

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018250.D
 Acq On : 17 Dec 2018 15:50
 Operator : JU/SJ
 Sample : J6378-12MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Manual Integrations
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 12/18/2018 6:14:57 PM

Quant Time: Dec 18 01:31:58 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	136518	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	503166	20.00	ng	0.00
39) Acenaphthene-d10	14.15	164	244834	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	501383	20.00	ng	0.00
76) Chrysene-d12	21.14	240	591115	20.00	ng	0.00
87) Perylene-d12	23.31	264	647757	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1116238	136.59	ng	0.00
7) Phenol-d6	6.70	99	1413521	124.44	ng	0.00
23) Nitrobenzene-d5	8.66	82	875938	89.29	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	398726	110.96	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1505765	79.66	ng	0.00
79) Terphenyl-d14	19.57	244	1913028	73.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	115543	35.691	ng	99
3) Pyridine	3.50	79	349861	36.735	ng	99
4) n-Nitrosodimethylamine	3.43	42	153370	46.786	ng	94
6) Aniline	6.85	93	461813	32.409	ng	99
8) 2-Chlorophenol	7.07	128	406585	42.108	ng	98
9) Benzaldehyde	6.66	77	129654	18.726	ng	91
10) Phenol	6.73	94	613355	50.987	ng	99
11) bis(2-Chloroethyl)ether	6.95	93	381125	39.864	ng	97
12) 1,3-Dichlorobenzene	7.38	146	461834	42.833	ng	99
13) 1,4-Dichlorobenzene	7.53	146	802744	73.316	ng	99
14) 1,2-Dichlorobenzene	7.84	146	430269	40.765	ng	99
15) Benzyl Alcohol	7.75	79	349018	37.709	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	322735	37.511	ng	90
17) 2-Methylphenol	7.95	107	328728	40.925	ng	98
18) Hexachloroethane	8.55	117	176456	43.969	ng	99
19) n-Nitroso-di-n-propylamine	8.31	70	304808	35.939	ng	97
20) 3+4-Methylphenols	8.28	107	440232	39.113	ng	99
22) Acetophenone	8.32	105	582007	43.709	ng	97
24) Nitrobenzene	8.70	77	444782	45.378	ng	99
25) Isophorone	9.22	82	763204	46.732	ng	98
26) 2-Nitrophenol	9.40	139	205999	42.850	ng	98
27) 2,4-Dimethylphenol	9.47	122	344818	49.768	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	472909	44.423	ng	99
29) 2,4-Dichlorophenol	9.93	162	335274	43.644	ng	99
30) 1,2,4-Trichlorobenzene	10.13	180	378517	43.318	ng	95
31) Naphthalene	10.31	128	1449965	58.933	ng	100
32) Benzoic acid	9.65	122	218956m	33.374	ng	
33) 4-Chloroaniline	10.45	127	288138	26.736	ng	98
34) Hexachlorobutadiene	10.58	225	232989	42.159	ng	94
35) Caprolactam	11.25	113	107333m	36.668	ng	
36) 4-Chloro-3-methylphenol	11.59	107	363193	39.347	ng	99
37) 2-Methylnaphthalene	11.93	142	897554	51.730	ng	99
38) 1-Methylnaphthalene	12.16	142	800632	47.288	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	384238	45.638	ng	98

