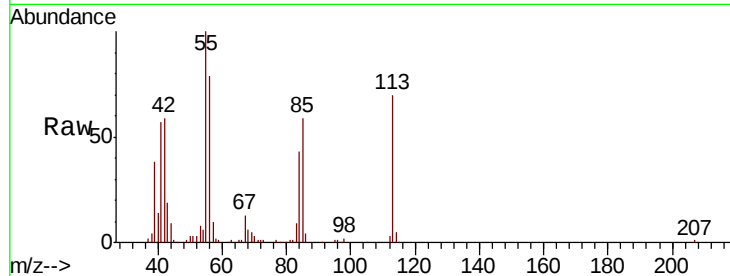
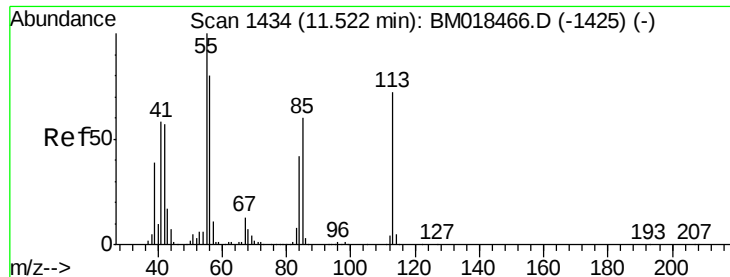
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#34
Hexachlorobutadiene
Concen: 30.829 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.8	76.2		
227	63.8	50.4	75.6		





#35

Caprolactam

Concen: 39.201 ng/mL

RT: 11.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

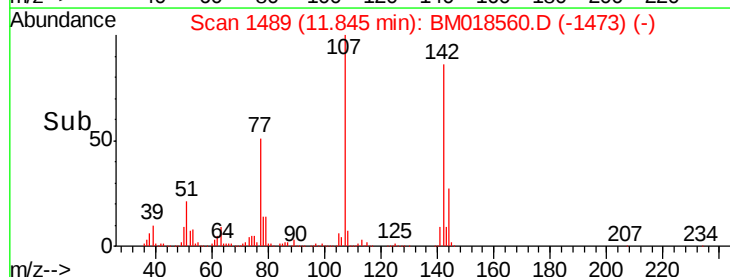
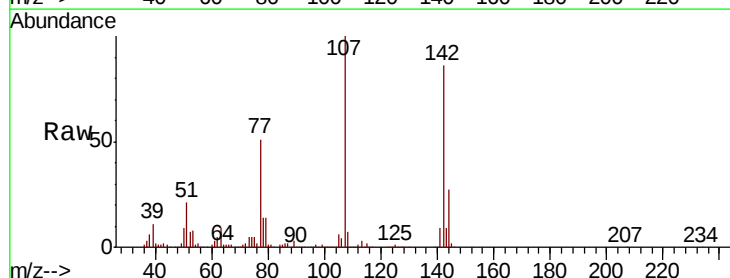
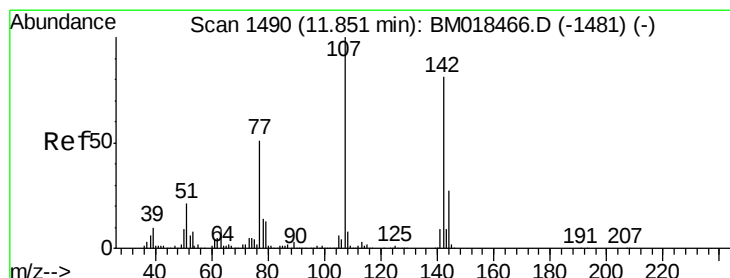
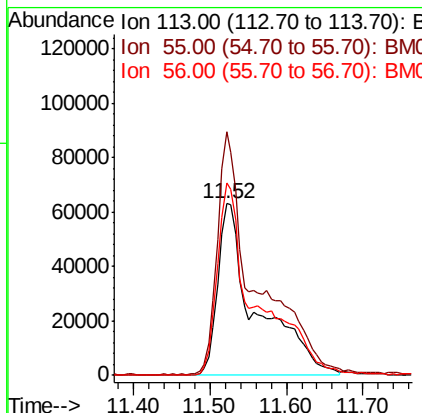
ClientSampleId :

PB116317BS

Tot Ion:	113	Resp:	222456
Ion Ratio	Lower	Upper	
113	100		
55	142.1	139.3	179.3
56	112.4	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 42.039 ng/mL

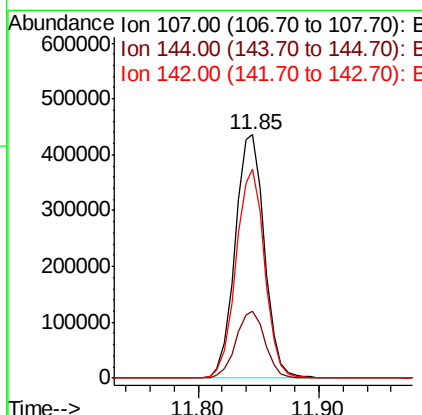
RT: 11.85 min Scan# 1489

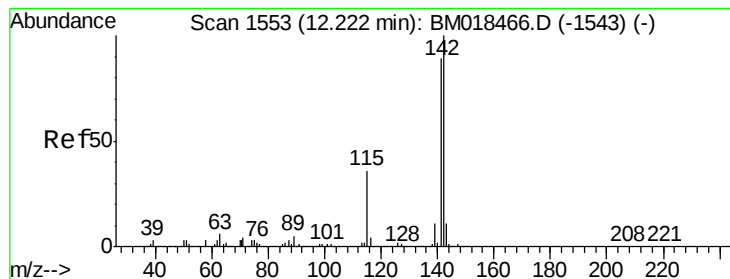
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:	107	Resp:	736127
Ion Ratio	Lower	Upper	
107	100		
144	27.4	21.9	32.9
142	85.7	67.9	101.9





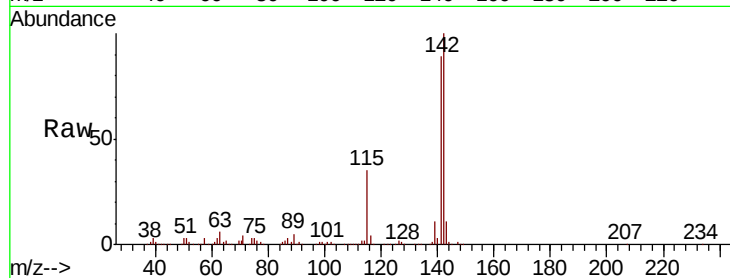
#37
2-Methylnaphthalene
Concen: 39.677 ng
RT: 12.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	35.1	28.0	42.0

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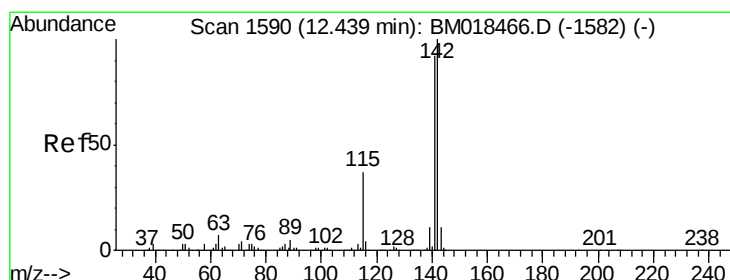
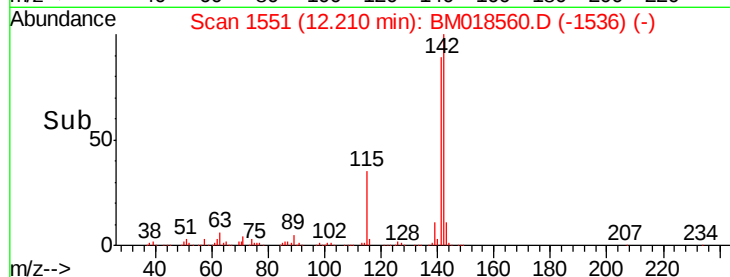
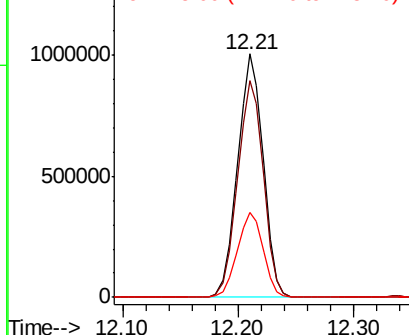


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.997 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

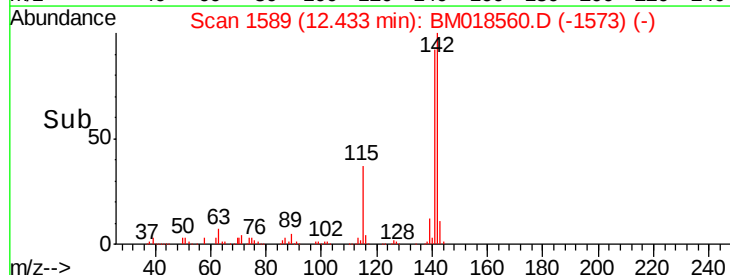
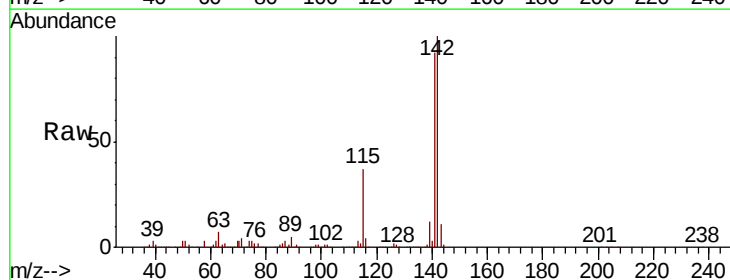
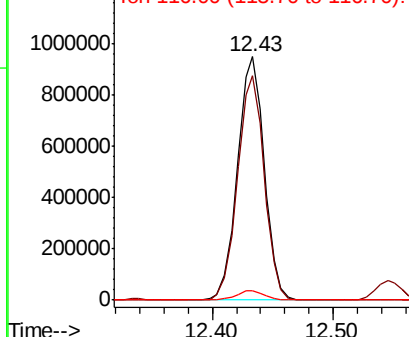
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.6	113.4
116	3.9	3.0	4.6

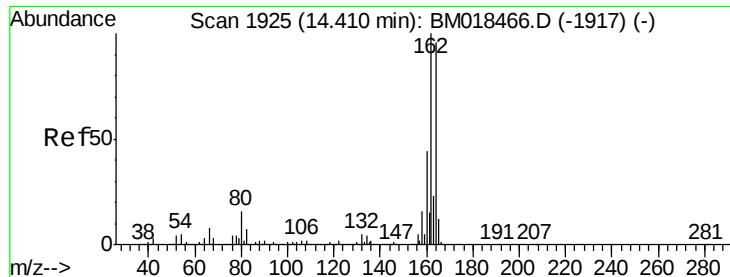
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





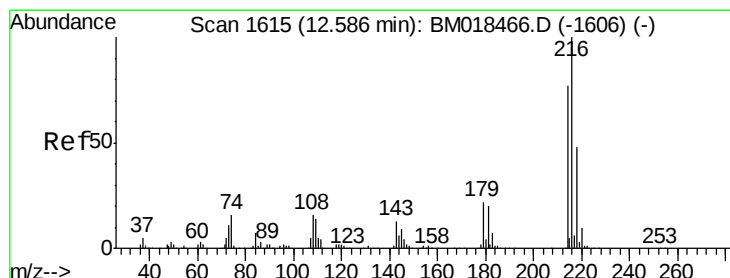
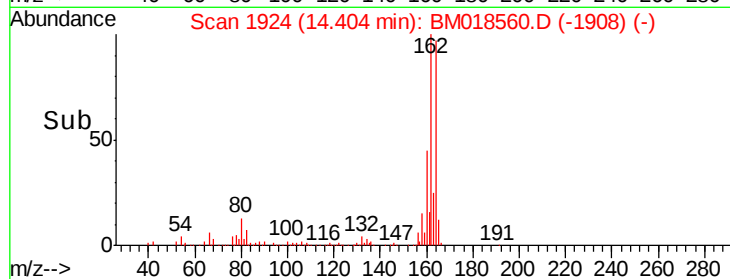
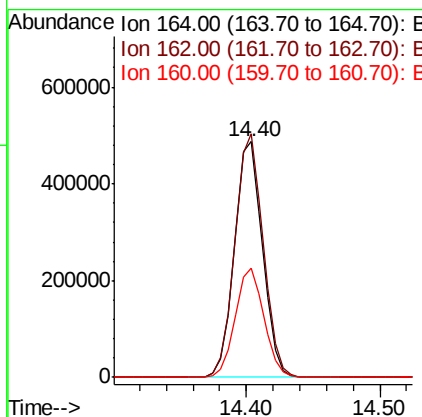
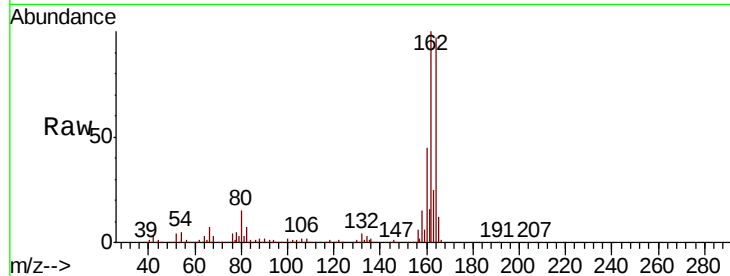
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion:	164	Resp:	711466
Ion Ratio	Lower	Upper	
164	100		
162	103.5	83.0	124.4
160	46.2	37.1	55.7

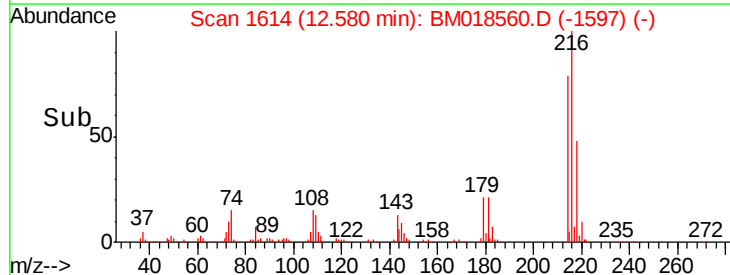
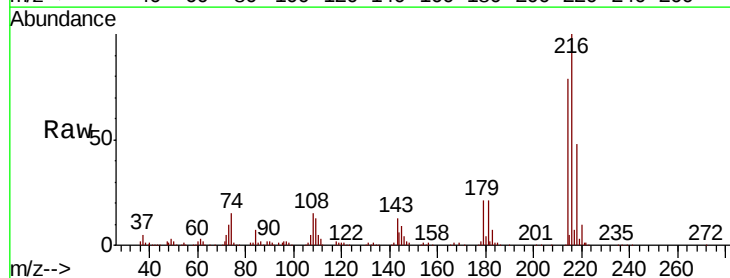
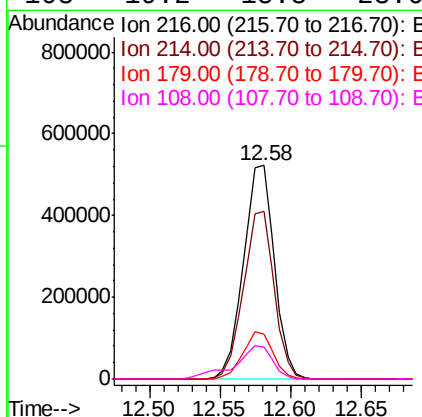
Manual Integrations
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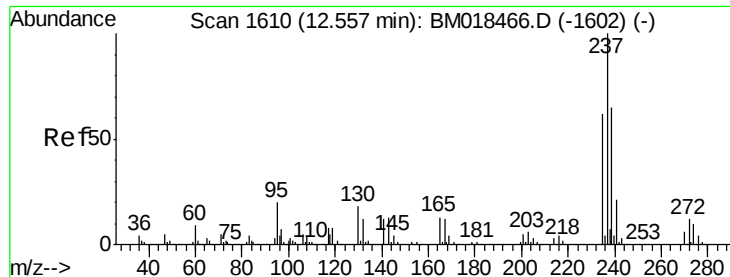
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.188 ng
RT: 12.58 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion:	216	Resp:	800838
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.4	95.0
179	21.6	17.9	26.9
108	19.2	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 70.066 ng

RT: 12.55 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

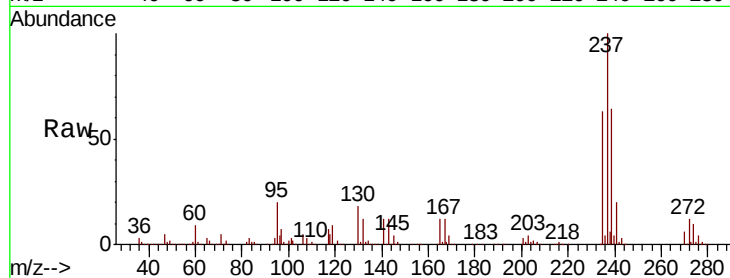
ClientSampleId :

PB116317BS

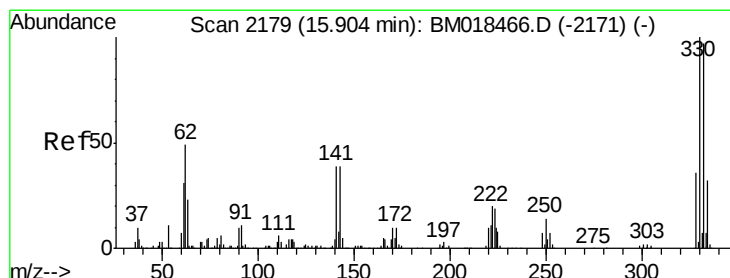
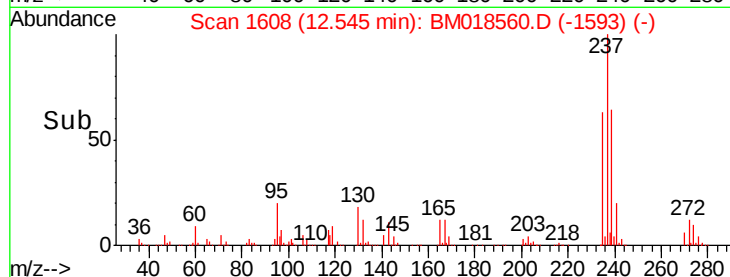
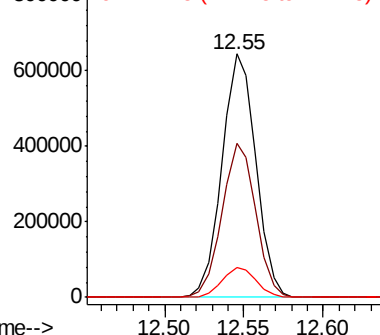
Tot Ion:	237	Resp:	956722
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.8	82.8
272	12.2	0.0	31.9

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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: 121.188 ng

