

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018260.D
 Acq On : 17 Dec 2018 23:07
 Operator : JU/SJ
 Sample : PB115777BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Manual Integrations
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Sohil
 12/18/2018 6:15:18 PM

Quant Time: Dec 18 02:46:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	125658	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	444188	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	204838	20.00	ng	-0.01
64) Phenanthrene-d10	16.91	188	360113	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	362125	20.00	ng	-0.01
87) Perylene-d12	23.29	264	445998	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	569863	75.76	ng	0.00
7) Phenol-d6	6.69	99	719969	68.86	ng	-0.01
23) Nitrobenzene-d5	8.65	82	696506	80.43	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	186464	62.02	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	1324737	83.77	ng	-0.01
79) Terphenyl-d14	19.57	244	1117418	69.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	91872	30.832	ng	99
3) Pyridine	3.51	79	264609	30.185	ng	98
4) n-Nitrosodimethylamine	3.43	42	110414	36.593	ng	# 99
6) Aniline	6.84	93	187316	14.282	ng	99
8) 2-Chlorophenol	7.06	128	287110	32.305	ng	97
9) Benzaldehyde	6.66	77	90884	14.261	ng	98
10) Phenol	6.72	94	352262	31.814	ng	99
11) bis(2-Chloroethyl)ether	6.94	93	264845	30.096	ng	98
12) 1,3-Dichlorobenzene	7.38	146	311572	31.394	ng	98
13) 1,4-Dichlorobenzene	7.53	146	316007	31.356	ng	98
14) 1,2-Dichlorobenzene	7.83	146	302728	31.160	ng	98
15) Benzyl Alcohol	7.75	79	250963	29.458	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.03	45	222182	28.056	ng	93
17) 2-Methylphenol	7.95	107	230090	31.121	ng	96
18) Hexachloroethane	8.54	117	118475	32.073	ng	92
19) n-Nitroso-di-n-propylamine	8.30	70	218275	27.960	ng	99
20) 3+4-Methylphenols	8.28	107	299134	28.874	ng	98
22) Acetophenone	8.32	105	420832	35.801	ng	99
24) Nitrobenzene	8.69	77	325734	37.645	ng	96
25) Isophorone	9.21	82	549327	38.102	ng	98
26) 2-Nitrophenol	9.39	139	140449	33.094	ng	90
27) 2,4-Dimethylphenol	9.46	122	235043	38.428	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	338111	35.978	ng	99
29) 2,4-Dichlorophenol	9.93	162	230749	34.026	ng	98
30) 1,2,4-Trichlorobenzene	10.12	180	274161	35.542	ng	95
31) Naphthalene	10.31	128	802182	36.933	ng	100
32) Benzoic acid	9.62	122	136249m	23.525	ng	
33) 4-Chloroaniline	10.45	127	59759	6.281	ng	99
34) Hexachlorobutadiene	10.57	225	172543	35.367	ng	99
35) Caprolactam	11.25	113	60458m	23.396	ng	
36) 4-Chloro-3-methylphenol	11.58	107	238693	29.293	ng	98
37) 2-Methylnaphthalene	11.93	142	555117	36.242	ng	97
38) 1-Methylnaphthalene	12.16	142	512993	34.322	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	275941	39.175	ng	98

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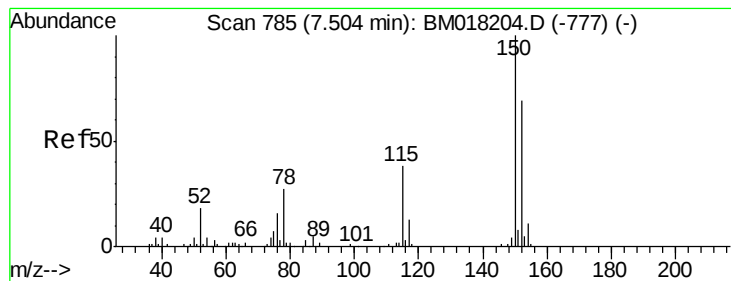
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 QLast Update : Sat Dec 15 21:39:37 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	253275	81.896	ng	98
43) 2,4,6-Trichlorophenol	12.57	196	168266	37.141	ng	93
44) 2,4,5-Trichlorophenol	12.65	196	170120	35.371	ng	97
46) 1,1'-Biphenyl	12.97	154	660536	35.844	ng	98
47) 2-Chloronaphthalene	13.01	162	506881	37.371	ng	97
48) 2-Nitroaniline	13.25	65	141822	33.944	ng	97
49) Acenaphthylene	13.87	152	780930	38.207	ng	98
50) Dimethylphthalate	13.62	163	573775	33.693	ng	98
51) 2,6-Dinitrotoluene	13.75	165	124399	33.229	ng	93
52) Acenaphthene	14.22	154	448224	35.883	ng	99
53) 3-Nitroaniline	14.09	138	55650	14.126	ng	95
54) 2,4-Dinitrophenol	14.31	184	94030	45.533	ng	94
55) Dibenzofuran	14.56	168	689791	34.367	ng	98
56) 4-Nitrophenol	14.42	139	157762	52.817	ng	95
57) 2,4-Dinitrotoluene	14.56	165	162856	31.472	ng	89
58) Fluorene	15.21	166	541728	34.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.79	232	140094	32.343	ng	# 97
60) Diethylphthalate	15.00	149	561488	30.552	ng	98
61) 4-Chlorophenyl-phenylether	15.21	204	283420	32.327	ng	97
62) 4-Nitroaniline	15.26	138	89245	23.874	ng	87
63) Azobenzene	15.50	77	572390	34.158	ng	98
65) 4,6-Dinitro-2-methylphenol	15.33	198	68589	25.872	ng	96
66) n-Nitrosodiphenylamine	15.43	169	461223	38.731	ng	99
67) 4-Bromophenyl-phenylether	16.11	248	161072	36.932	ng	98
68) Hexachlorobenzene	16.22	284	174287	36.477	ng	99
69) Atrazine	16.40	200	153474	38.176	ng	97
70) Pentachlorophenol	16.57	266	184065	58.331	ng	98
71) Phenanthrene	16.96	178	738583	37.759	ng	98
72) Anthracene	17.04	178	754578	38.885	ng	99
73) Carbazole	17.33	167	624387	31.348	ng	99
74) Di-n-butylphthalate	17.90	149	807079	32.840	ng	99
75) Fluoranthene	18.99	202	748061	32.893	ng	98
77) Benzidine	19.20	184	327228	35.635	ng	98
78) Pyrene	19.35	202	776956	36.008	ng	99
80) Butylbenzylphthalate	20.28	149	331655	32.309	ng	97
81) Benzo(a)anthracene	21.12	228	792933	37.485	ng	99
82) 3,3'-Dichlorobenzidine	21.06	252	251620	29.774	ng	96
83) Chrysene	21.17	228	757821	37.246	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	483294	31.591	ng	97
85) Di-n-octyl phthalate	21.92	149	852303	34.018	ng	100
86) Indeno(1,2,3-cd)pyrene	25.43	276	1197706	59.094	ng	99
88) Benzo(b)fluoranthene	22.66	252	898114	35.849	ng	99
89) Benzo(k)fluoranthene	22.70	252	900545	36.094	ng	98
90) Benzo(a)pyrene	23.20	252	913491	38.338	ng	98
91) Dibenzo(a,h)anthracene	25.44	278	1015951	46.029	ng	97
92) Benzo(g,h,i)perylene	26.08	276	1009555	48.387	ng	97

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



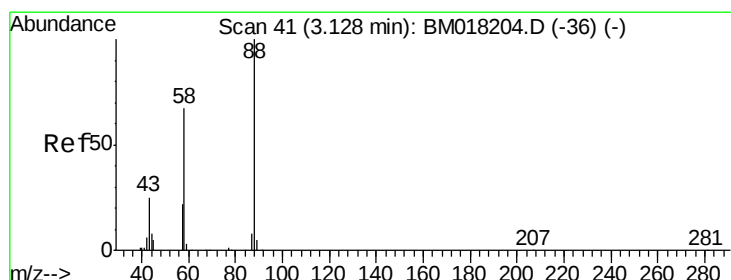
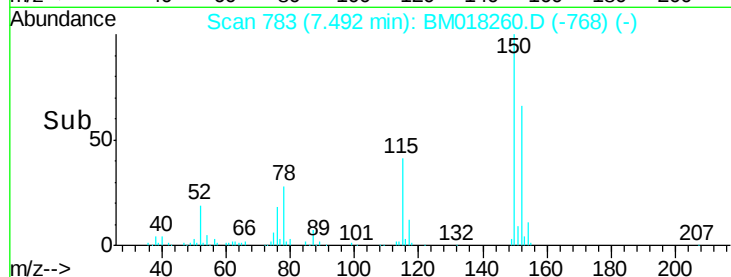
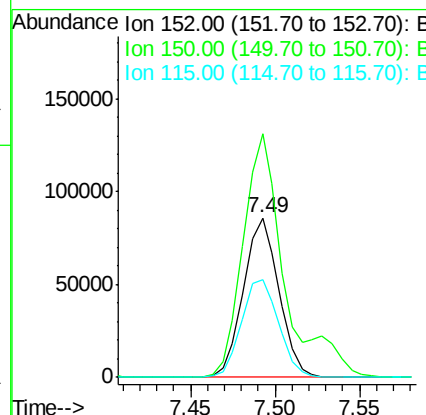
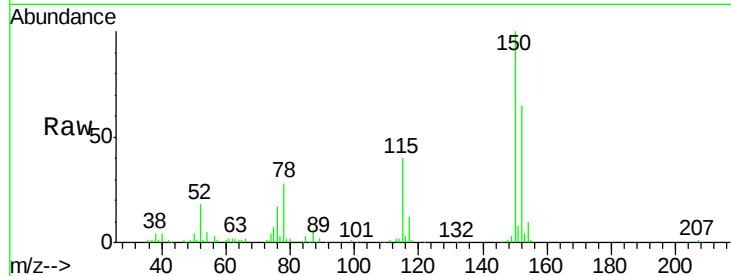
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.8	116.1	174.1
115	61.5	44.6	67.0

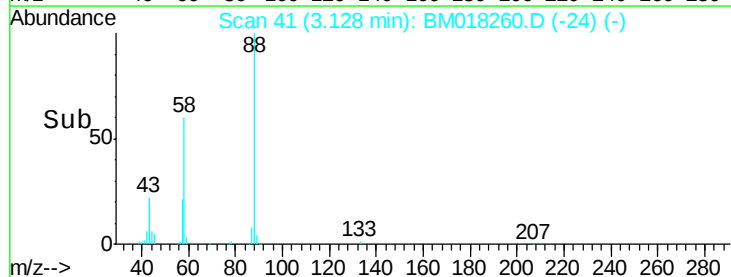
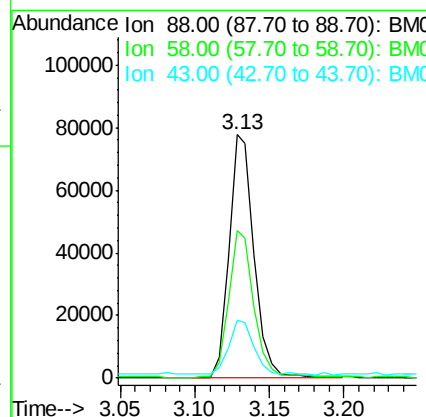
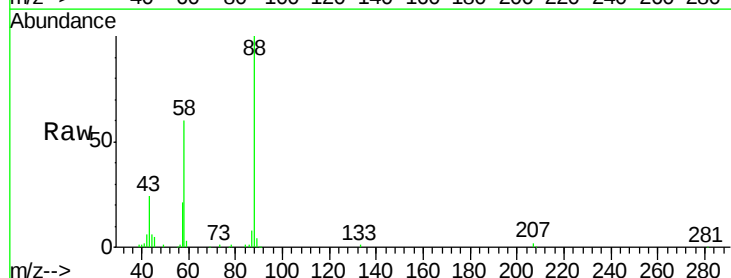
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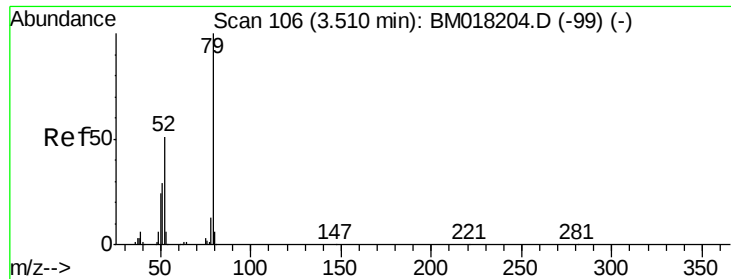
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#2
 1,4-Dioxane
 Concen: 30.832 ng
 RT: 3.13 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	49.8	74.6
43	22.1	19.1	28.7





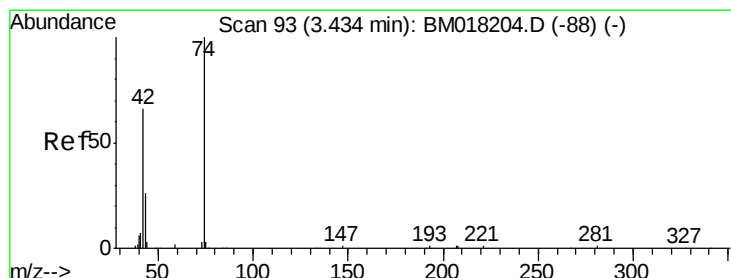
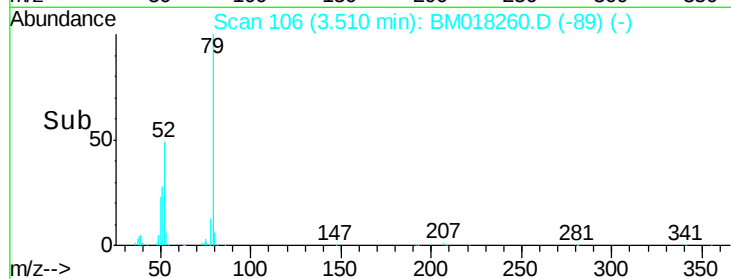
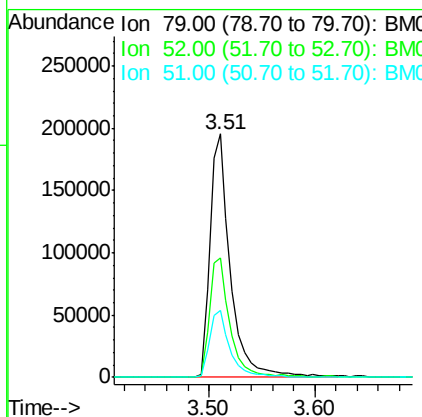
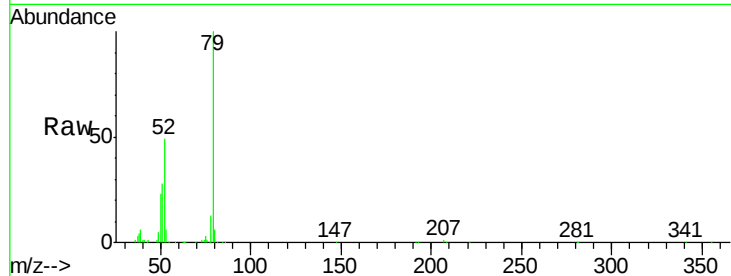
#3
 Pyridine
 Concen: 30.185 ng
 RT: 3.51 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampled :
 PB115777BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	49.0	40.7	61.1
51	27.7	23.0	34.6

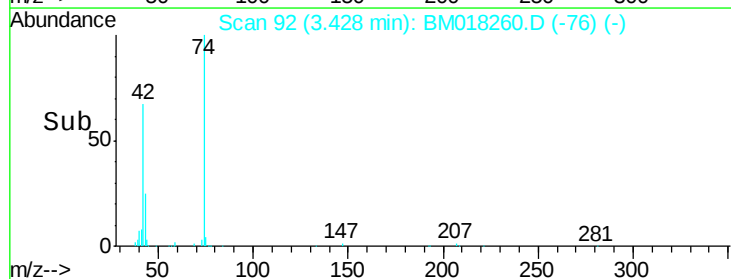
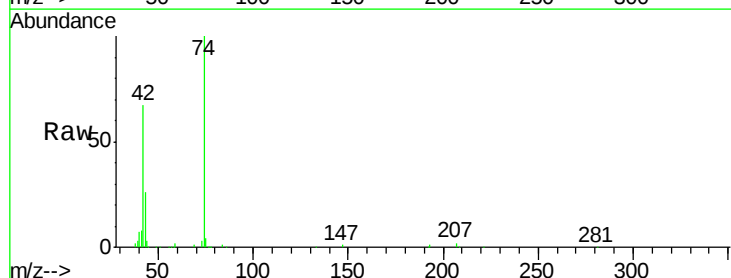
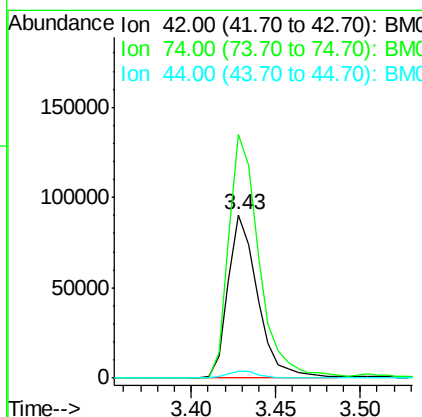
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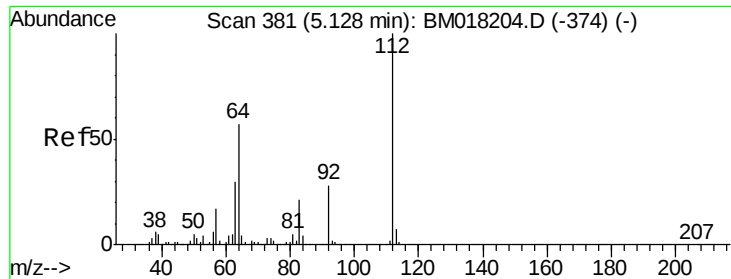
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#4
 n-Nitrosodimethylamine
 Concen: 36.593 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.3	120.4	180.6
44	4.3	4.6	7.0





#5

2-Fluorophenol

Concen: 75.757 ng

RT: 5.13 min Scan# 381

Delta R.T. -0.00 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

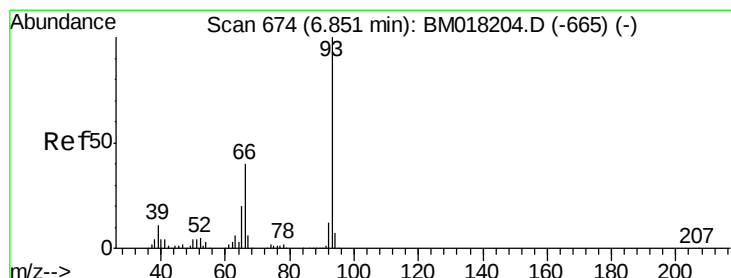
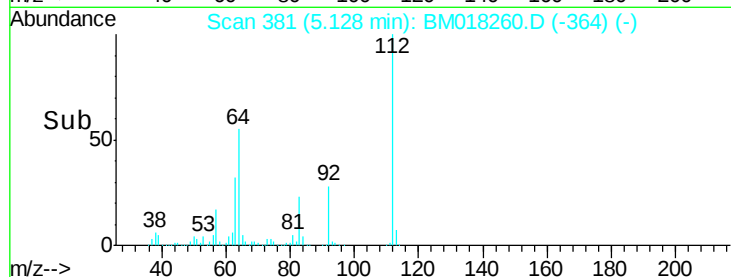
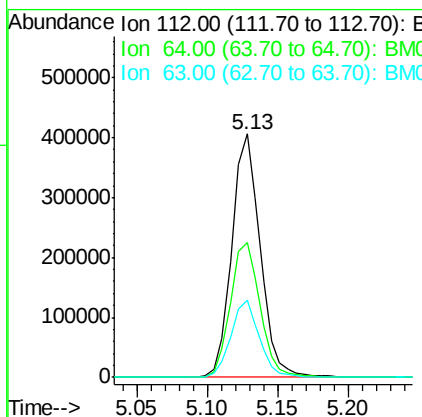
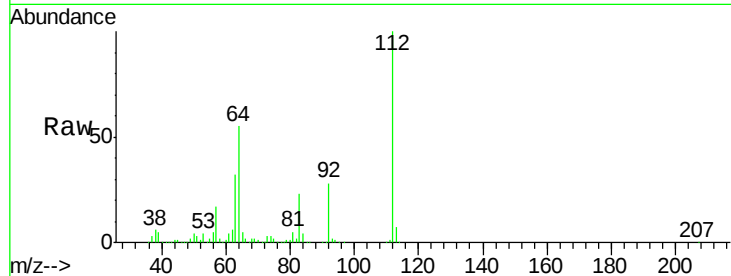
ClientSampled :

PB115777BS

Tgt Ion:	112	Resp:	569863
Ion Ratio	Lower	Upper	
112	100		
64	55.2	45.4	68.2
63	31.6	24.0	36.0

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#6

Aniline

Concen: 14.282 ng

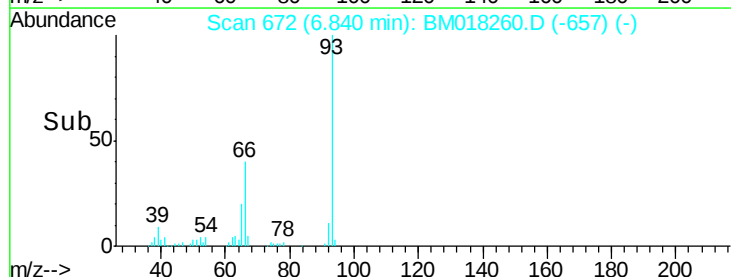
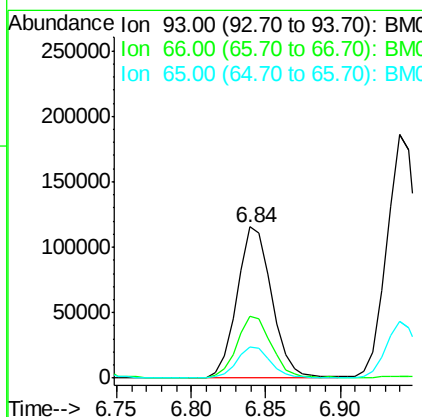
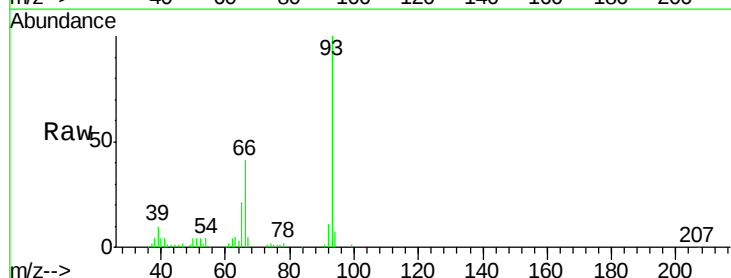
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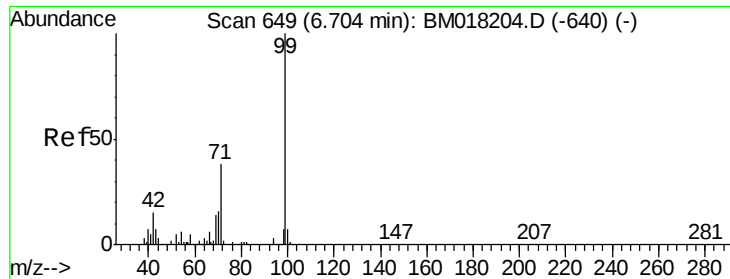
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	93	Resp:	187316
Ion Ratio	Lower	Upper	
93	100		
66	41.0	32.3	48.5
65	20.6	16.2	24.4





#7

Phenol-d6

Concen: 68.861 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

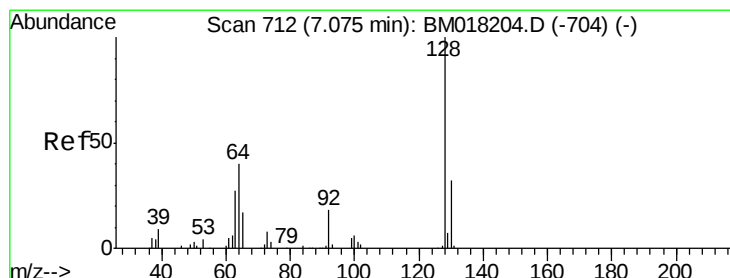
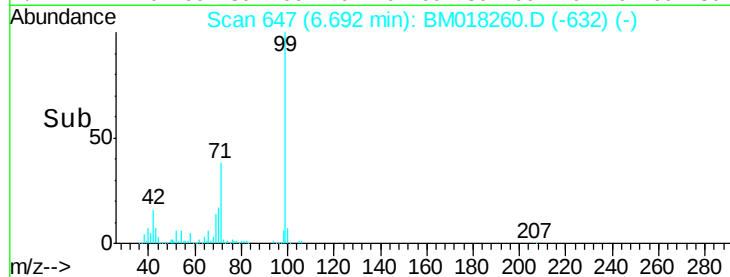
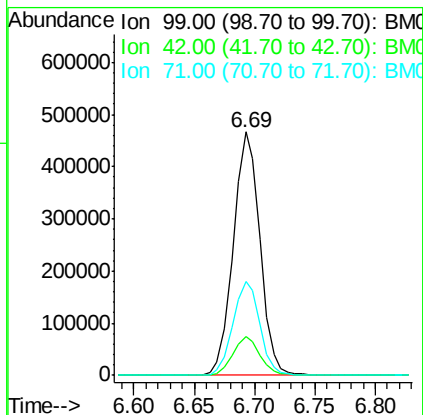
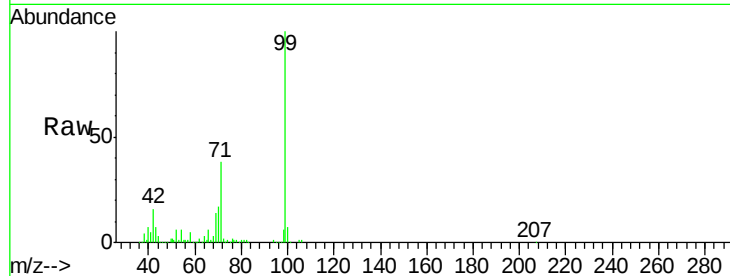
ClientSampleId :

PB115777BS

Tgt Ion:	99	Resp:	719969
Ion Ratio	Lower	Upper	
99	100		
42	16.1	12.3	18.5
71	38.4	30.2	45.2

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#8

2-Chlorophenol

Concen: 32.305 ng

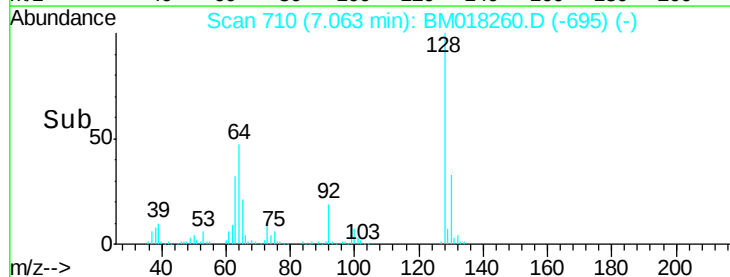
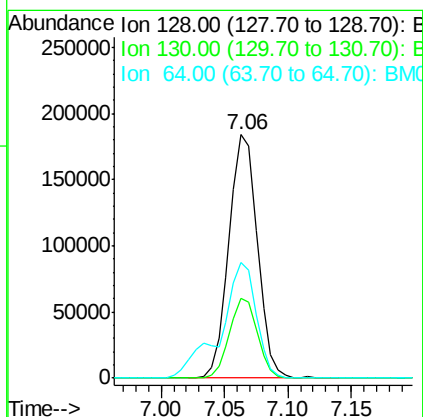
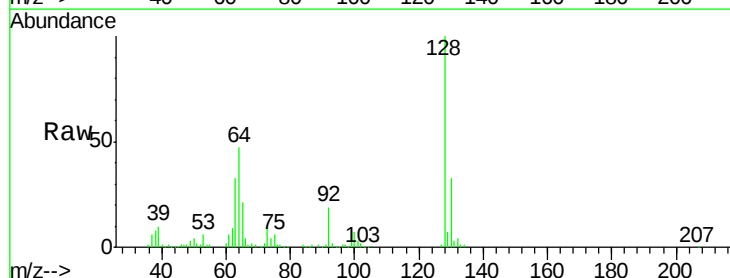
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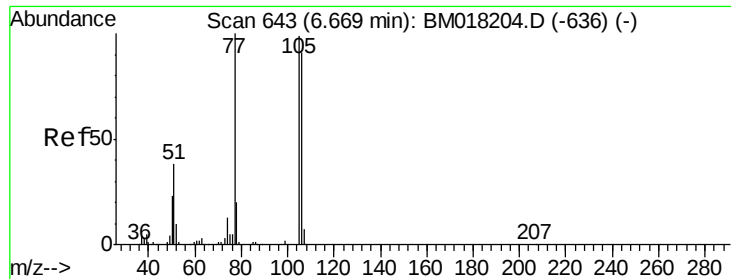
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	128	Resp:	287110
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.3	52.3
64	47.3	24.1	64.1





#9

Benzaldehyde

Concen: 14.261 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM018260.D

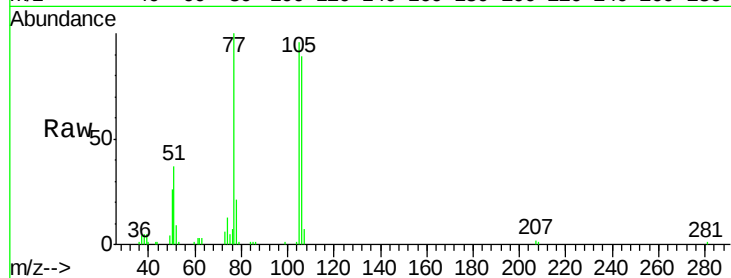
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Instrument :

BNA_M

ClientSampleId :

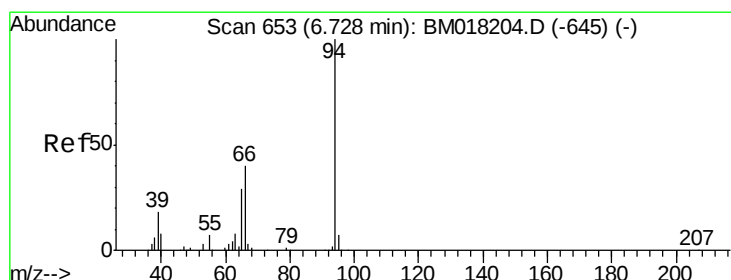
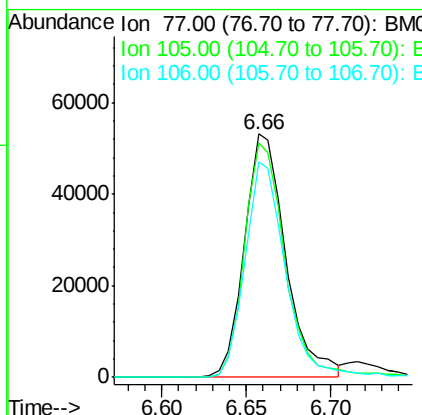
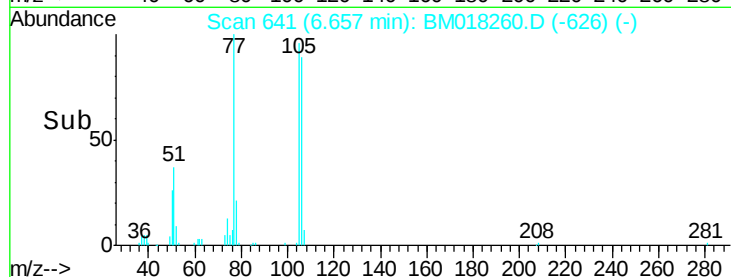
PB115777BS



Tgt Ion:	77	Resp:	90884
Ion	Ratio	Lower	Upper
77	100		
105	96.3	78.8	118.8
106	88.6	70.7	110.7