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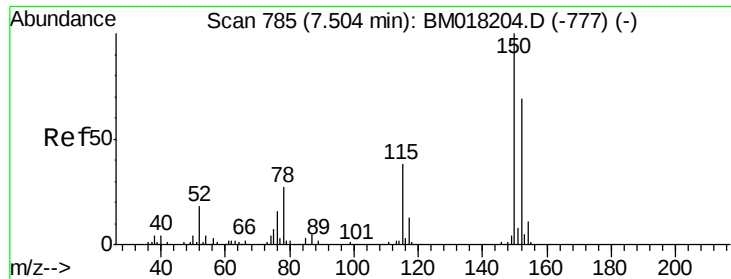
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	321092	86.373	ng	99
43) 2,4,6-Trichlorophenol	12.57	196	250178	46.201	ng	96
44) 2,4,5-Trichlorophenol	12.65	196	260119	45.248	ng	98
46) 1,1'-Biphenyl	12.97	154	984998	44.720	ng	99
47) 2-Chloronaphthalene	13.02	162	723761	44.644	ng	99
48) 2-Nitroaniline	13.25	65	208653	41.781	ng	98
49) Acenaphthylene	13.87	152	1130013	46.254	ng	99
50) Dimethylphthalate	13.63	163	960907	47.208	ng	99
51) 2,6-Dinitrotoluene	13.76	165	191643	42.829	ng	98
52) Acenaphthene	14.22	154	651973	43.668	ng	99
53) 3-Nitroaniline	14.09	138	145776	30.958	ng	100
54) 2,4-Dinitrophenol	14.31	184	192787	78.104	ng	95
55) Dibenzofuran	14.56	168	1044666	43.545	ng	99
56) 4-Nitrophenol	14.42	139	290118	81.261	ng	95
57) 2,4-Dinitrotoluene	14.56	165	265843	42.982	ng	95
58) Fluorene	15.22	166	850296	45.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	224246	43.313	ng	# 98
60) Diethylphthalate	15.00	149	856868	39.008	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	418851	39.970	ng	100
62) 4-Nitroaniline	15.26	138	162248	36.313	ng	93
63) Azobenzene	15.51	77	856676	42.771	ng	99
65) 4,6-Dinitro-2-methylphenol	15.33	198	131075	35.512	ng	92
66) n-Nitrosodiphenylamine	15.44	169	753817	45.466	ng	98
67) 4-Bromophenyl-phenylether	16.12	248	258662	42.598	ng	97
68) Hexachlorobenzene	16.22	284	285527	42.922	ng	98
69) Atrazine	16.41	200	353840	63.216	ng	97
70) Pentachlorophenol	16.57	266	338216	76.983	ng	99
71) Phenanthrene	16.96	178	1358938	49.899	ng	99
72) Anthracene	17.05	178	1264535	46.803	ng	98
73) Carbazole	17.33	167	1140559	41.129	ng	99
74) Di-n-butylphthalate	17.90	149	1445414	42.243	ng	99
75) Fluoranthene	18.99	202	1435490	45.336	ng	100
77) Benzidine	19.20	184	342564	22.854	ng	96
78) Pyrene	19.36	202	1506845	42.782	ng	99
80) Butylbenzylphthalate	20.29	149	691347	41.260	ng	98
81) Benzo(a)anthracene	21.13	228	1578216	45.706	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	435048	31.537	ng	97
83) Chrysene	21.18	228	1506778	45.367	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1470072	58.868	ng	98
85) Di-n-octyl phthalate	21.93	149	1892212	46.266	ng	99
86) Indeno(1,2,3-cd)pyrene	25.45	276	2006021	60.634	ng	99
88) Benzo(b)fluoranthene	22.67	252	1721465	47.311	ng	# 98
89) Benzo(k)fluoranthene	22.71	252	1572514	43.395	ng	# 97
90) Benzo(a)pyrene	23.22	252	1622938	46.897	ng	98
91) Dibenzo(a,h)anthracene	25.46	278	1697368	52.949	ng	98
92) Benzo(g,h,i)perylene	26.10	276	1655999	54.649	ng	99

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



#1

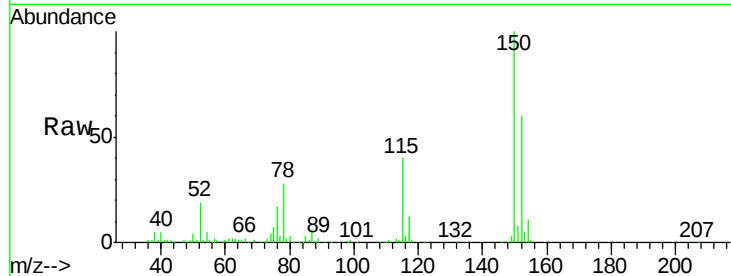
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

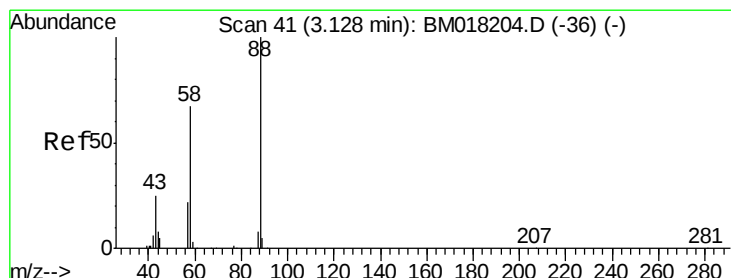
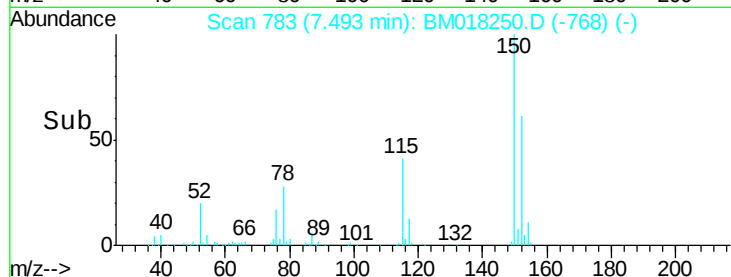
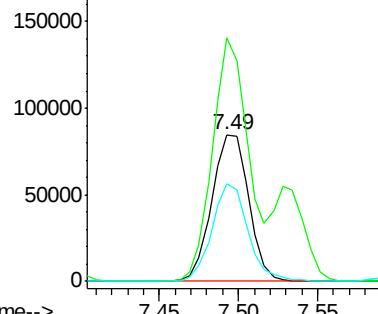
Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.3	116.1	174.1
115	67.0	44.6	67.0#