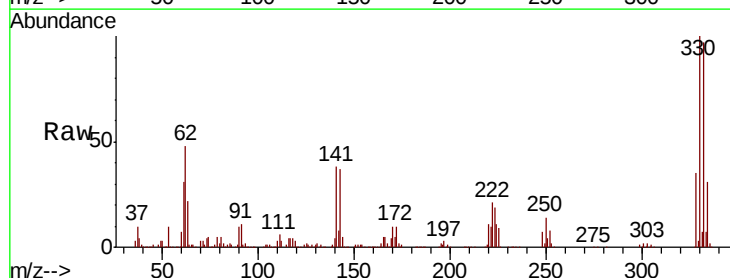
RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

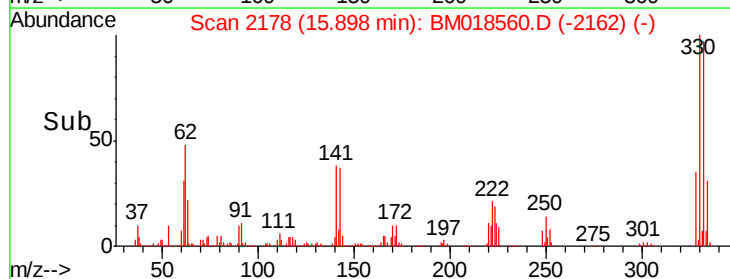
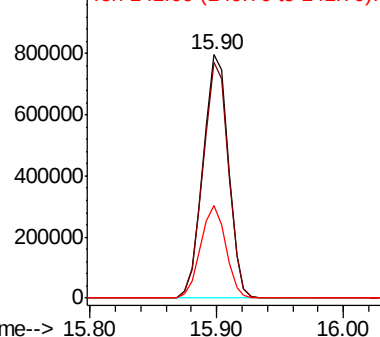
Lab File: BM018560.D

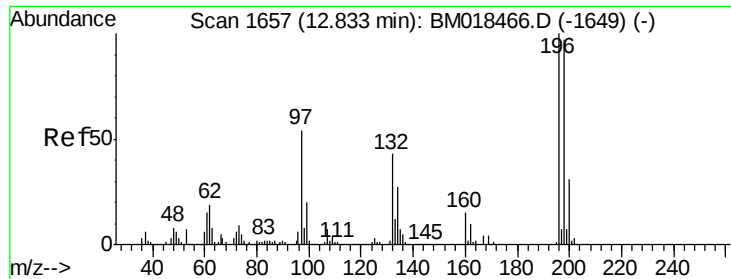
Acq: 14 Jan 2019 20:23

Tgt Ion:	330	Resp:	1097838
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.6	116.4
141	37.9	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





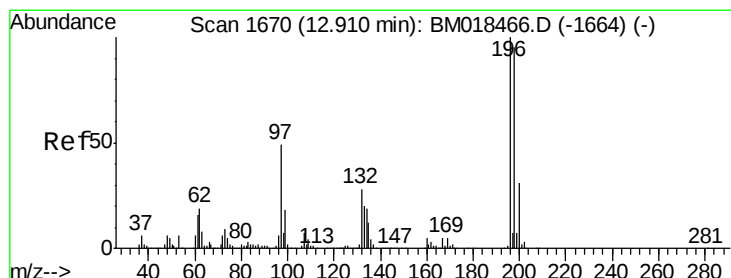
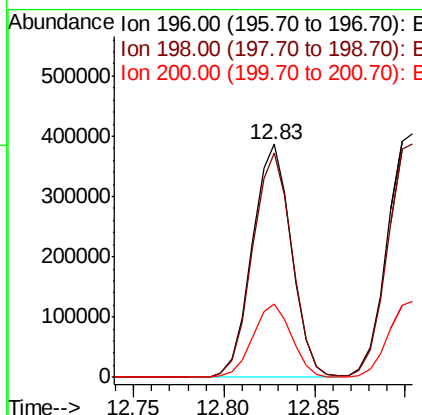
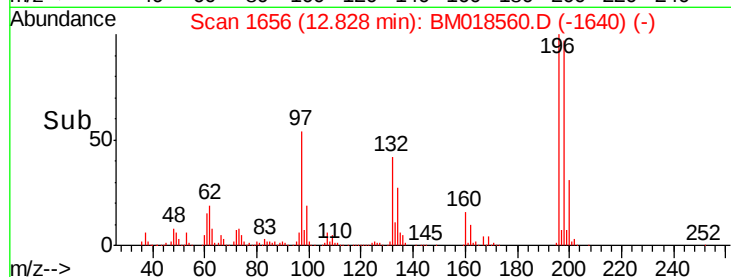
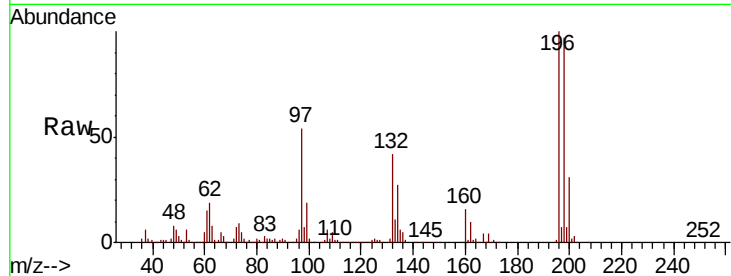
#43
 2,4,6-Trichlorophenol
 Concen: 38.435 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampled :
 PB116317BS

Tot Ion:	196	Resp:	580695
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.6	115.0
200	31.3	24.2	36.4

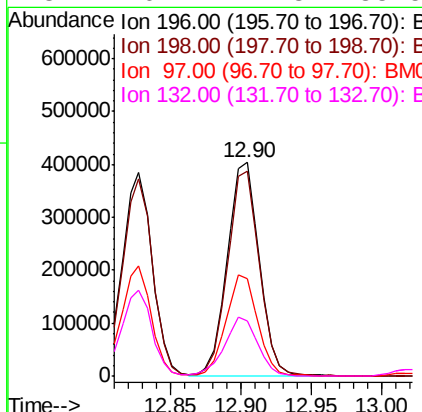
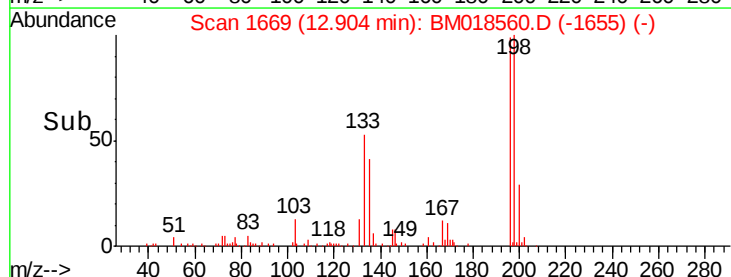
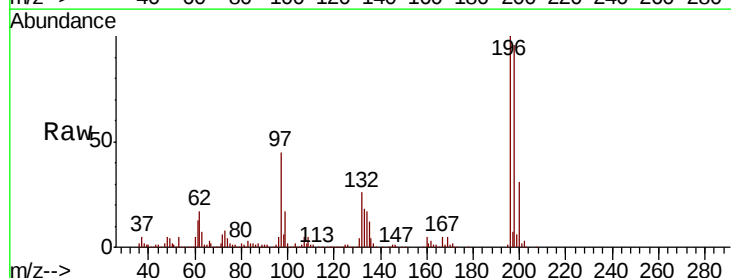
Manual Integrations
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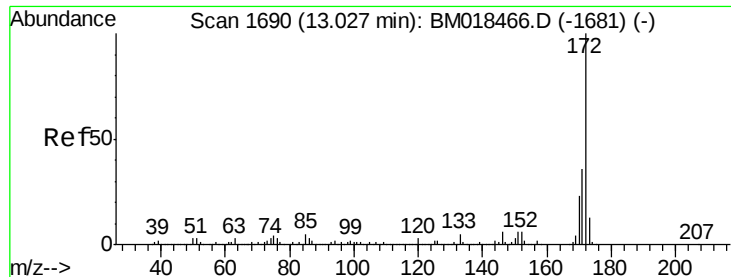
Sohil
 1/15/2019 12:20:11 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.789 ng
 RT: 12.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion:	196	Resp:	632229
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.7	115.1
97	45.4	39.2	58.8
132	26.1	22.3	33.5





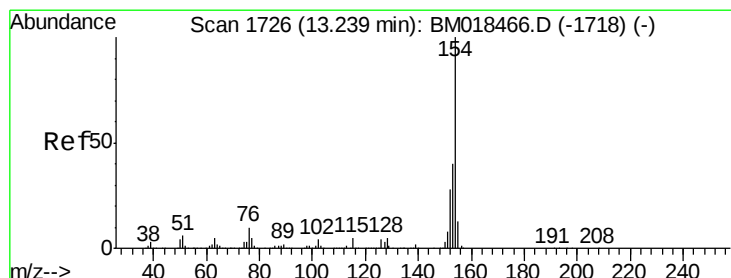
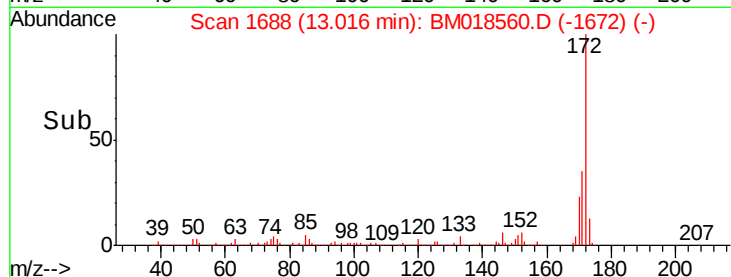
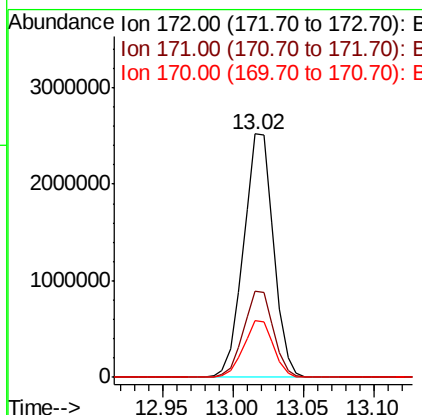
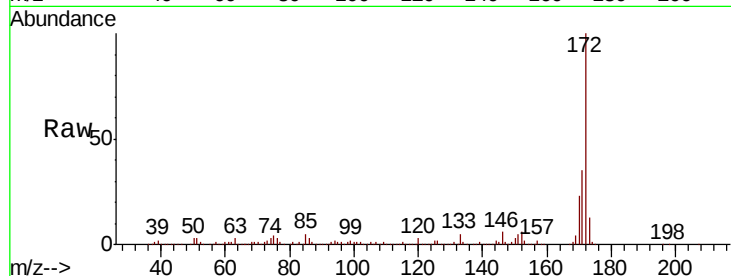
#45
2-Fluorobiphenyl
Concen: 68.511 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.3	18.9	28.3

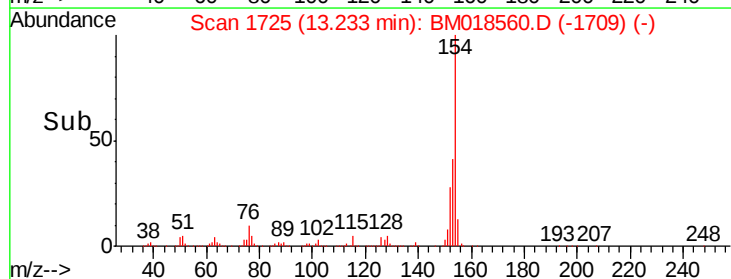
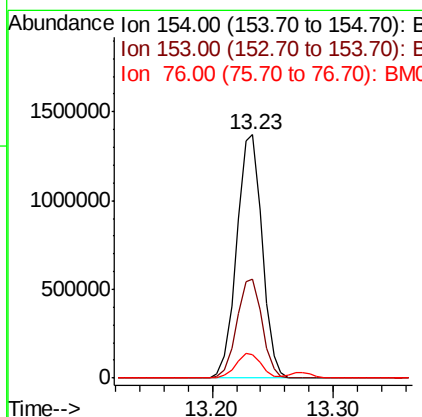
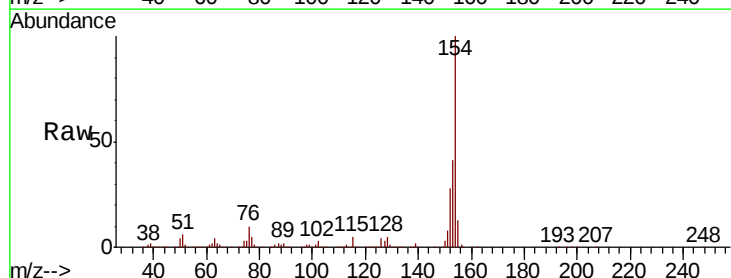
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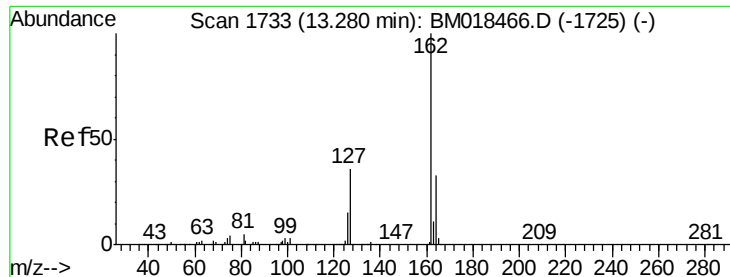
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#46
1,1'-Biphenyl
Concen: 32.372 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	9.9	0.0	31.9





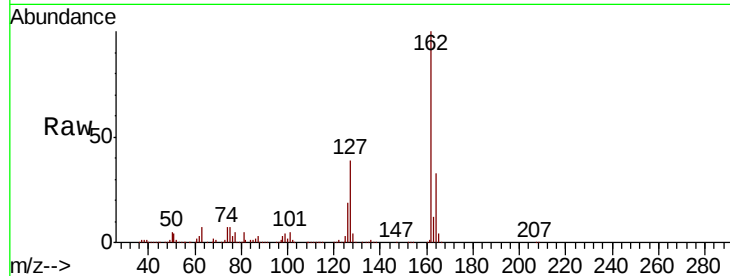
#47
2-Chloronaphthalene
Concen: 32.524 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampled :
PB116317BS

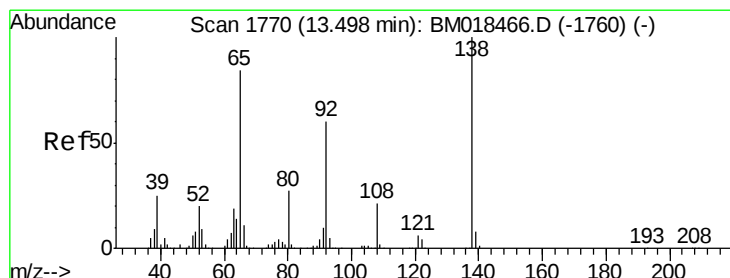
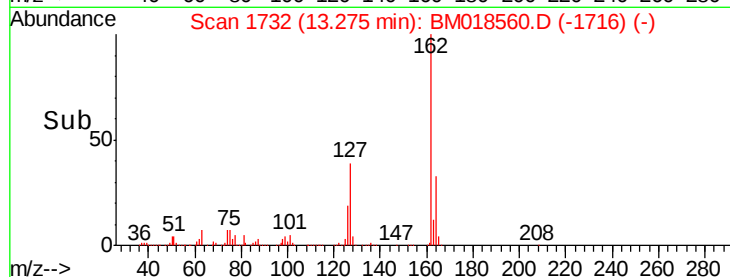
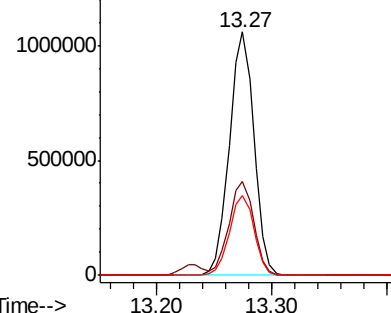
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.4	47.0
164	33.0	26.2	39.4

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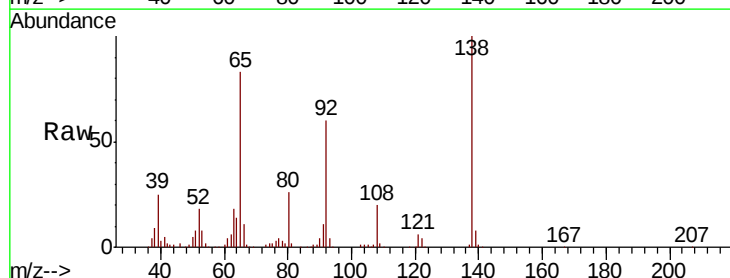


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

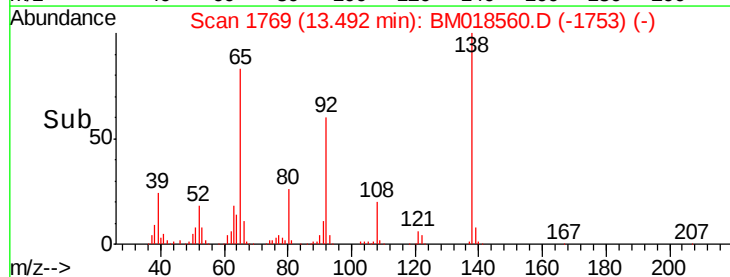
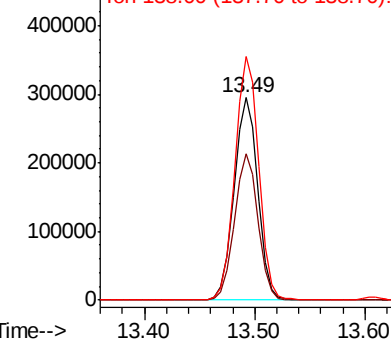


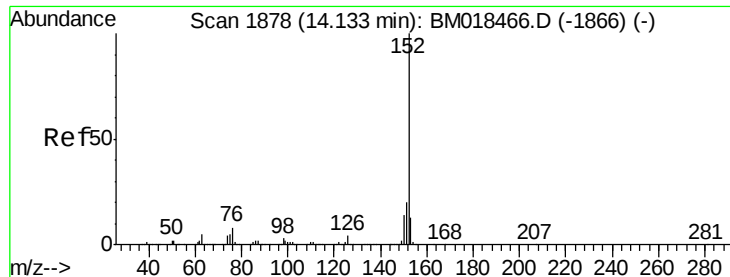
#48
2-Nitroaniline
Concen: 37.678 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	53.4	80.2
138	120.2	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: 37.266 ng