Manual Integrations
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#10

Phenol

Concen: 31.814 ng

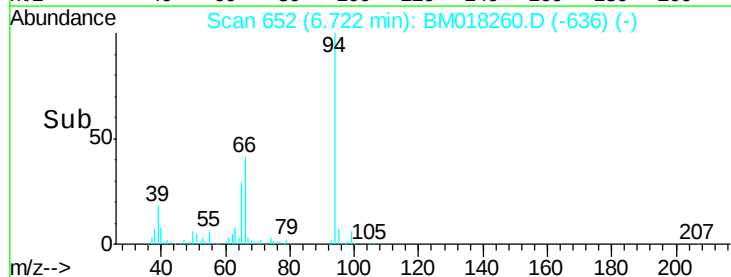
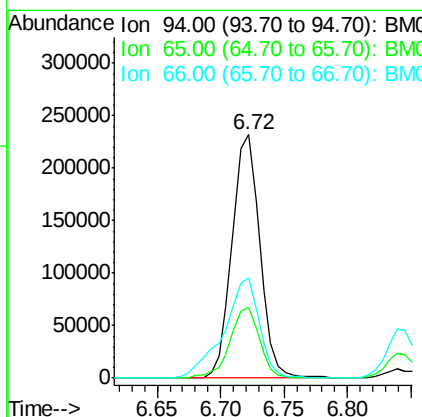
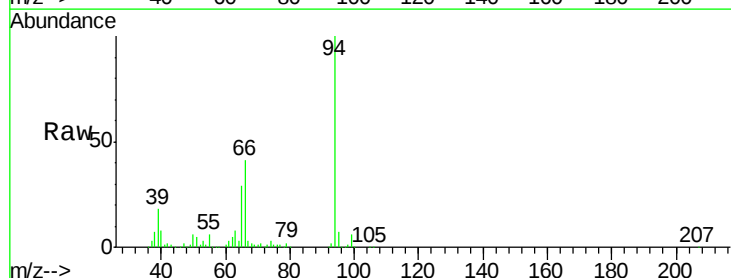
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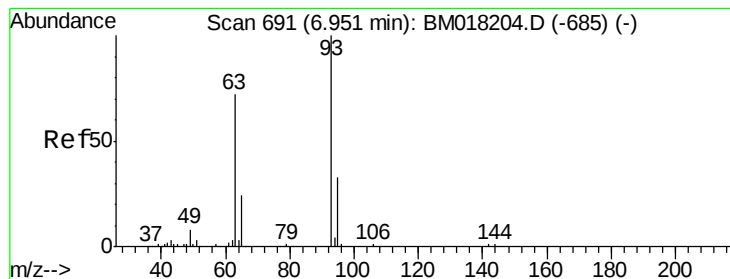
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	94	Resp:	352262
Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.5	49.5
66	41.1	21.3	61.3





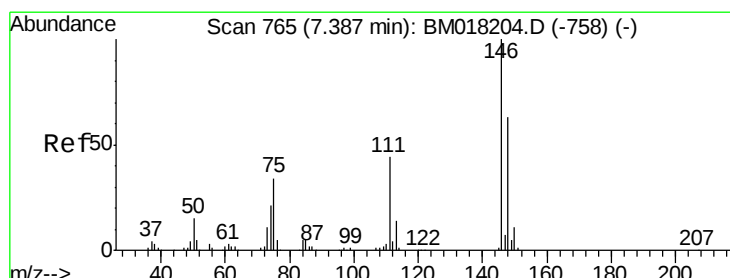
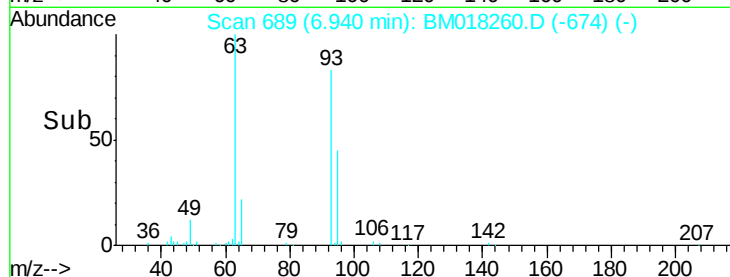
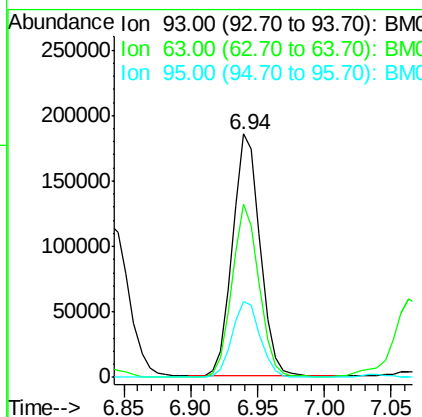
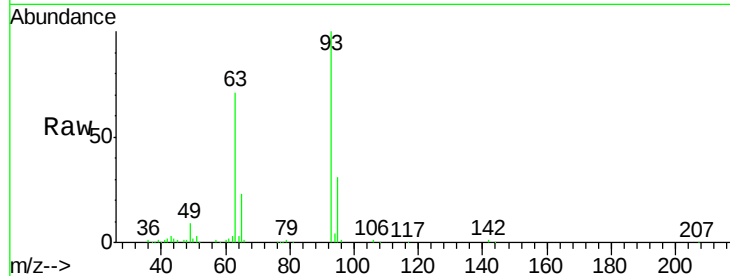
#11
bis(2-Chloroethyl)ether
Concen: 30.096 ng
RT: 6.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	71.2	51.7	91.7
95	31.0	13.1	53.1

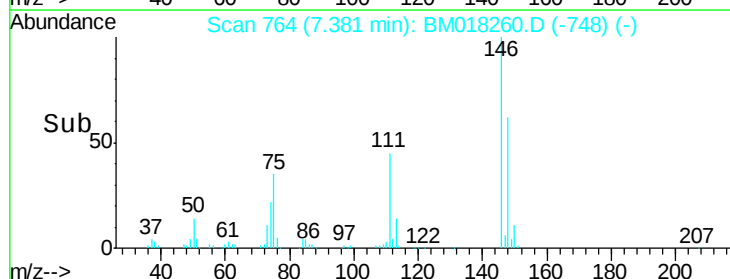
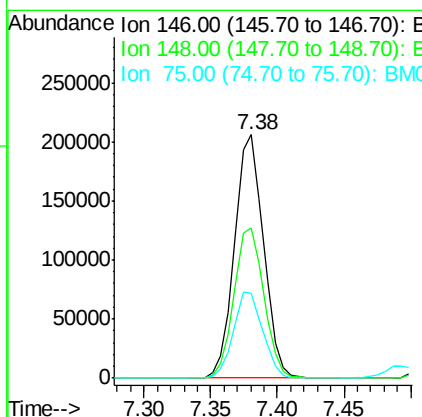
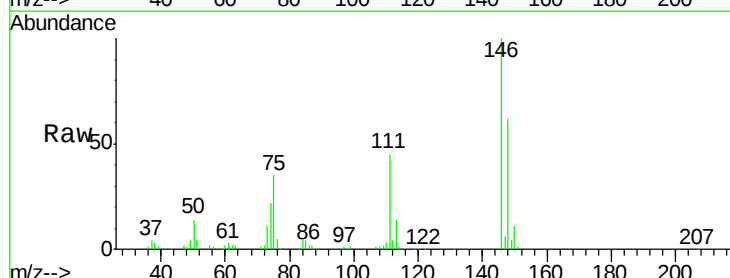
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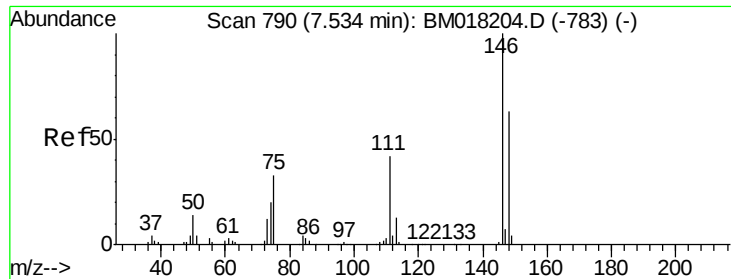
Sohil
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#12
1,3-Dichlorobenzene
Concen: 31.394 ng
RT: 7.38 min Scan# 764
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	61.9	50.6	76.0
75	34.7	27.0	40.4





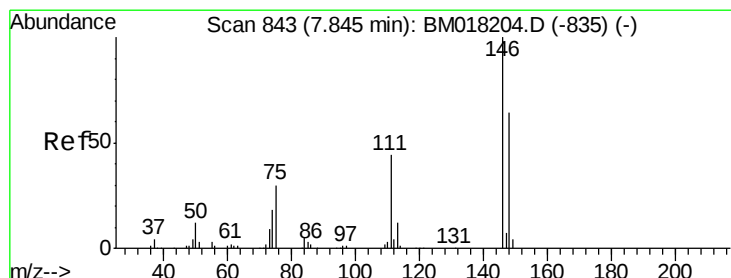
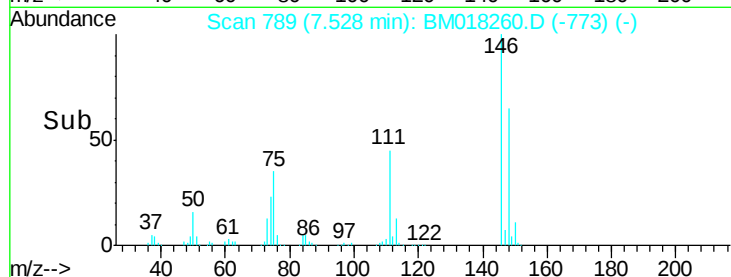
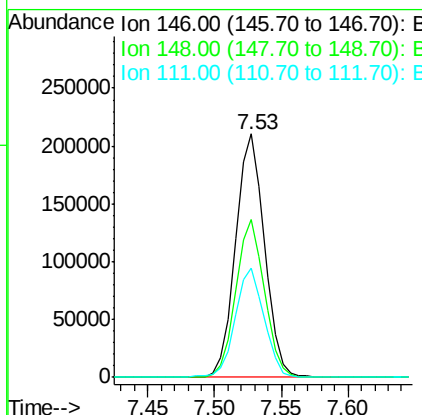
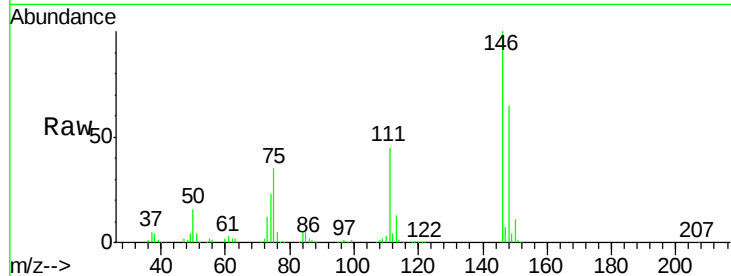
#13
 1,4-Dichlorobenzene
 Concen: 31.356 ng
 RT: 7.53 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampleID :
 PB115777BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.7	76.1
111	44.9	34.2	51.2

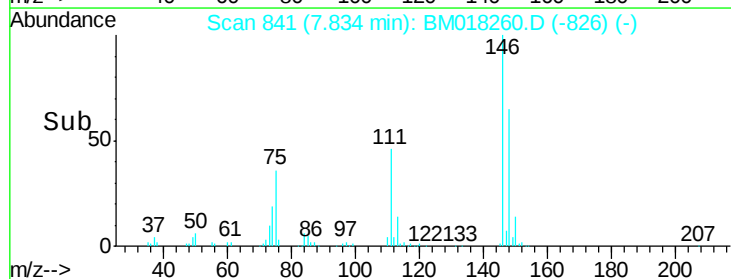
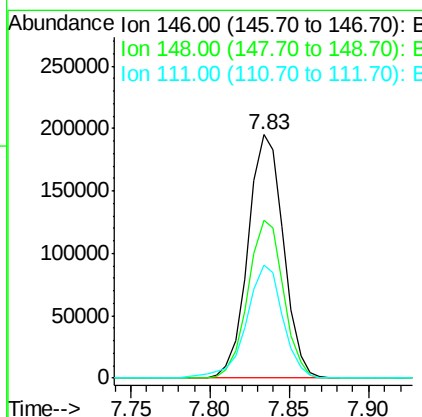
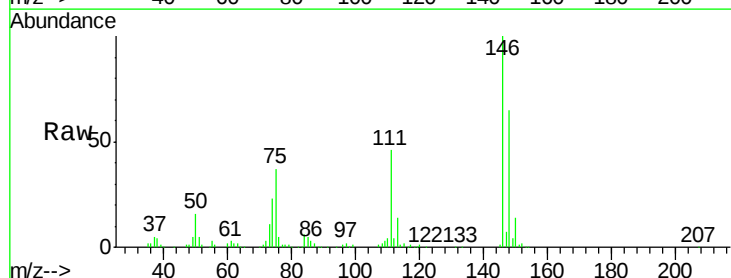
Manual Integrations
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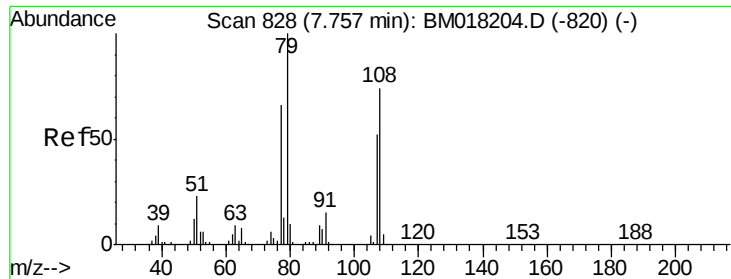
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#14
 1,2-Dichlorobenzene
 Concen: 31.160 ng
 RT: 7.83 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.3	76.9
111	46.3	35.8	53.8





#15

Benzyl Alcohol

Concen: 29.458 ng

RT: 7.75 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

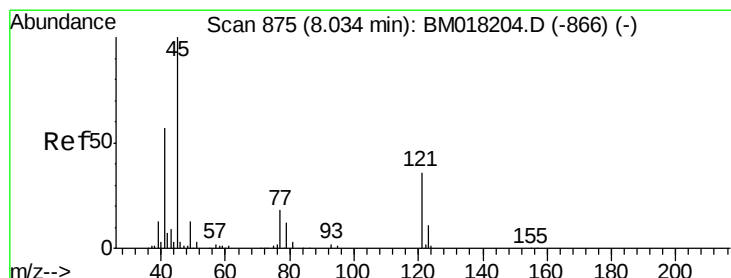
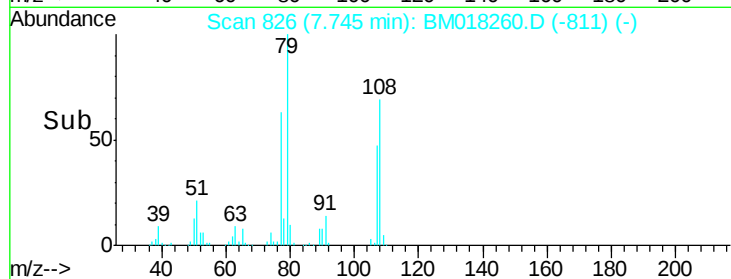
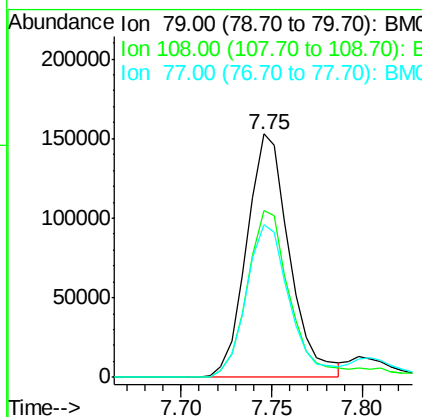
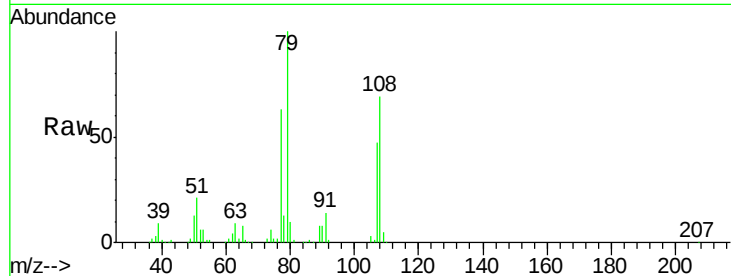
ClientSampleId :

PB115777BS

Tgt Ion:	79	Resp:	250963
Ion Ratio	Lower	Upper	
79	100		
108	68.6	59.3	88.9
77	62.8	53.0	79.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.056 ng

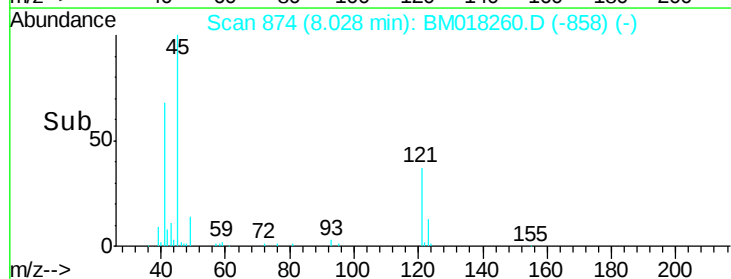
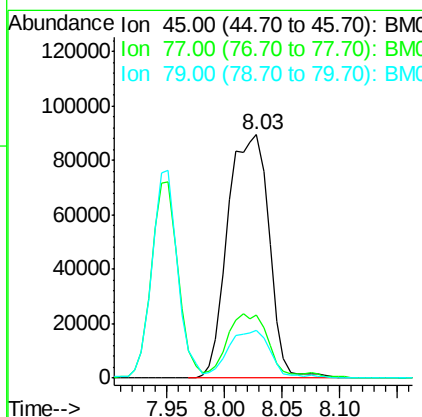
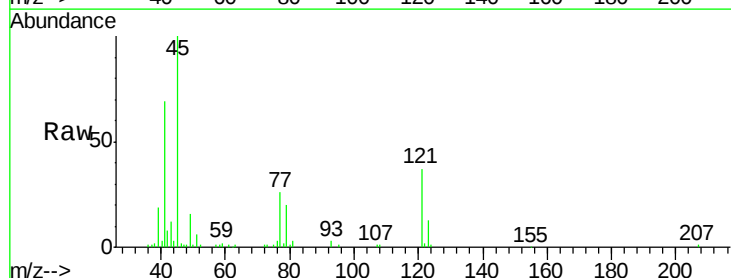
RT: 8.03 min Scan# 874

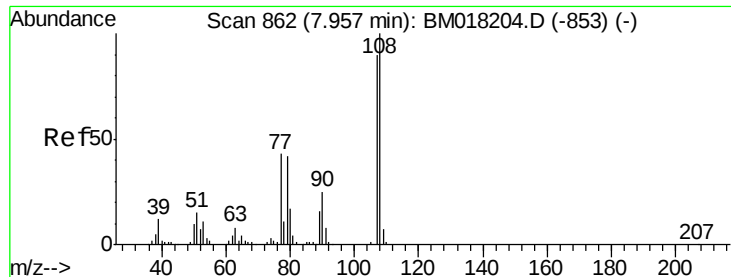
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	45	Resp:	222182
Ion Ratio	Lower	Upper	
45	100		
77	26.1	2.5	42.5
79	19.9	0.0	37.2





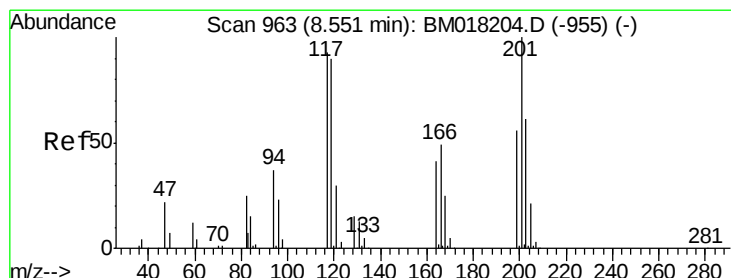
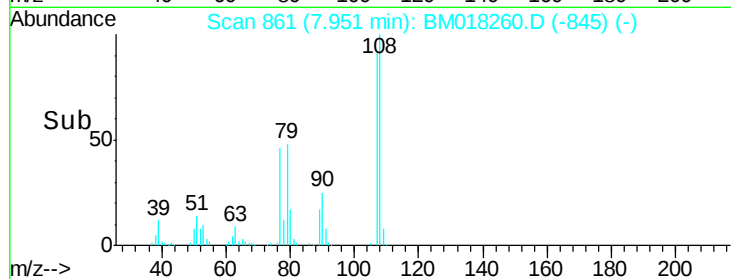
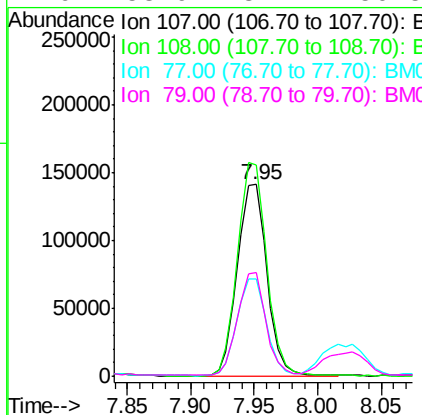
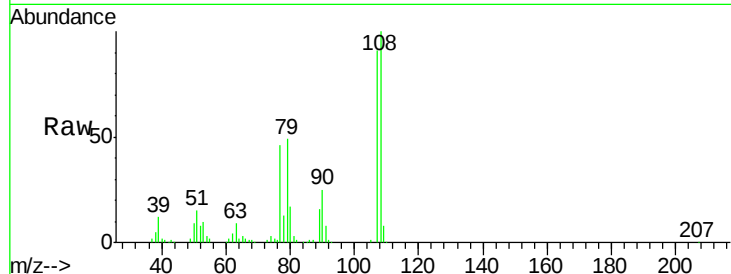
#17
2-Methylphenol
Concen: 31.121 ng
RT: 7.95 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	110.4	89.3	133.9	
77	51.0	38.2	57.4	
79	53.9	37.7	56.5	

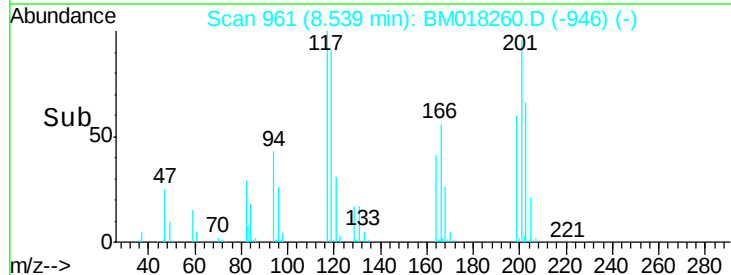
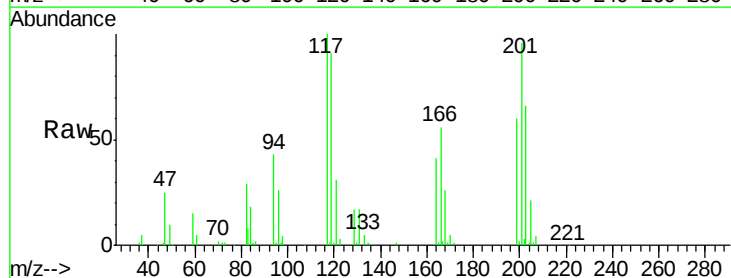
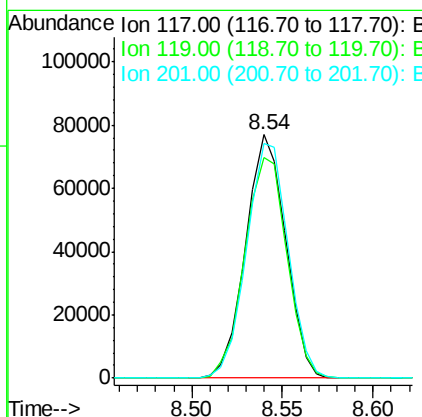
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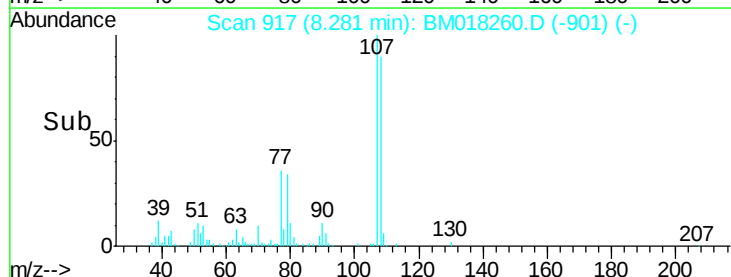
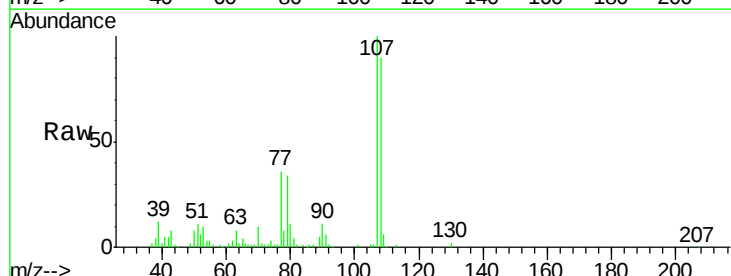
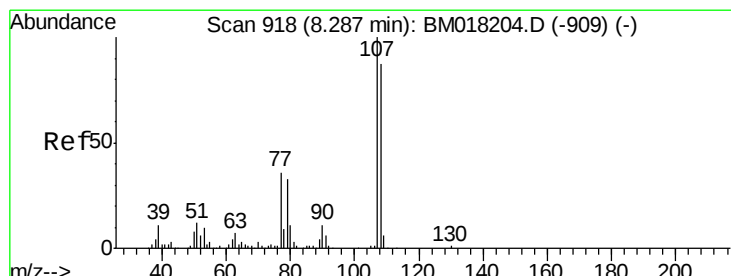
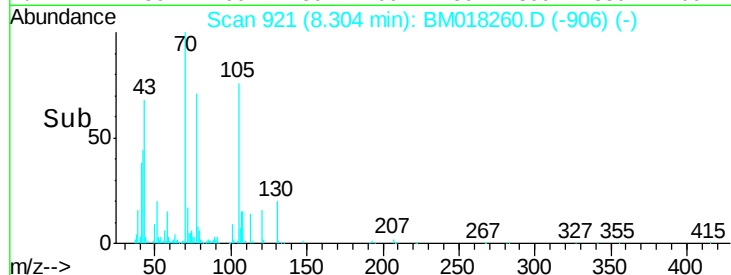
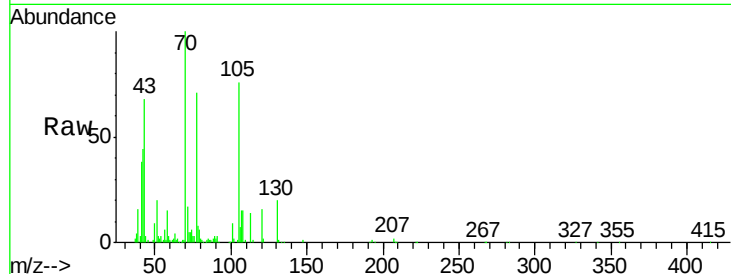
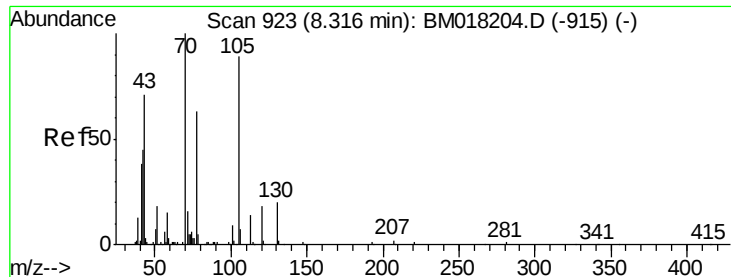
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#18
Hexachloroethane
Concen: 32.073 ng
RT: 8.54 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

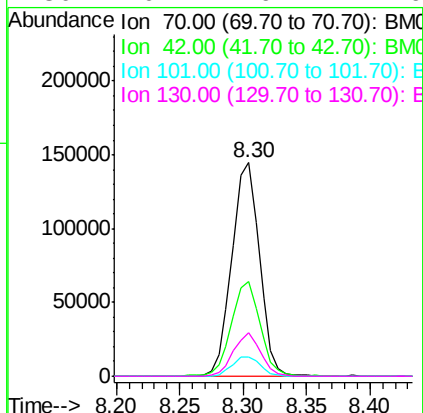
Tgt	Ion	Resp	Lower	Upper
117	100			
119	90.7	77.0	115.4	
201	96.3	85.7	128.5	





#19
n-Nitroso-di-n-propylamine
Concen: 27.960 ng
RT: 8.30 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.1	36.2	54.2	
101	9.3	7.5	11.3	
130	20.4	16.4	24.6	



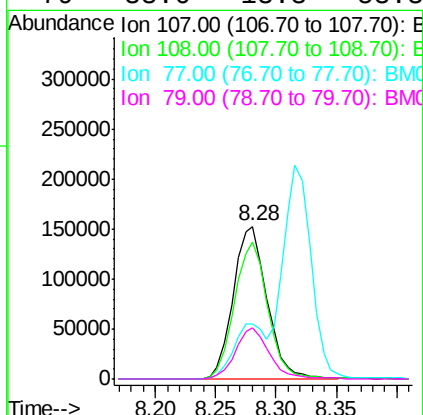
Instrument :
BNA_M
ClientSampleId :
PB115777BS

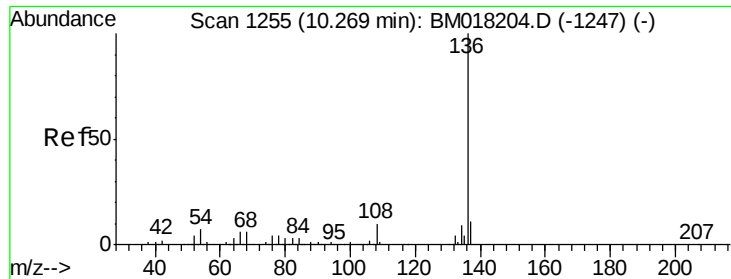
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#20
3+4-Methylphenols
Concen: 28.874 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	67.4	107.4	
77	36.4	15.7	55.7	
79	33.6	13.3	53.3	





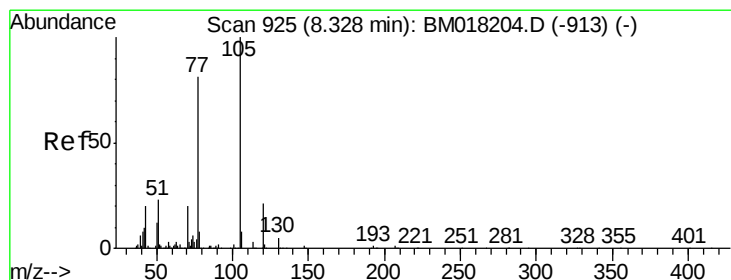
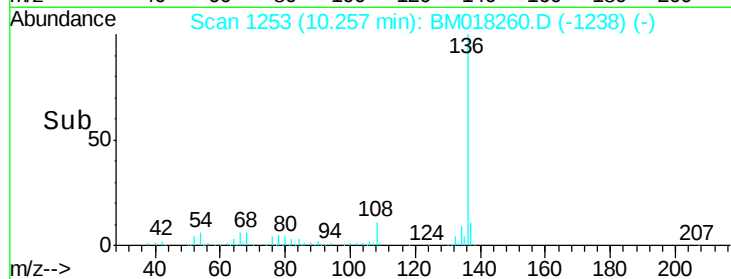
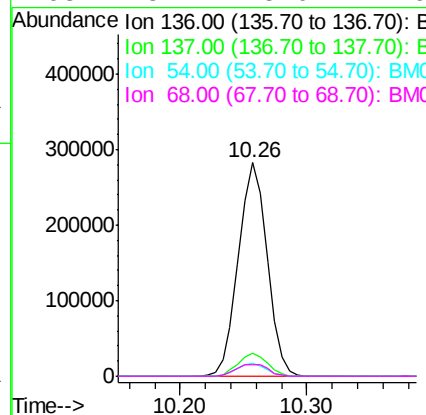
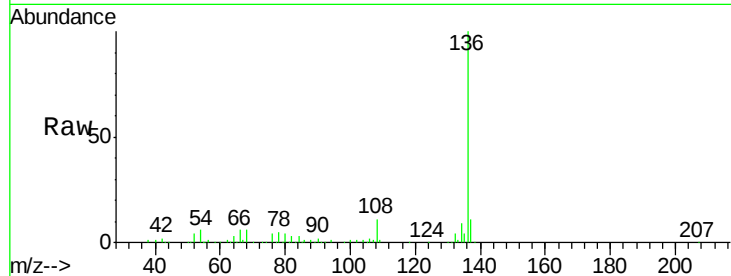
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	444188		
137	10.6	9.2	13.8	
54	6.0	5.2	7.8	
68	5.7	5.0	7.6	