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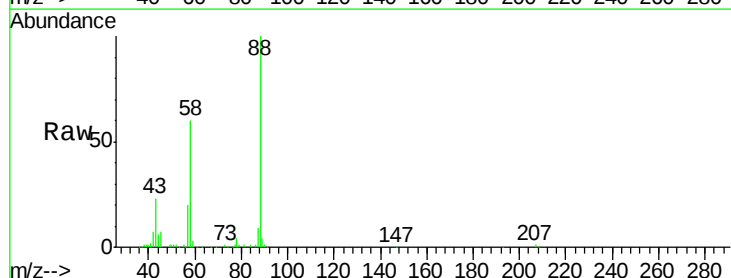
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



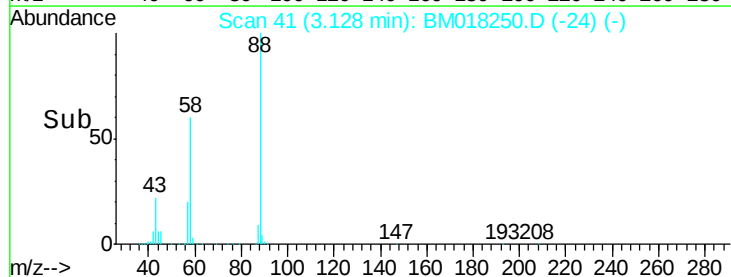
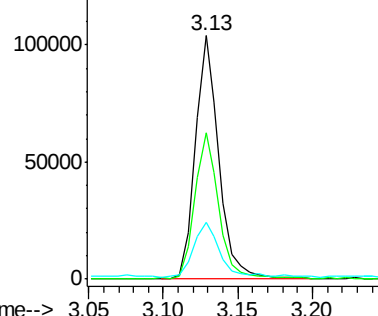
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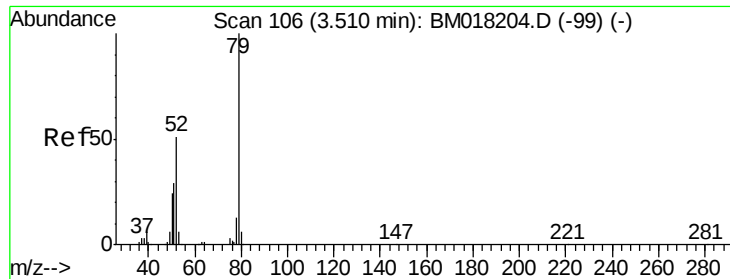
1,4-Dioxane
Concen: 35.691 ng
RT: 3.13 min Scan# 41
Delta R.T. 0.00 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.2	49.8	74.6
43	24.1	19.1	28.7