RT: 14.12 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

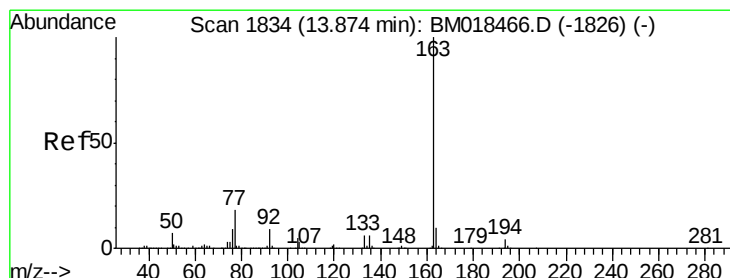
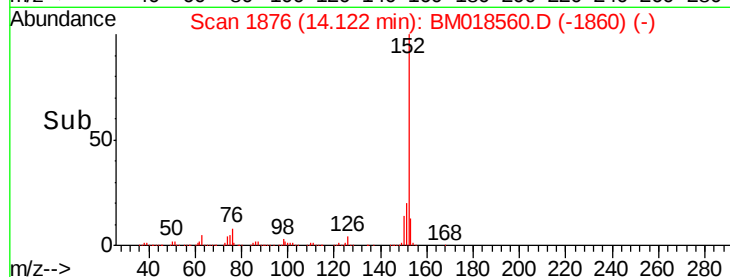
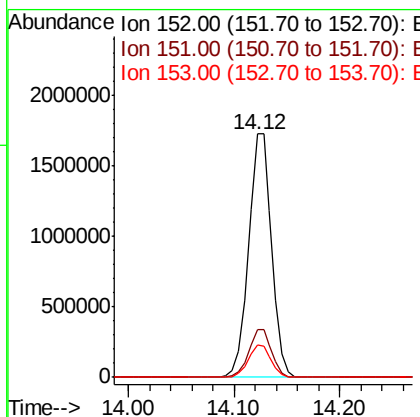
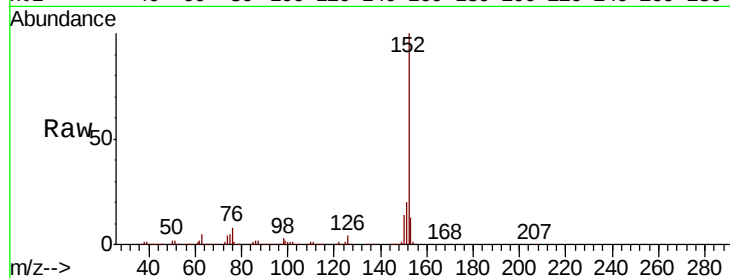
ClientSampleId :

PB116317BS

Tot Ion:	152	Resp:	2616206
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.3	10.5	15.7

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#50

Dimethylphthalate

Concen: 35.834 ng

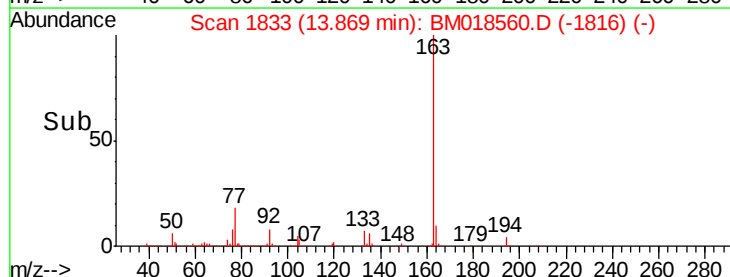
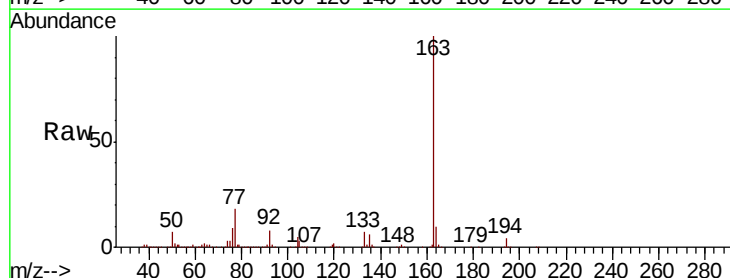
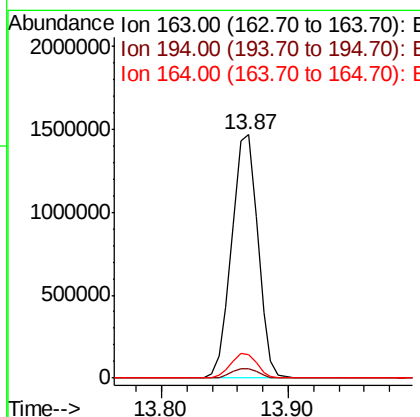
RT: 13.87 min Scan# 1833

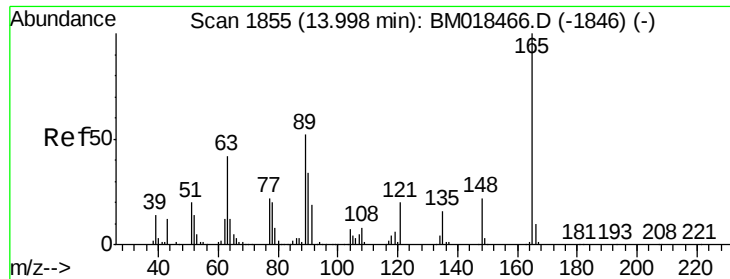
Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:	163	Resp:	2093832
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.9	7.8	11.8





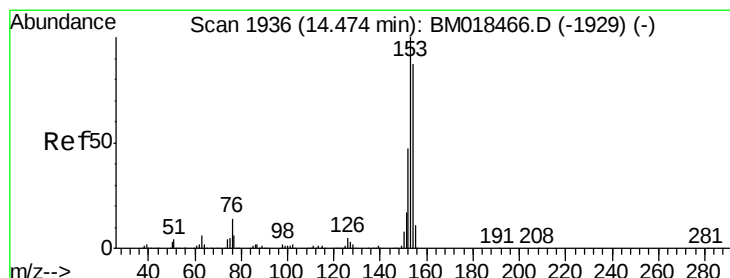
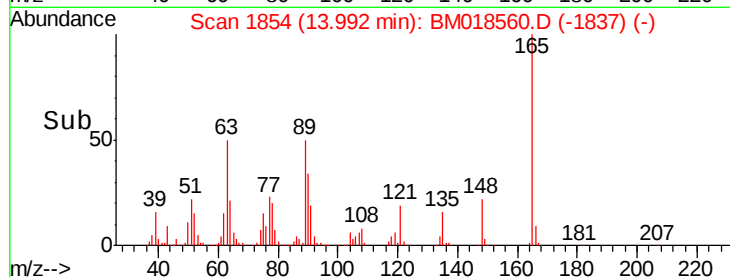
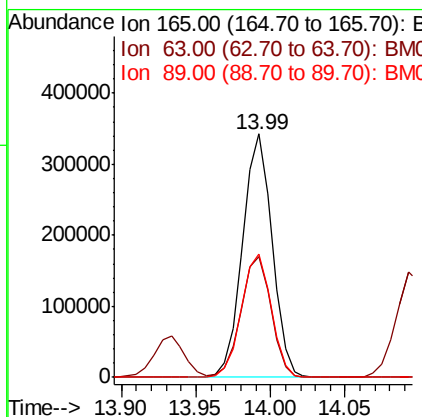
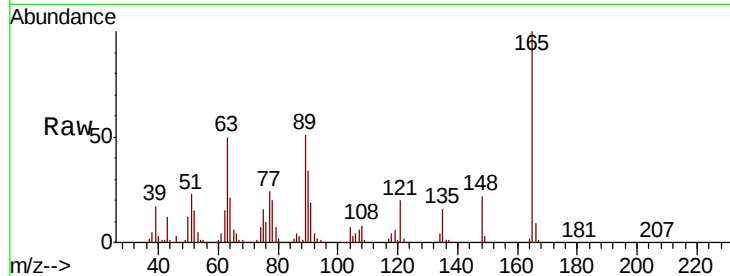
#51
2,6-Dinitrotoluene
Concen: 37.972 ng
RT: 13.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.9	45.6	68.4
89	50.6	44.6	66.8

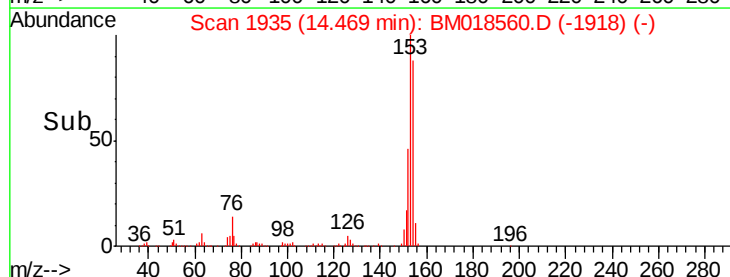
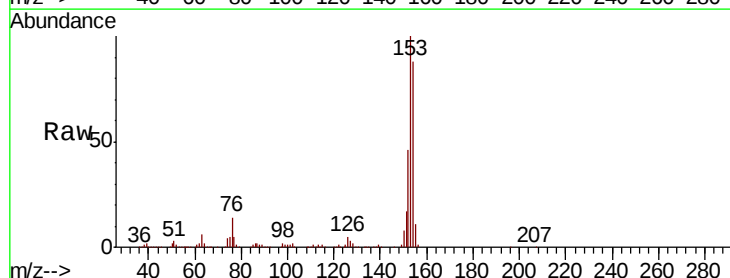
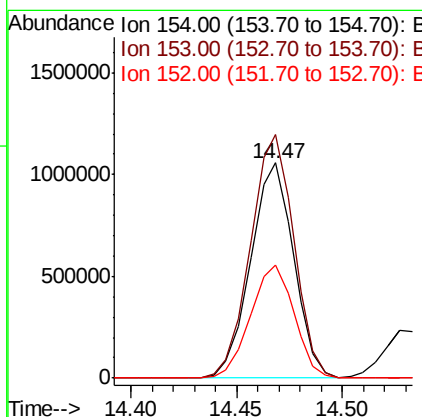
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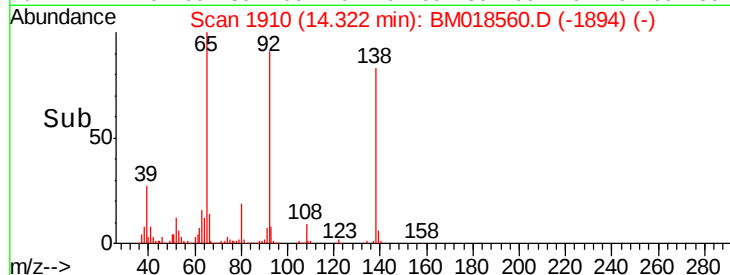
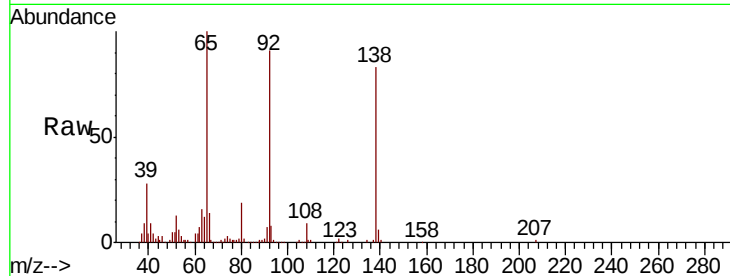
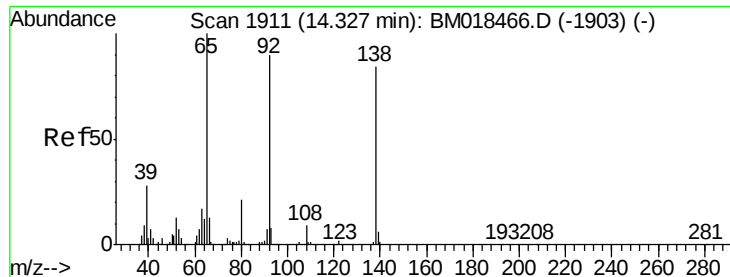
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#52
Acenaphthene
Concen: 34.943 ng
RT: 14.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.3	138.5
152	52.3	43.8	65.6





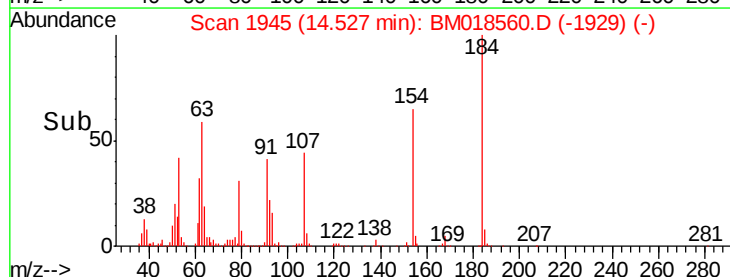
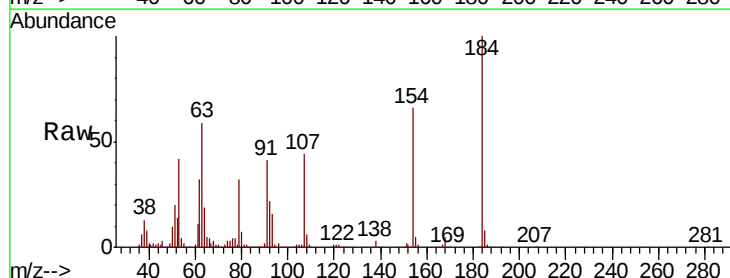
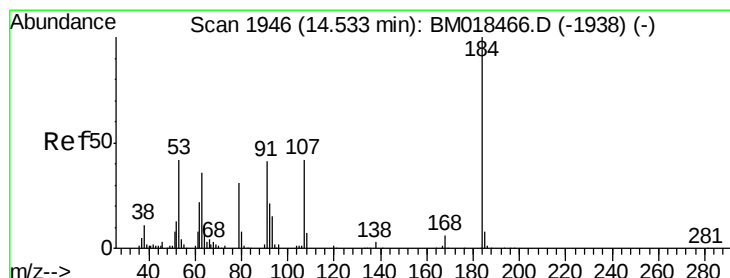
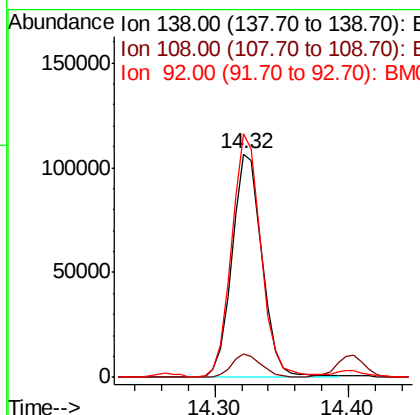
#53
3-Nitroaniline
Concen: 13.416 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.1	13.7
92	108.9	88.2	132.2

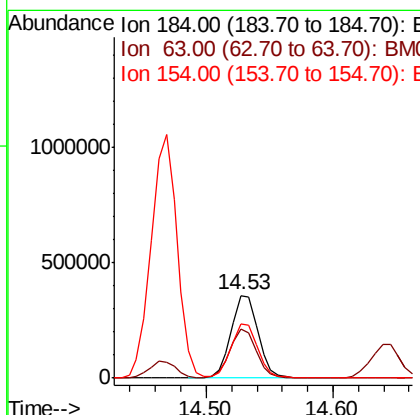
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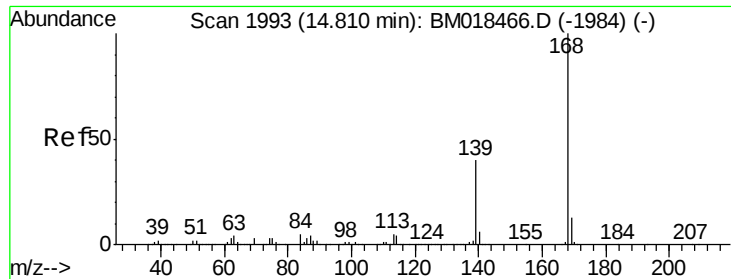
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#54
2,4-Dinitrophenol
Concen: 79.228 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.1	55.9	83.9
154	65.7	54.2	81.4





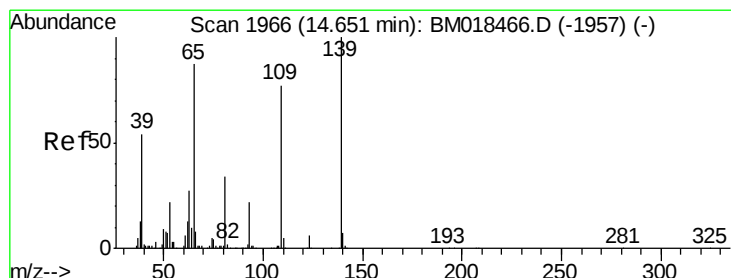
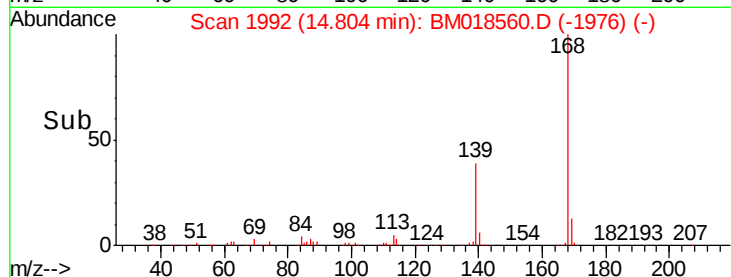
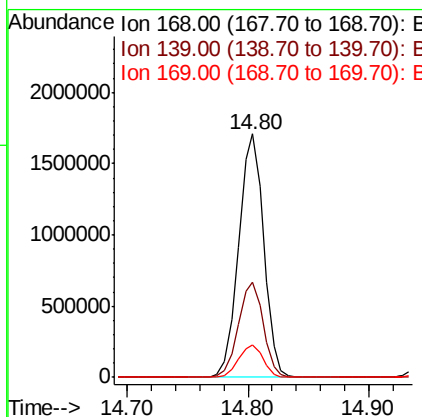
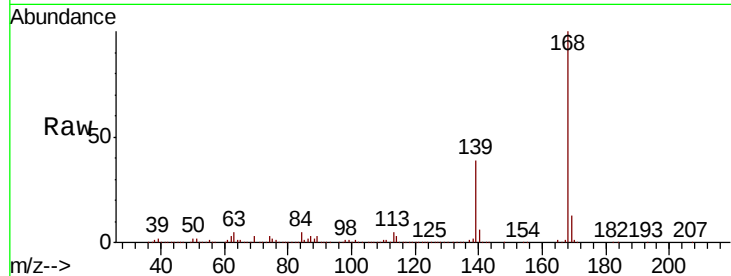
#55
Dibenzofuran
Concen: 34.697 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

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

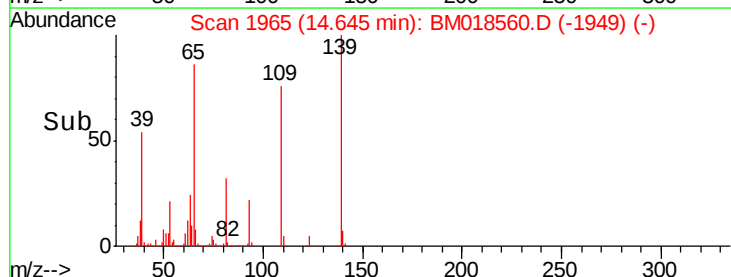
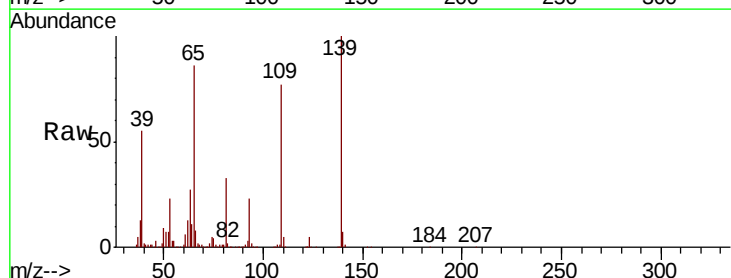
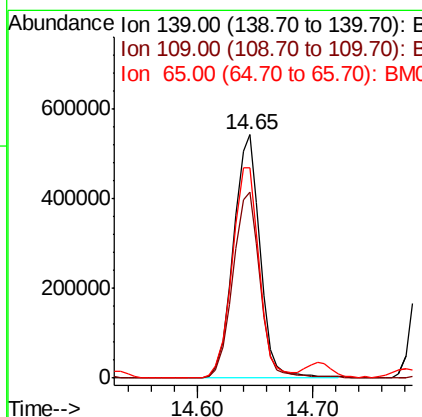
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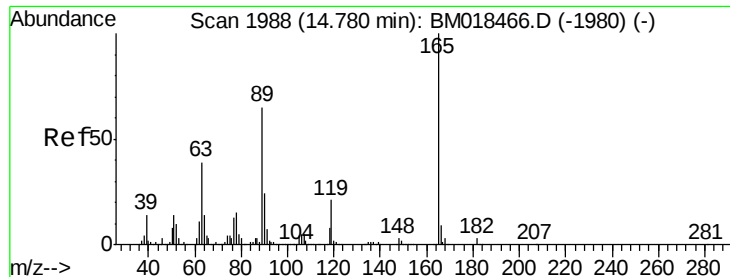
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#56
4-Nitrophenol
Concen: 80.411 ng
RT: 14.65 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.6	51.7	91.7
65	86.5	71.4	111.4