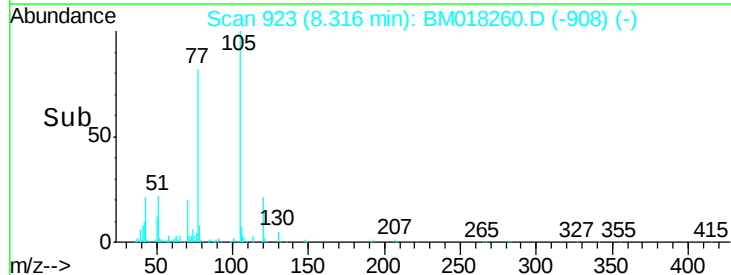
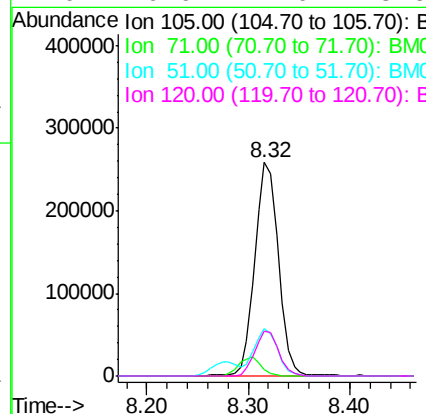
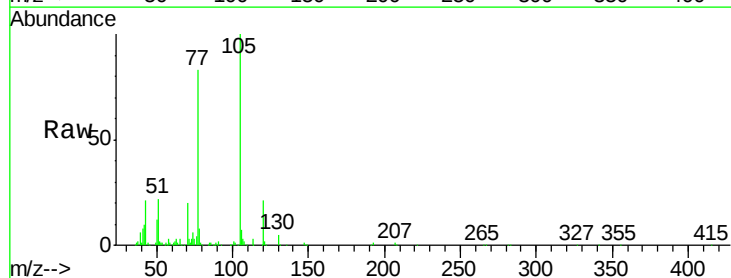
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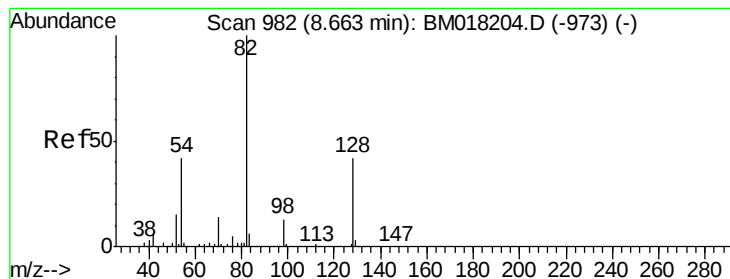
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#22
Acetophenone
Concen: 35.801 ng
RT: 8.32 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	420832		
71	3.2	2.6	4.0	
51	22.5	18.3	27.5	
120	20.9	17.0	25.6	





#23

Nitrobenzene-d5

Concen: 80.431 ng

RT: 8.65 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

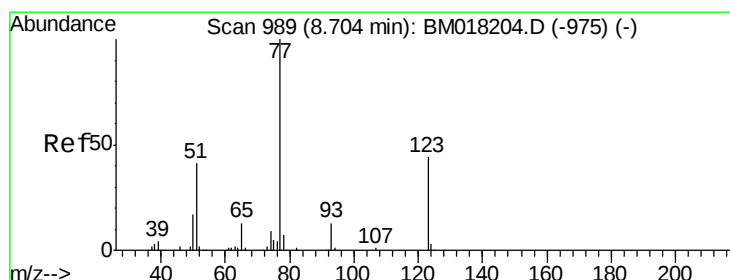
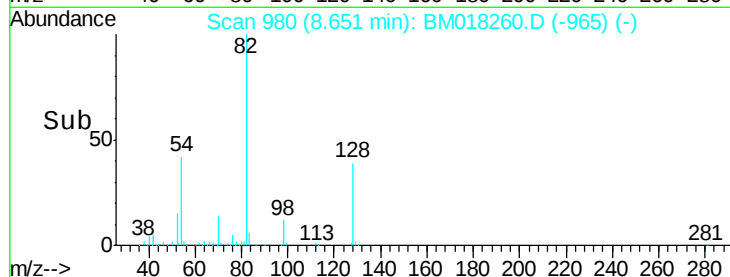
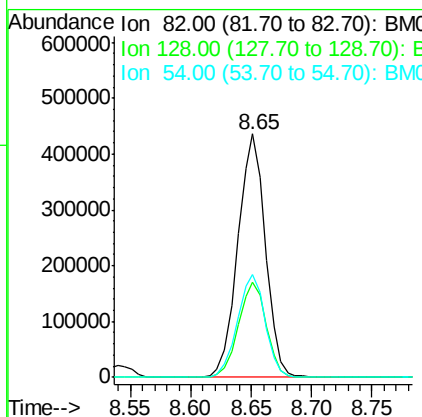
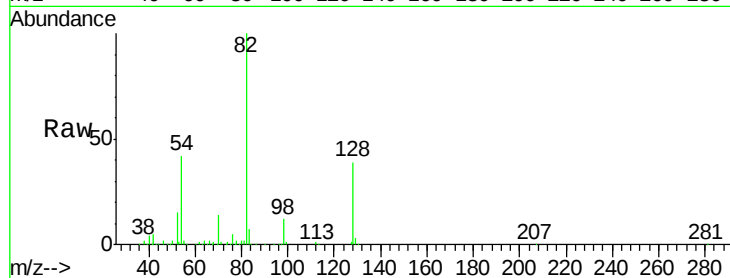
ClientSampleId :

PB115777BS

Tgt Ion:	82	Resp:	696506
Ion Ratio		Lower	Upper
82	100		
128	39.1	33.4	50.2
54	42.3	33.4	50.2

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#24

Nitrobenzene

Concen: 37.645 ng

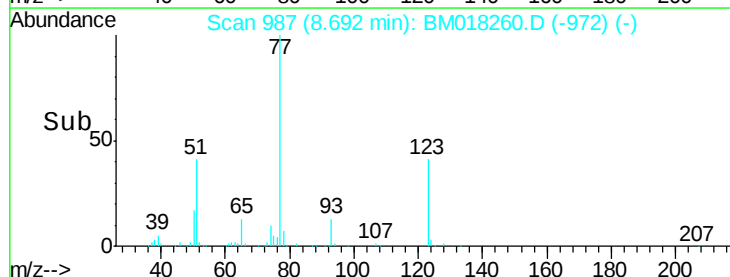
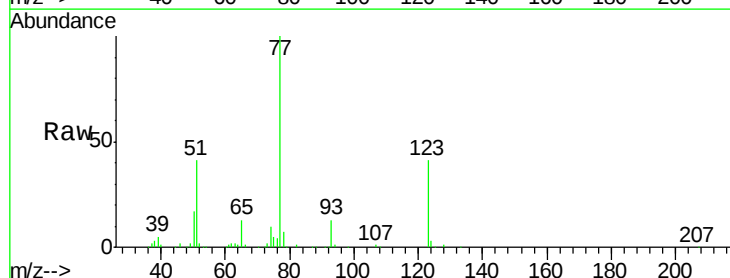
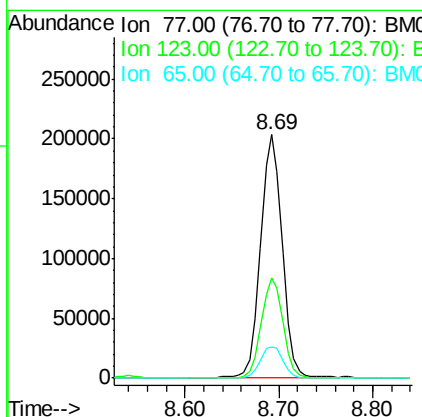
RT: 8.69 min Scan# 987

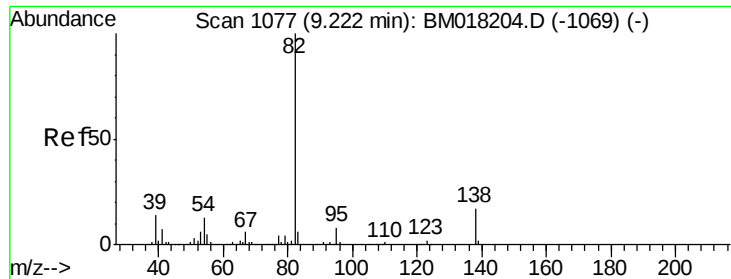
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	77	Resp:	325734
Ion Ratio		Lower	Upper
77	100		
123	41.1	35.4	53.2
65	13.0	10.6	15.8





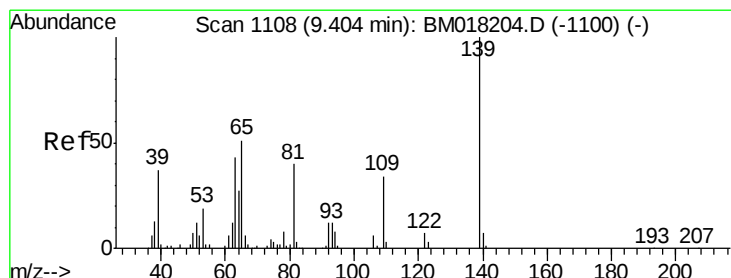
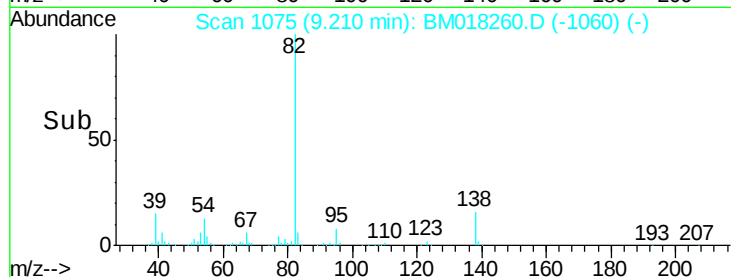
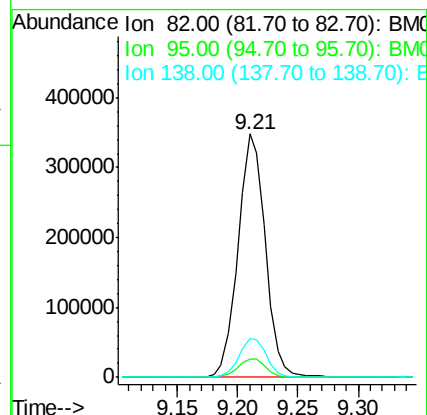
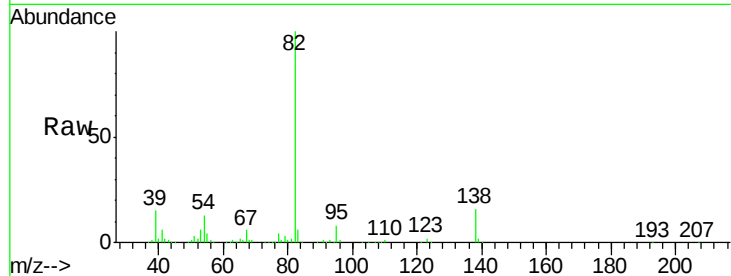
#25
Isophorone
Concen: 38.102 ng
RT: 9.21 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	549327		
95	7.6	6.4	9.6	
138	16.2	13.9	20.9	

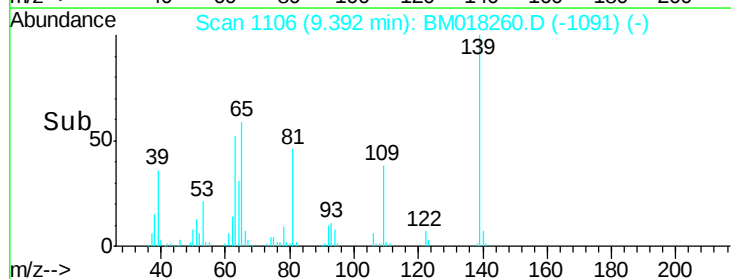
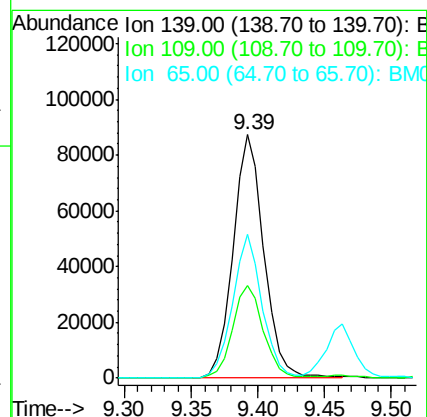
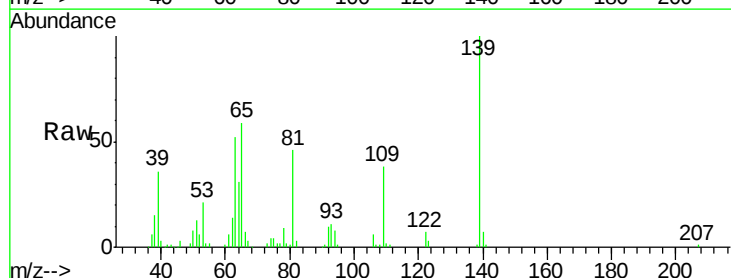
Manual Integrations
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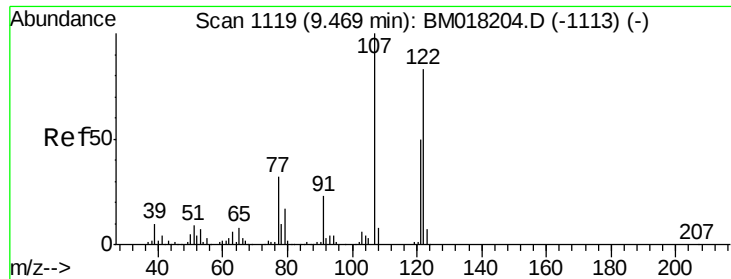
Sohil
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#26
2-Nitrophenol
Concen: 33.094 ng
RT: 9.39 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	140449		
109	38.0	27.4	41.0	
65	59.2	41.0	61.4	





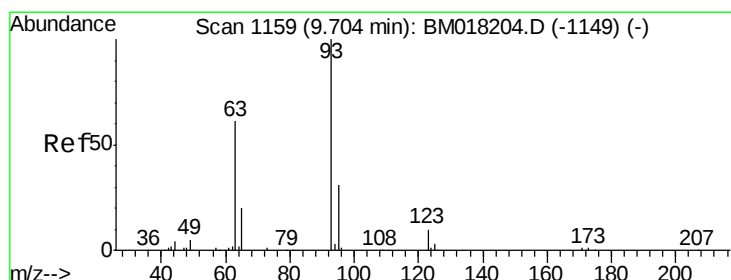
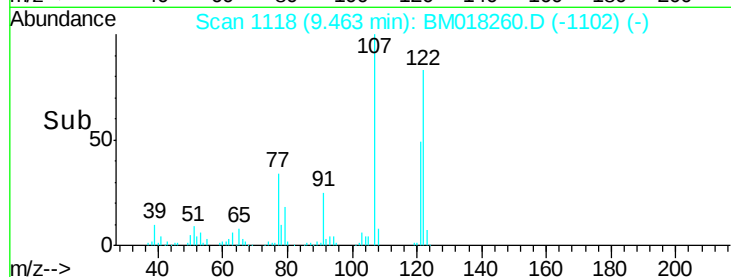
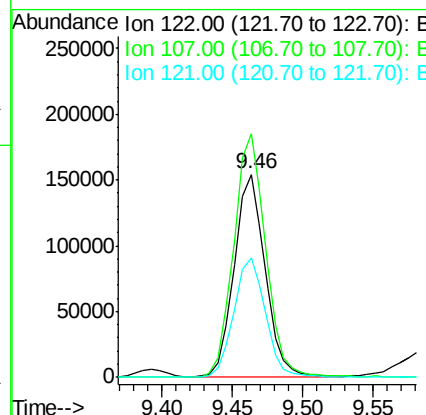
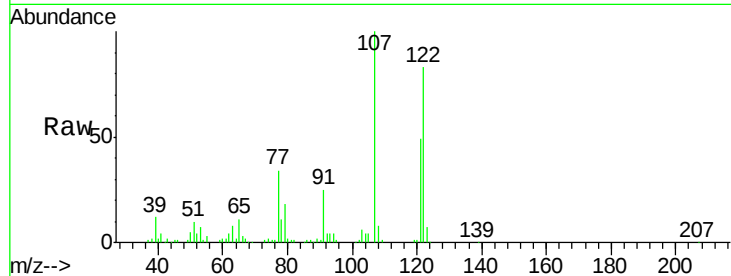
#27
 2,4-Dimethylphenol
 Concen: 38.428 ng
 RT: 9.46 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	235043		
107	120.1	96.5	144.7	
121	59.0	48.2	72.4	

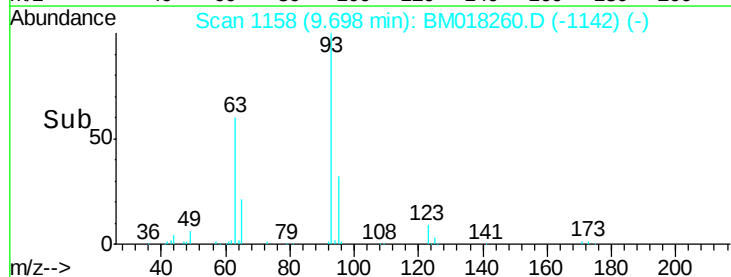
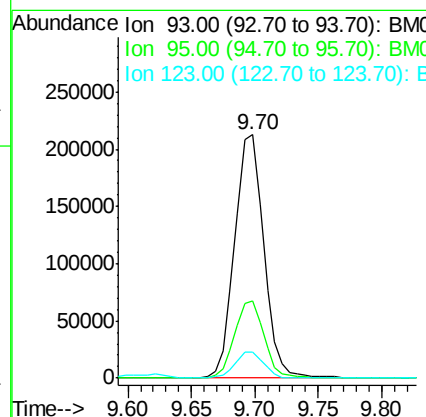
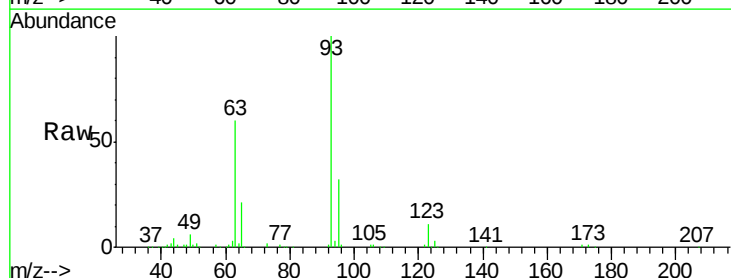
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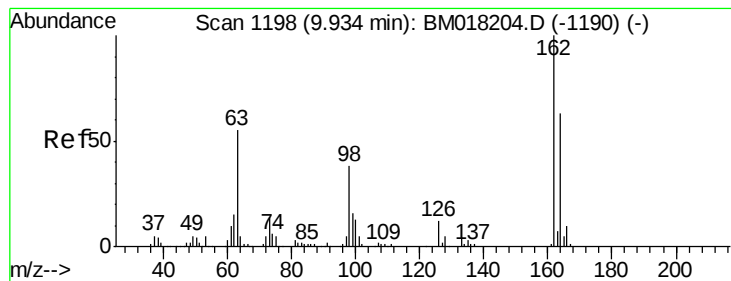
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.978 ng
 RT: 9.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	338111		
95	31.6	25.3	37.9	
123	10.6	9.3	13.9	





#29

2,4-Dichlorophenol

Concen: 34.026 ng

RT: 9.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

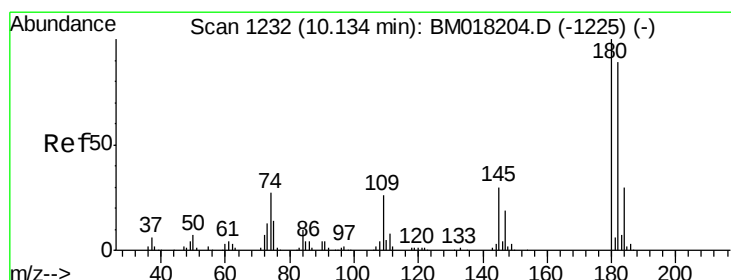
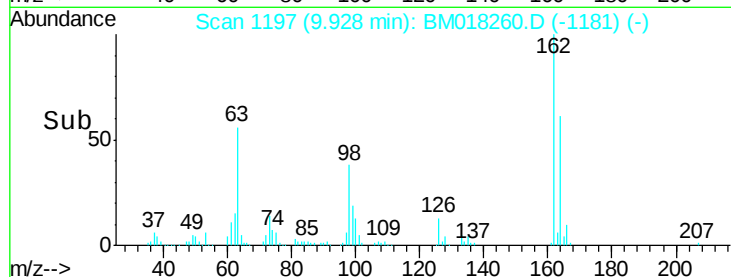
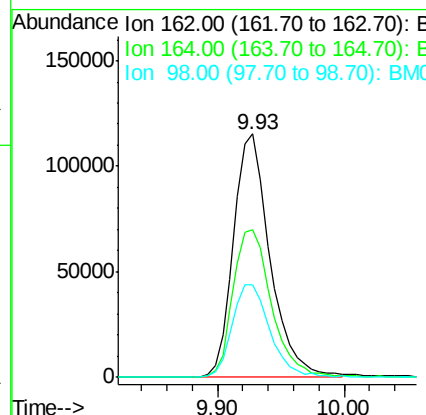
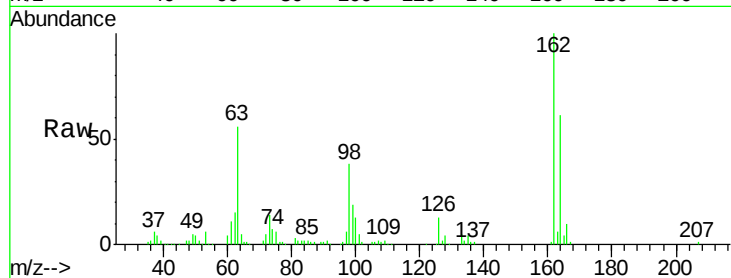
ClientSampleId :

PB115777BS

Tgt Ion:	162	Resp:	230749
Ion Ratio	Lower	Upper	
162	100		
164	60.7	43.0	83.0
98	38.1	18.3	58.3

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#30

1,2,4-Trichlorobenzene

Concen: 35.542 ng

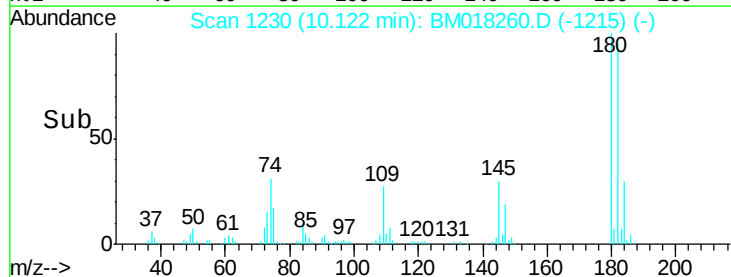
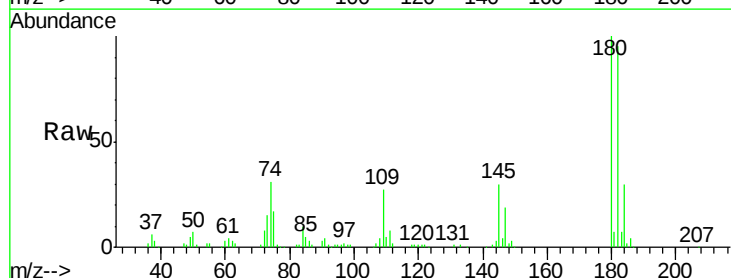
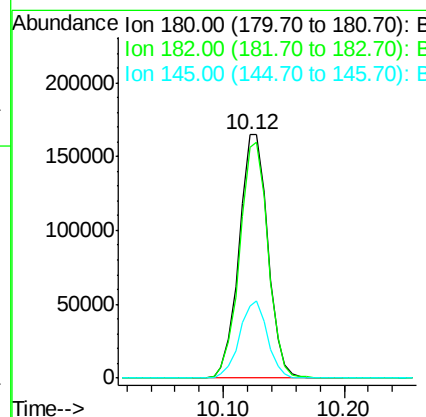
RT: 10.12 min Scan# 1230

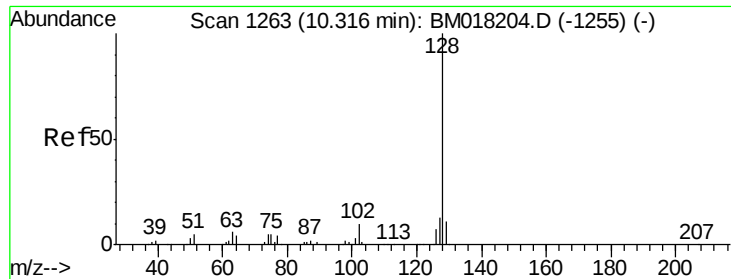
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	180	Resp:	274161
Ion Ratio	Lower	Upper	
180	100		
182	94.9	71.4	107.2
145	29.6	24.4	36.6





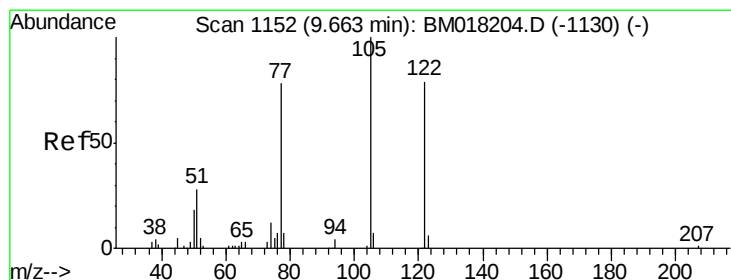
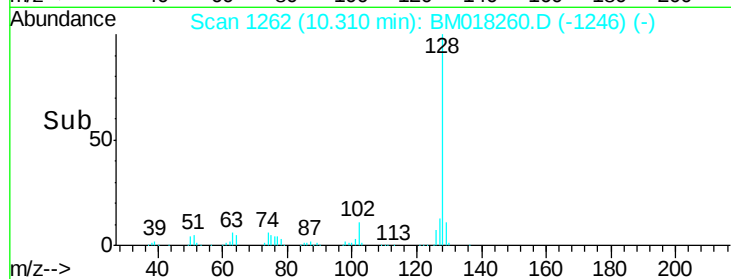
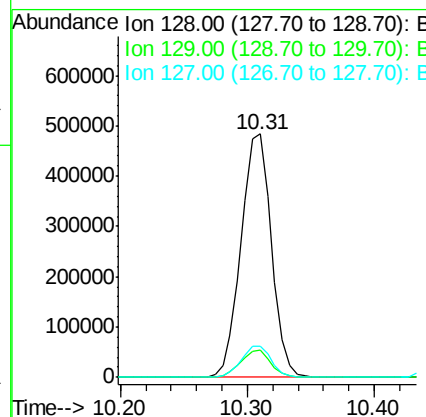
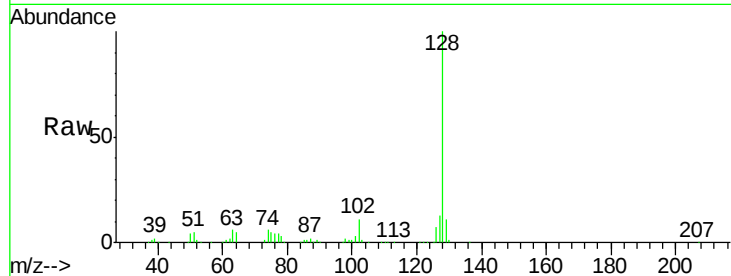
#31
Naphthalene
Concen: 36.933 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	802182		
129	11.2	8.9	13.3	
127	12.9	10.4	15.6	

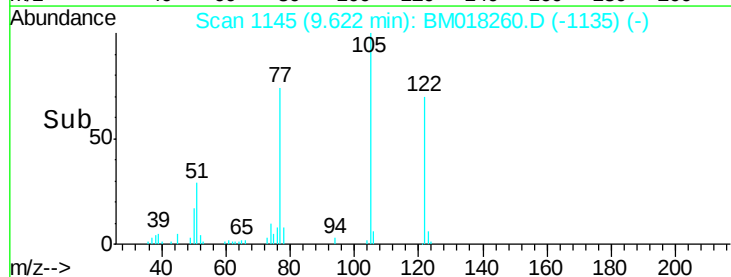
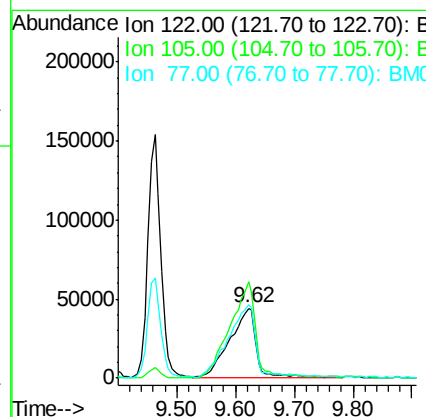
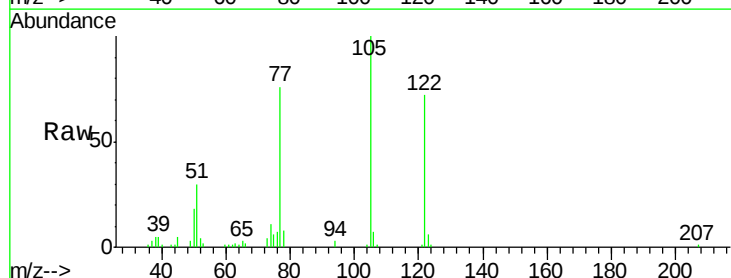
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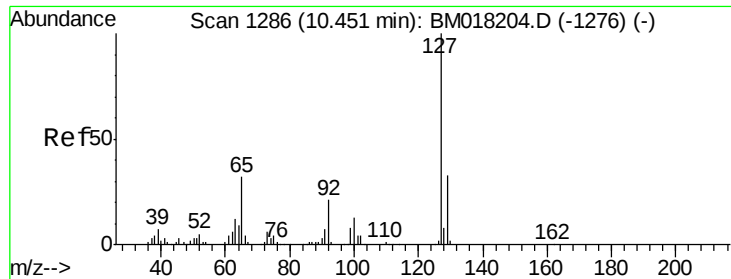
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#32
Benzoic acid
Concen: 23.525 ng m
RT: 9.62 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	136249		
105	138.0	104.8	144.8	
77	105.1	77.7	117.7	





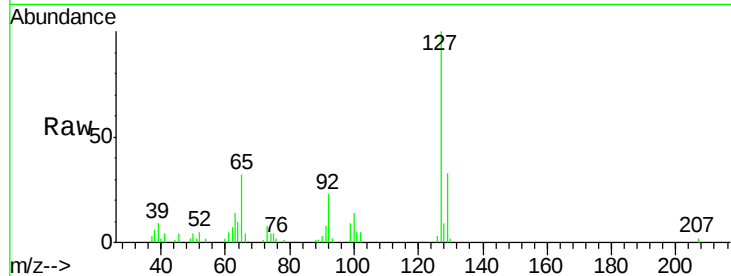
#33
4-Chloroaniline
Concen: 6.281 ng
RT: 10.45 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