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 36.735 ng

RT: 3.50 min Scan# 105

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

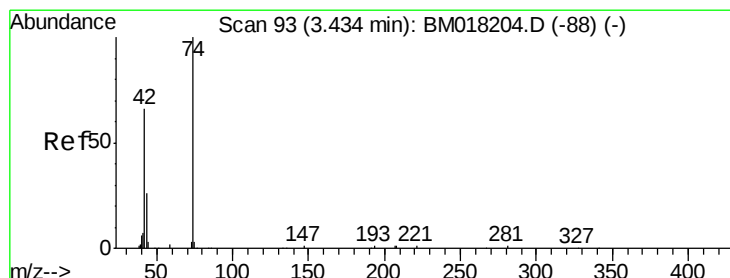
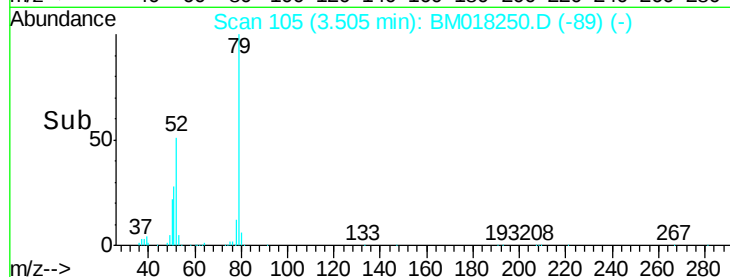
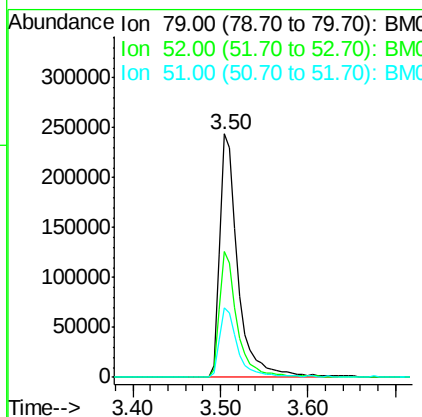
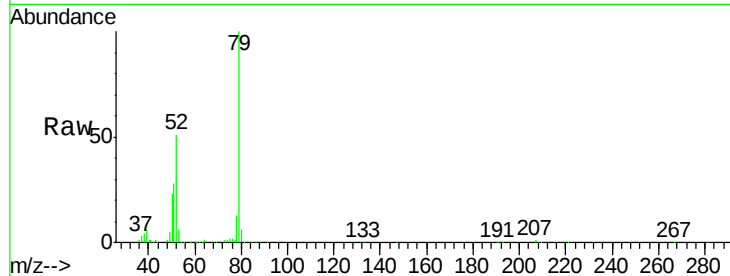
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	79	Resp:	349861
Ion	Ratio	Lower	Upper
79	100		
52	51.5	40.7	61.1
51	28.3	23.0	34.6

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#4

n-Nitrosodimethylamine

Concen: 46.786 ng

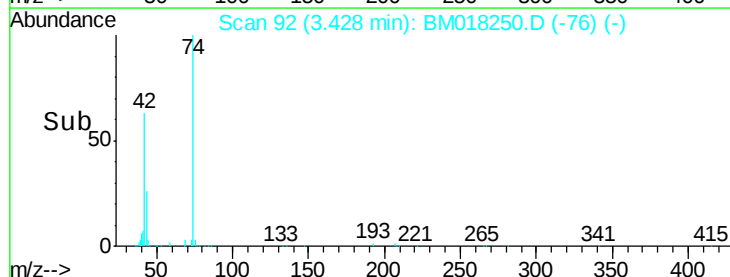
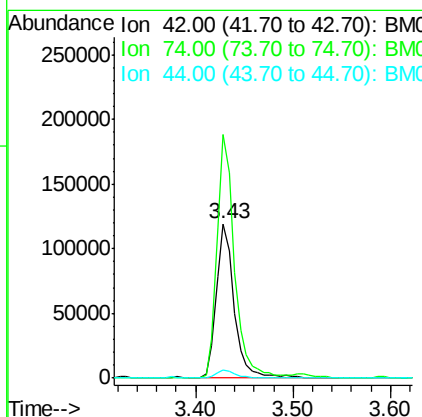
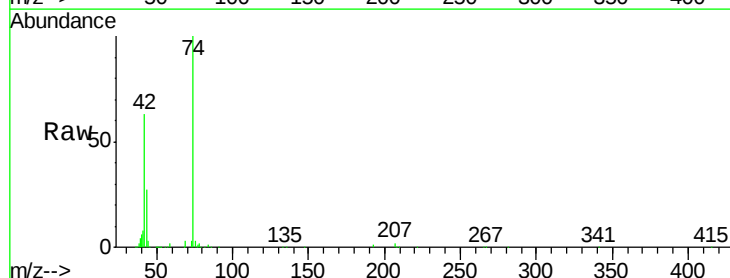
RT: 3.43 min Scan# 92

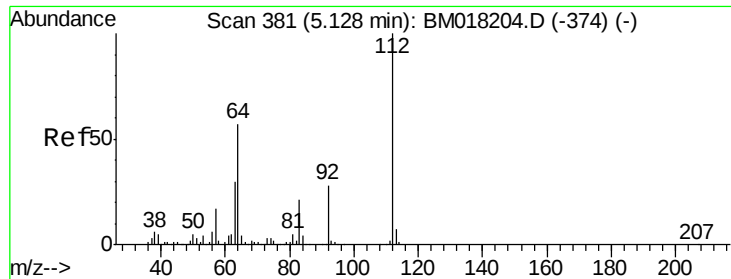
Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:	42	Resp:	153370
Ion	Ratio	Lower	Upper
42	100		
74	158.0	120.4	180.6
44	5.1	4.6	7.0