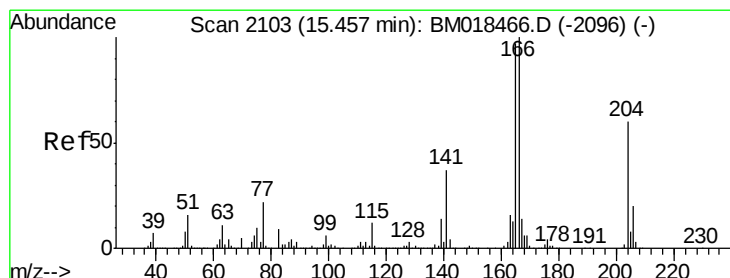
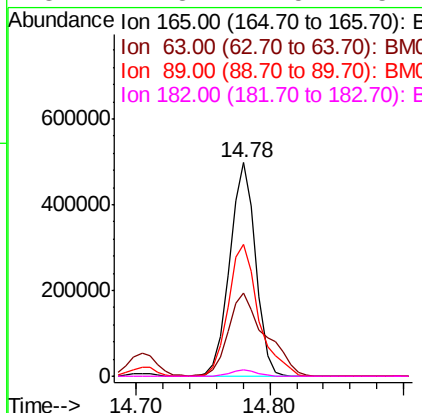
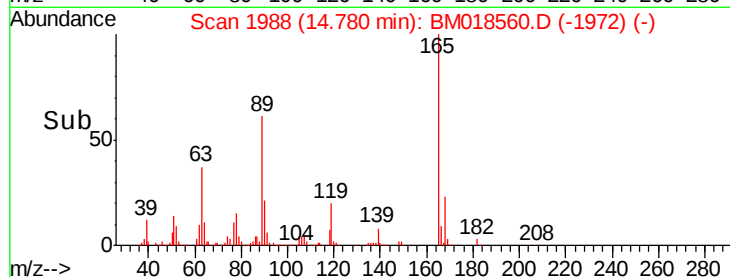
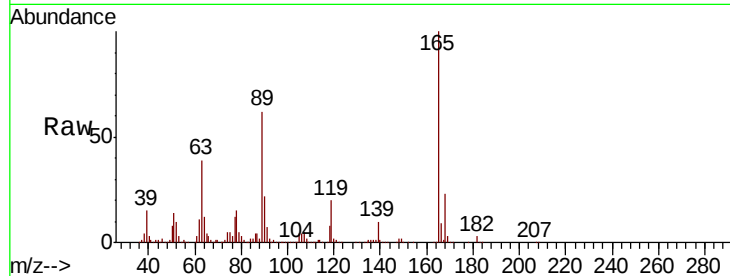
#57
2,4-Dinitrotoluene
Concen: 38.495 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		674130		
63	39.0		32.2	48.2	
89	61.9		52.1	78.1	
182	2.8		2.5	3.7	

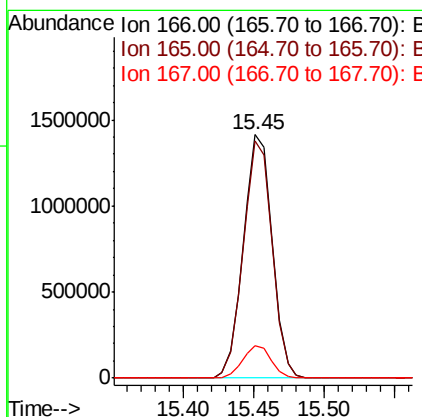
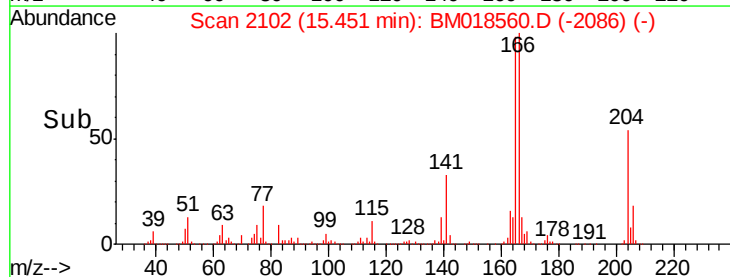
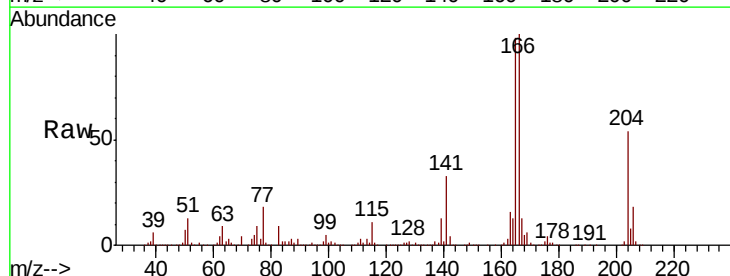
Manual Integrations
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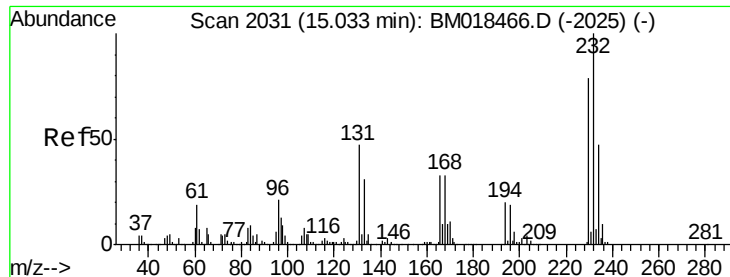
Sohil
1/15/2019 12:20:11 PM



#58
Fluorene
Concen: 38.197 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2019446		
165	97.7		78.3	117.5	
167	13.4		10.9	16.3	





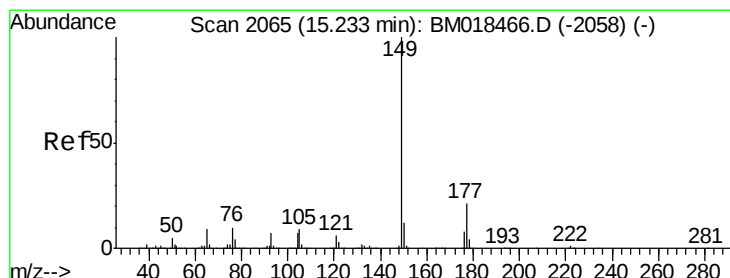
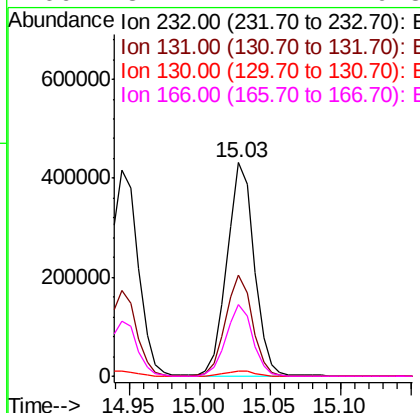
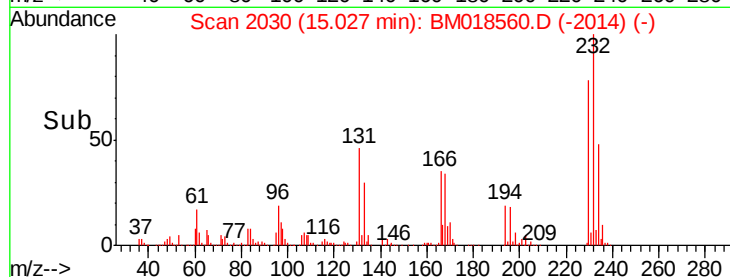
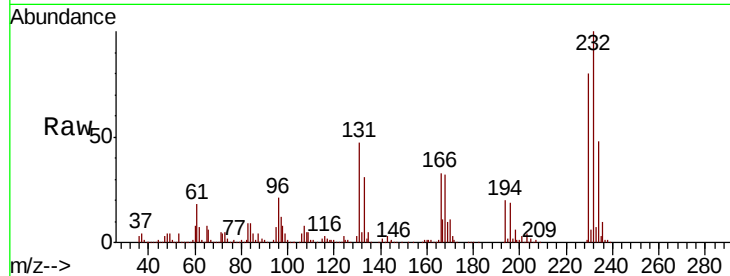
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.027 ng
 RT: 15.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	38.6	57.8
130	2.6	2.2	3.4
166	32.4	27.2	40.8

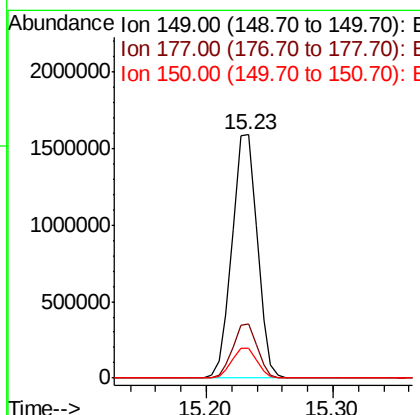
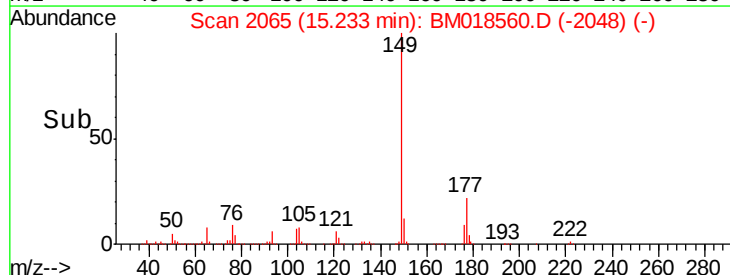
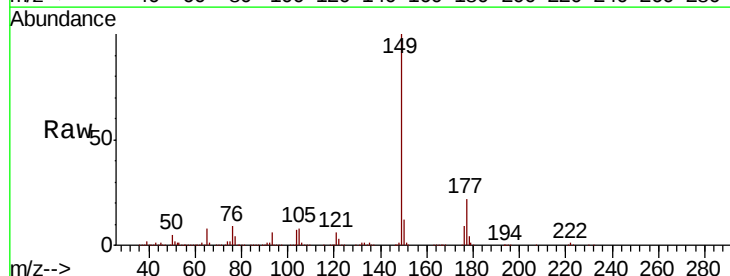
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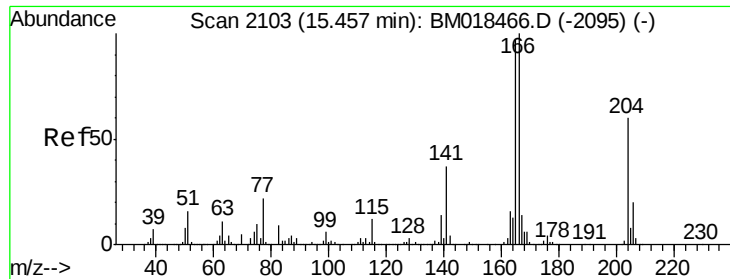
Sohil
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#60
 Diethylphthalate
 Concen: 36.968 ng
 RT: 15.23 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.1	25.7
150	12.5	9.8	14.6





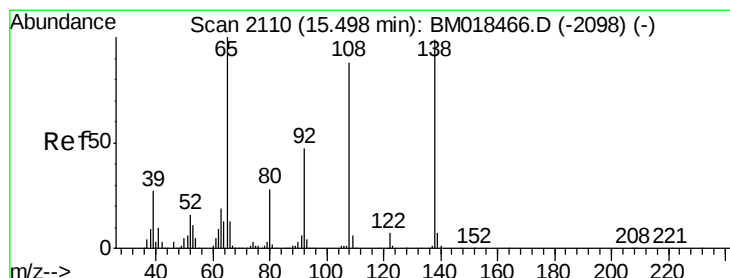
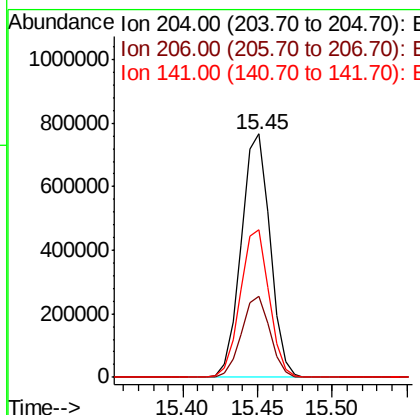
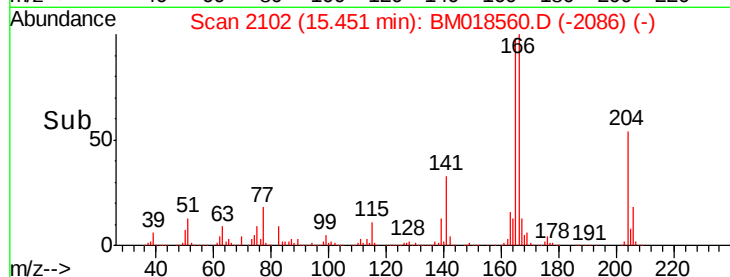
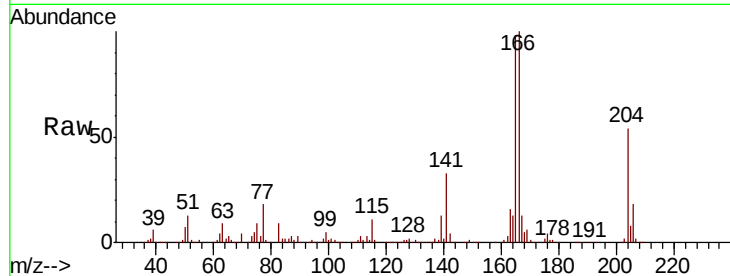
#61
4-Chlorophenyl-phenylether
Concen: 33.654 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion:204 Resp: 1025503
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 60.5 49.5 74.3

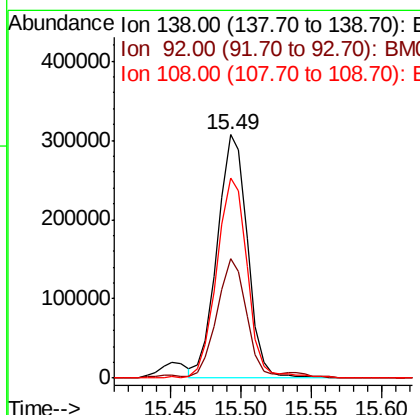
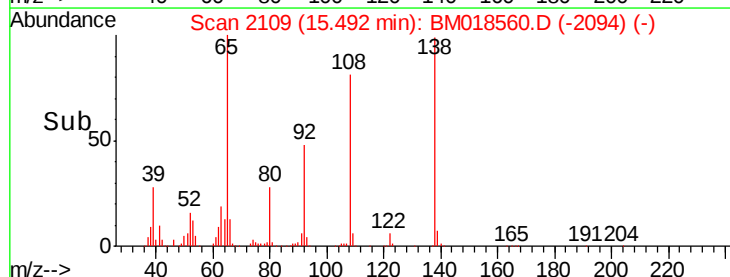
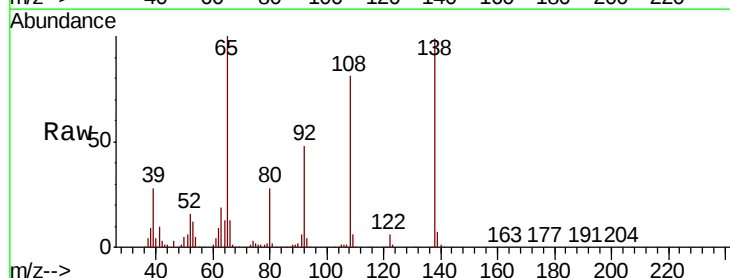
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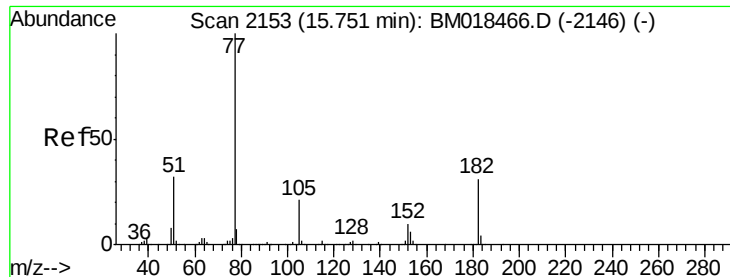
Sohil
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#62
4-Nitroaniline
Concen: 33.457 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion:138 Resp: 455366
Ion Ratio Lower Upper
138 100
92 48.9 29.0 69.0
108 82.0 63.9 103.9





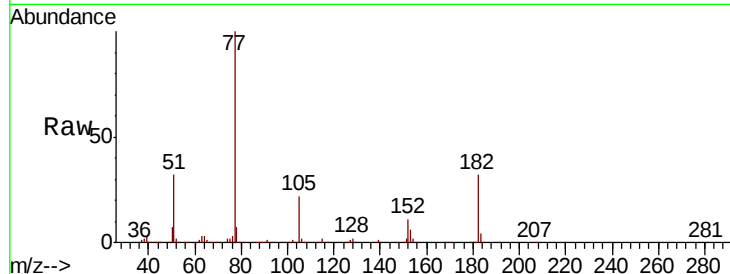
#63
Azobenzene
Concen: 35.382 ng
RT: 15.74 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.0	7.4	47.4
105	21.6	0.0	39.6
51	31.6	12.0	52.0