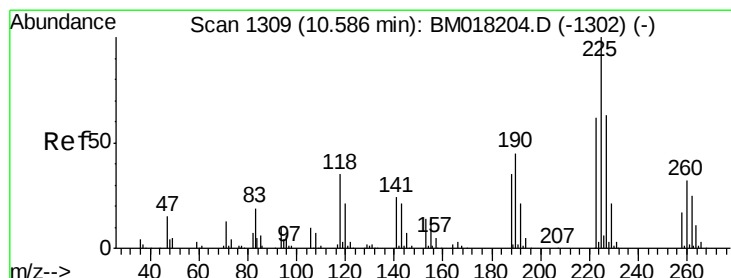
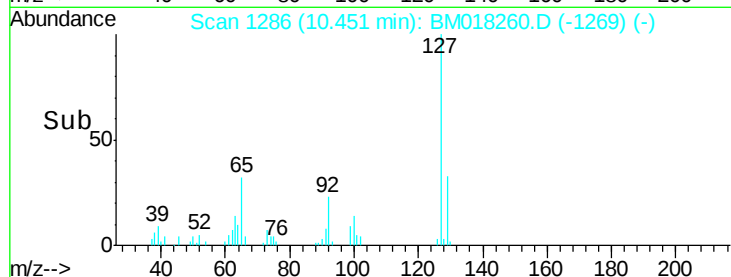
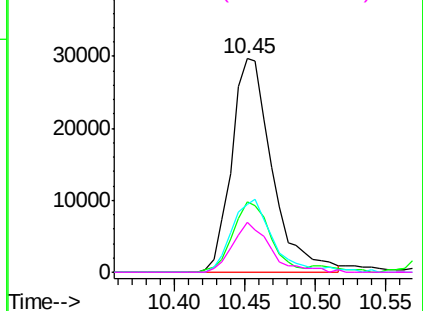
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	59759		
129	32.8	26.4	39.6	
65	31.7	25.6	38.4	
92	23.3	17.0	25.6	

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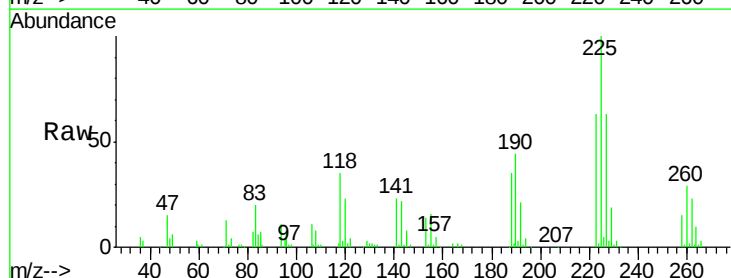


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

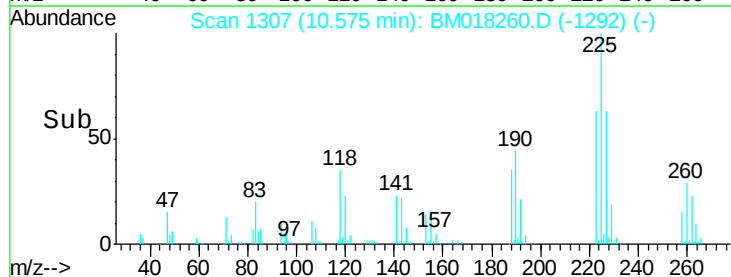
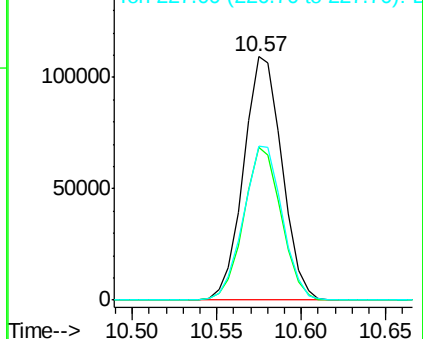


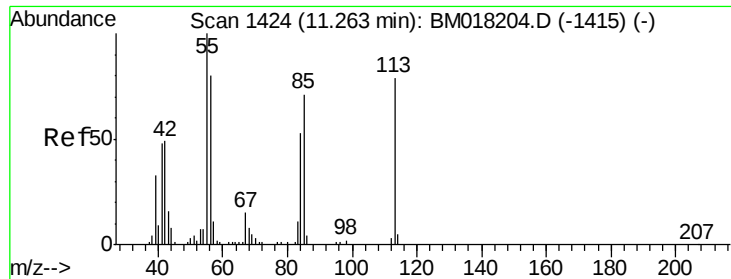
#34
Hexachlorobutadiene
Concen: 35.367 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	172543		
223	62.8	49.8	74.6	
227	63.2	50.2	75.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.396 ng m

RT: 11.25 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

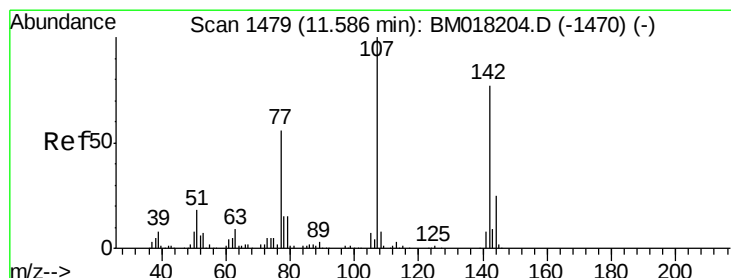
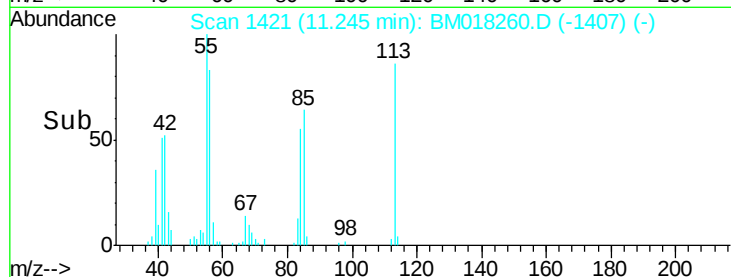
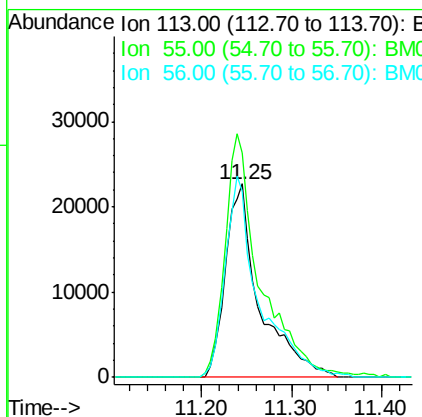
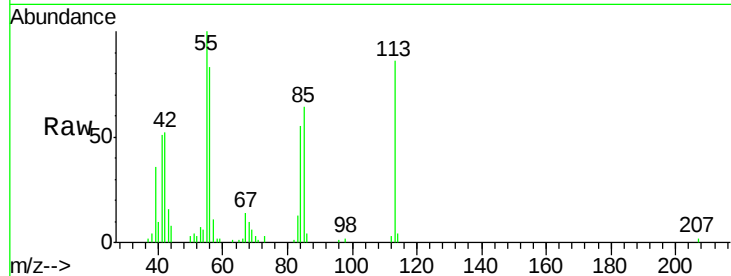
ClientSampleId :

PB115777BS

Tgt Ion:	113	Resp:	60458
Ion Ratio	Lower	Upper	
113	100		
55	116.1	105.9	145.9
56	96.3	80.1	120.1

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#36

4-Chloro-3-methylphenol

Concen: 29.293 ng

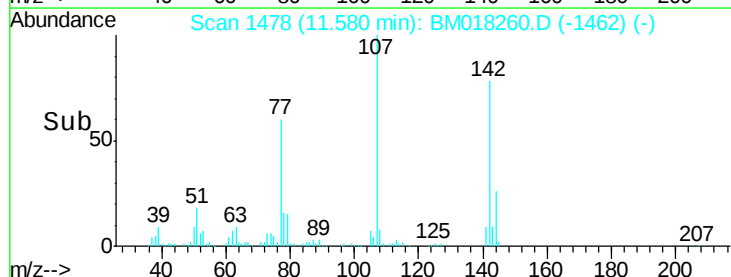
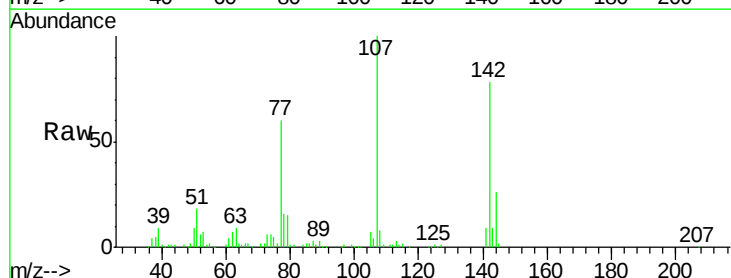
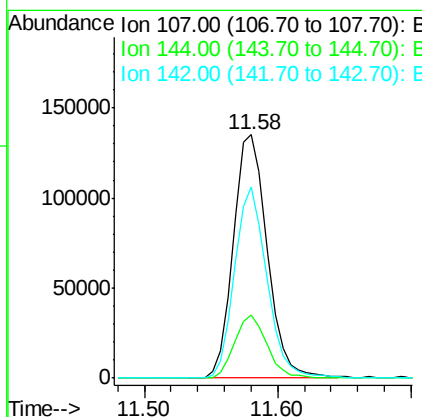
RT: 11.58 min Scan# 1478

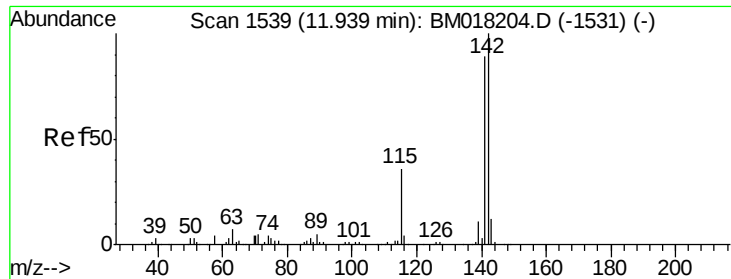
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	107	Resp:	238693
Ion Ratio	Lower	Upper	
107	100		
144	26.2	20.1	30.1
142	78.5	61.7	92.5





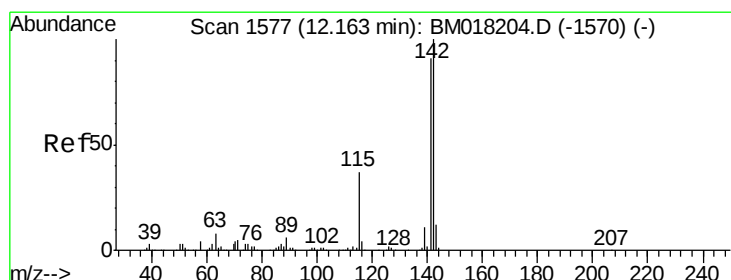
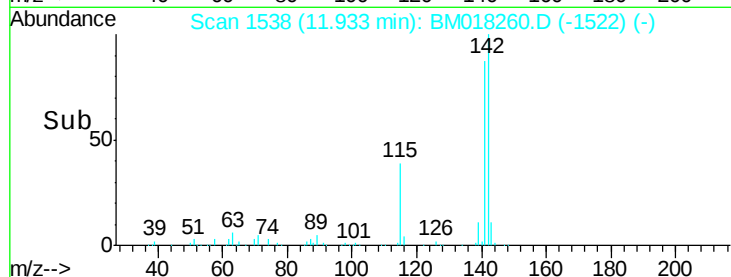
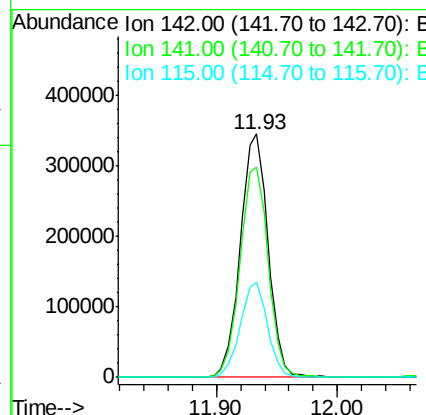
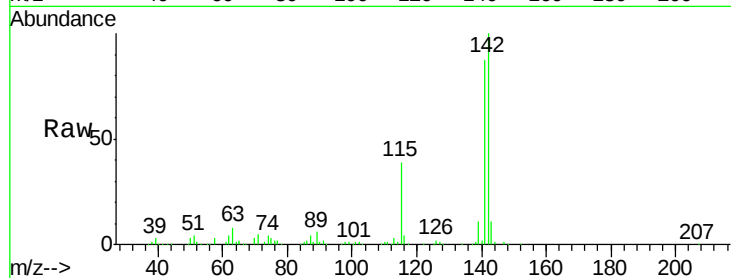
#37
2-Methylnaphthalene
Concen: 36.242 ng
RT: 11.93 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.4	107.2
115	39.2	29.0	43.6

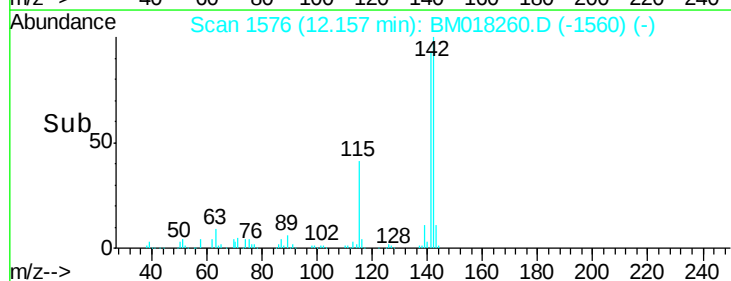
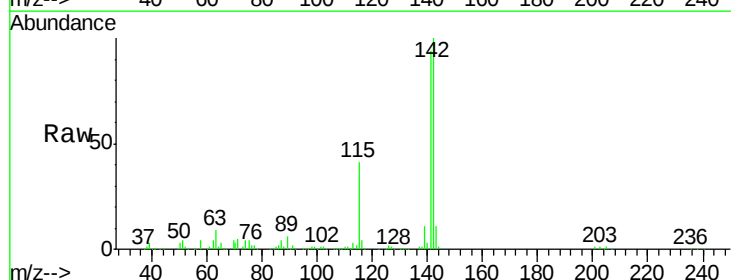
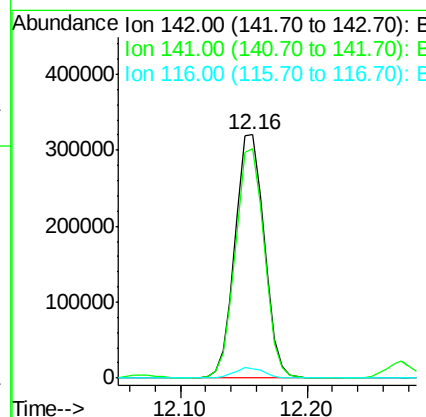
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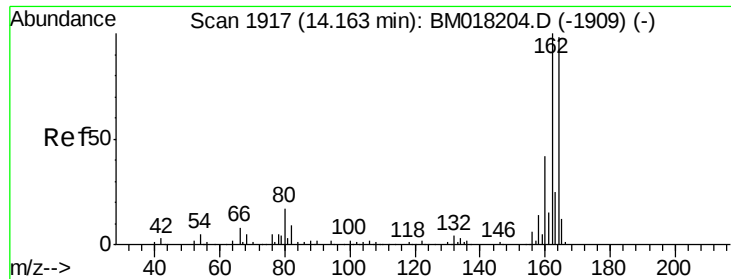
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#38
1-Methylnaphthalene
Concen: 34.322 ng
RT: 12.16 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.0	109.4
116	4.1	3.0	4.6





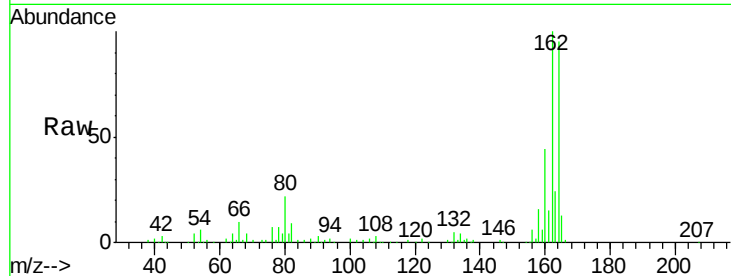
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	204838		
162	105.2	81.8	122.6	
160	46.7	34.6	51.8	

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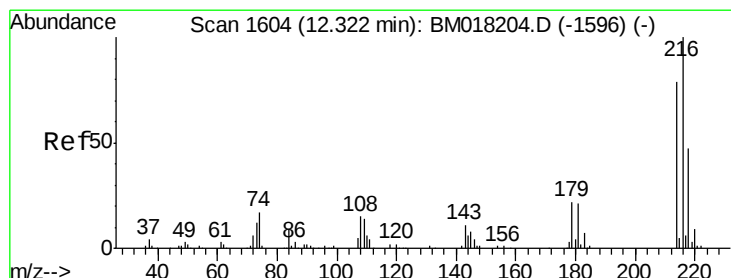
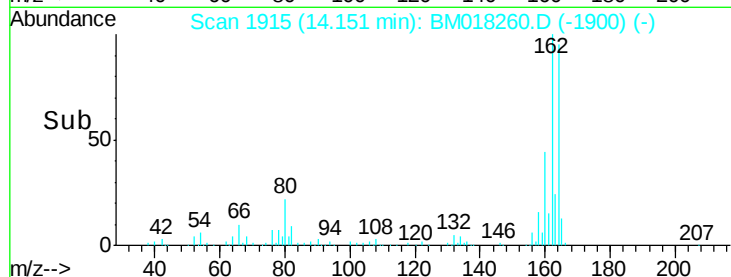
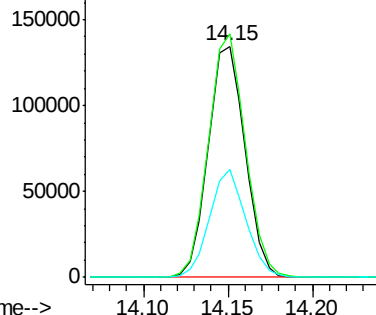


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.175 ng
RT: 12.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	275941		
214	79.0	63.4	95.0	
179	22.3	17.2	25.8	
108	21.3	14.6	21.8	

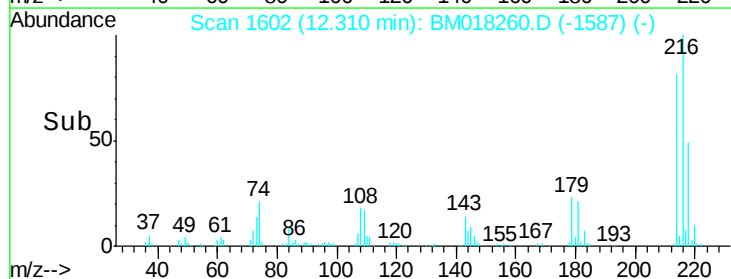
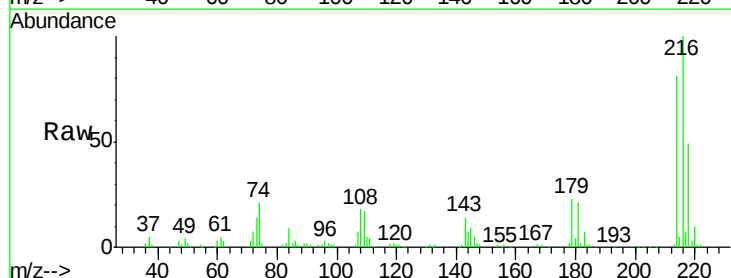
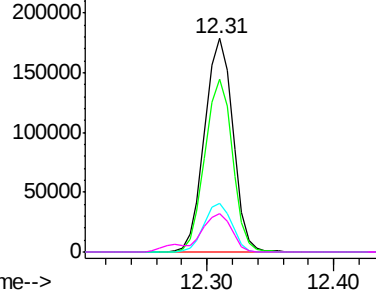
Abundance

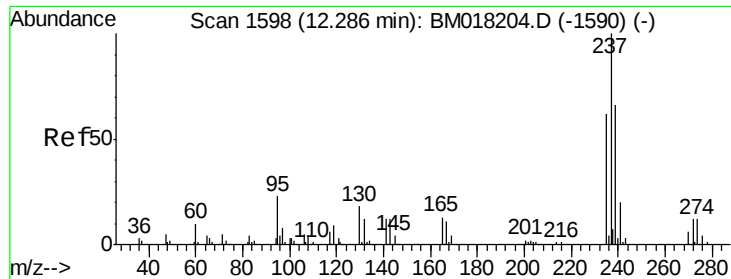
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.896 ng

RT: 12.27 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

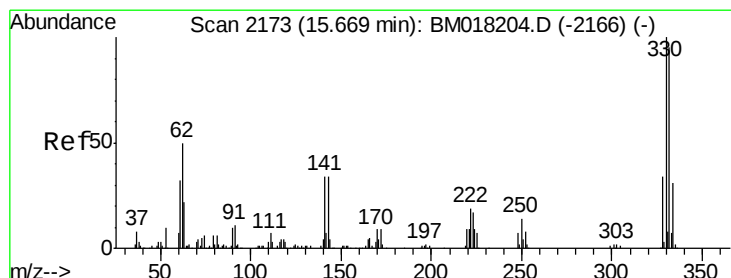
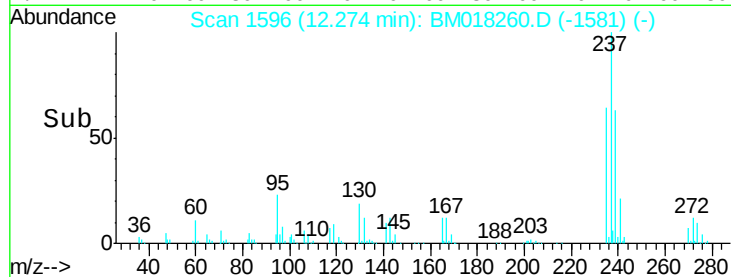
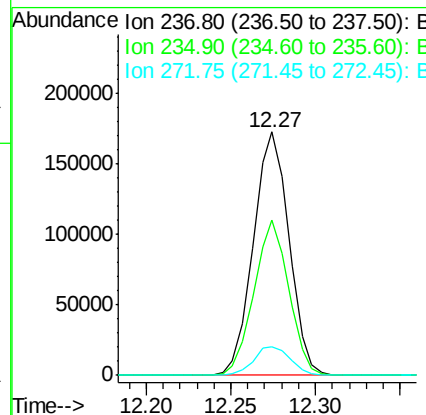
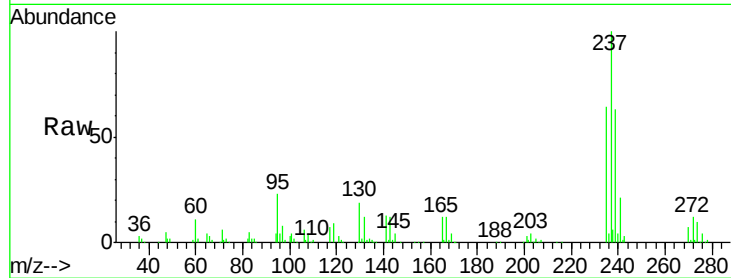
ClientSampleId :

PB115777BS

Tgt Ion:	237	Resp:	253275
Ion Ratio	Lower	Upper	
237	100		
235	64.0	42.1	82.1
272	11.8	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 62.021 ng

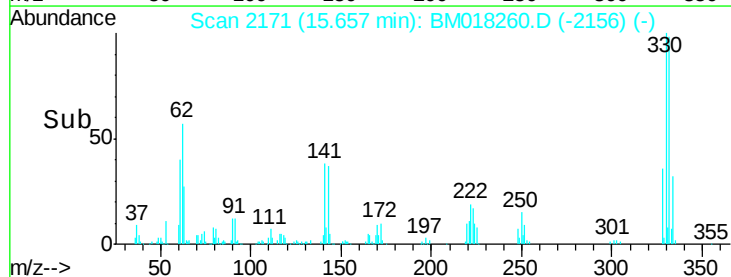
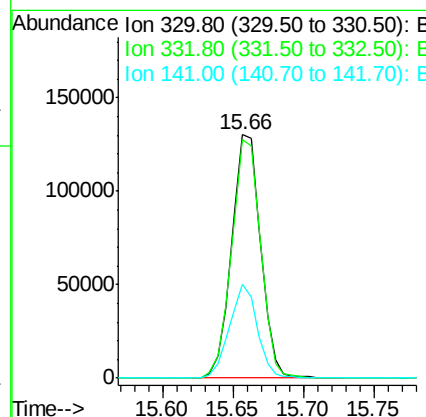
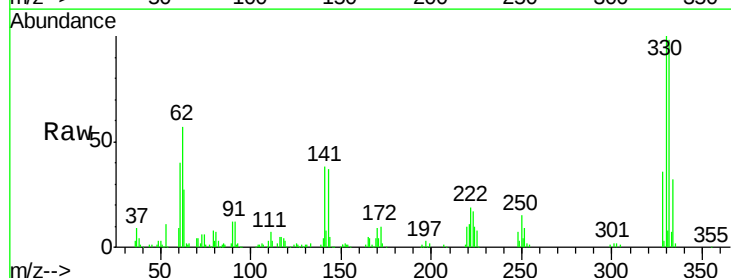
RT: 15.66 min Scan# 2171

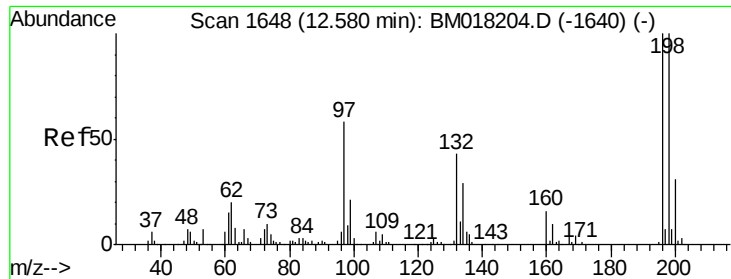
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	330	Resp:	186464
Ion Ratio	Lower	Upper	
330	100		
332	98.2	78.6	118.0
141	37.0	27.1	40.7





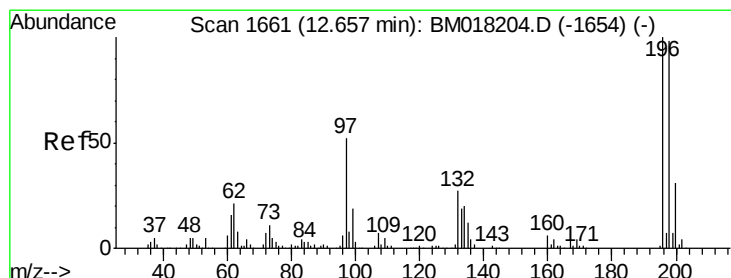
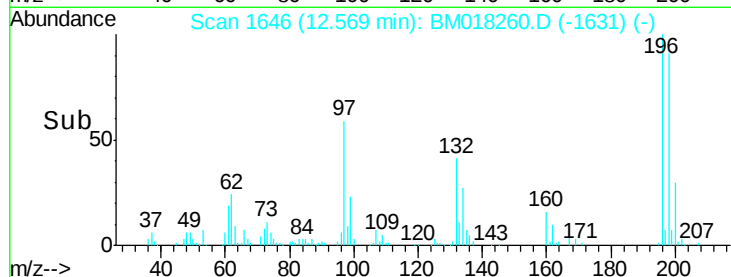
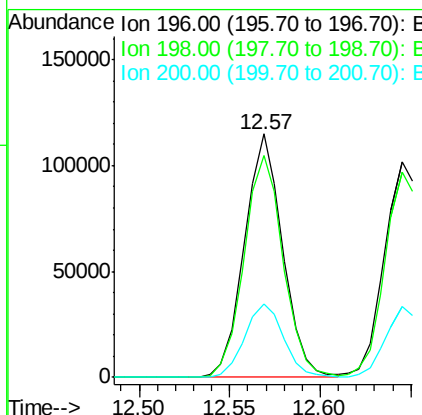
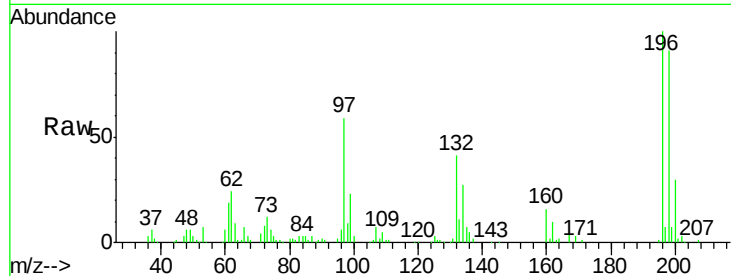
#43
 2,4,6-Trichlorophenol
 Concen: 37.141 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168266		
198	90.9	80.1	120.1	
200	30.2	24.9	37.3	

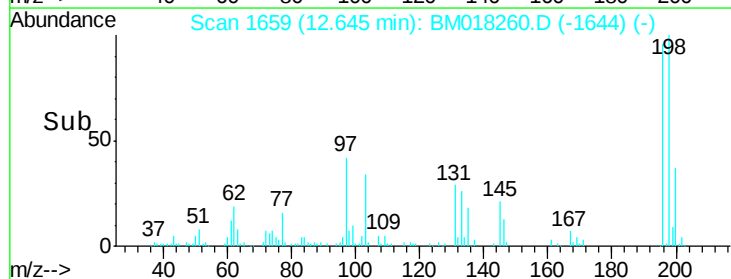
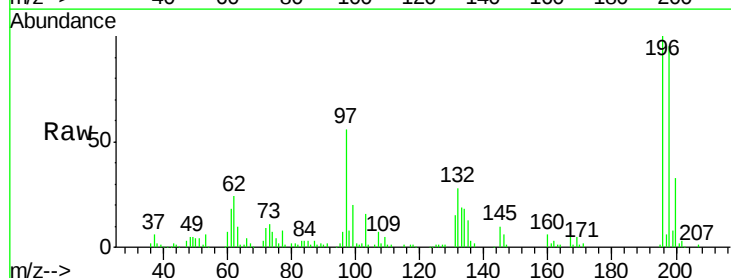
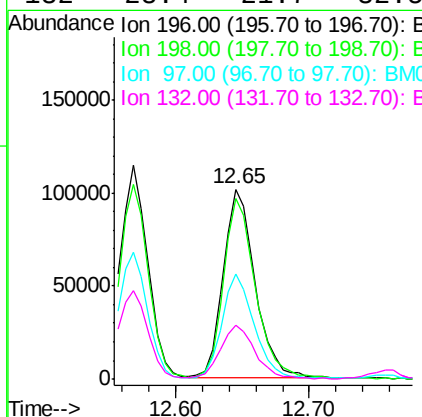
Manual Integrations
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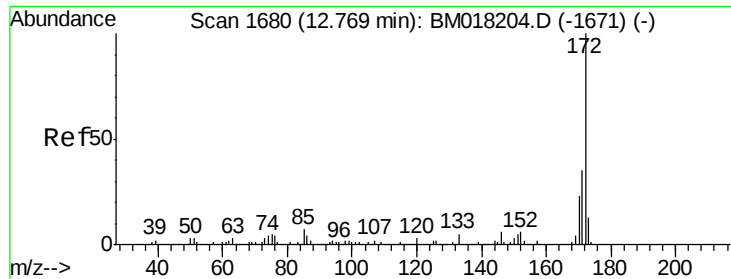
Sohil
 12/18/2018 6:15:18 PM



#44
 2,4,5-Trichlorophenol
 Concen: 35.371 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170120		
198	95.2	78.5	117.7	
97	55.7	41.9	62.9	
132	28.4	21.7	32.5	