#5

2-Fluorophenol

Concen: 136.587 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion: 112 Resp: 1116238

Ion Ratio Lower Upper

112 100

64 55.2 45.4 68.2

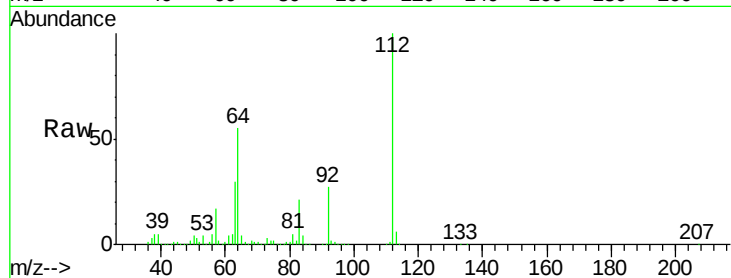
63 29.9 24.0 36.0

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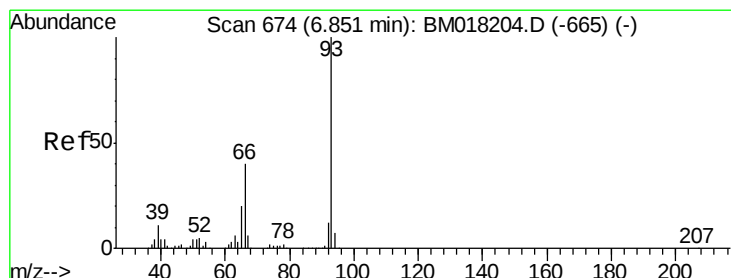
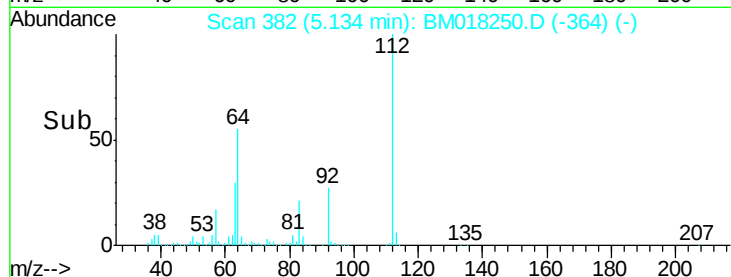
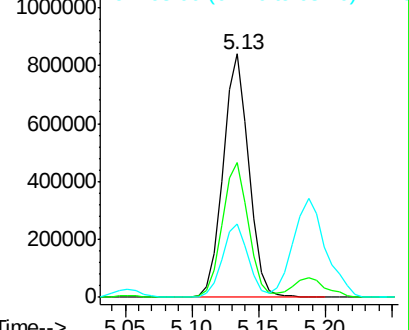
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 32.409 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