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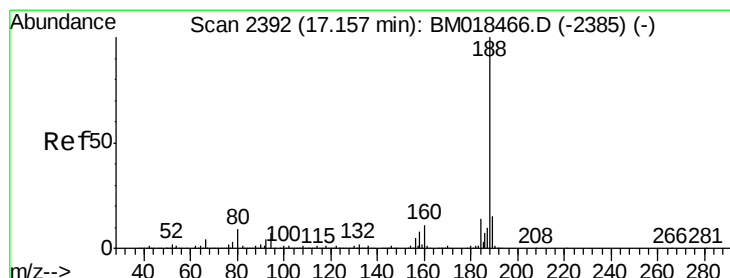
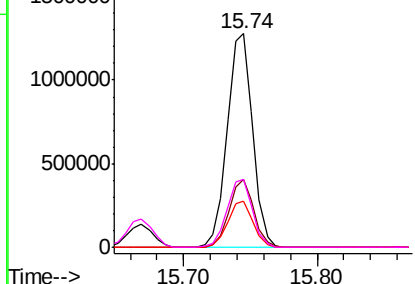
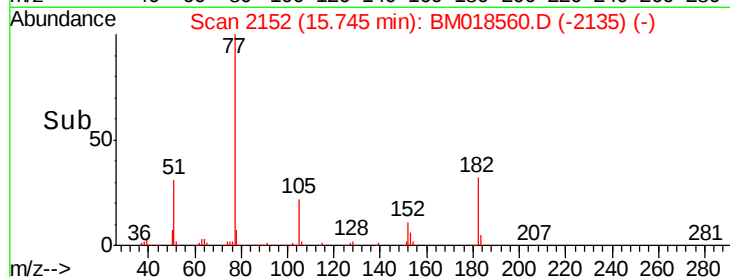
Abundance

Ion 77.00 (76.70 to 77.70): BM018560.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018560.D (-2146) (-)

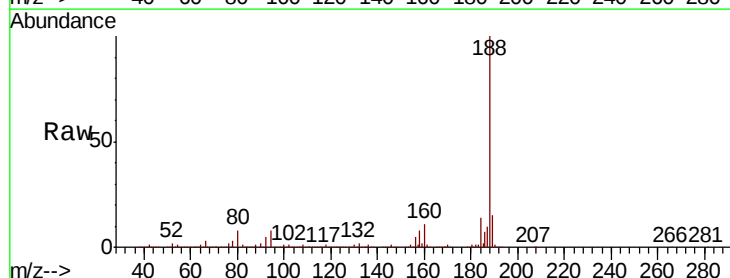
Ion 105.00 (104.70 to 105.70): BM018560.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018560.D (-2146) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.1	10.7
80	8.3	7.6	11.4

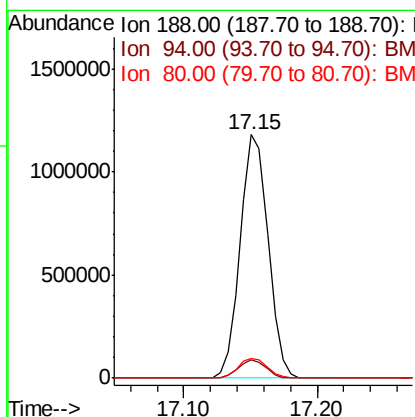
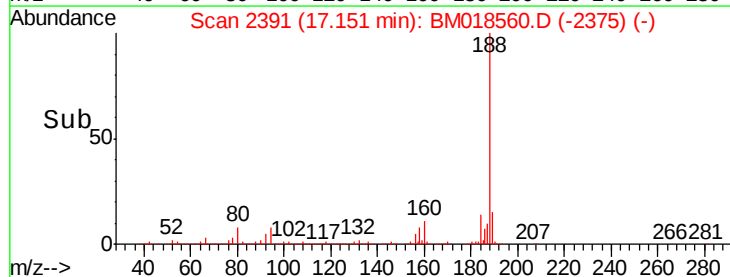


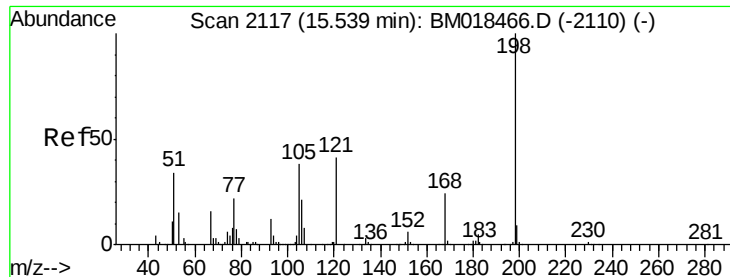
Abundance

Ion 188.00 (187.70 to 188.70): BM018560.D (-2375) (-)

Ion 94.00 (93.70 to 94.70): BM018560.D (-2375) (-)

Ion 80.00 (79.70 to 80.70): BM018560.D (-2375) (-)





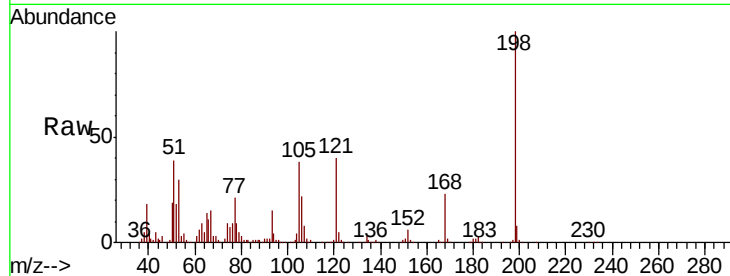
#65
4,6-Dinitro-2-methylphenol
Concen: 35.512 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

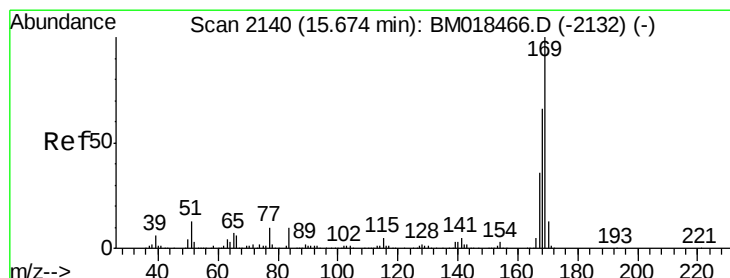
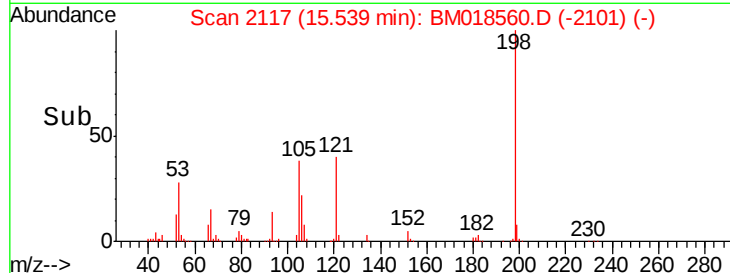
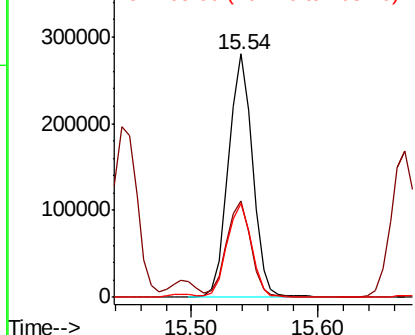
Tot Ion	Ratio	Resp	Lower	Upper
198	100	368281		
51	39.4	29.6	69.6	
105	38.4	25.5	65.5	

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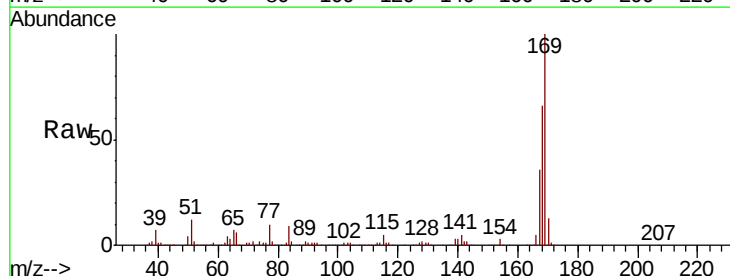


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM018560.D (-2110) (-)
Ion 105.00 (104.70 to 105.70): E

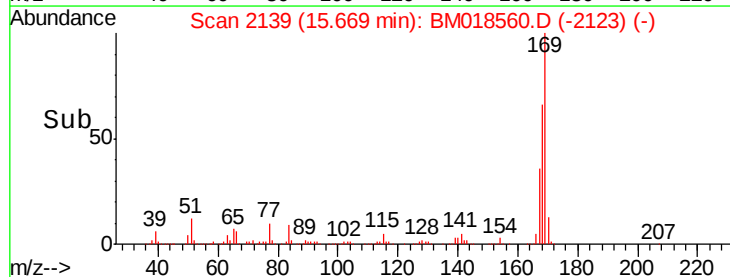
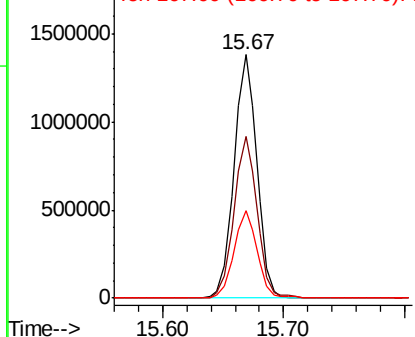


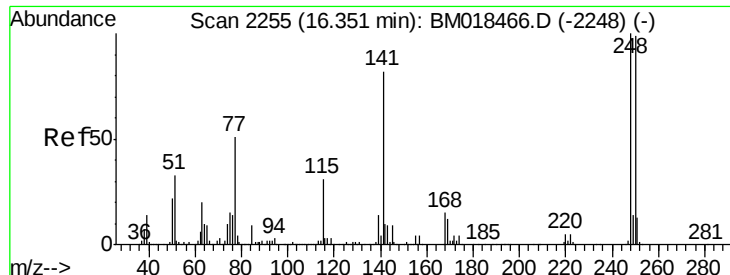
#66
n-Nitrosodiphenylamine
Concen: 34.404 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1817246		
168	66.4	54.1	81.1	
167	36.2	28.6	42.8	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





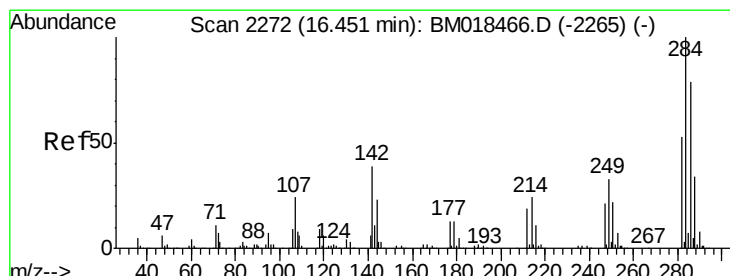
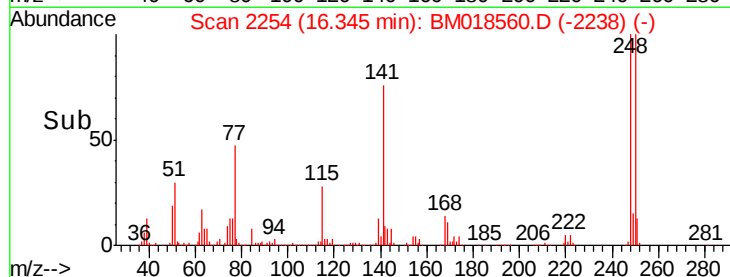
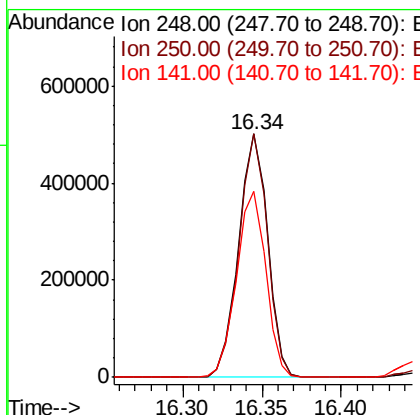
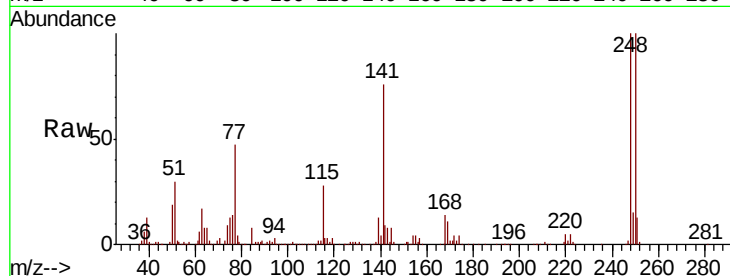
#67
 4-Bromophenyl-phenylether
 Concen: 33.586 ng
 RT: 16.34 min Scan# 2254
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampled :
 PB116317BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.0	114.0
141	76.3	61.5	92.3

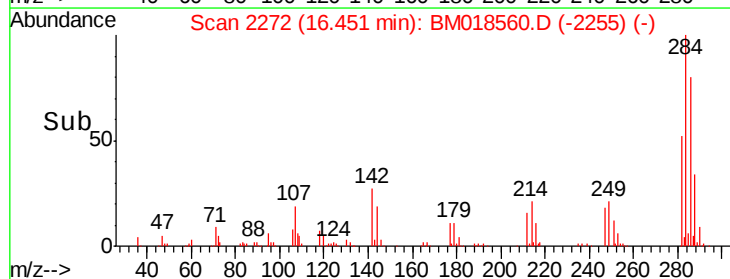
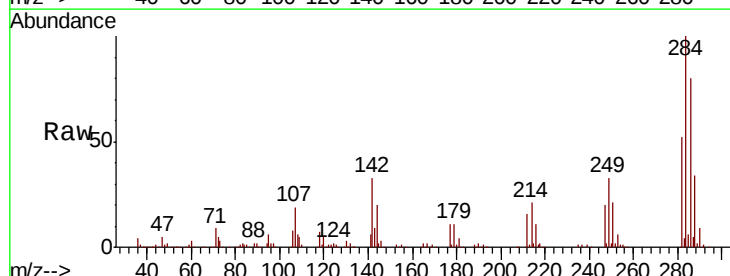
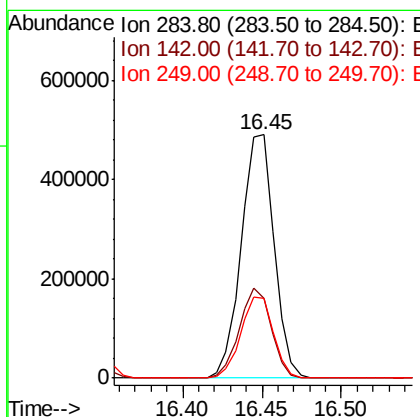
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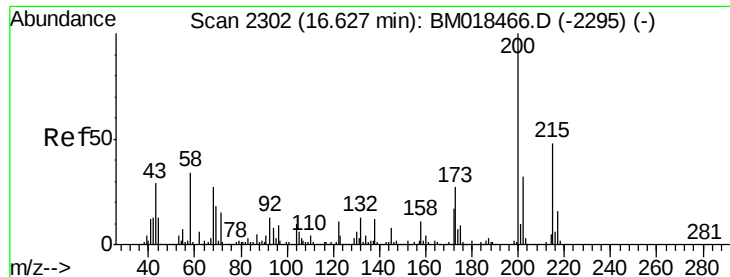
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#68
 Hexachlorobenzene
 Concen: 33.107 ng
 RT: 16.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	29.2	43.8
249	32.7	26.1	39.1





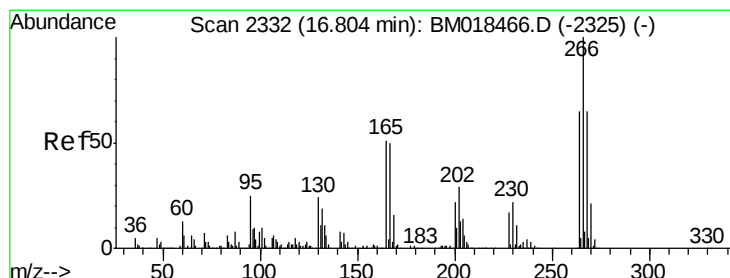
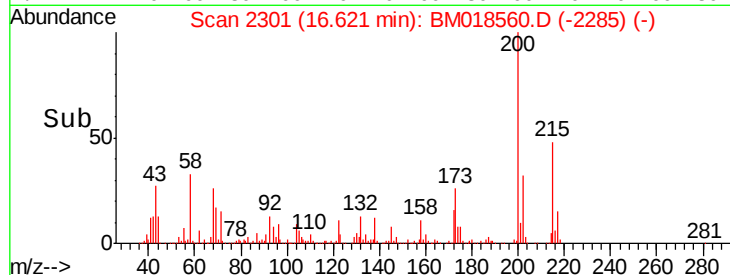
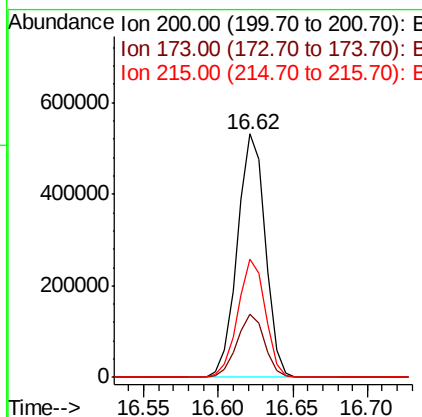
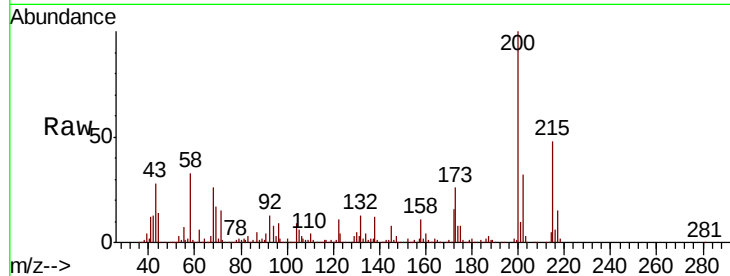
#69
Atrazine
Concen: 36.390 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.2	47.2
215	48.4	28.3	68.3

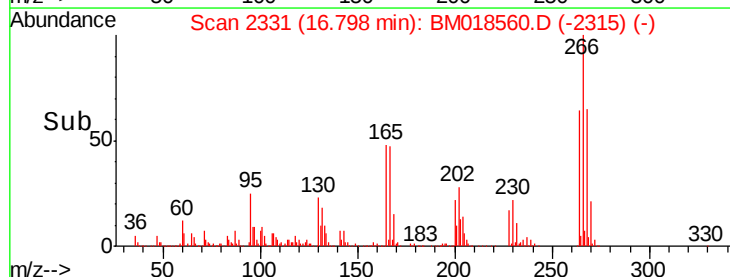
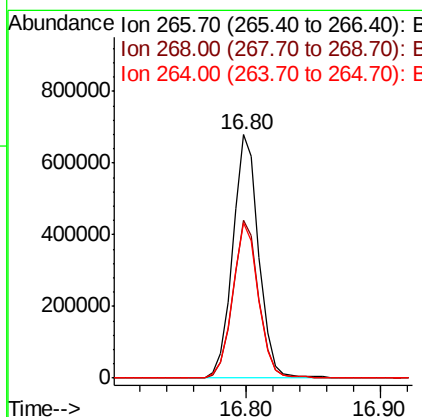
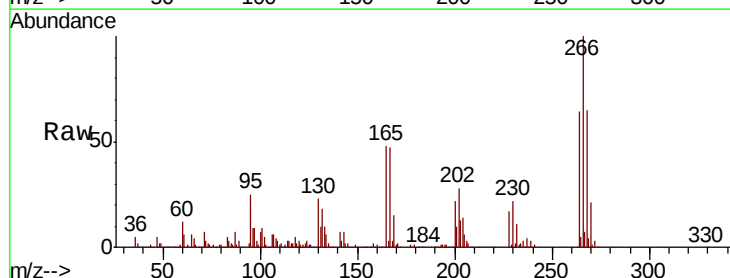
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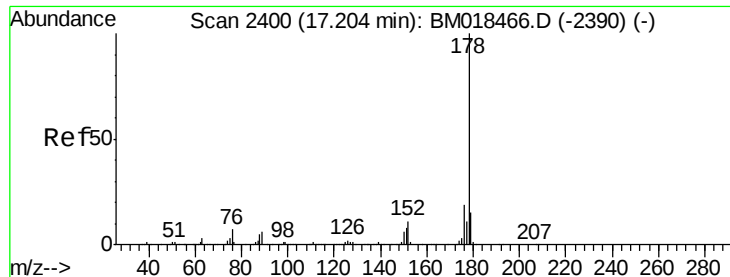
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#70
Pentachlorophenol
Concen: 66.039 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	49.8	74.6
264	63.8	50.1	75.1