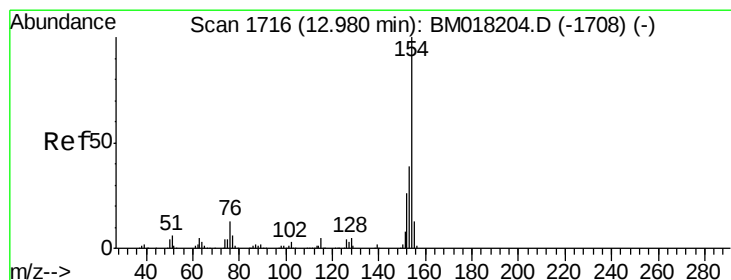
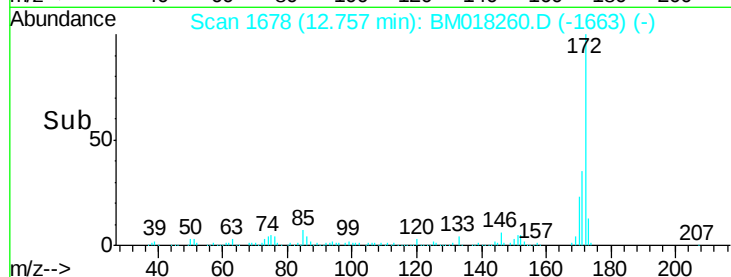
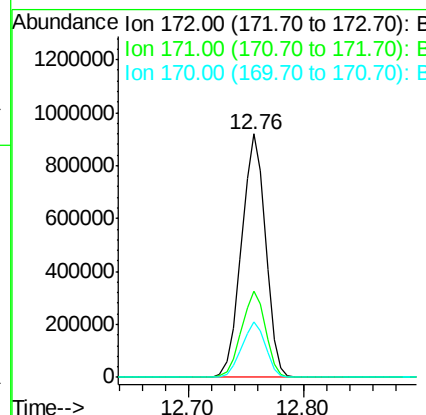
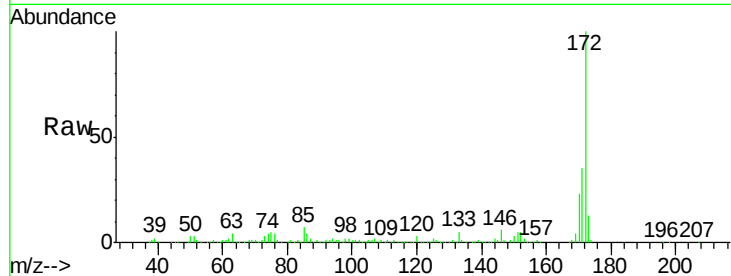
#45
 2-Fluorobiphenyl
 Concen: 83.766 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.6	18.1	27.1

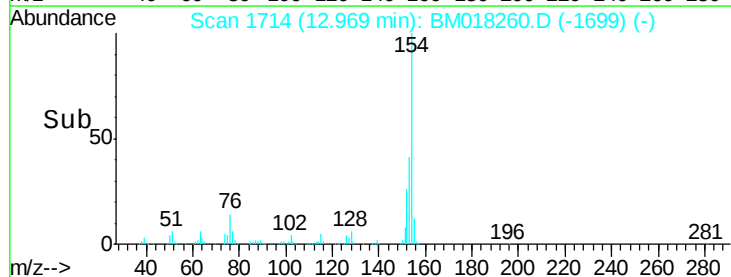
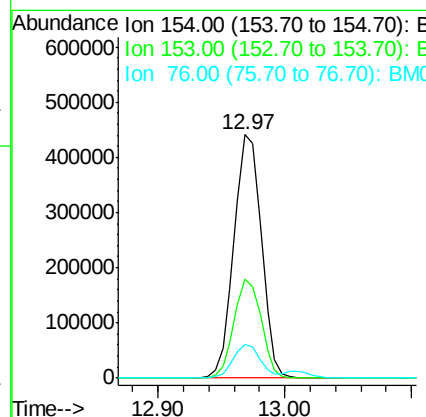
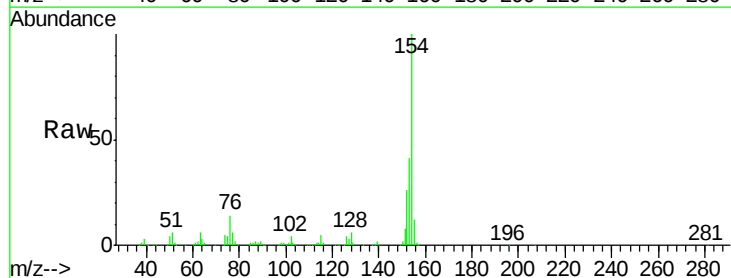
Manual Integrations
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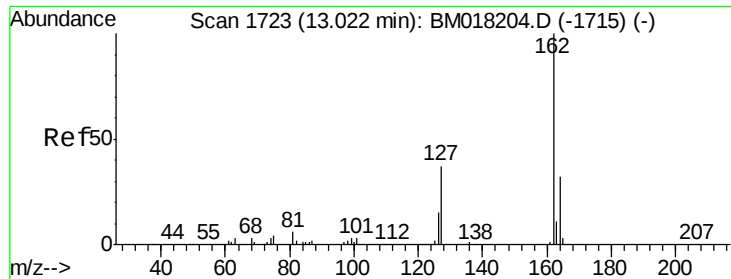
Sohil
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#46
 1,1'-Biphenyl
 Concen: 35.844 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.5	59.5
76	13.7	0.0	33.1





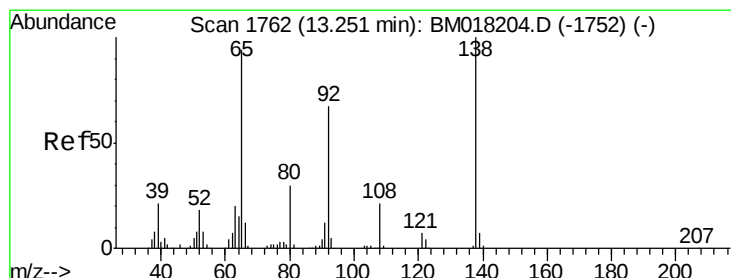
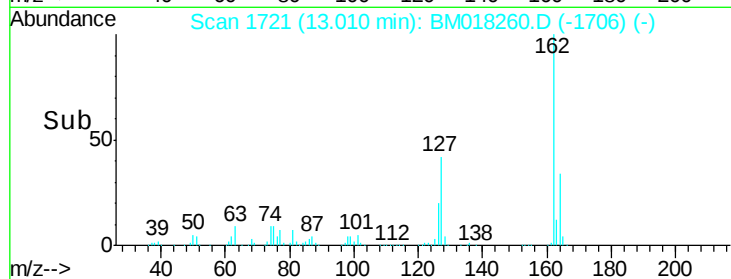
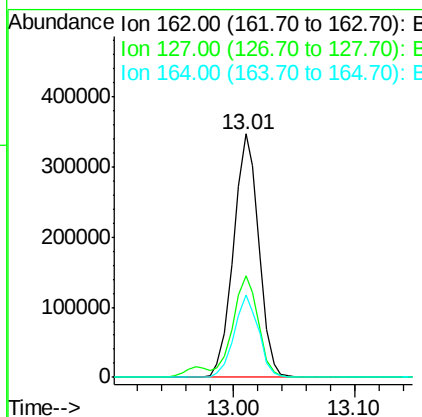
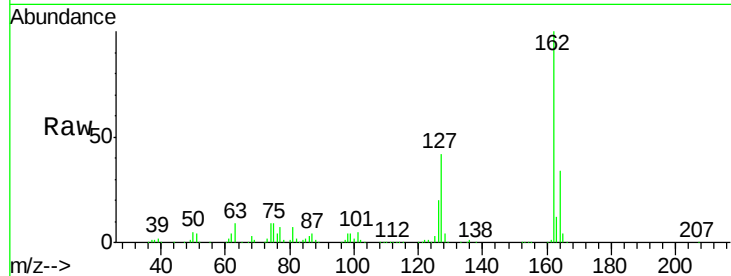
#47
2-Chloronaphthalene
Concen: 37.371 ng
RT: 13.01 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	31.8	47.8
164	33.6	25.9	38.9

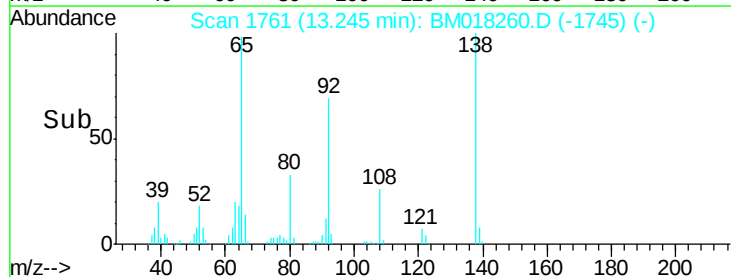
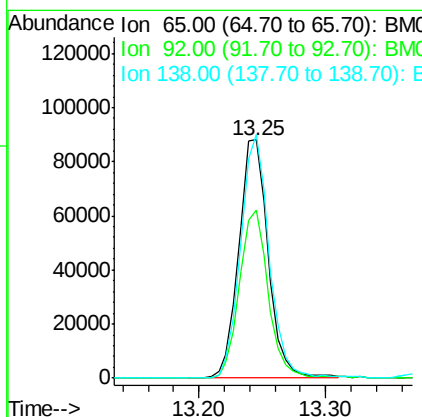
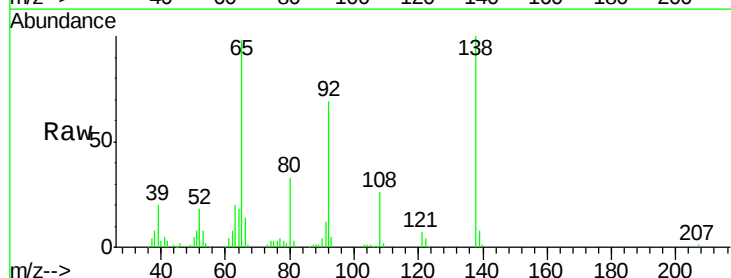
Manual Integrations
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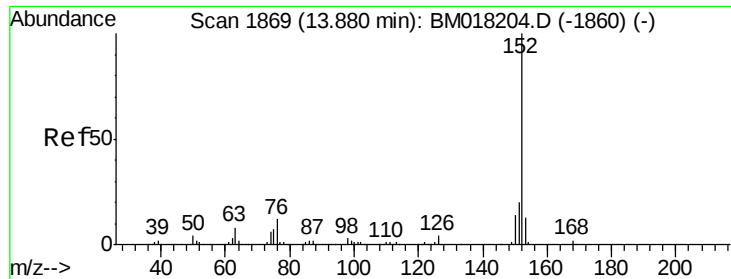
Sohil
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#48
2-Nitroaniline
Concen: 33.944 ng
RT: 13.25 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	56.8	85.2
138	102.1	85.1	127.7





#49

Acenaphthylene

Concen: 38.207 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

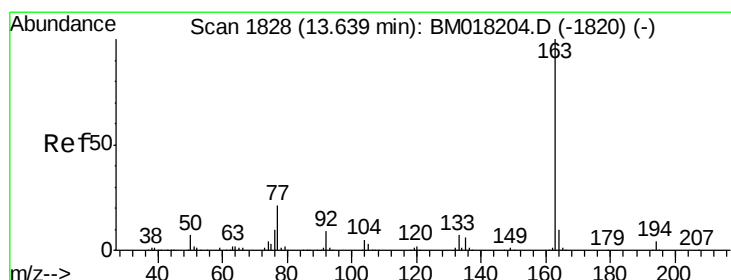
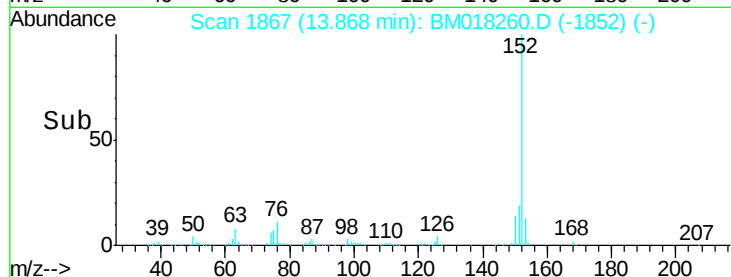
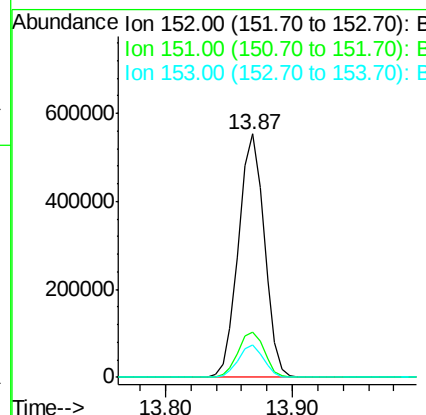
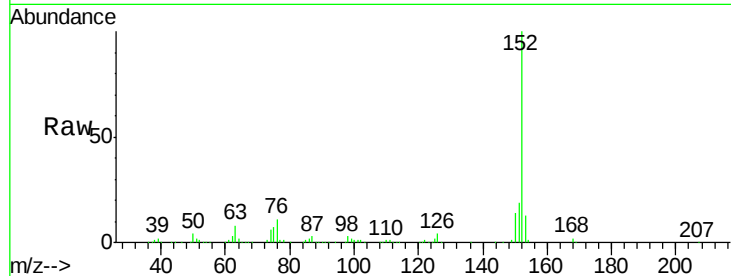
ClientSampleId :

PB115777BS

Tgt Ion:	152	Resp:	780930
Ion Ratio	Lower	Upper	
152	100		
151	18.7	16.0	24.0
153	13.3	10.2	15.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 33.693 ng

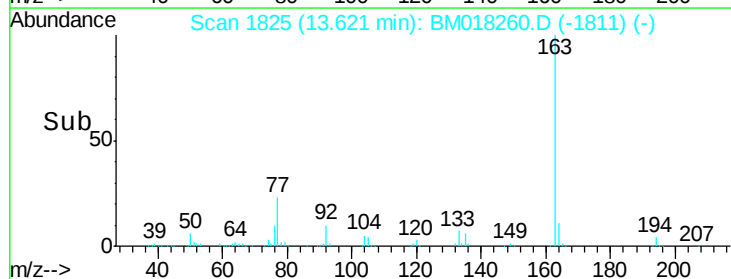
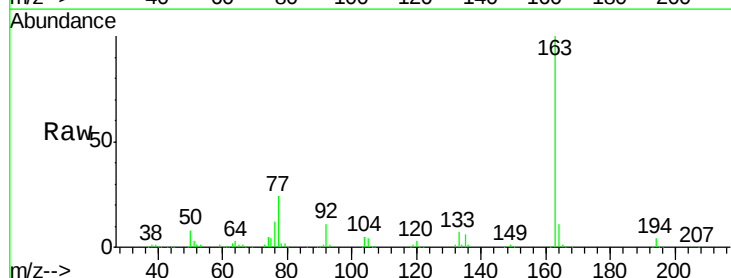
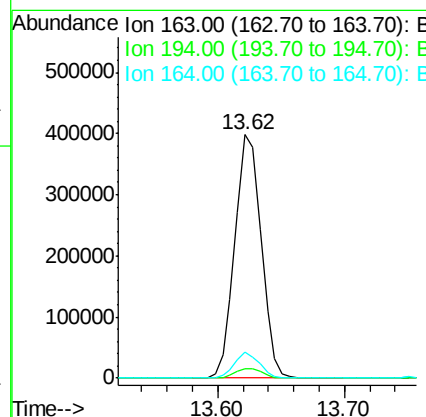
RT: 13.62 min Scan# 1825

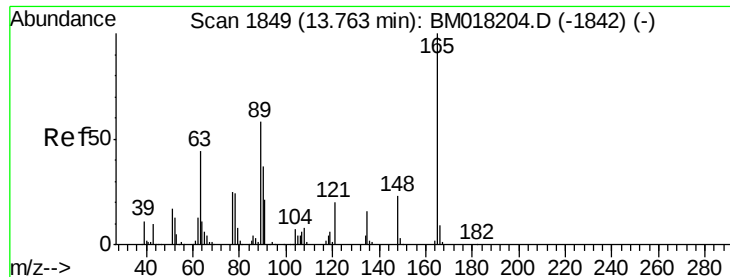
Delta R.T. -0.02 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	163	Resp:	573775
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.8	7.9	11.9





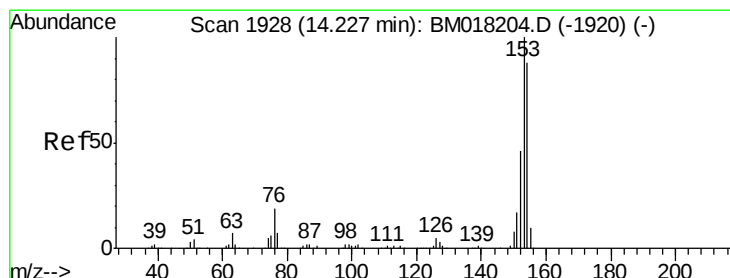
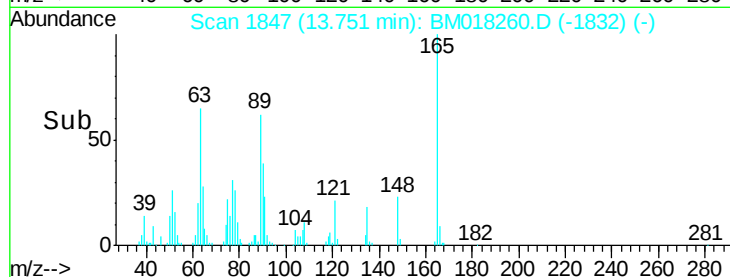
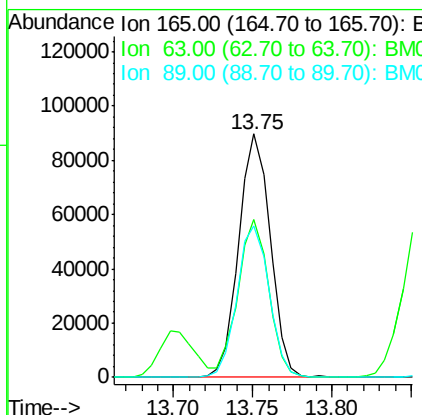
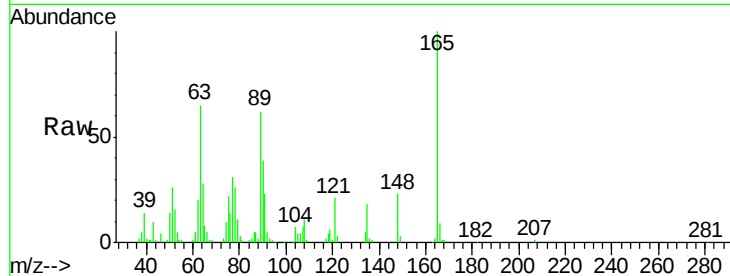
#51
2,6-Dinitrotoluene
Concen: 33.229 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	124399		
63	64.7	46.6	69.8	
89	62.1	46.3	69.5	

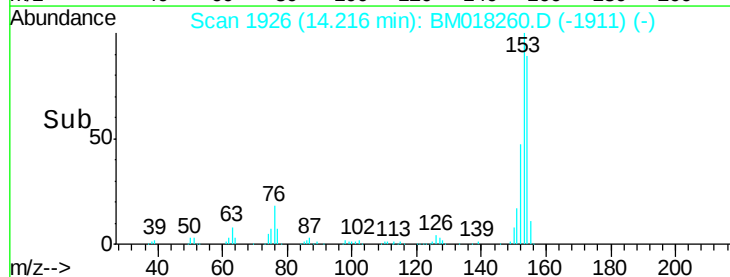
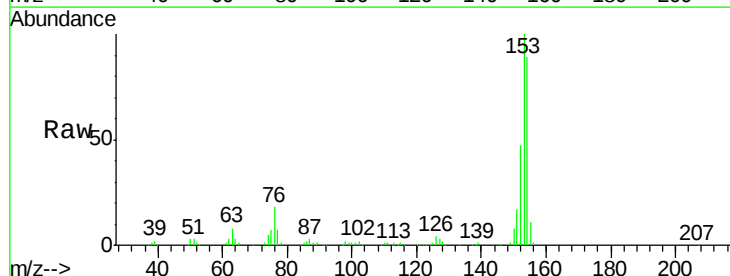
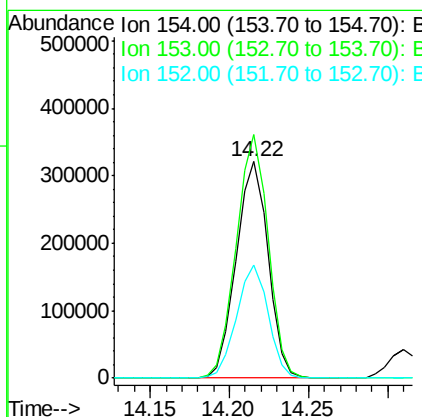
Manual Integrations
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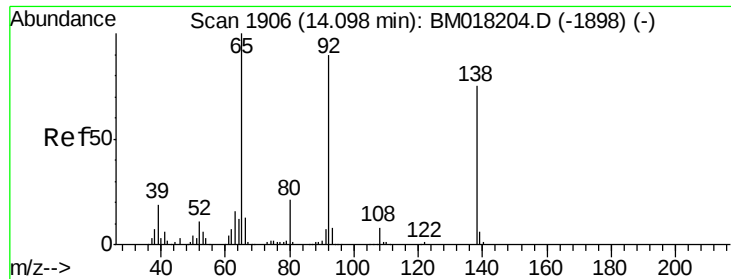
Sohil
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#52
Acenaphthene
Concen: 35.883 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	448224		
153	112.5	90.4	135.6	
152	52.5	41.2	61.8	





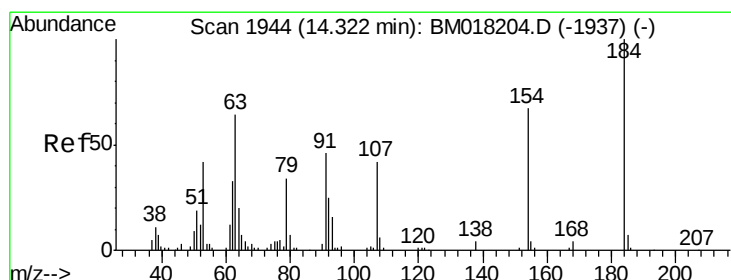
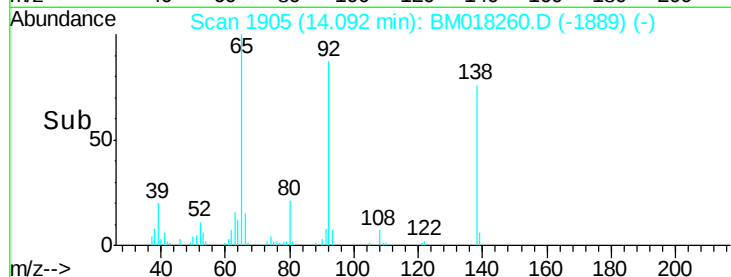
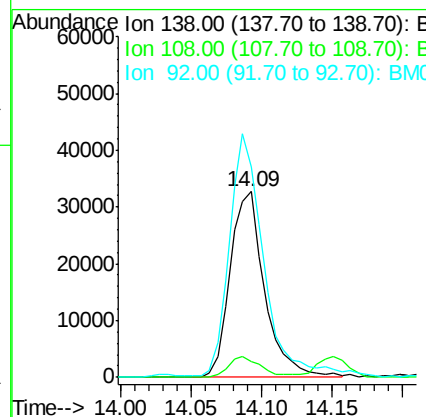
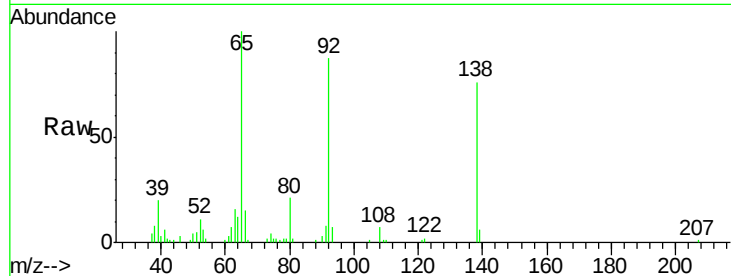
#53
3-Nitroaniline
Concen: 14.126 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion:138 Resp: 55650
Ion Ratio Lower Upper
138 100
108 8.7 8.4 12.6
92 113.5 94.9 142.3

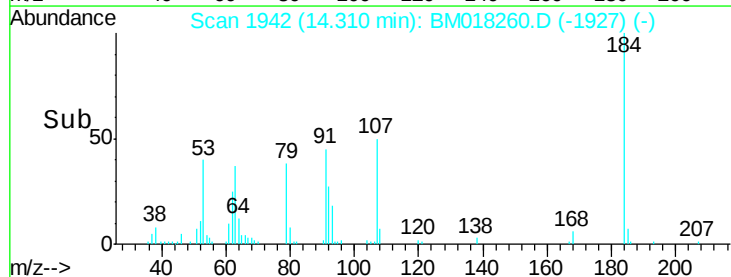
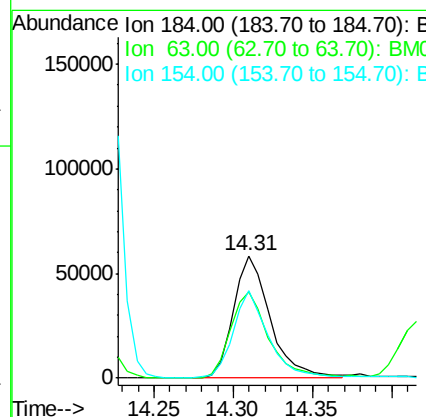
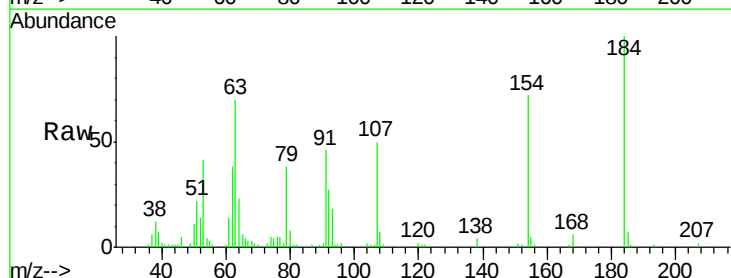
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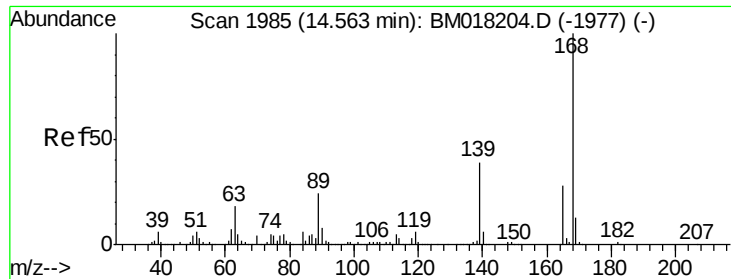
Sohil
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#54
2,4-Dinitrophenol
Concen: 45.533 ng
RT: 14.31 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion:184 Resp: 94030
Ion Ratio Lower Upper
184 100
63 70.0 51.6 77.4
154 71.5 54.0 81.0





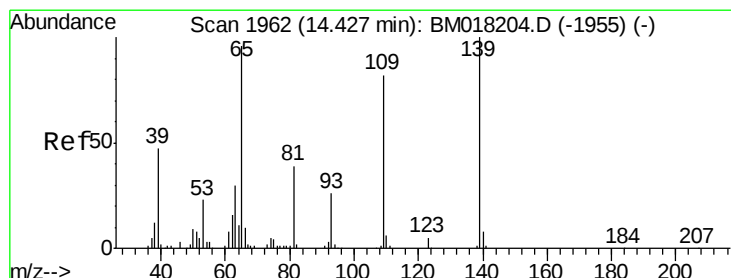
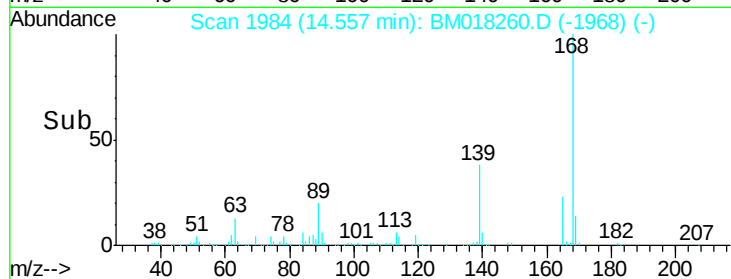
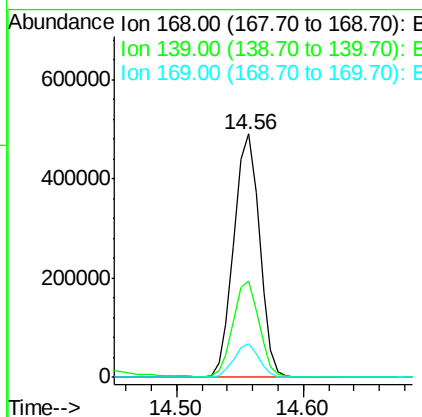
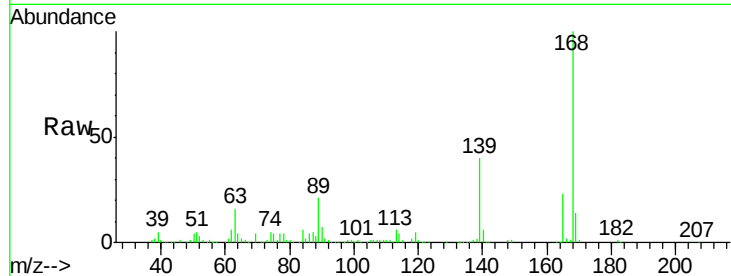
#55
Dibenzofuran
Concen: 34.367 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	689791		
139	39.7	31.2	46.8	
169	14.1	10.4	15.6	

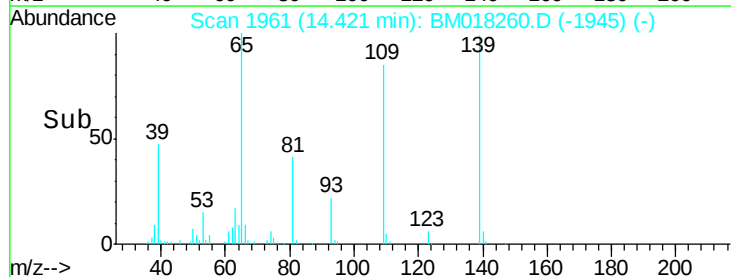
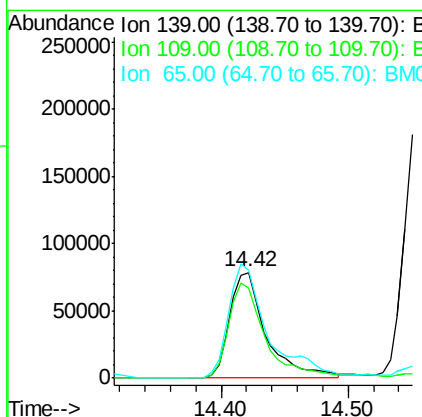
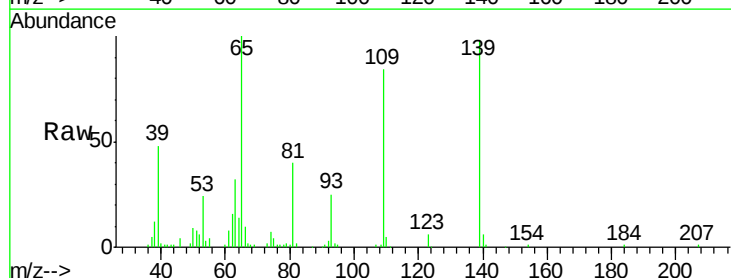
Manual Integrations
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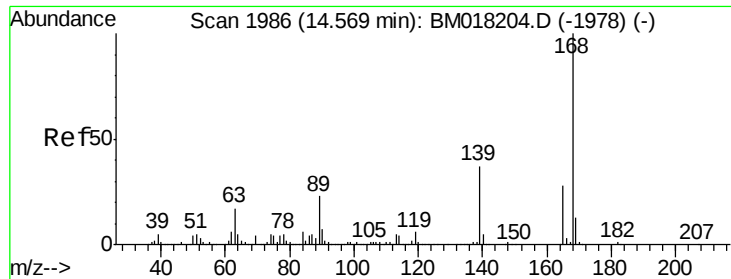
Sohil
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#56
4-Nitrophenol
Concen: 52.817 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