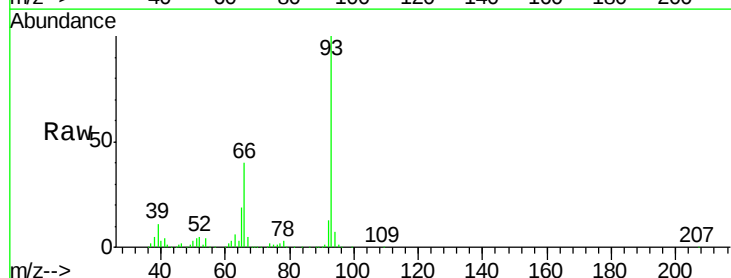
Tgt Ion: 93 Resp: 461813

Ion Ratio Lower Upper

93 100

66 40.3 32.3 48.5

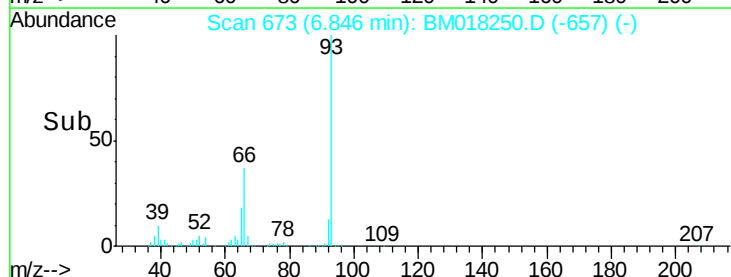
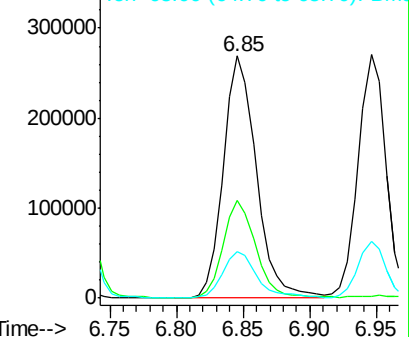
65 19.5 16.2 24.4

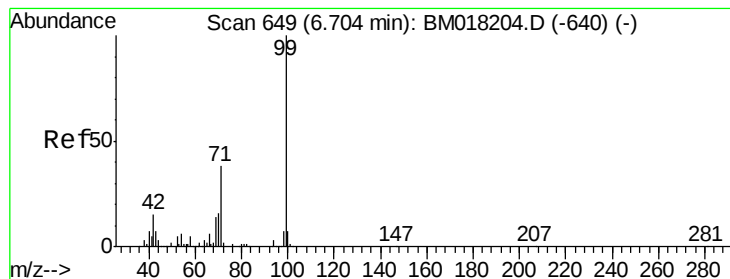


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 124.441 ng

RT: 6.70 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 99 Resp: 1413521

Ion Ratio Lower Upper

99 100

42 15.3 12.3 18.5

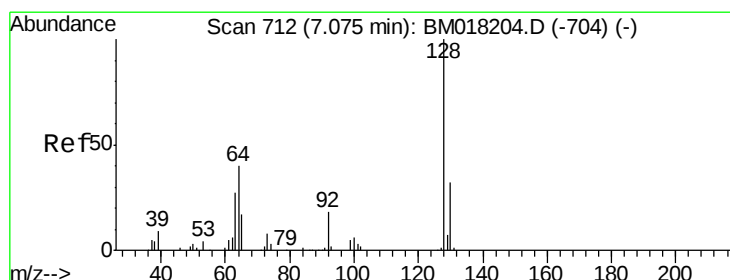
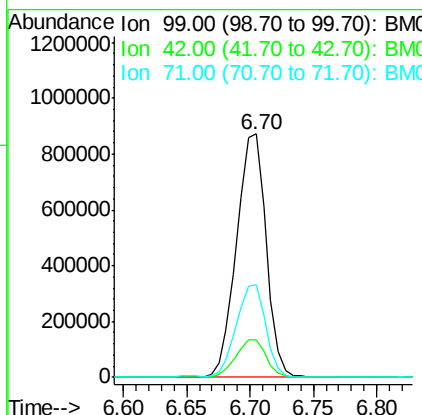
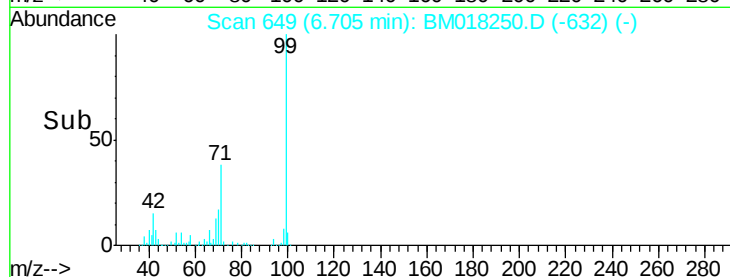
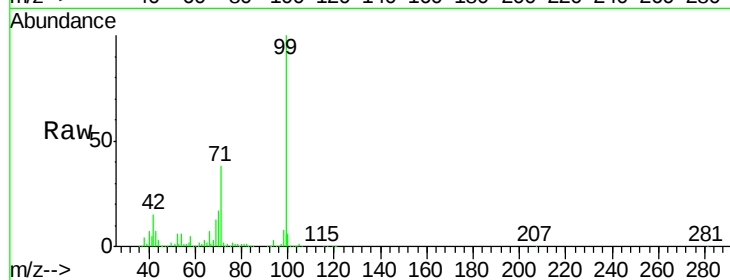
71 38.1 30.2 45.2