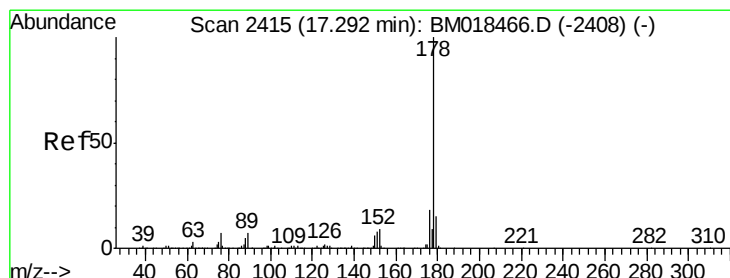
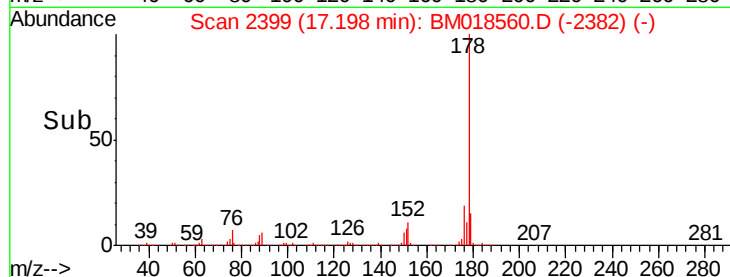
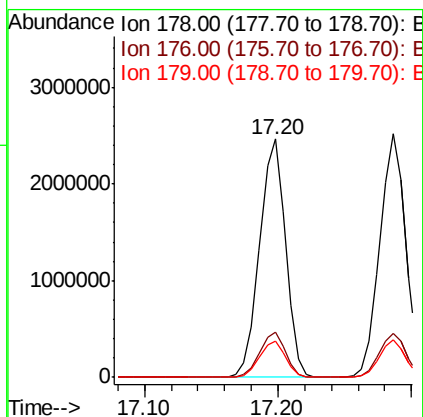
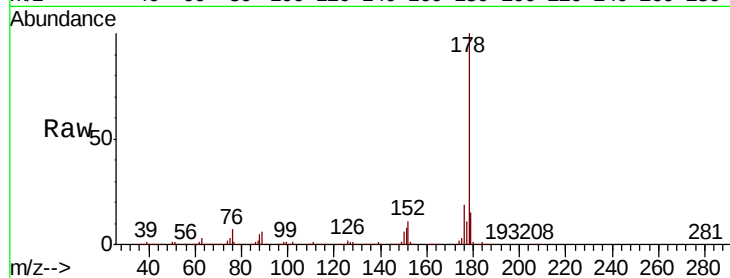
#71
Phenanthrene
Concen: 36.413 ng
RT: 17.20 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.0	15.4	23.0	
179	15.4	12.2	18.4	

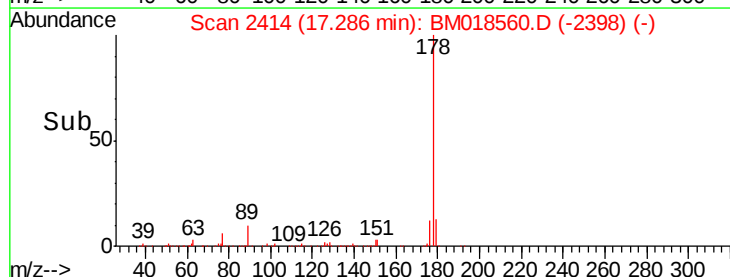
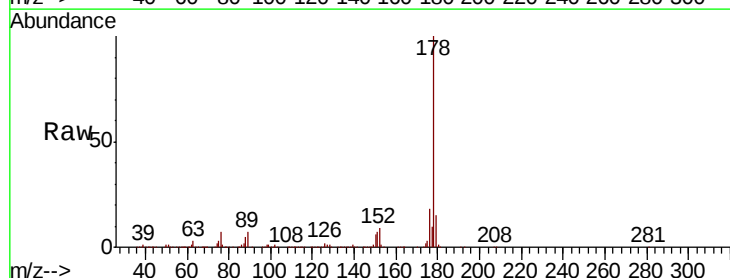
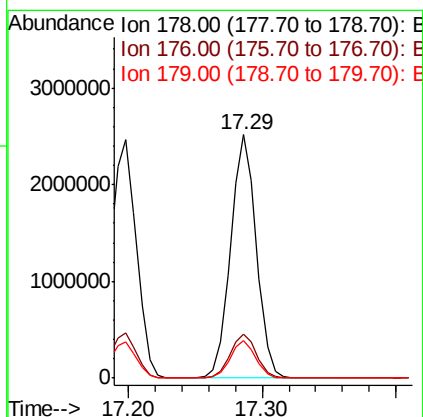
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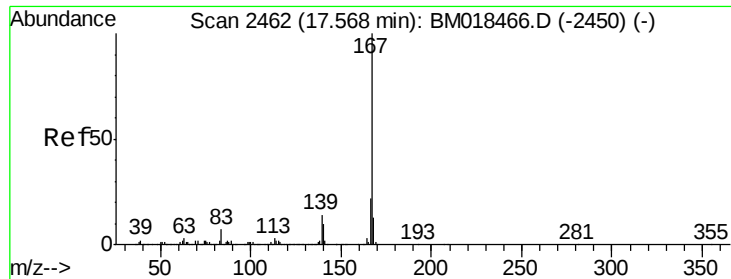
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#72
Anthracene
Concen: 38.712 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.3	14.7	22.1	
179	15.3	12.2	18.4	





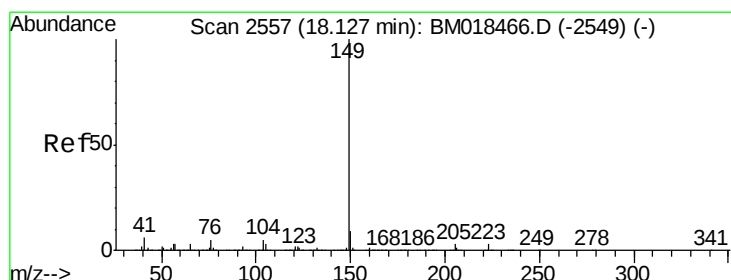
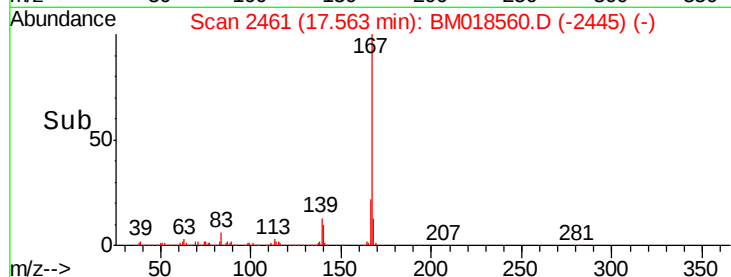
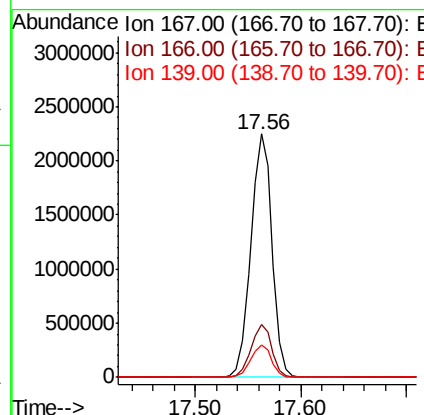
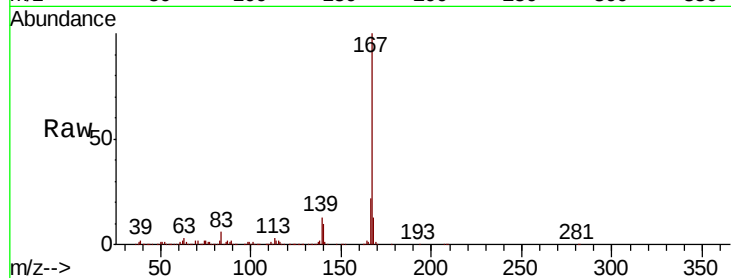
#73
 Carbazole
 Concen: 34.892 ng
 RT: 17.56 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.1	10.6	16.0

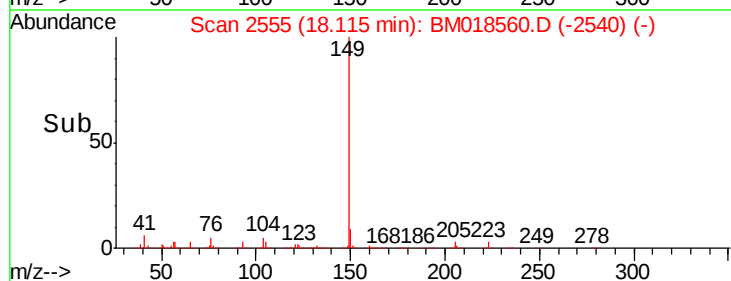
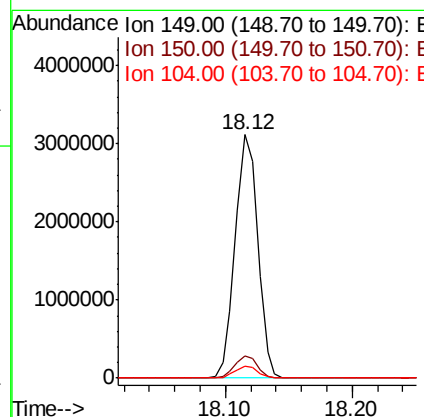
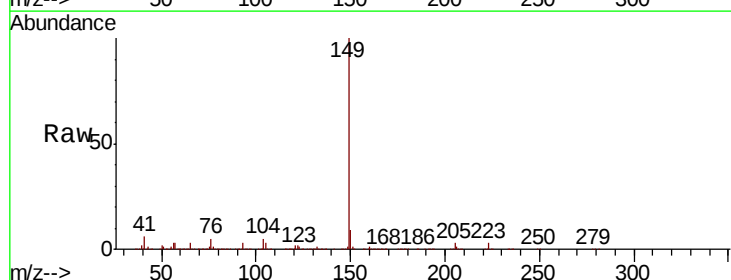
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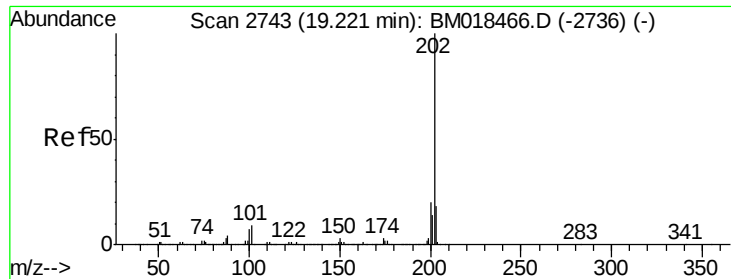
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#74
 Di-n-butylphthalate
 Concen: 39.009 ng
 RT: 18.12 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BM018560.D
 Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 38.700 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

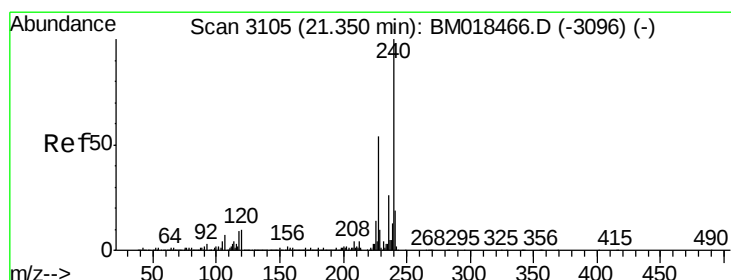
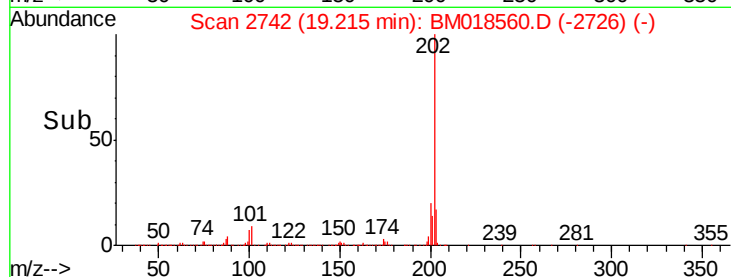
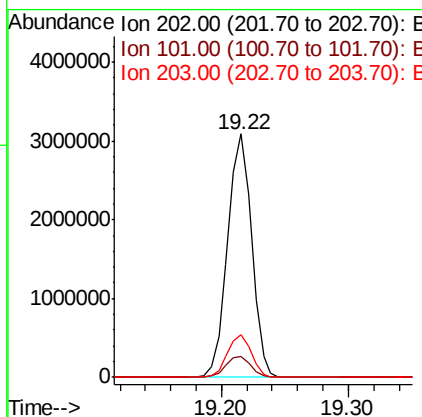
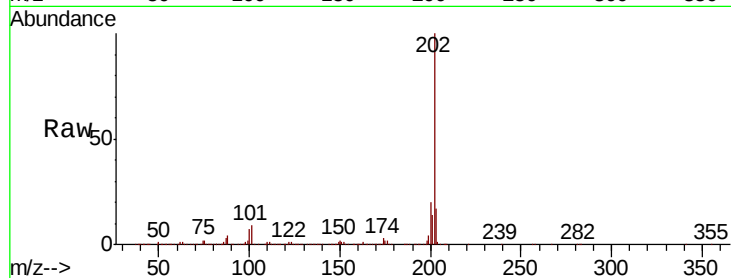
ClientSampleId :

PB116317BS

Tot Ion:	202	Resp:	4041150
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.9
203	17.3	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

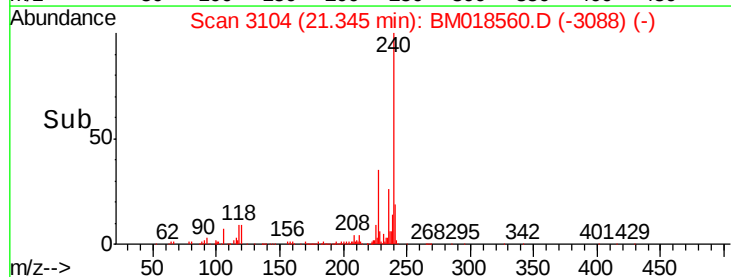
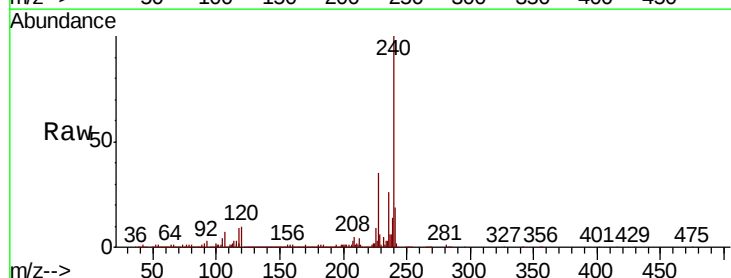
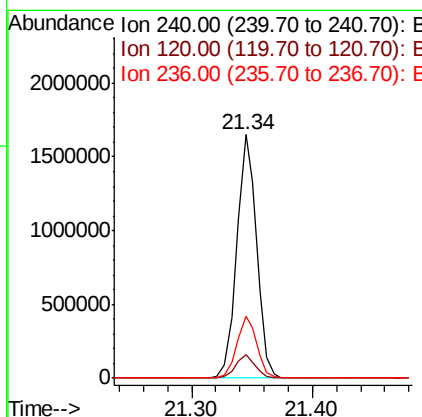
RT: 21.34 min Scan# 3104

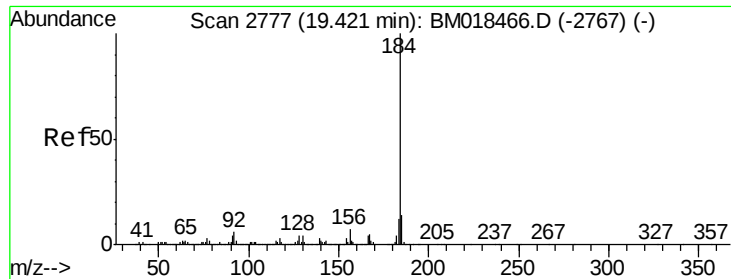
Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Tgt Ion:	240	Resp:	1890185
Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	25.6	20.7	31.1





#77

Benzidine

Concen: 25.567 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:184 Resp: 1193233

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

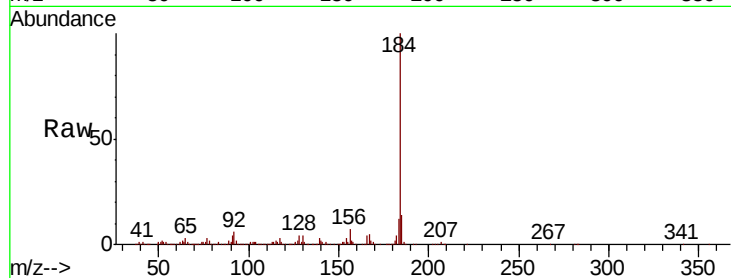
183 11.6 9.5 14.3

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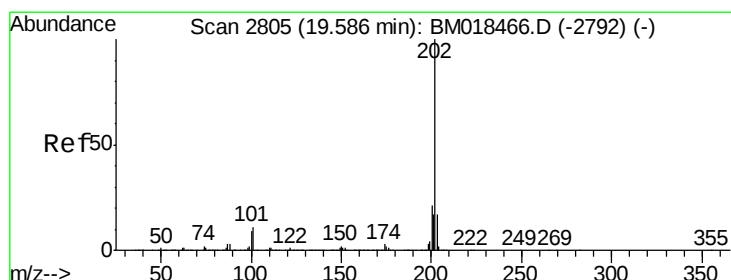
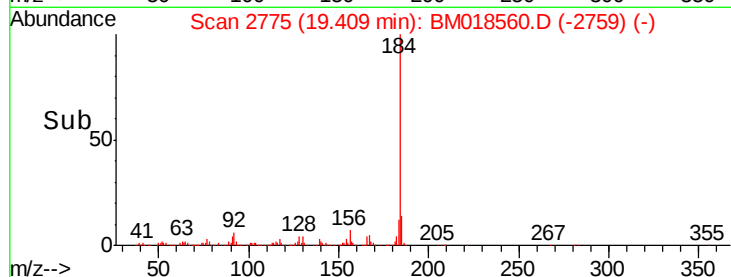
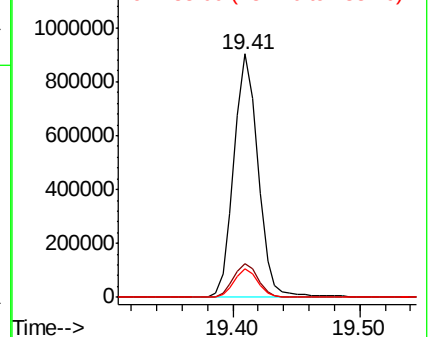