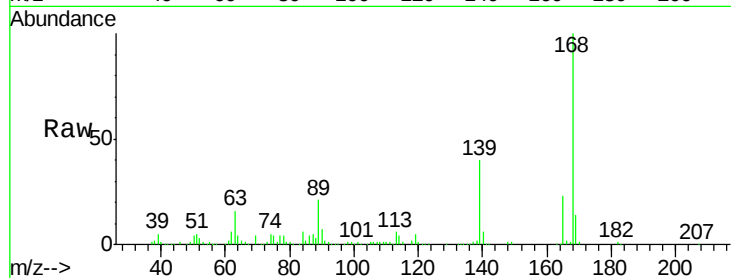
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	157762		
109	85.7	62.3	102.3	
65	102.5	76.4	116.4	





#57
 2,4-Dinitrotoluene
 Concen: 31.472 ng
 RT: 14.56 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

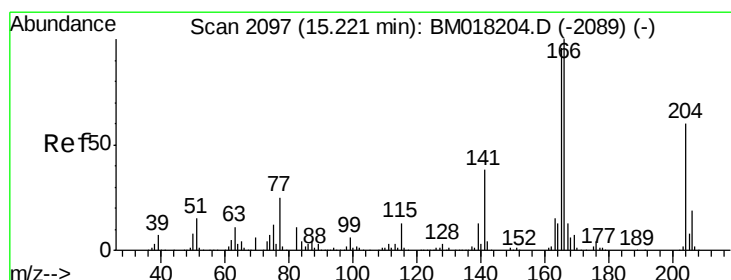
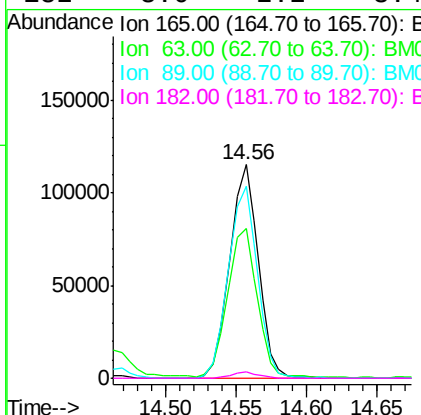
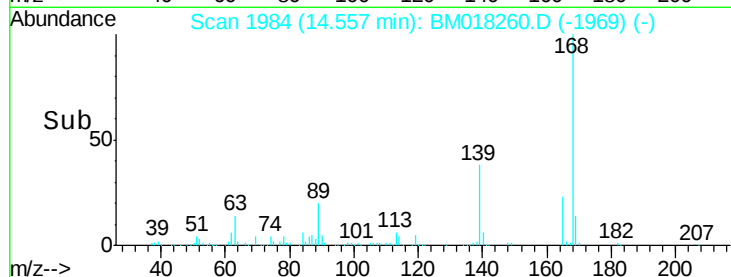
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	162856		
63	69.9	47.2	70.8	
89	89.6	65.8	98.8	
182	3.0	2.2	3.4	

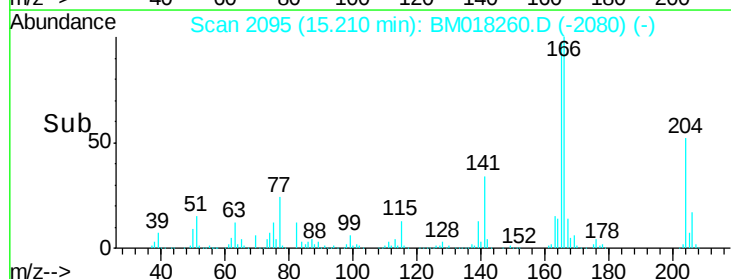
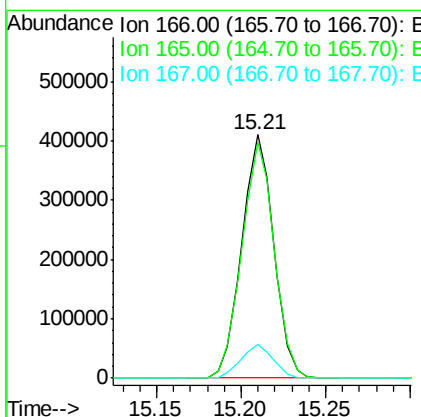
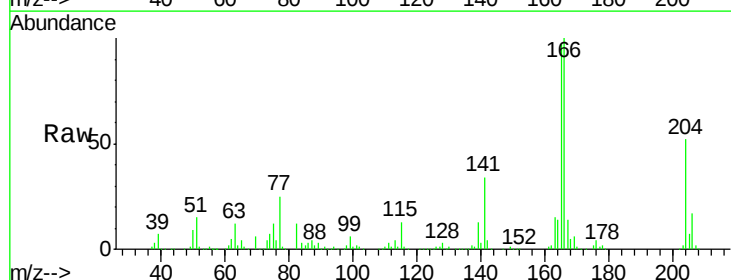
Manual Integrations
 APPROVED

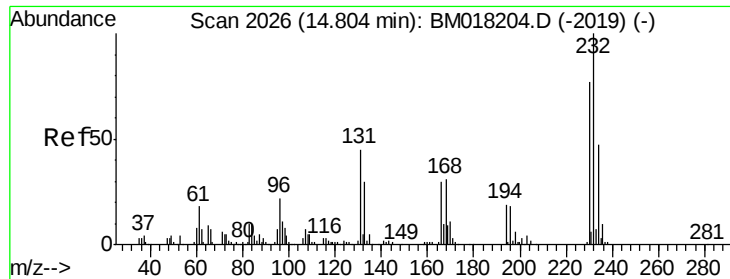
Sohil
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#58
 Fluorene
 Concen: 34.945 ng
 RT: 15.21 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	541728		
165	96.9	76.9	115.3	
167	13.7	10.5	15.7	





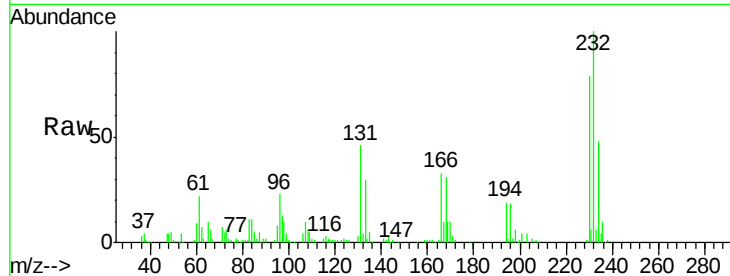
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.343 ng
RT: 14.79 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

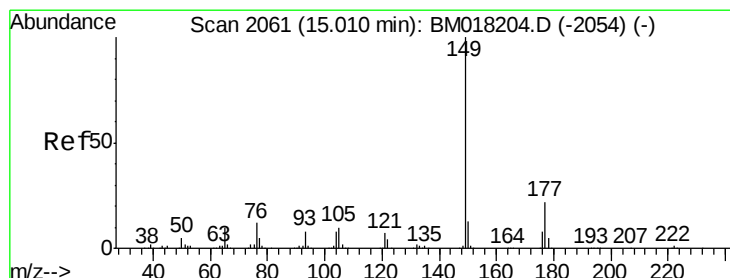
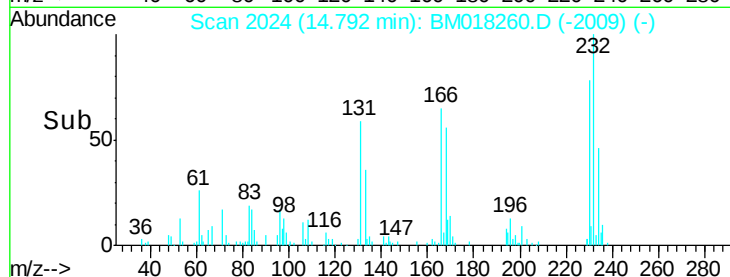
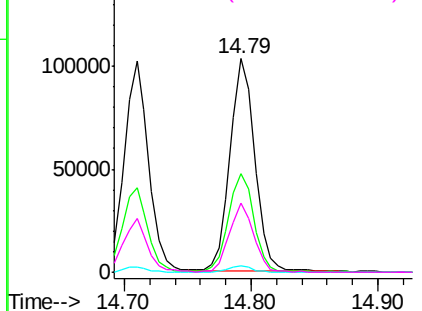
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	140094		
131	47.7	36.2	54.2	
130	2.7	1.8	2.6	
166	32.0	24.8	37.2	

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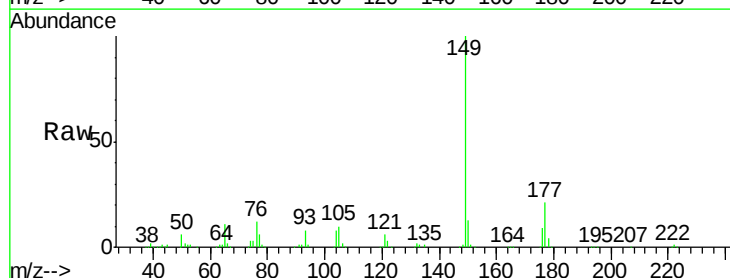


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

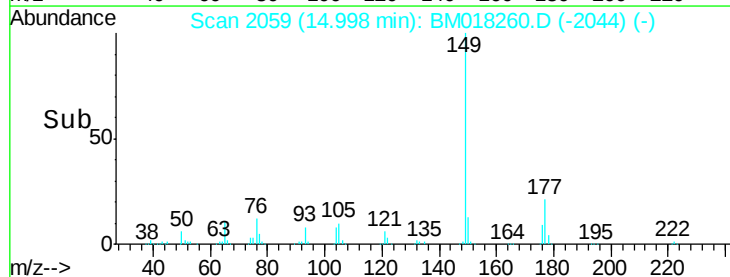
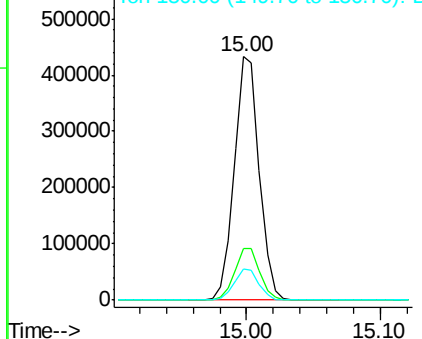


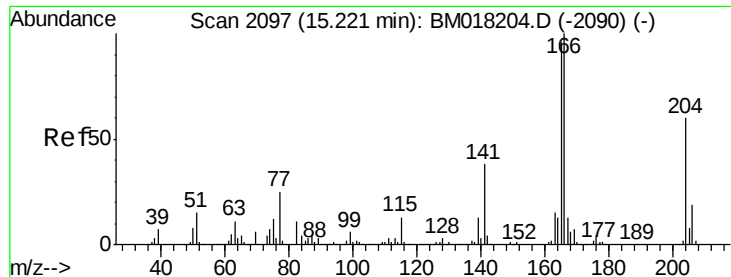
#60
Diethylphthalate
Concen: 30.552 ng
RT: 15.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	561488		
177	21.1	17.8	26.8	
150	12.7	10.3	15.5	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 32.327 ng

RT: 15.21 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

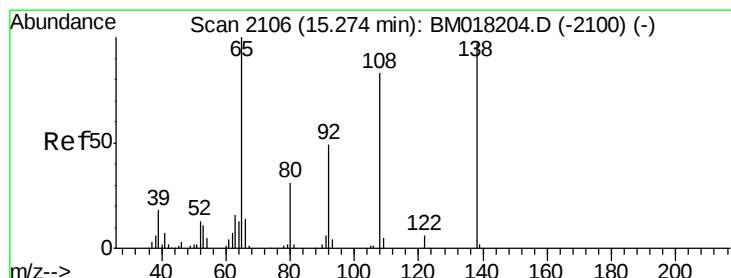
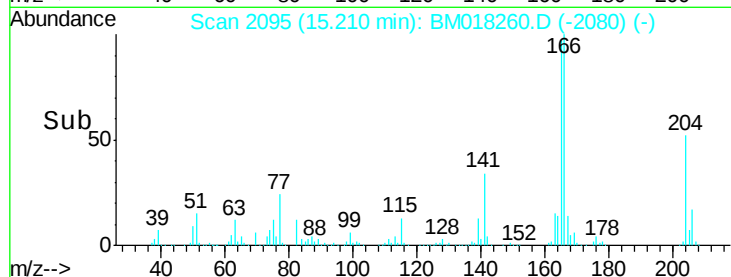
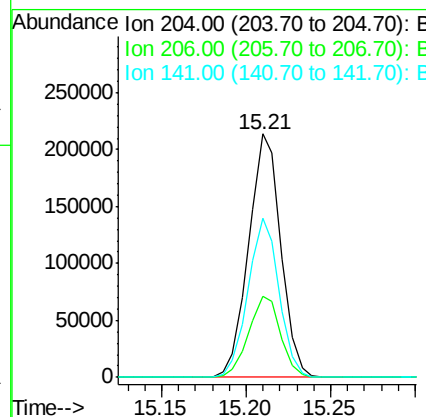
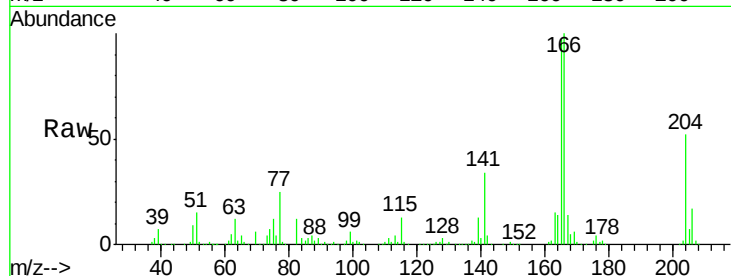
ClientSampleId :

PB115777BS

Tgt Ion:	204	Resp:	283420
Ion Ratio	Lower	Upper	
204	100		
206	33.5	25.8	38.6
141	65.4	50.2	75.4

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#62

4-Nitroaniline

Concen: 23.874 ng

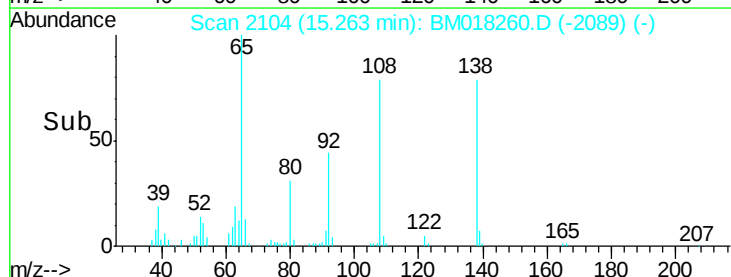
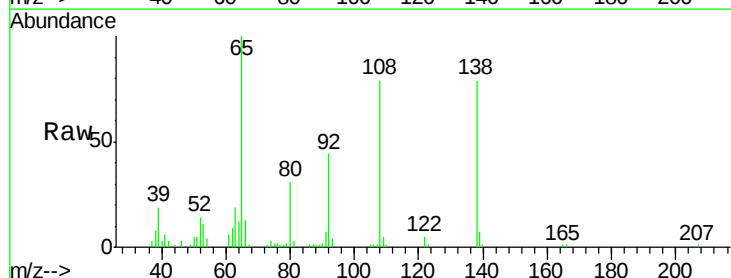
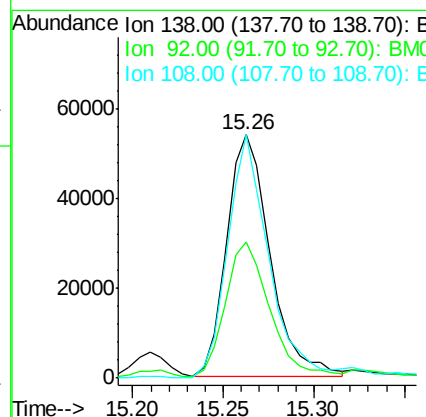
RT: 15.26 min Scan# 2104

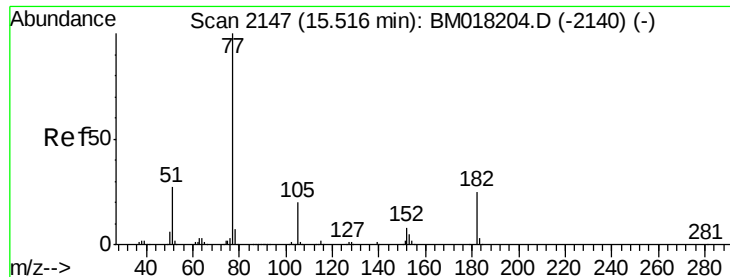
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	138	Resp:	89245
Ion Ratio	Lower	Upper	
138	100		
92	56.0	31.1	71.1
108	99.9	65.0	105.0





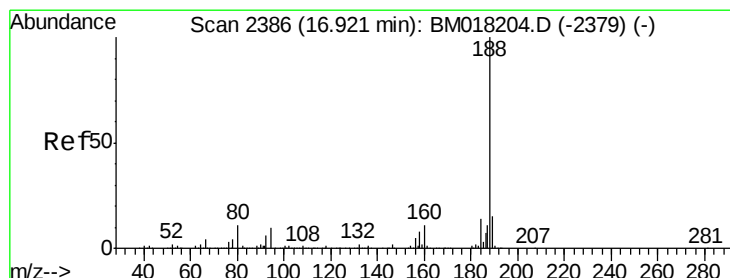
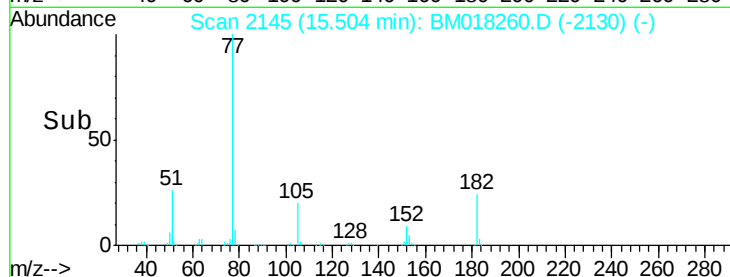
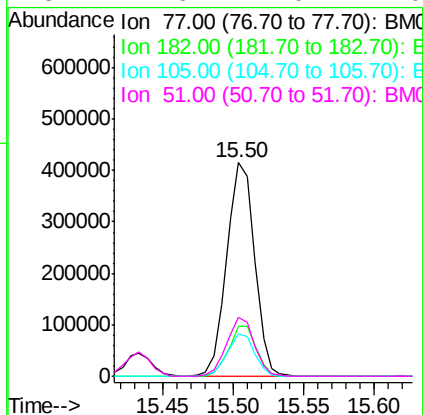
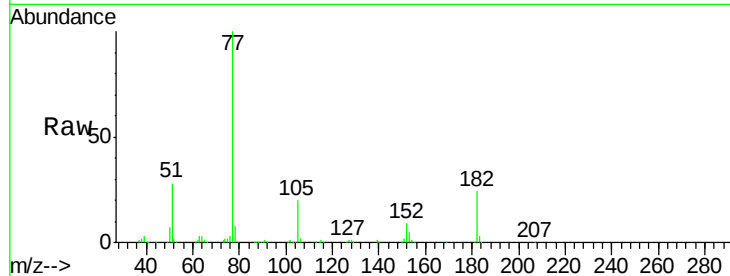
#63
Azobenzene
Concen: 34.158 ng
RT: 15.50 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	572390		
182	23.5	4.6	44.6	
105	19.7	0.2	40.2	
51	27.6	7.0	47.0	

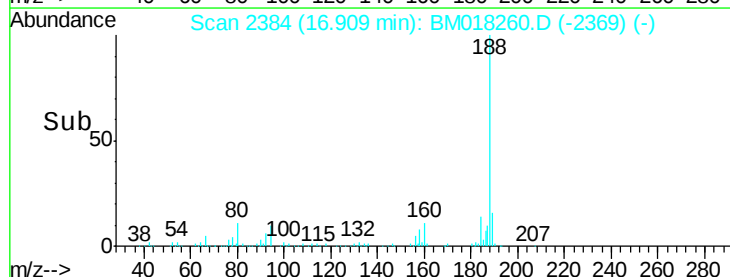
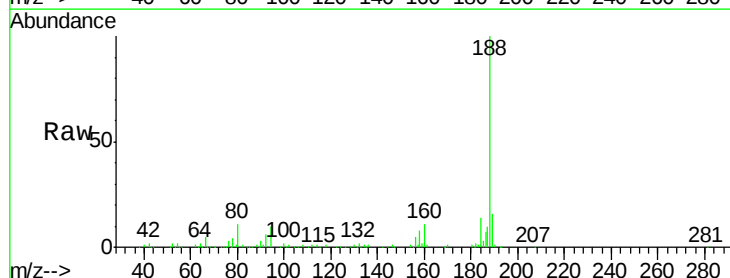
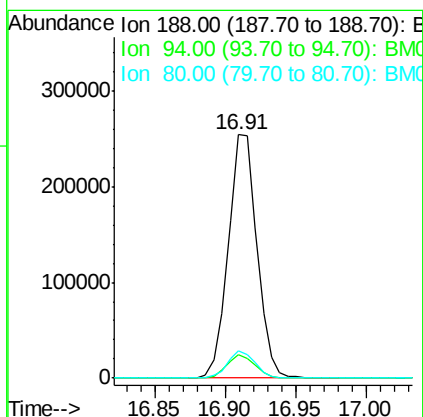
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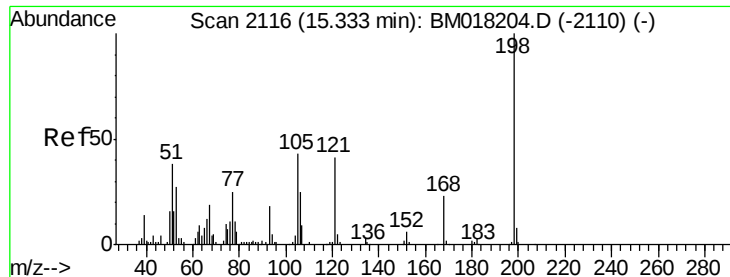
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	360113		
94	9.6	8.0	12.0	
80	11.5	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 25.872 ng

RT: 15.33 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

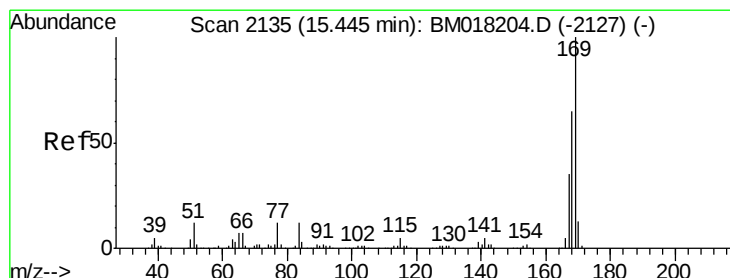
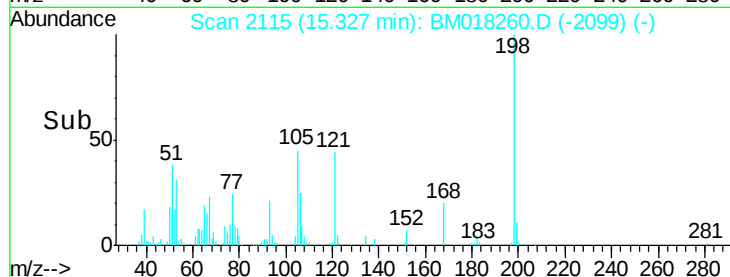
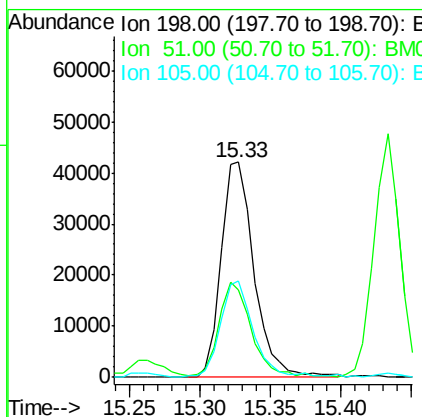
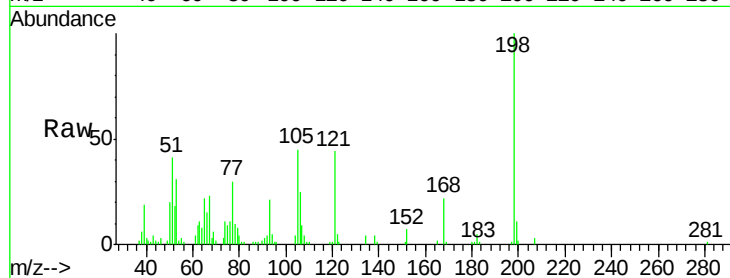
ClientSampleId :

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Tgt Ion:	198	Resp:	68589
Ion Ratio	Lower	Upper	
198	100		
51	40.9	18.6	58.6
105	45.1	22.9	62.9

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#66

n-Nitrosodiphenylamine

Concen: 38.731 ng

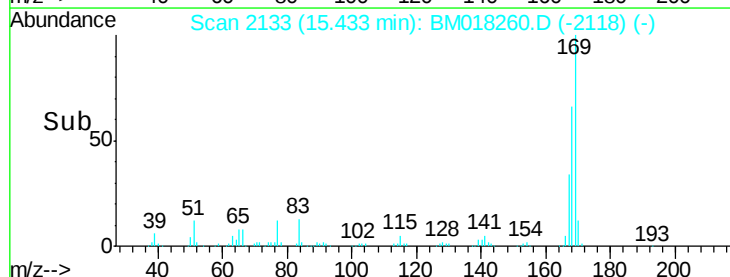
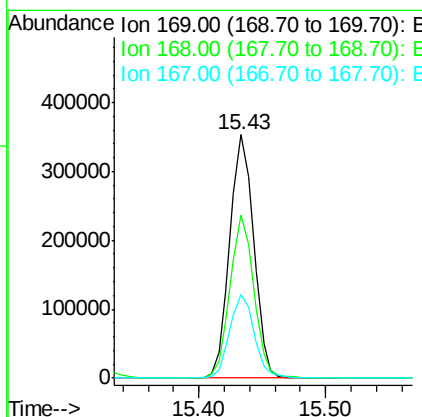
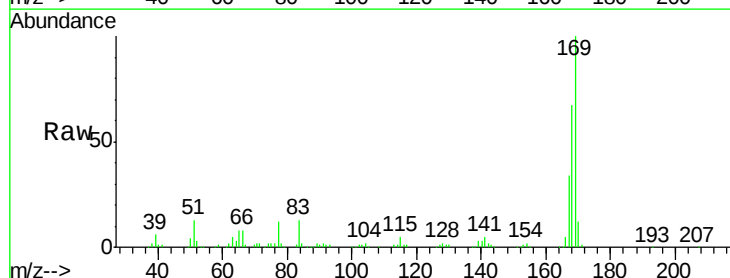
RT: 15.43 min Scan# 2133

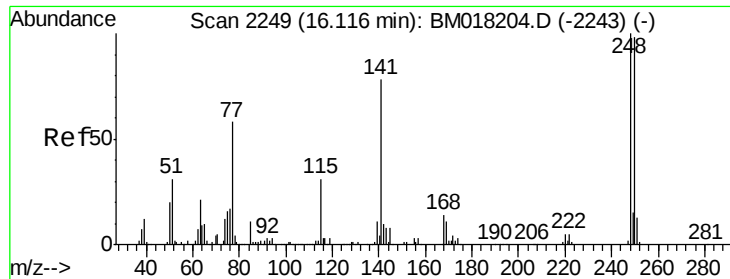
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	169	Resp:	461223
Ion Ratio	Lower	Upper	
169	100		
168	66.9	52.2	78.4
167	34.3	27.6	41.4





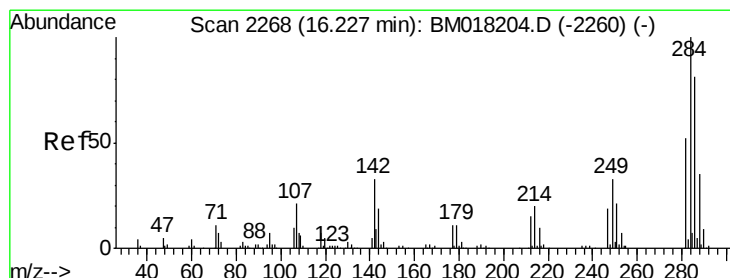
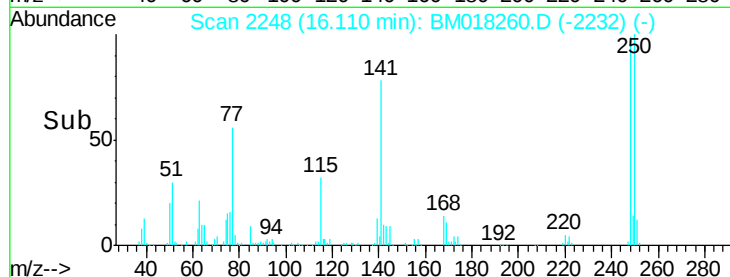
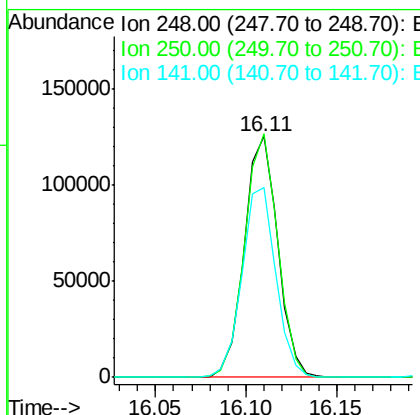
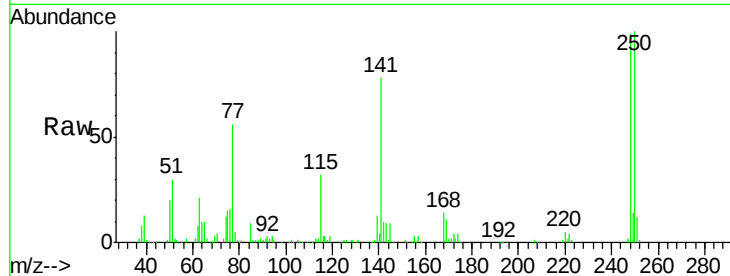
#67
 4-Bromophenyl-phenylether
 Concen: 36.932 ng
 RT: 16.11 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.2	78.7	118.1
141	78.8	62.2	93.4