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#8

2-Chlorophenol

Concen: 42.108 ng

RT: 7.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

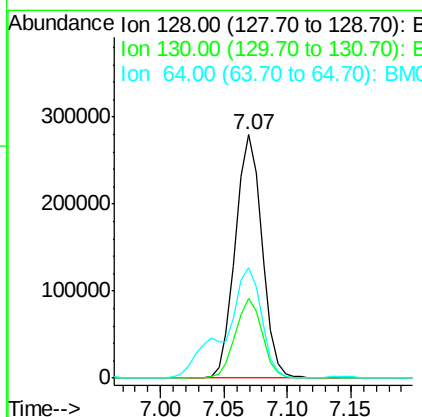
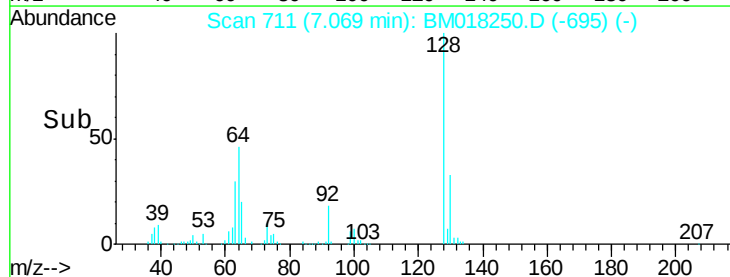
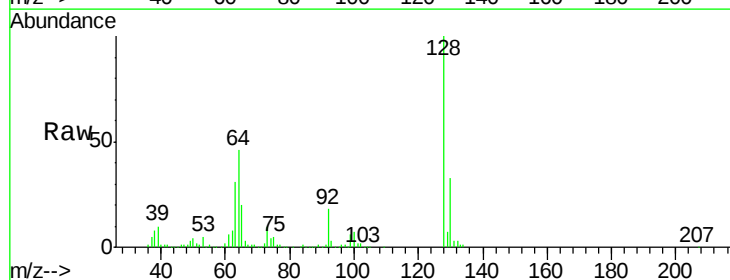
Tgt Ion: 128 Resp: 406585

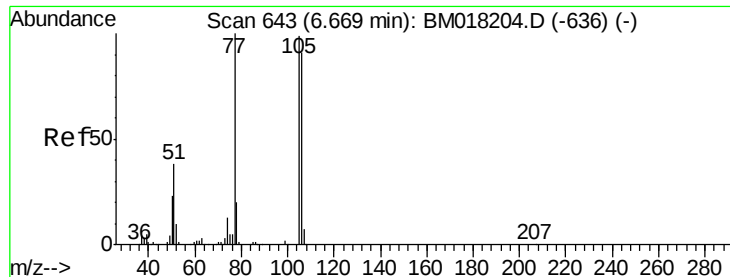
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 45.5 24.1 64.1





#9

Benzaldehyde

Concen: 18.726 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018250.D

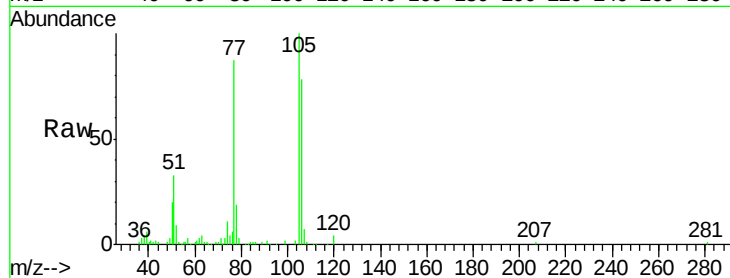
Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

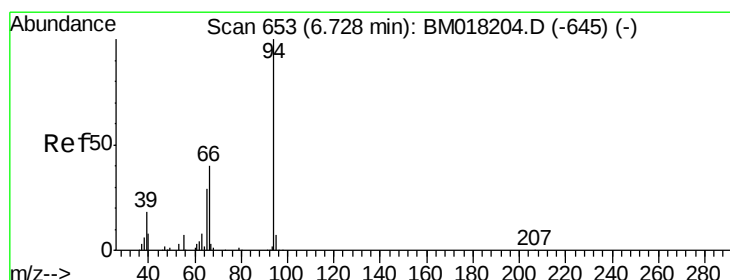
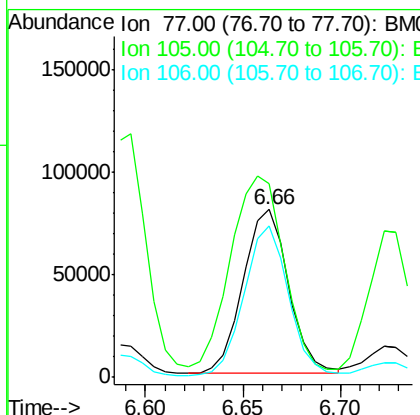
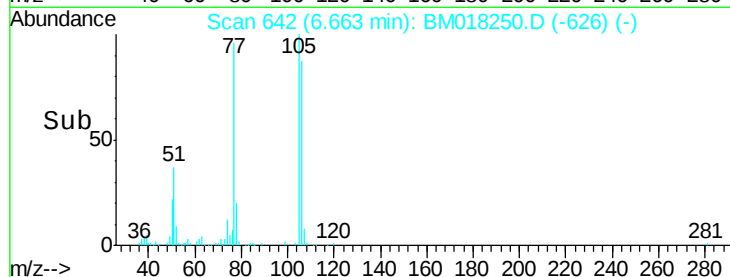
P001-SD012-0612-01MS