Abundance

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: 36.875 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

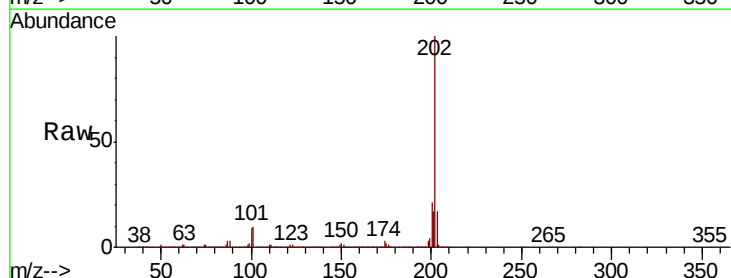
Tgt Ion:202 Resp: 4131467

Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

203 17.3 13.8 20.8

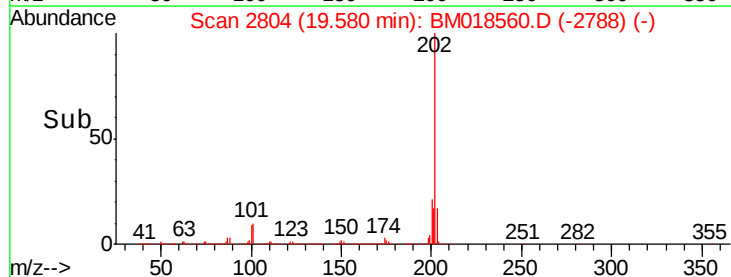
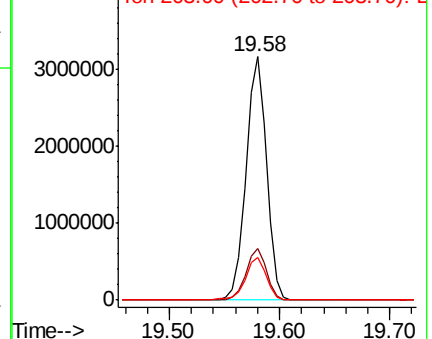


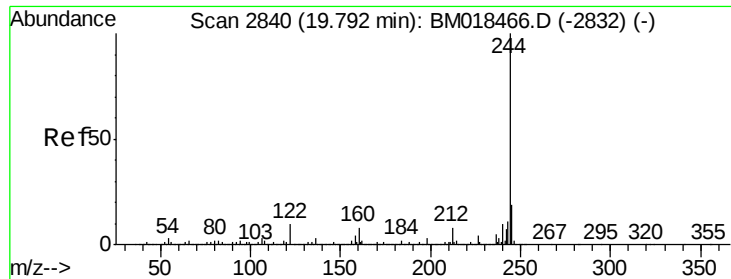
Abundance

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: 69.459 ng

RT: 19.79 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:244 Resp: 6228057

Ion Ratio Lower Upper

244 100

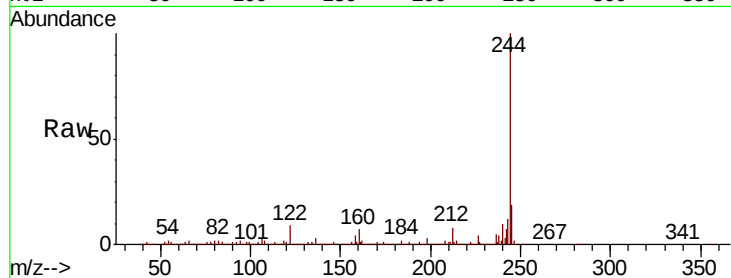
212 7.6 5.9 8.9

122 9.1 9.0 13.4

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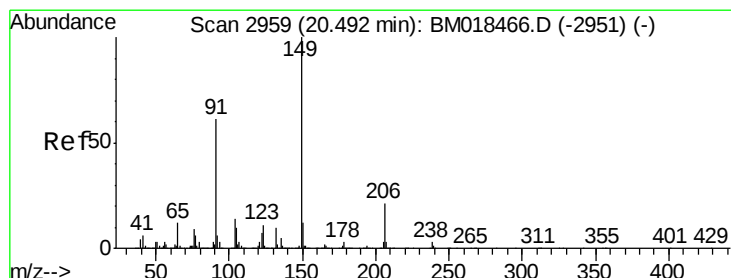
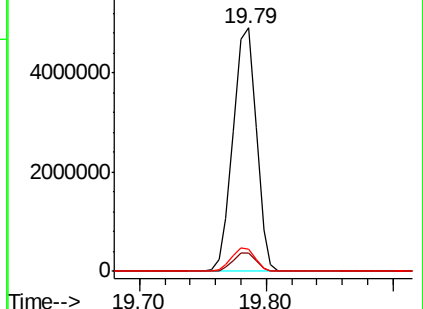
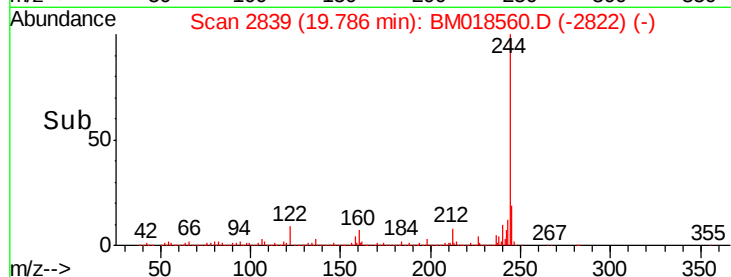
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.861 ng

RT: 20.48 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

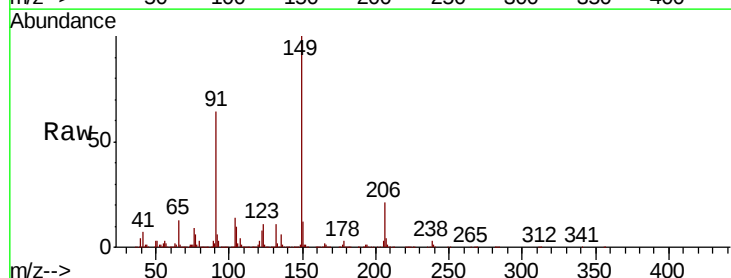
Tgt Ion:149 Resp: 1857911

Ion Ratio Lower Upper

149 100

91 64.3 53.1 79.7

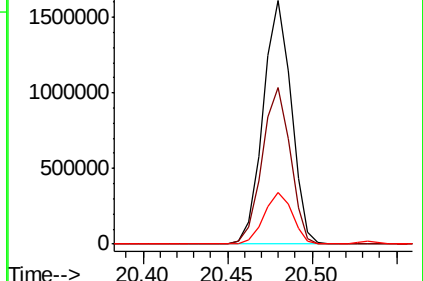
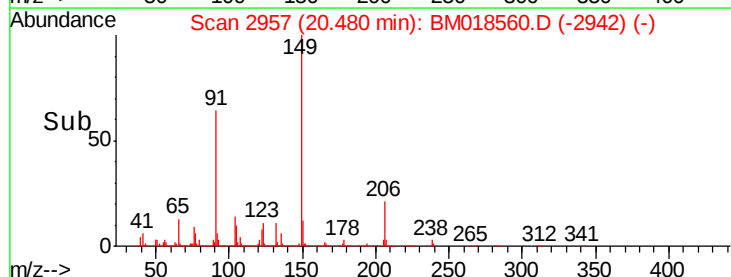
206 21.4 16.2 24.4

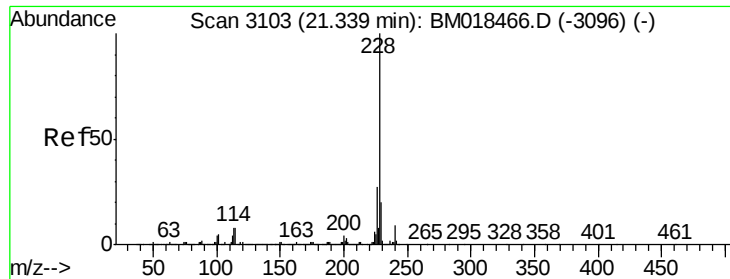


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.485 ng

RT: 21.33 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:228 Resp: 4174057

Ion Ratio Lower Upper

228 100

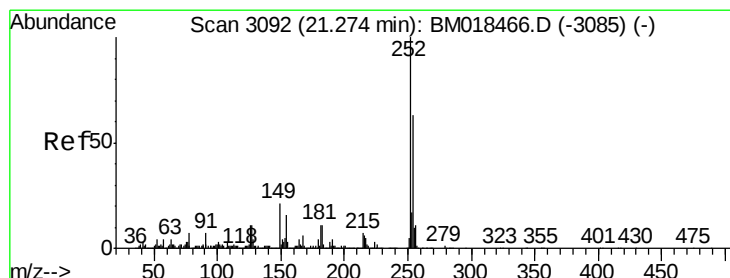
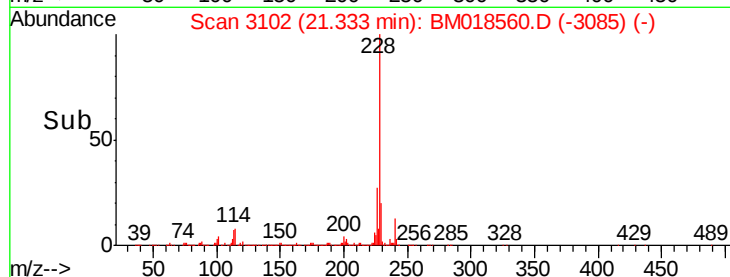
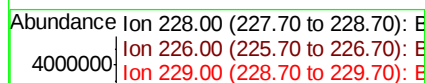
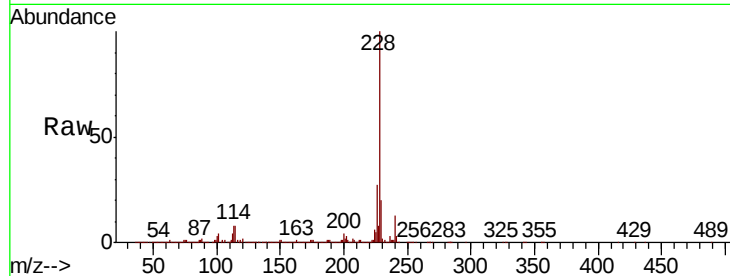
226 27.3 21.8 32.6

229 19.6 15.8 23.8

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#82

3,3'-Dichlorobenzidine

Concen: 17.150 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

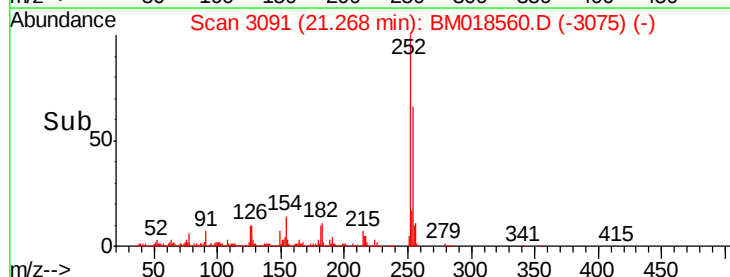
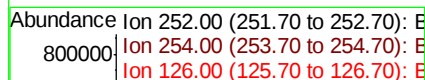
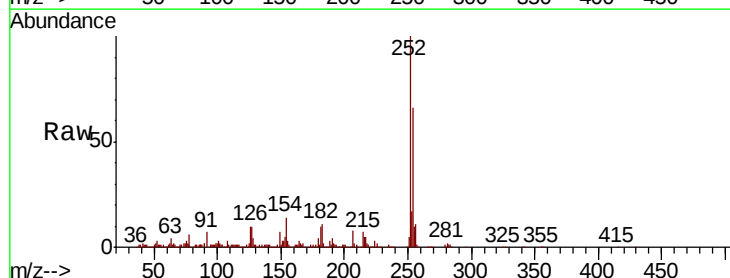
Tgt Ion:252 Resp: 722137

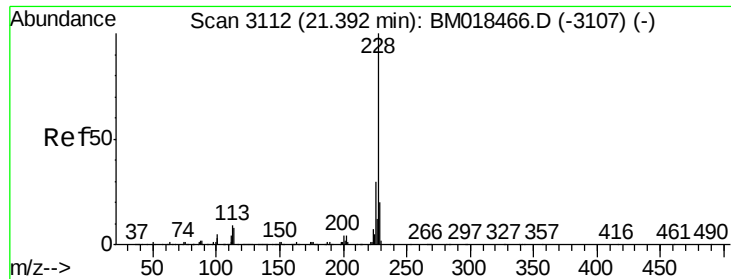
Ion Ratio Lower Upper

252 100

254 65.6 51.4 77.0

126 10.3 8.7 13.1





#83

Chrvsene

Concen: 36.618 ng

RT: 21.38 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:228 Resp: 3937529

Ion Ratio Lower Upper

228 100

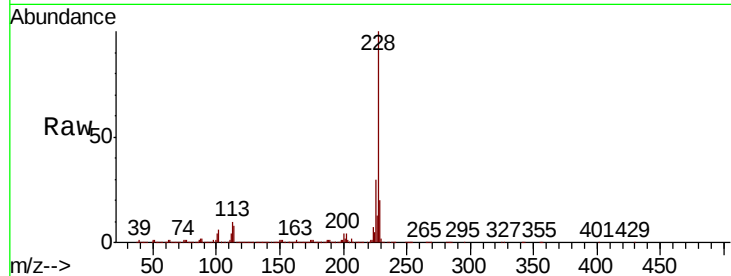
226 30.1 24.2 36.2

229 19.7 15.6 23.4

Manual Integrations
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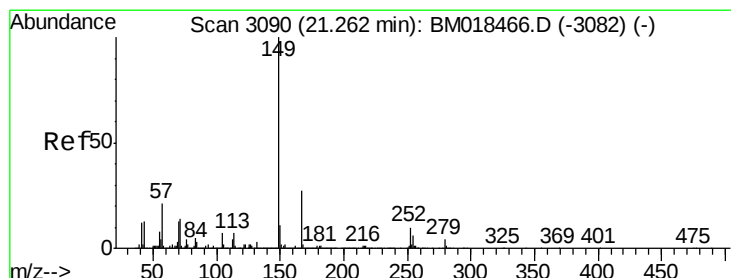
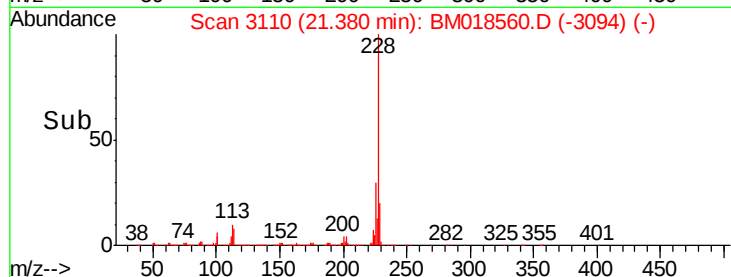
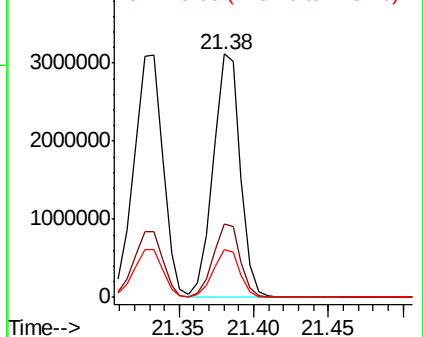


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.441 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

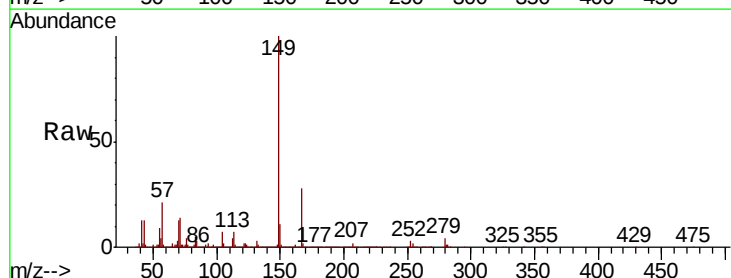
Tgt Ion:149 Resp: 2653831

Ion Ratio Lower Upper

149 100

167 27.8 21.6 32.4

279 4.5 3.3 4.9

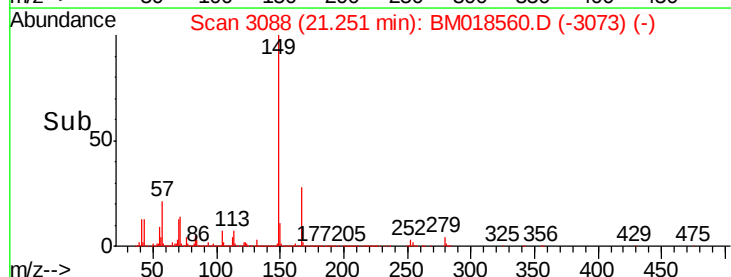
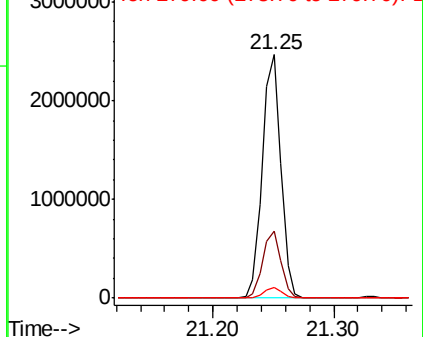


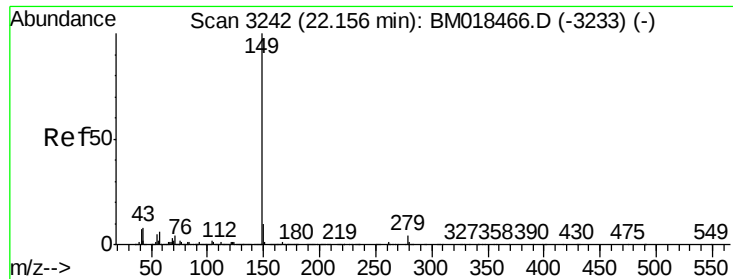
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.546 ng

RT: 22.14 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampled :