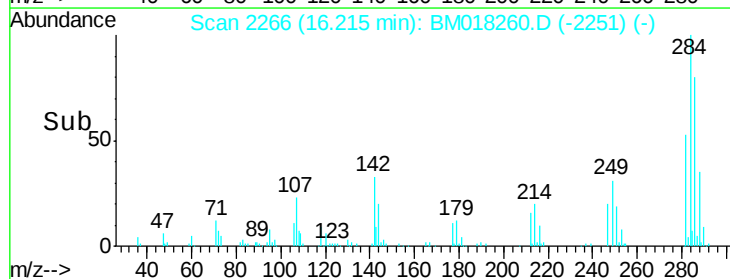
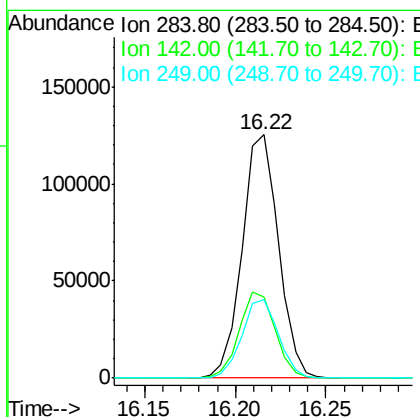
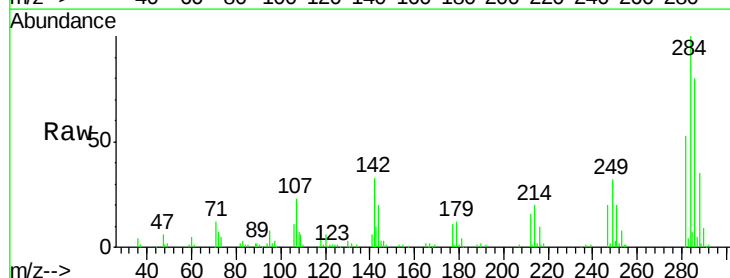
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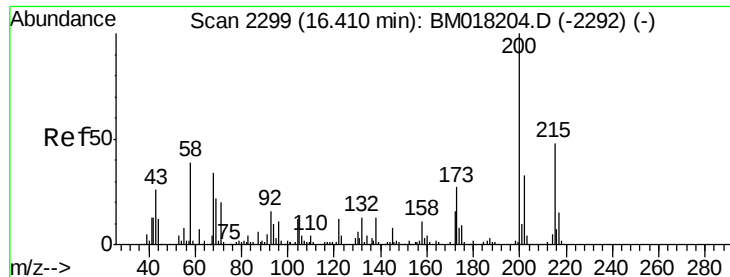
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#68
 Hexachlorobenzene
 Concen: 36.477 ng
 RT: 16.22 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.2	39.4
249	32.0	26.2	39.2





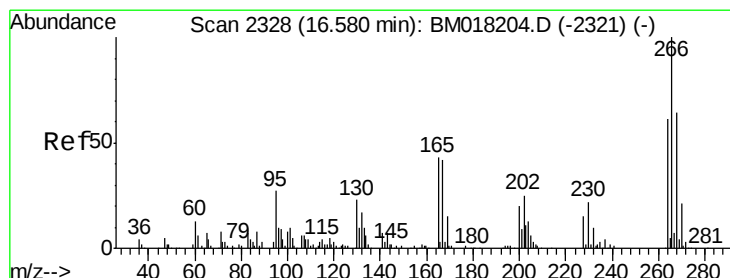
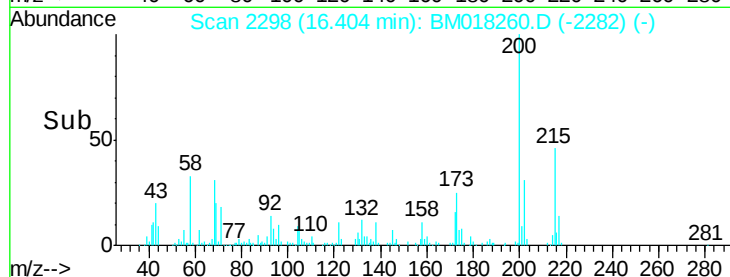
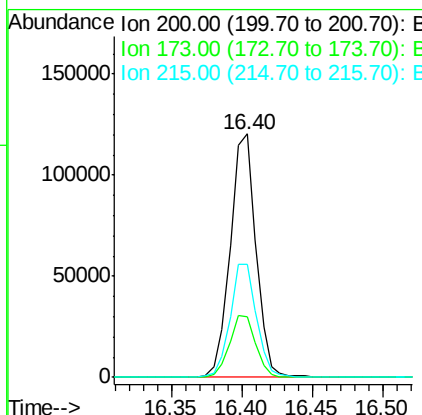
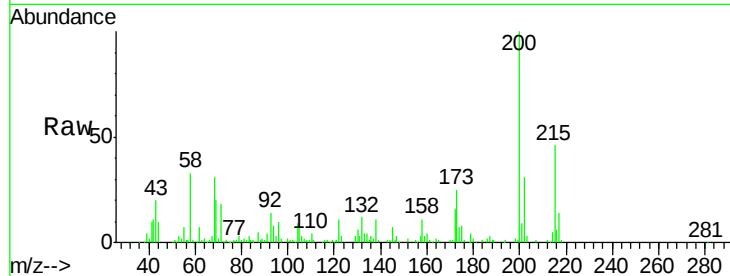
#69
 Atrazine
 Concen: 38.176 ng
 RT: 16.40 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	153474		
173	25.0	6.9	46.9	
215	46.4	27.9	67.9	

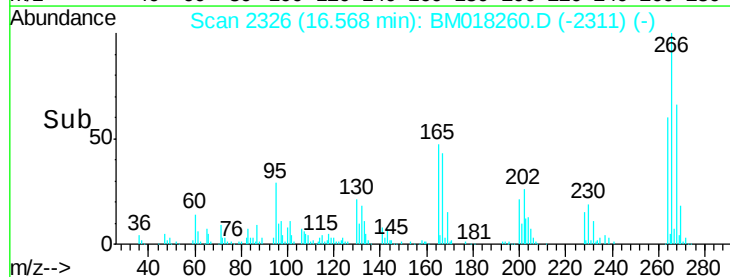
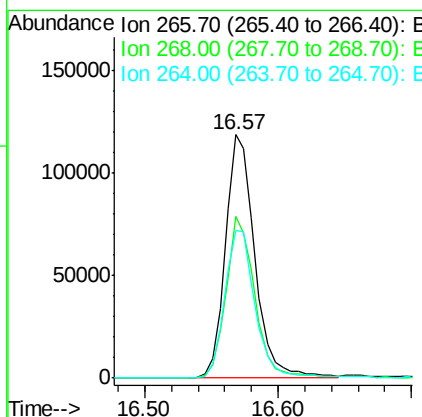
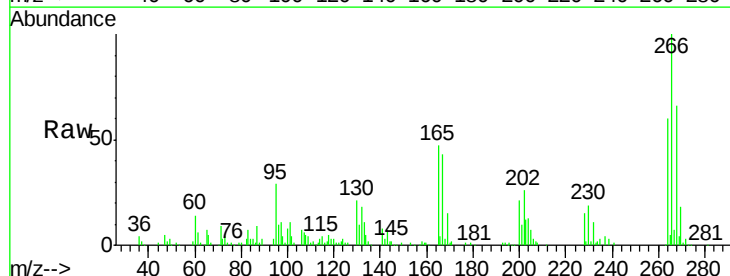
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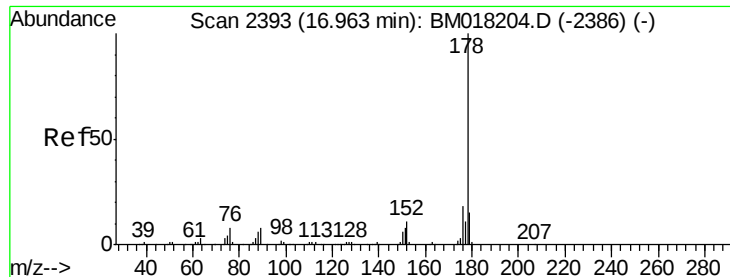
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#70
 Pentachlorophenol
 Concen: 58.331 ng
 RT: 16.57 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	184065		
268	66.4	51.1	76.7	
264	60.5	49.0	73.4	





#71

Phenanthrene

Concen: 37.759 ng

RT: 16.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

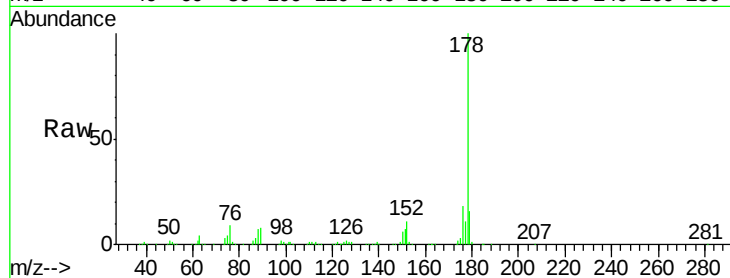
ClientSampleId :

PB115777BS

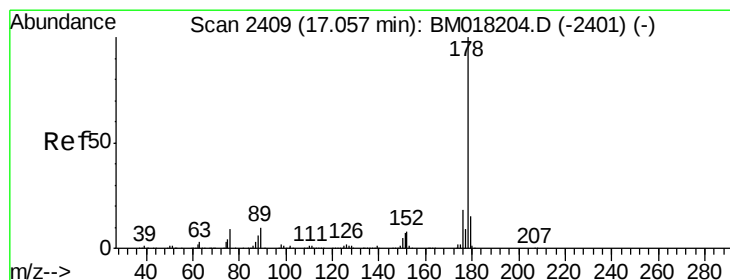
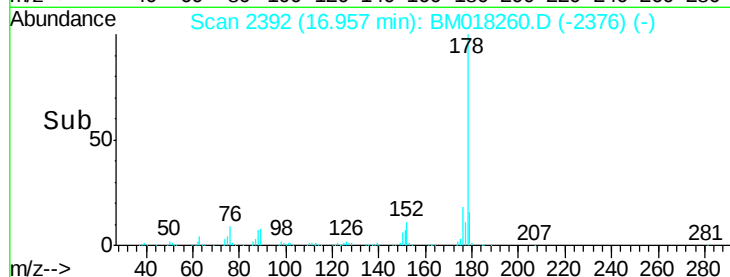
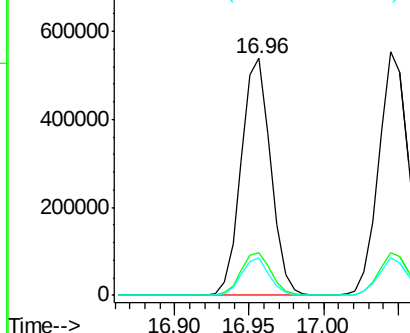
Tgt Ion:	178	Resp:	738583
Ion Ratio	Lower	Upper	
178	100		
176	17.9	14.7	22.1
179	15.9	12.0	18.0

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



#72

Anthracene

Concen: 38.885 ng

RT: 17.04 min Scan# 2407

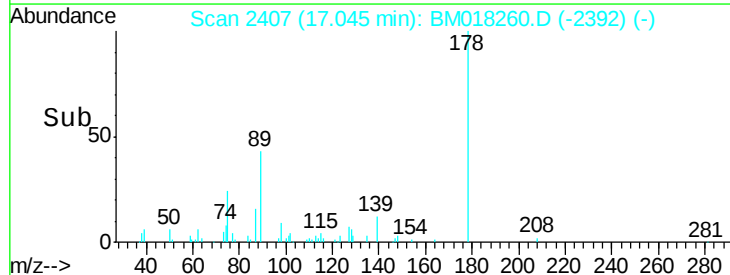
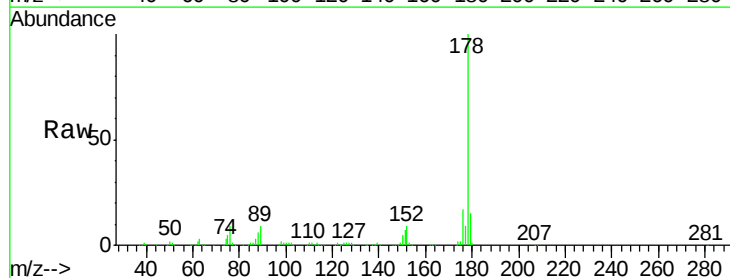
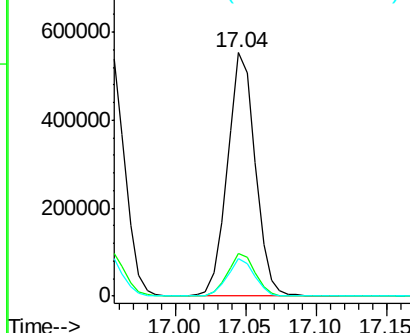
Delta R.T. -0.01 min

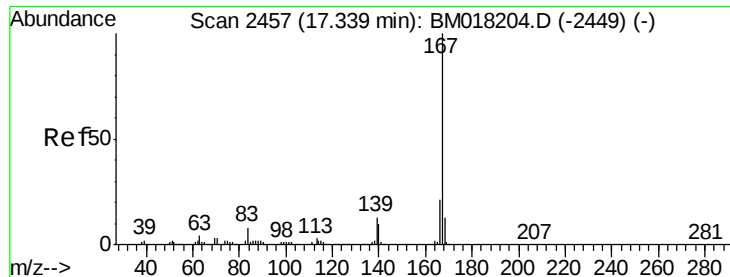
Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	178	Resp:	754578
Ion Ratio	Lower	Upper	
178	100		
176	17.3	14.3	21.5
179	15.2	12.0	18.0

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





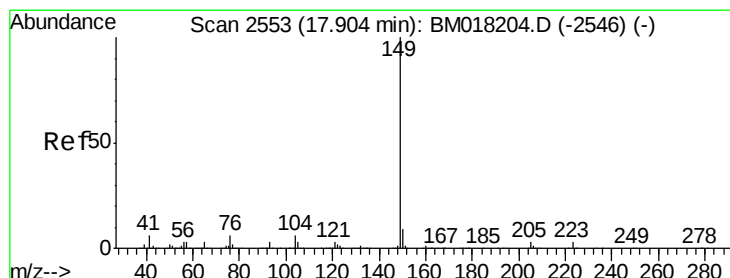
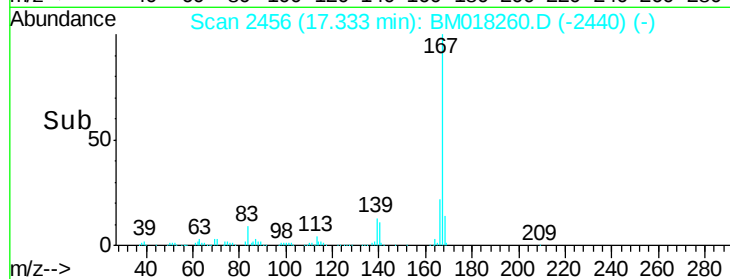
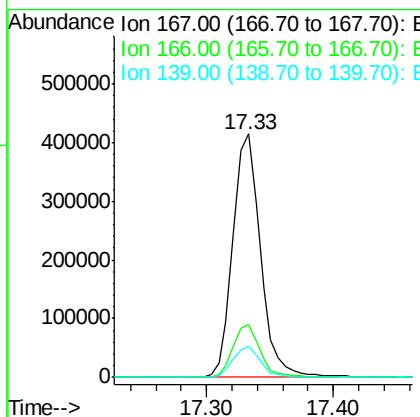
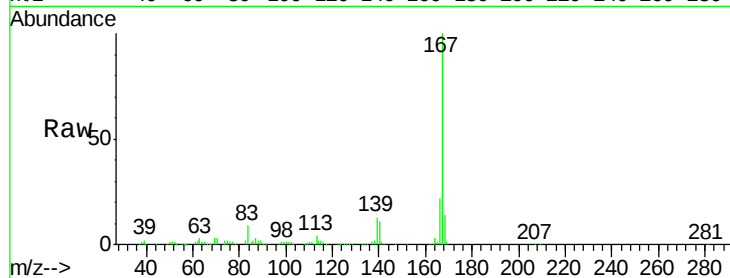
#73
 Carbazole
 Concen: 31.348 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	624387		
166	21.8		16.8	25.2
139	12.5		10.3	15.5

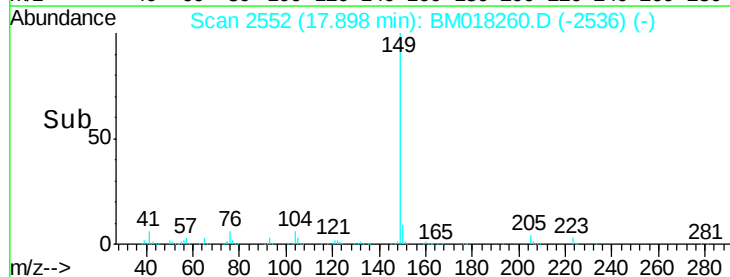
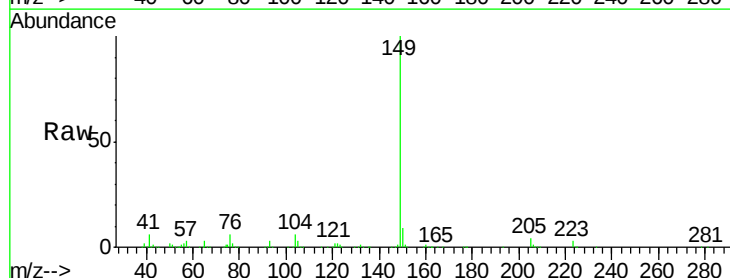
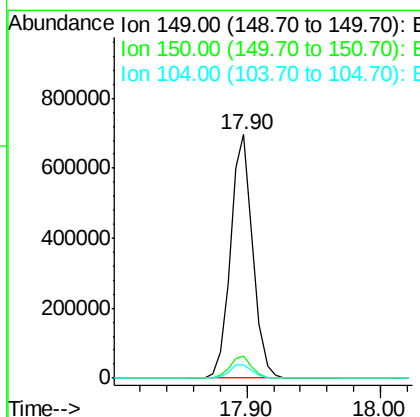
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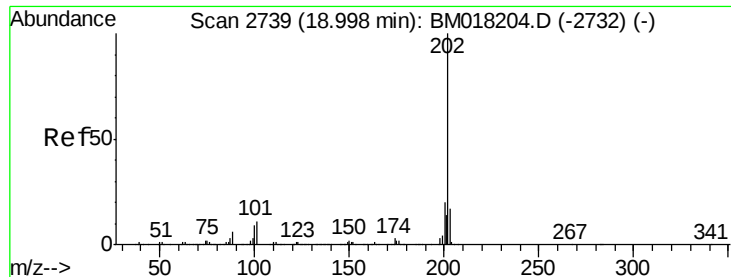
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#74
 Di-n-butylphthalate
 Concen: 32.840 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	807079		
150	9.4		7.3	10.9
104	5.6		4.8	7.2





#75

Fluoranthene

Concen: 32.893 ng

RT: 18.99 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

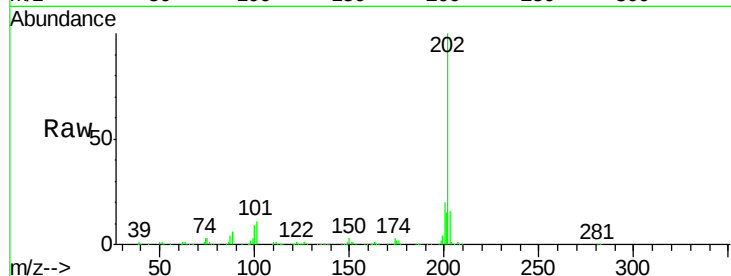
ClientSampleId :

PB115777BS

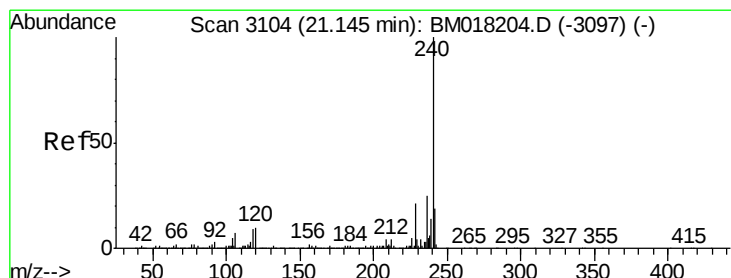
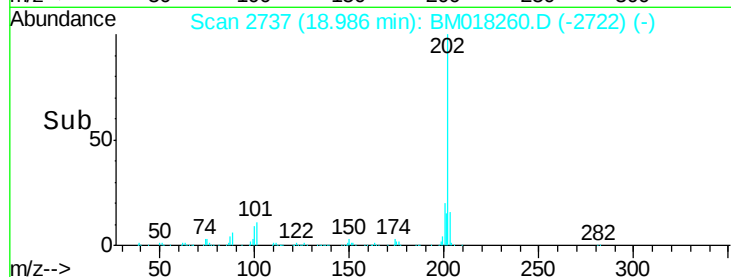
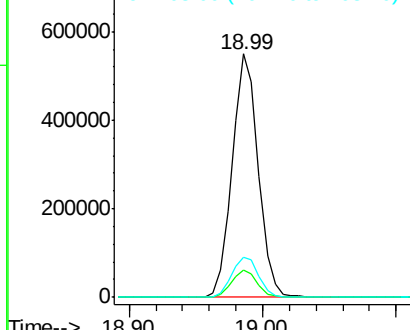
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		748061		
101	11.0	0.0	30.5		
203	16.4	0.0	37.5		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

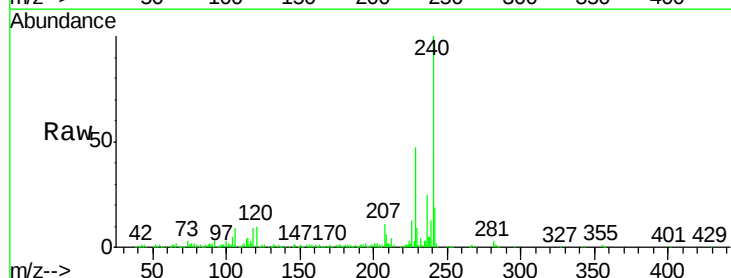
RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

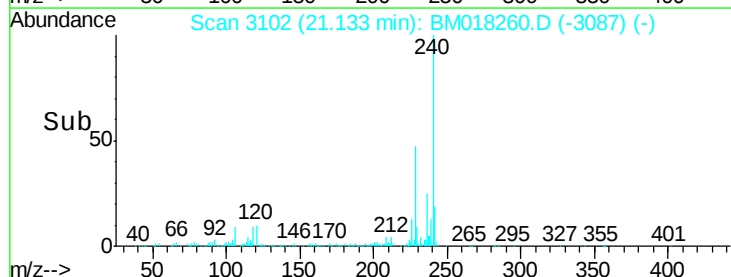
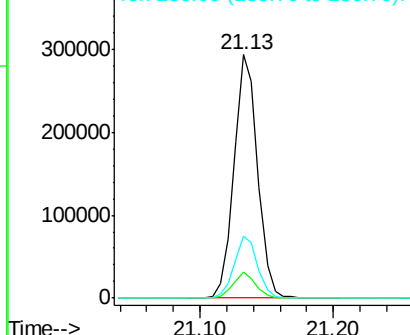
Lab File: BM018260.D

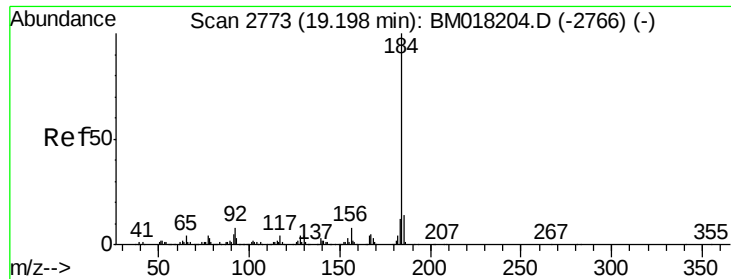
Acq: 17 Dec 2018 23:07

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		362125		
120	10.4	8.2	12.2		
236	25.3	20.3	30.5		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.635 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

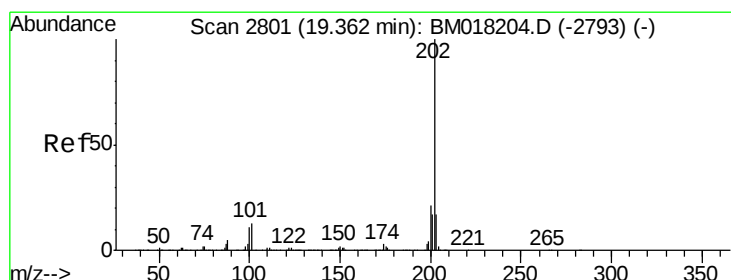
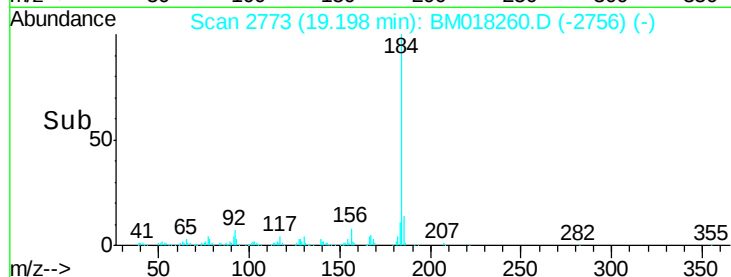
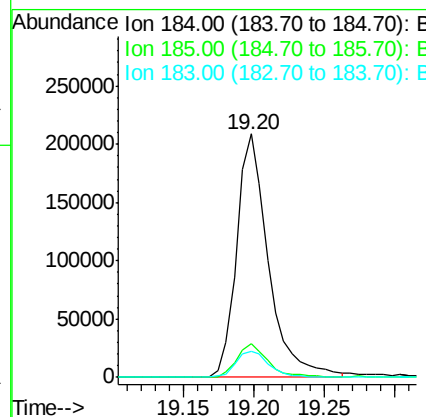
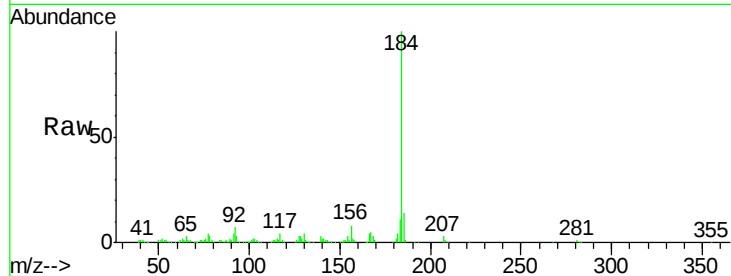
ClientSampleId :

PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	327228		
185	14.0		11.4	17.2
183	10.9		9.7	14.5

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#78

Pyrene

Concen: 36.008 ng

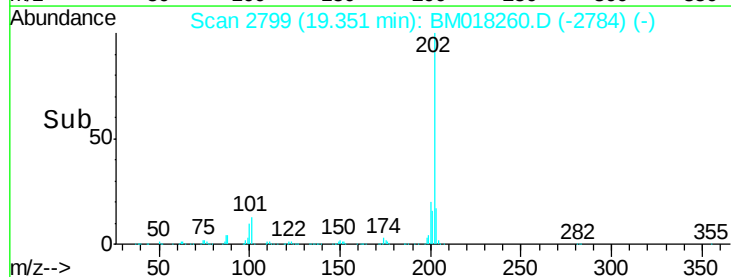
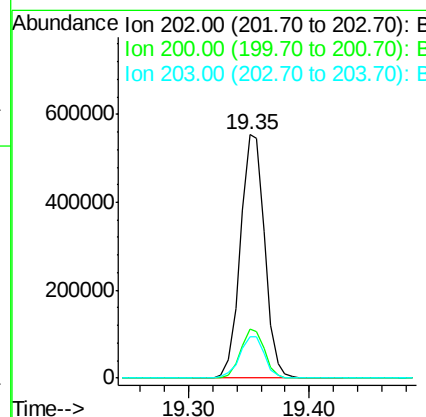
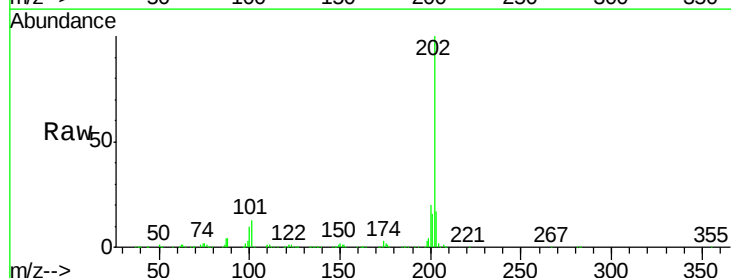
RT: 19.35 min Scan# 2799

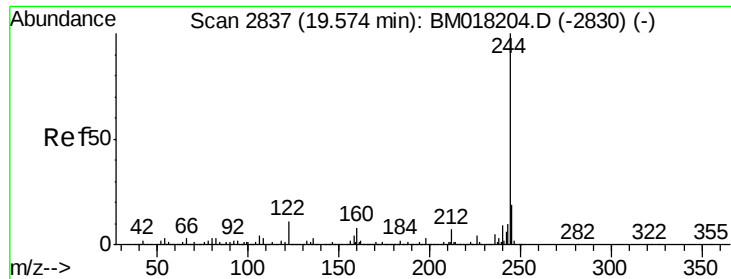
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	776956		
200	20.4		16.5	24.7
203	16.9		14.0	21.0





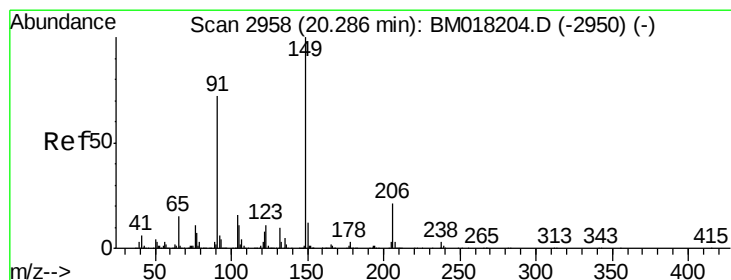
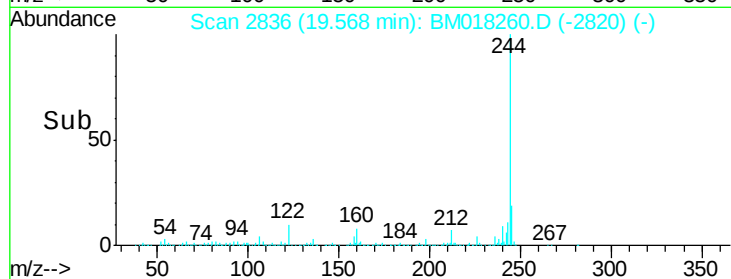
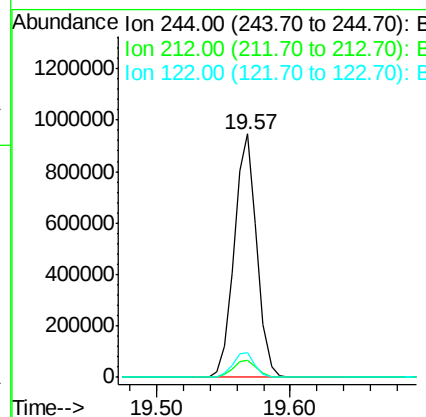
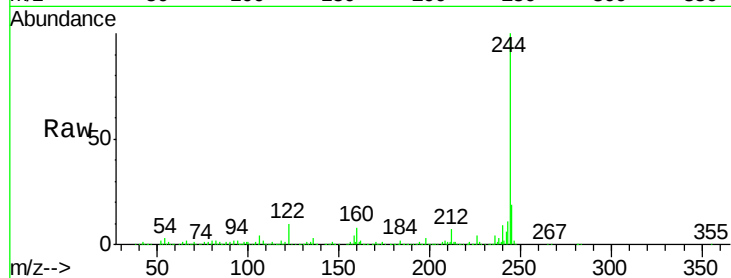
#79
 Terphenyl-d14
 Concen: 69.788 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Tgt Ion:244 Resp: 1117418
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.1 9.0 13.6