PB116317BS

Tot Ion:149 Resp: 4707897

Ion Ratio Lower Upper

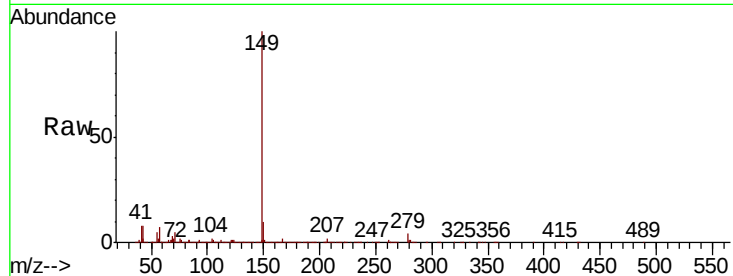
149 100

167 1.6 1.3 1.9

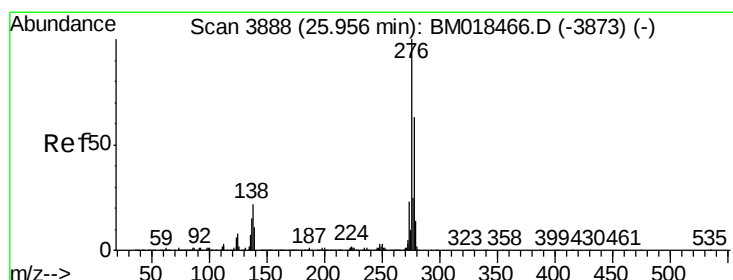
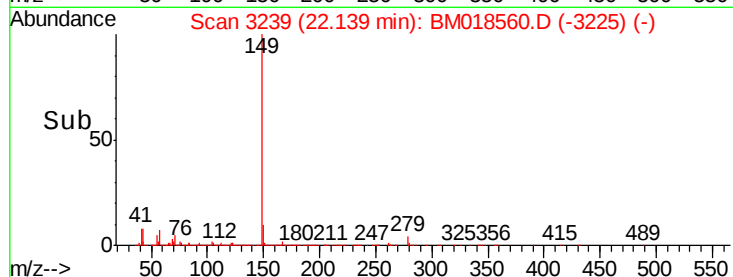
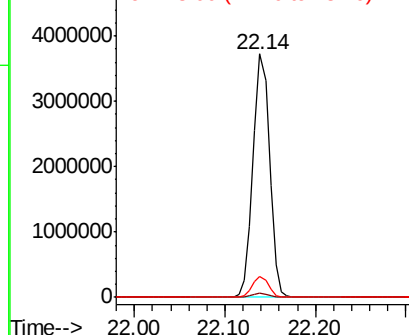
43 8.2 8.6 12.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
5000000 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: 39.385 ng

RT: 25.95 min Scan# 3887

Delta R.T. 0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

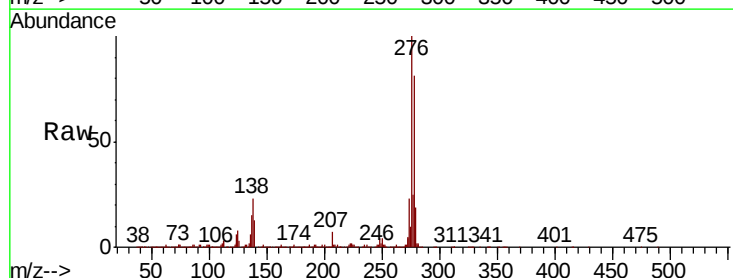
Tgt Ion:276 Resp: 4883491

Ion Ratio Lower Upper

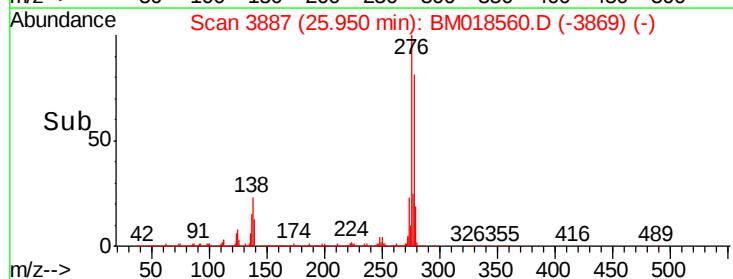
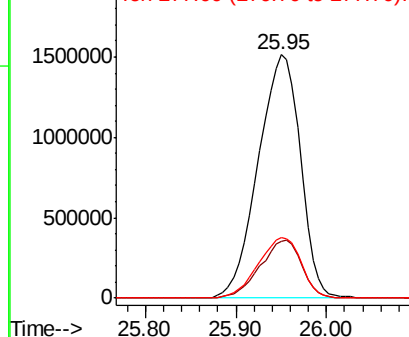
276 100

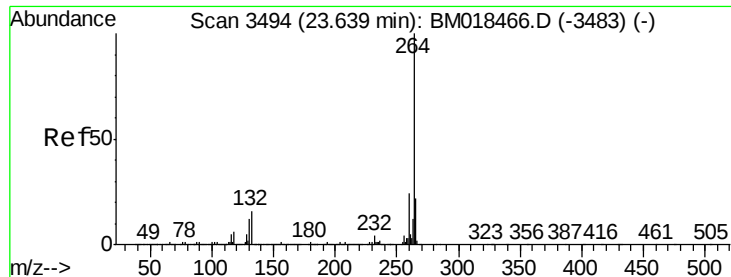
138 23.5 21.5 32.3

277 25.2 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
2000000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





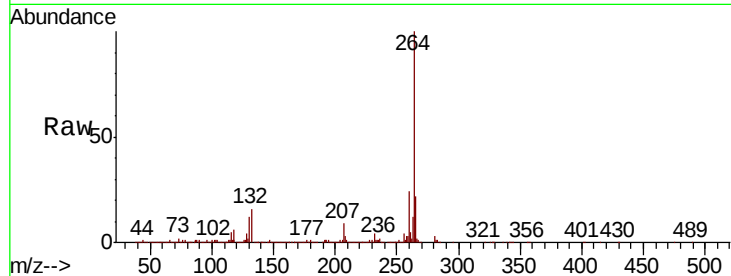
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.7	16.8	25.2

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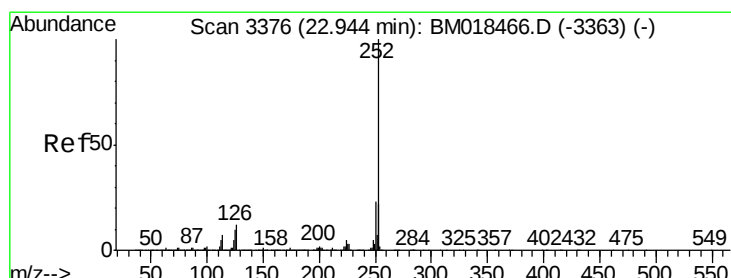
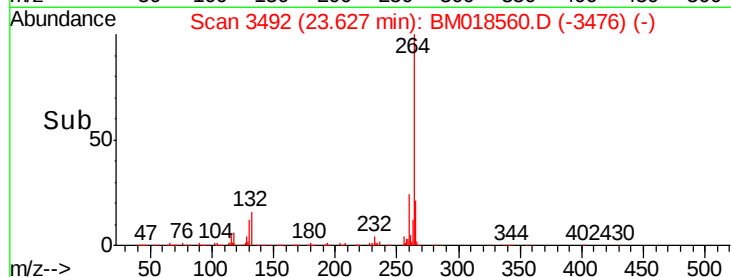
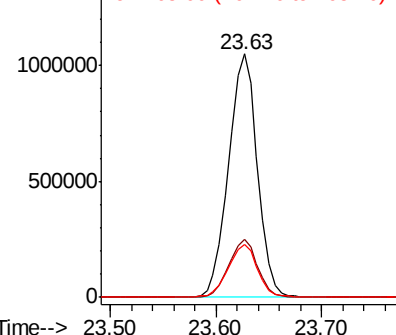


Abundance

Ion 264.00 (263.70 to 264.70): E

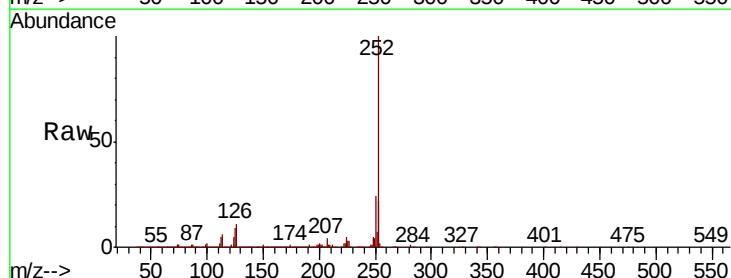
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 38.243 ng
RT: 22.94 min Scan# 3375
Delta R.T. 0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.1	8.5	12.7

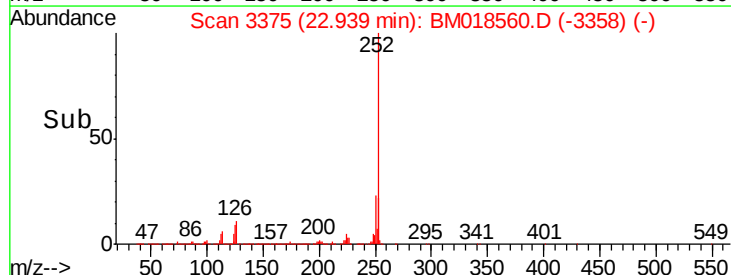
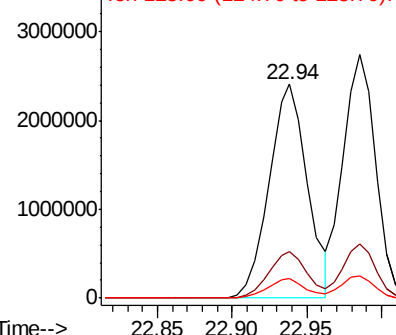


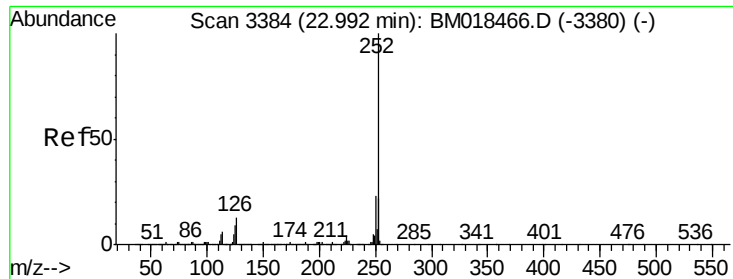
Abundance

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





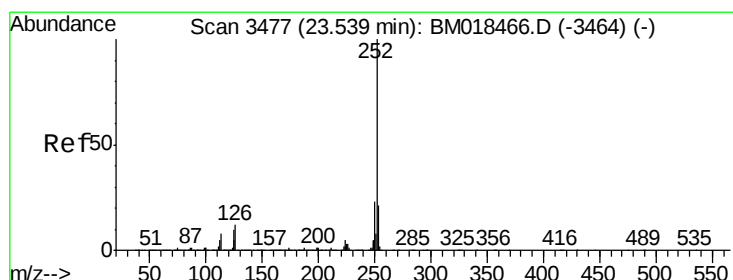
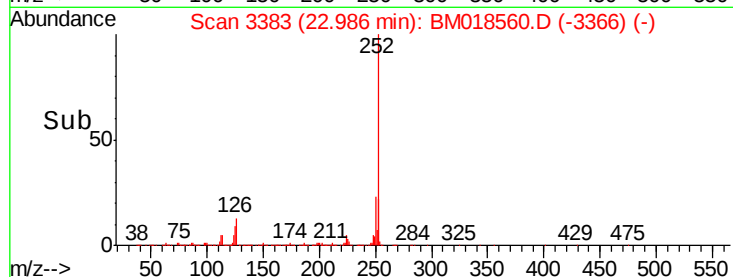
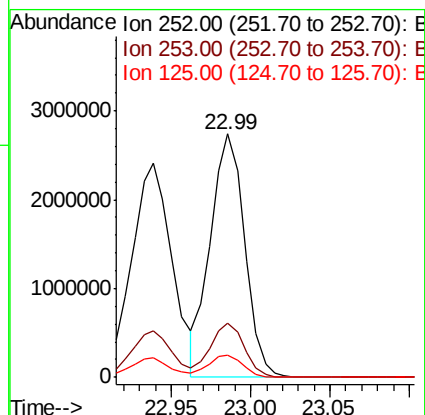
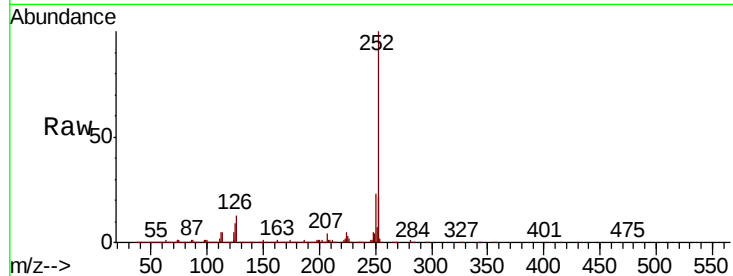
#89
Benzo(k)fluoranthene
Concen: 36.293 ng
RT: 22.99 min Scan# 3383
Delta R.T. 0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion:252 Resp: 4124329
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.0 8.6 12.8

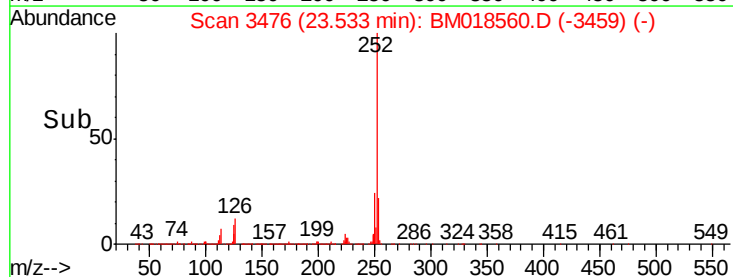
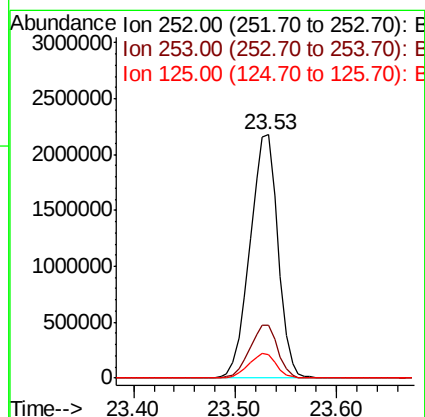
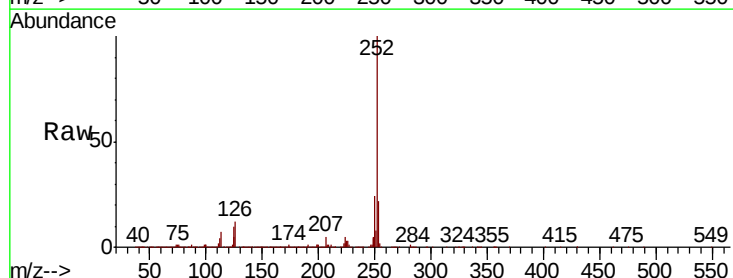
Manual Integrations
APPROVED

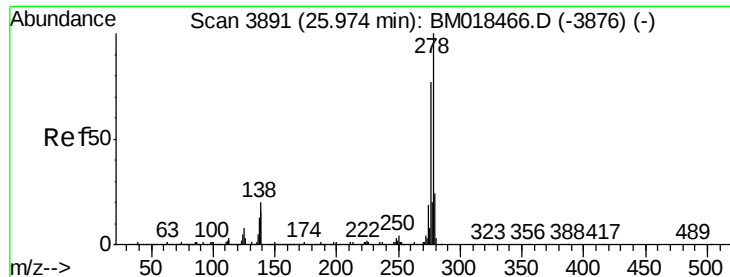
Sohil
1/15/2019 12:20:11 PM



#90
Benzo(a)pyrene
Concen: 38.542 ng
RT: 23.53 min Scan# 3476
Delta R.T. 0.00 min
Lab File: BM018560.D
Acq: 14 Jan 2019 20:23

Tgt Ion:252 Resp: 4160761
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.5 9.7 14.5#





#91

Dibenzo(a,h)anthracene

Concen: 37.518 ng

RT: 25.96 min Scan# 3889

Delta R.T. 0.00 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:278 Resp: 4103887

Ion Ratio Lower Upper

278 100

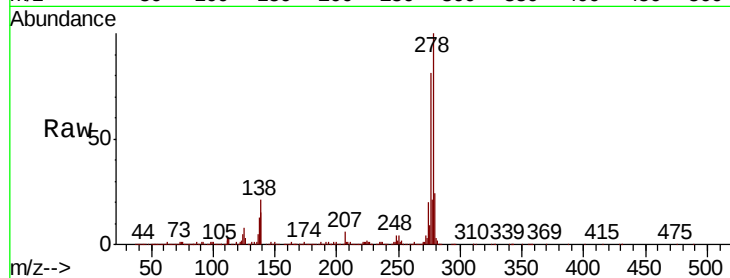
139 15.1 13.2 19.8

279 23.7 19.0 28.4

Manual Integrations
APPROVED

Sohil

1/15/2019 12:20:11 PM

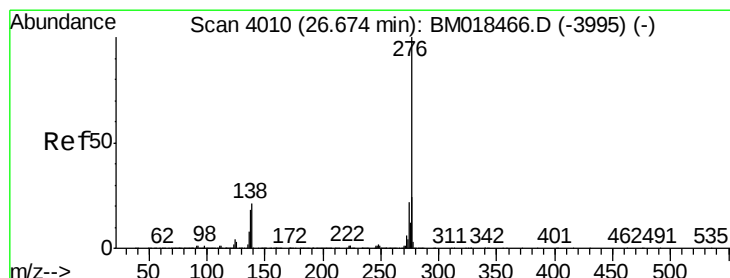
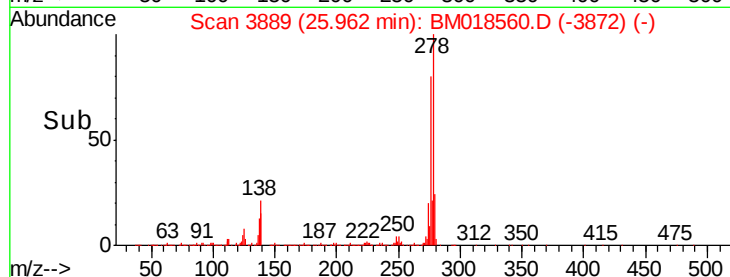
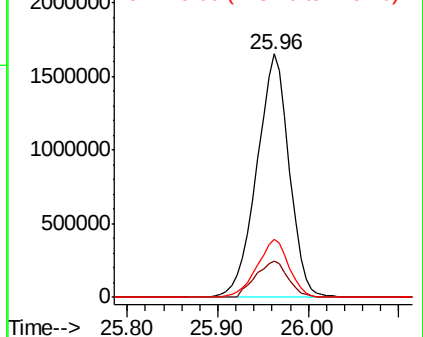


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.249 ng

RT: 26.66 min Scan# 4008

Delta R.T. 0.01 min

Lab File: BM018560.D

Acq: 14 Jan 2019 20:23

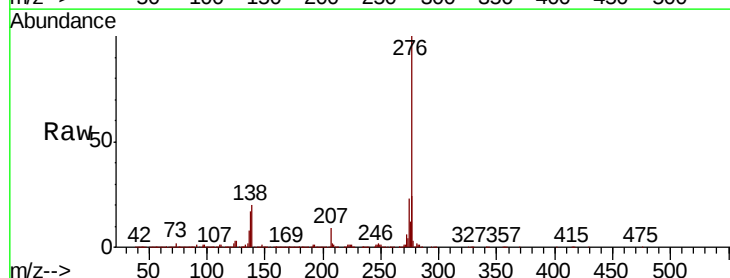
Tgt Ion:276 Resp: 3964920

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 20.1 18.1 27.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