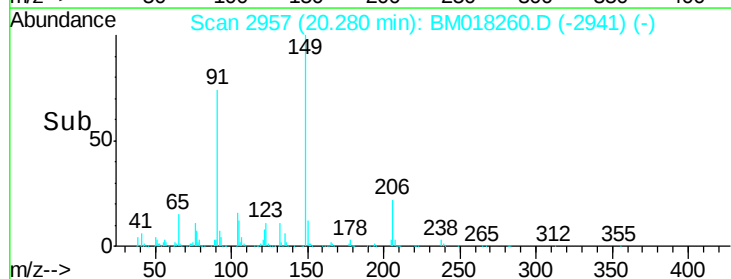
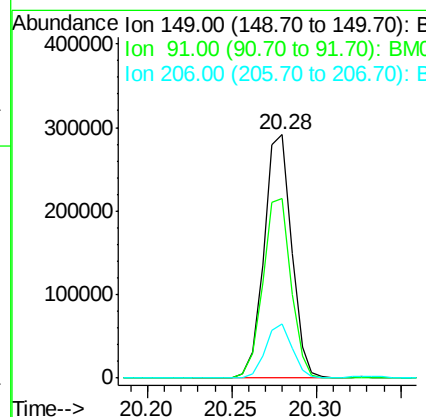
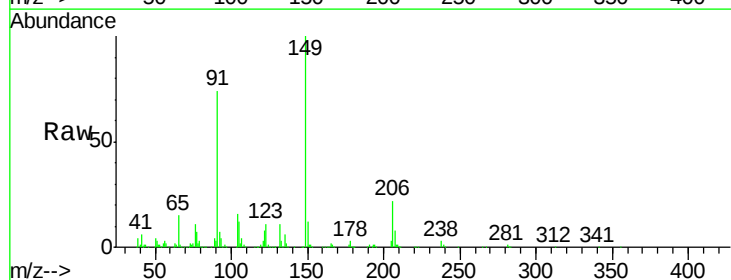
Manual Integrations
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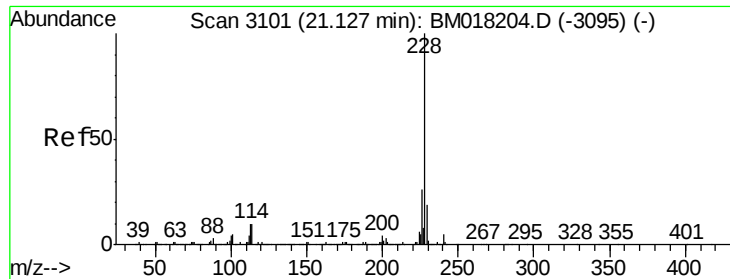
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#80
 Butylbenzylphthalate
 Concen: 32.309 ng
 RT: 20.28 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion:149 Resp: 331655
 Ion Ratio Lower Upper
 149 100
 91 73.9 57.4 86.2
 206 22.4 17.0 25.4





#81

Benzo(a)anthracene

Concen: 37.485 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

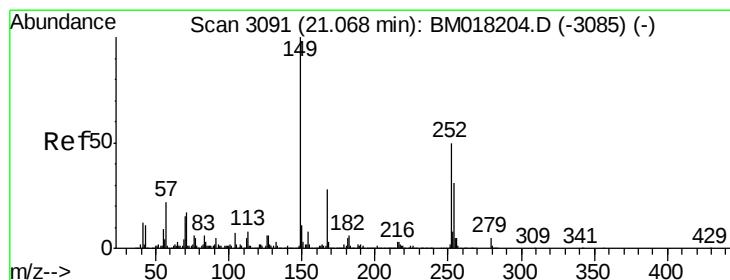
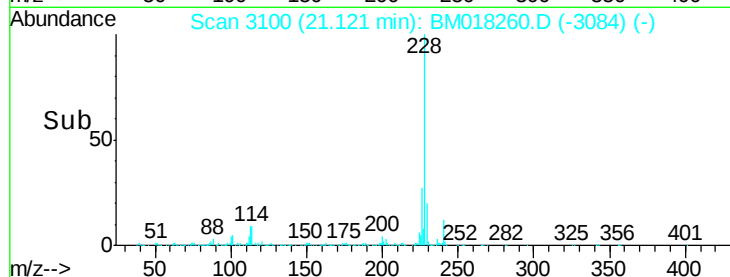
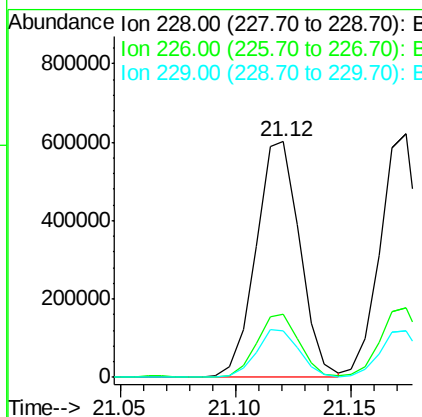
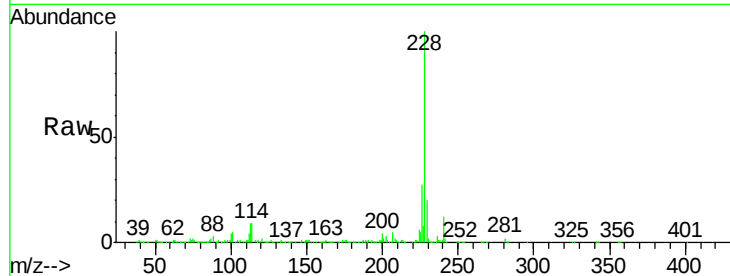
ClientSampleId :

PB115777BS

Tgt	Ion	228	Resp:	792933
	Ratio	100	Lower	Upper
	226	27.0	21.0	31.4
	229	19.6	15.5	23.3

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#82

3,3'-Dichlorobenzidine

Concen: 29.774 ng

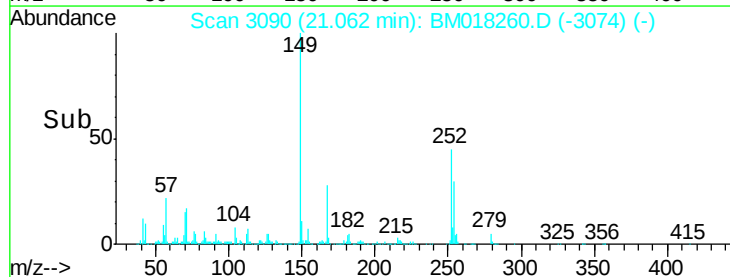
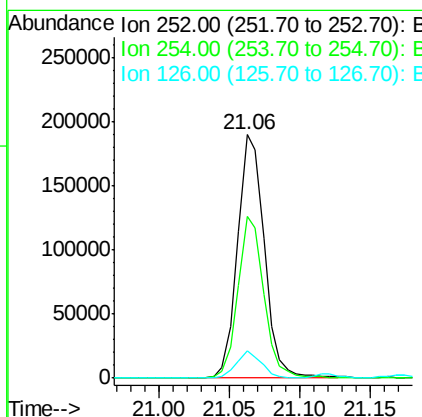
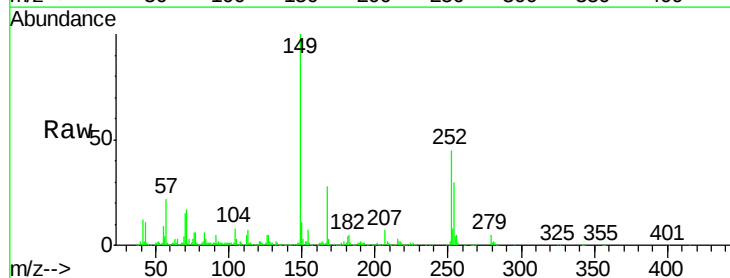
RT: 21.06 min Scan# 3090

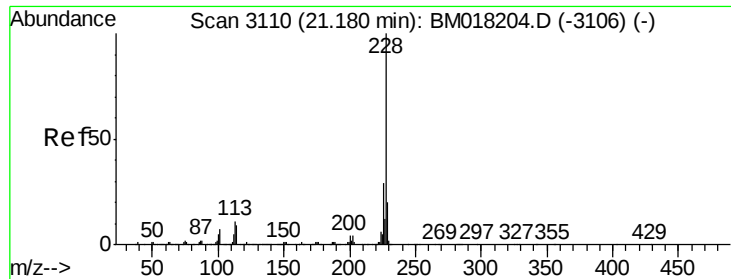
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt	Ion	252	Resp:	251620
	Ratio	100	Lower	Upper
	254	66.5	50.4	75.6
	126	11.3	9.4	14.0





#83

Chrysene

Concen: 37.246 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

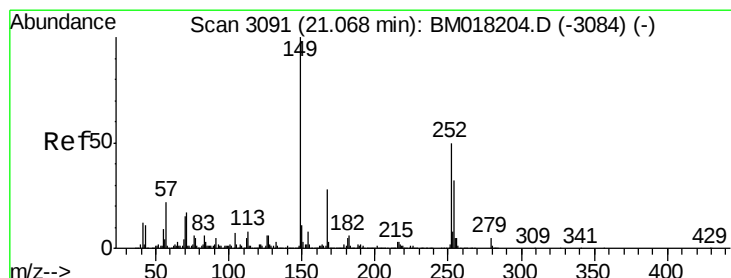
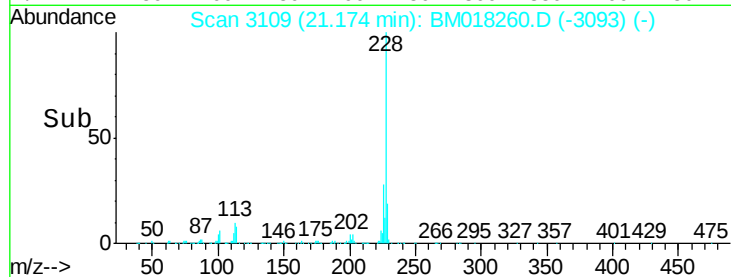
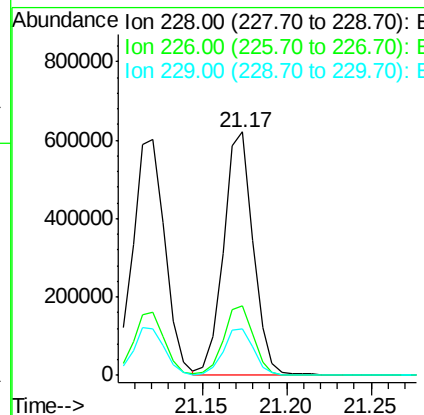
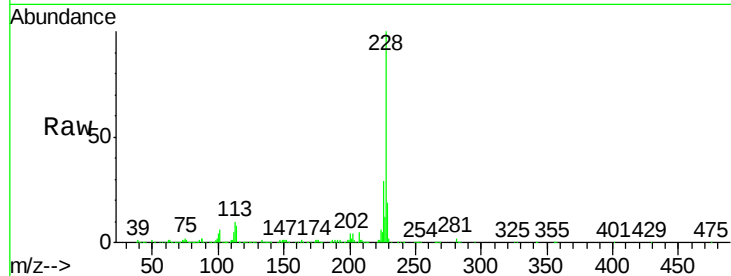
ClientSampleId :

PB115777BS

Tgt Ion:	228	Resp:	757821
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.1	34.7
229	18.9	15.8	23.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 31.591 ng

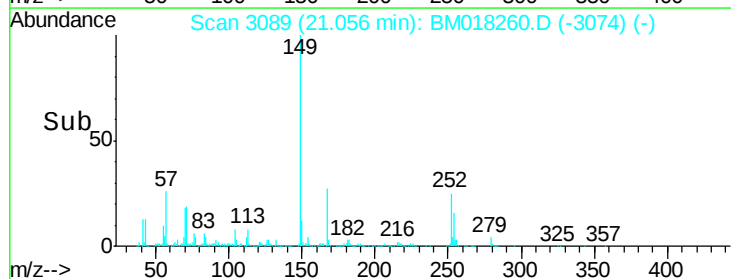
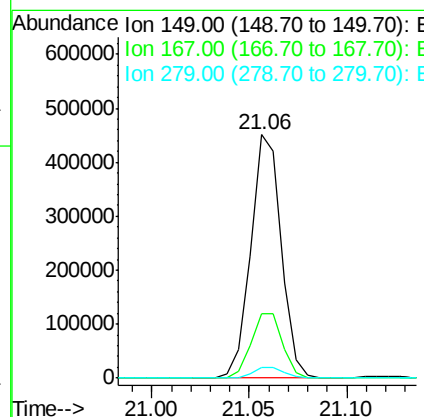
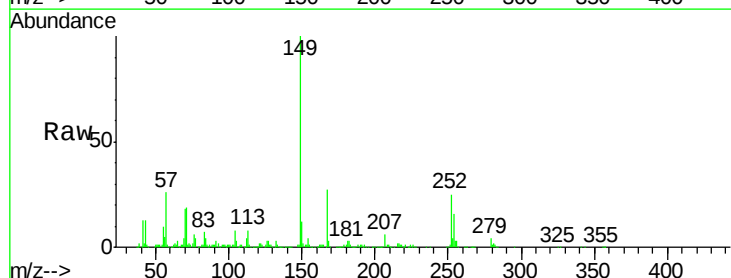
RT: 21.06 min Scan# 3089

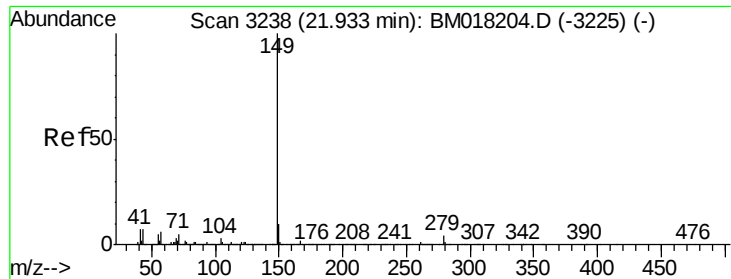
Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:	149	Resp:	483294
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.7	34.1
279	4.2	3.9	5.9





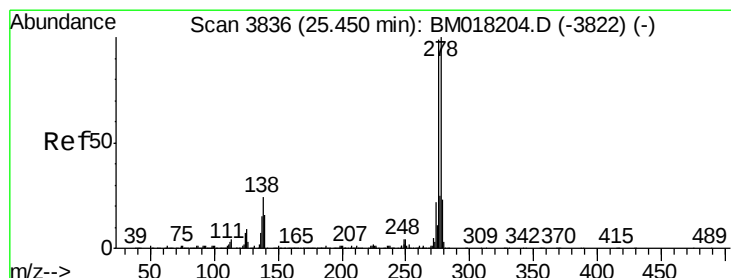
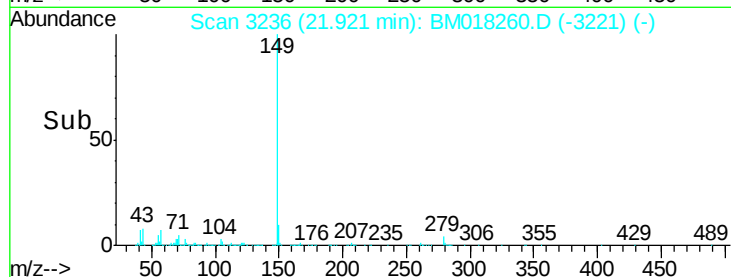
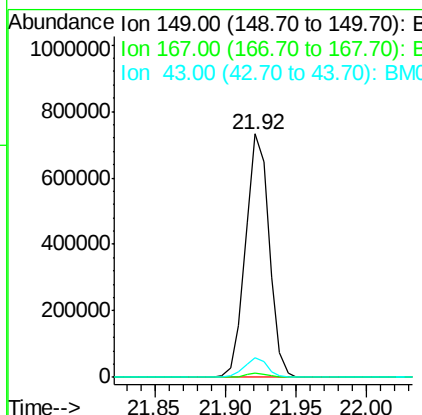
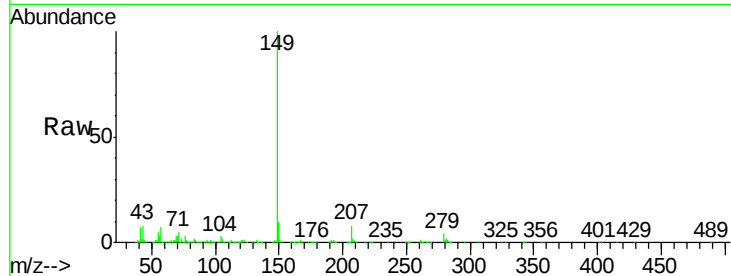
#85
Di-n-octyl phthalate
Concen: 34.018 ng
RT: 21.92 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	852303		
167	1.7		1.4	2.0
43	7.8		6.2	9.4

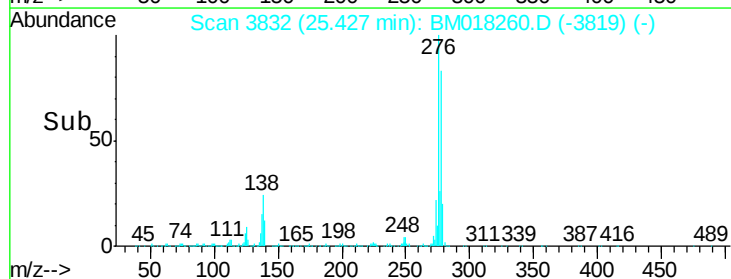
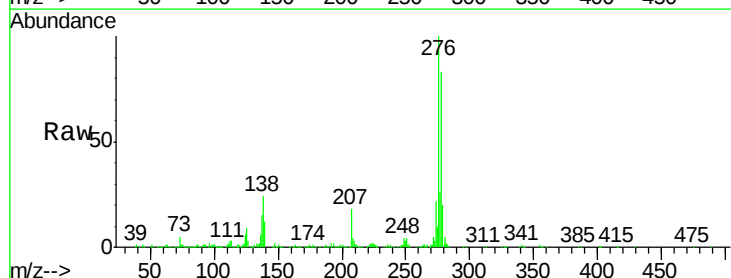
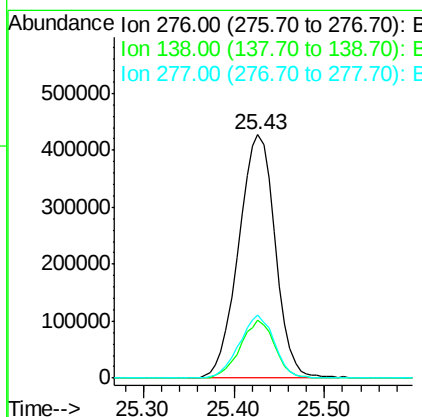
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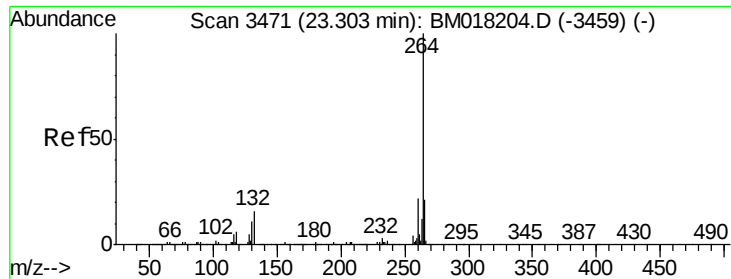
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#86
Indeno(1,2,3-cd)pyrene
Concen: 59.094 ng
RT: 25.43 min Scan# 3832
Delta R.T. -0.02 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1197706		
138	22.4		18.6	28.0
277	25.0		20.3	30.5





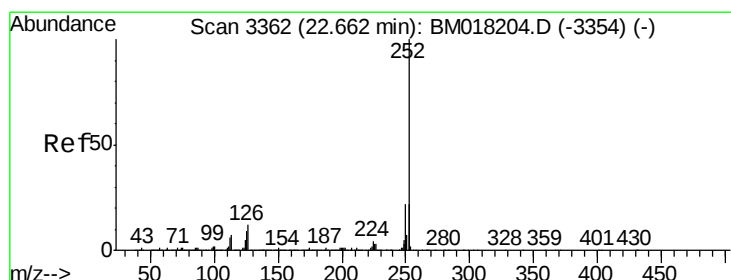
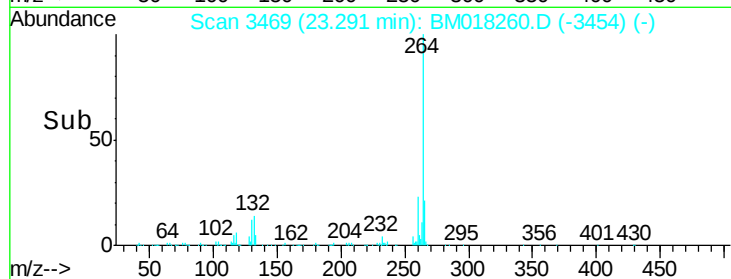
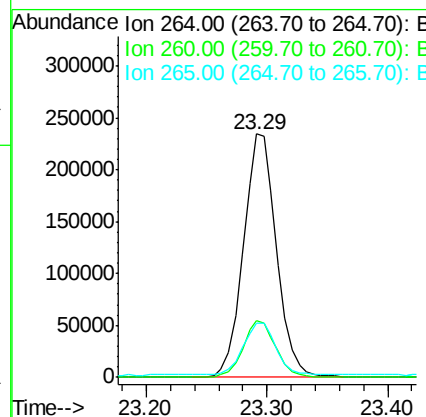
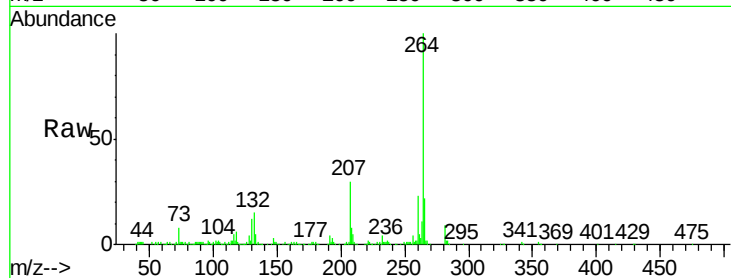
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.5	26.3
265	22.1	17.3	25.9

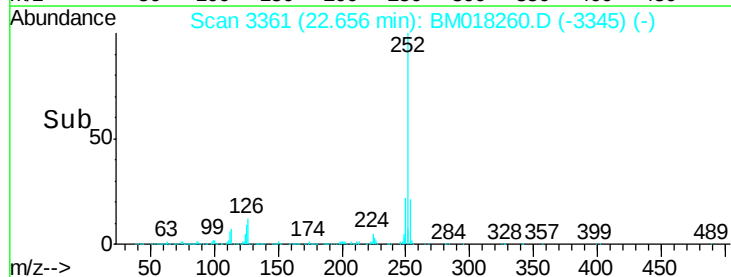
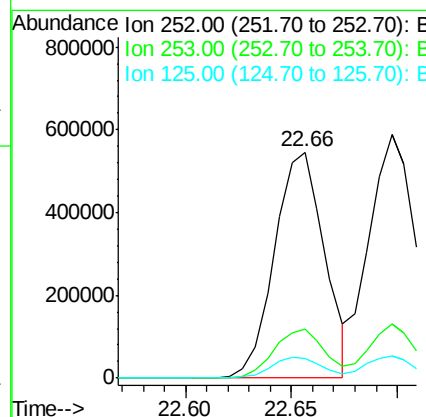
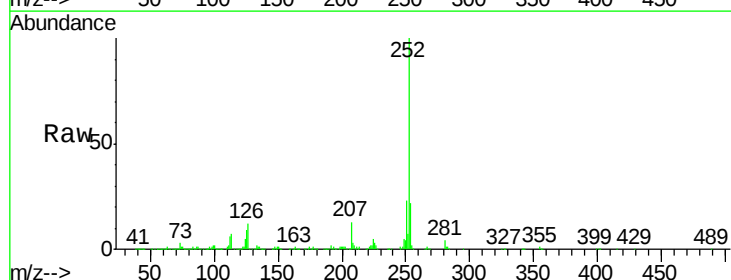
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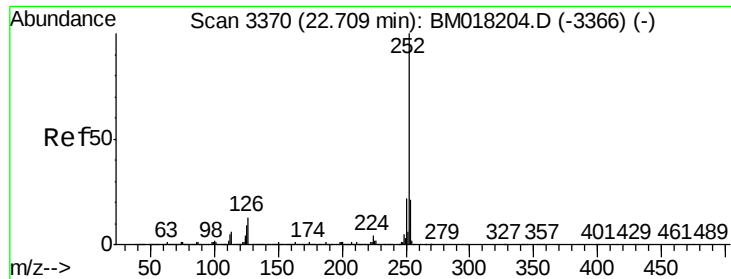
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#88
Benzo(b)fluoranthene
Concen: 35.849 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	8.7	7.4	11.0





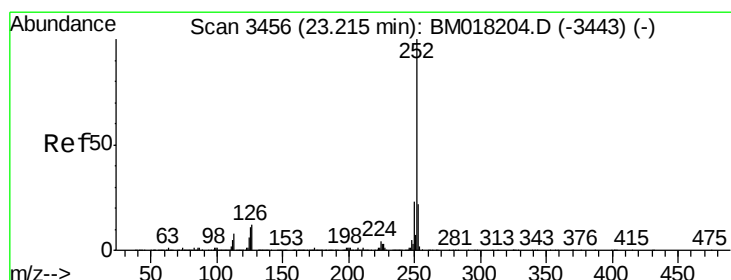
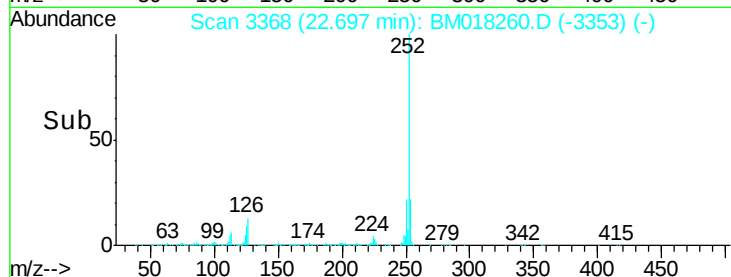
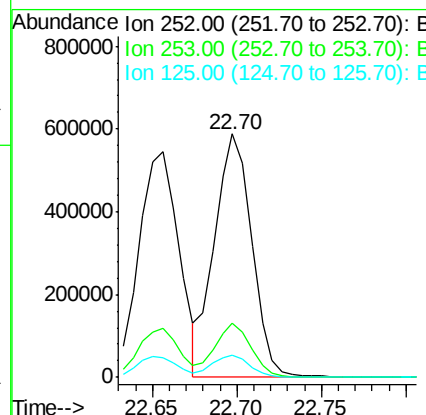
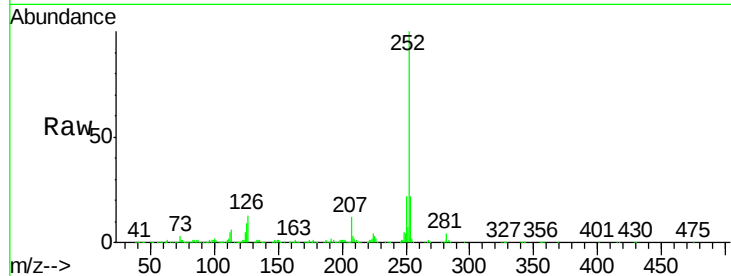
#89
Benzo(k)fluoranthene
Concen: 36.094 ng
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.9	25.3
125	9.0	7.5	11.3

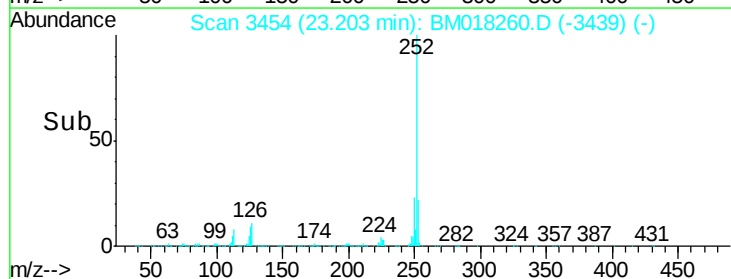
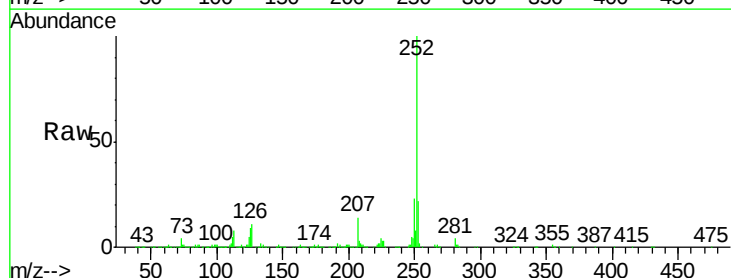
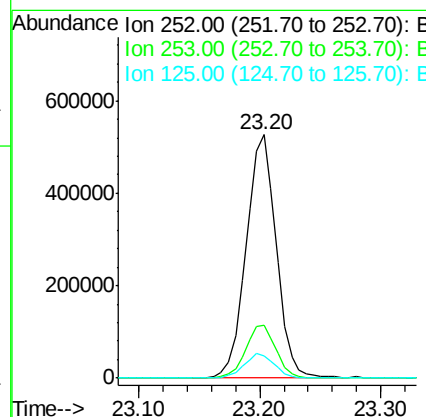
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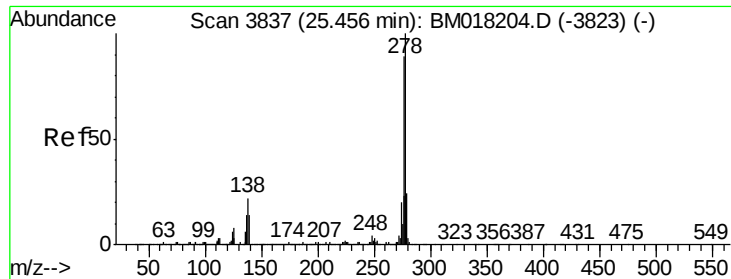
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#90
Benzo(a)pyrene
Concen: 38.338 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.2	8.6	12.8





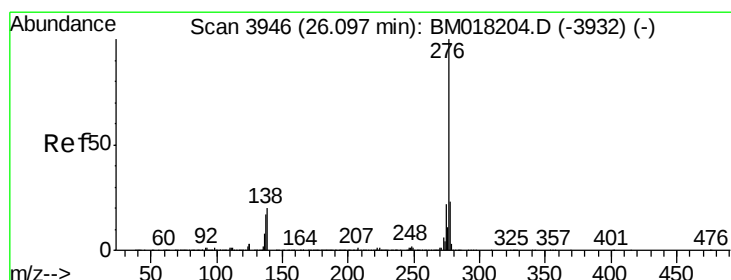
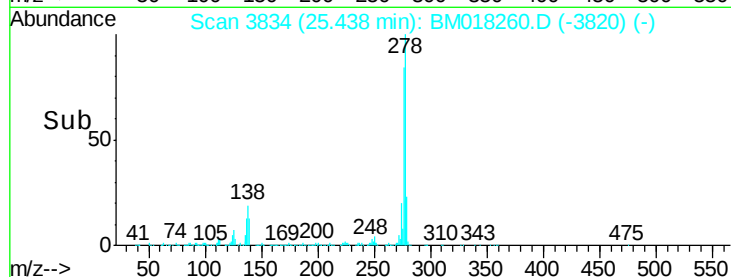
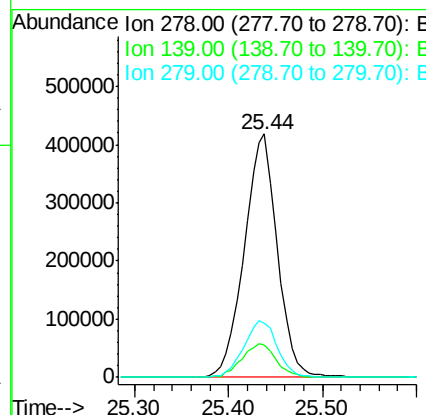
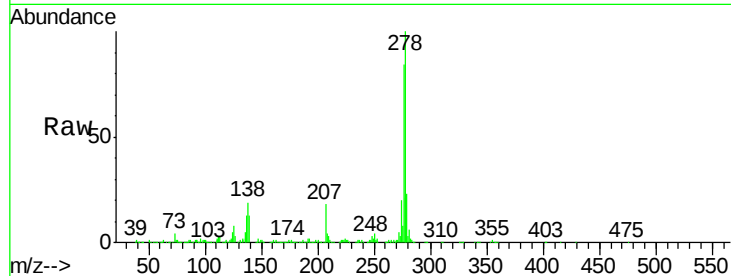
#91
Dibenzo(a,h)anthracene
Concen: 46.029 ng
RT: 25.44 min Scan# 3834
Delta R.T. -0.02 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.6	17.4
279	22.5	19.2	28.8

Manual Integrations
APPROVED

Sohil
12/18/2018 6:15:18 PM



#92
Benzo(g,h,i)perylene
Concen: 48.387 ng
RT: 26.08 min Scan# 3943
Delta R.T. -0.02 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.7	28.1
138	17.6	15.8	23.8