Tgt Ion:	77	Resp:	129654
Ion Ratio	Lower	Upper	
77	100		
105	115.4	78.8	118.8
106	90.0	70.7	110.7

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#10

Phenol

Concen: 50.987 ng

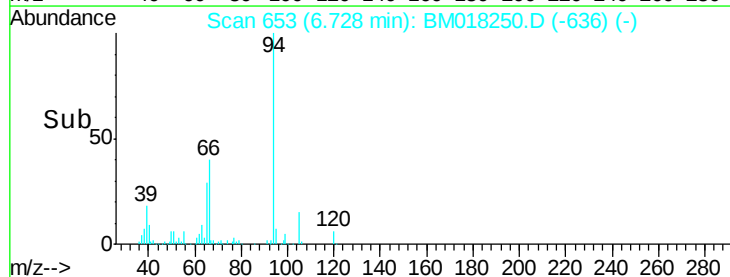
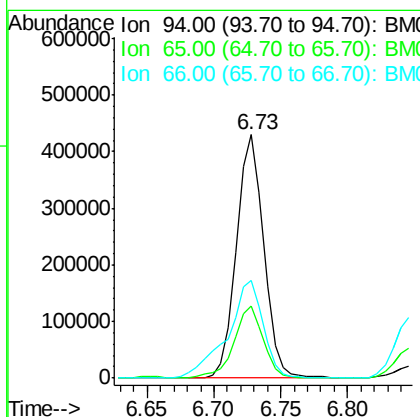
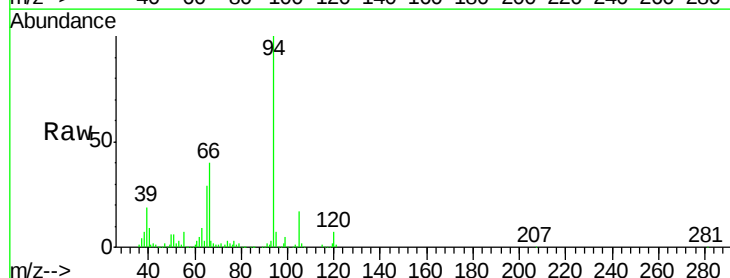
RT: 6.73 min Scan# 653

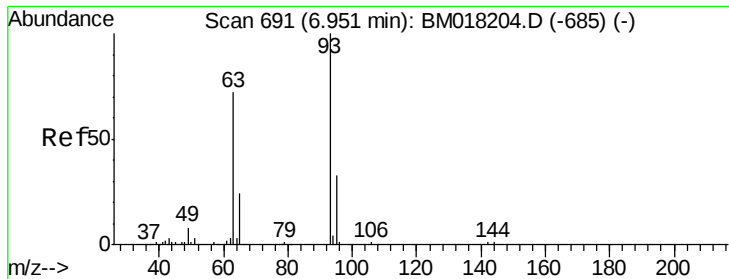
Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:	94	Resp:	613355
Ion Ratio	Lower	Upper	
94	100		
65	29.4	9.5	49.5
66	40.3	21.3	61.3





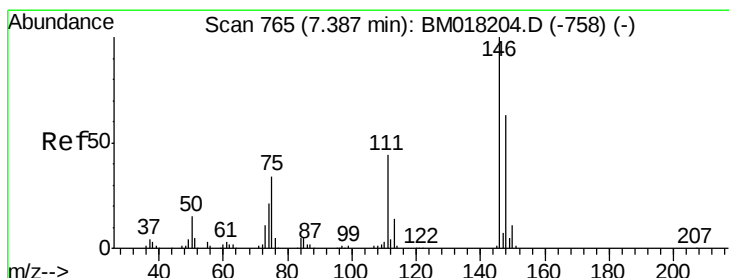
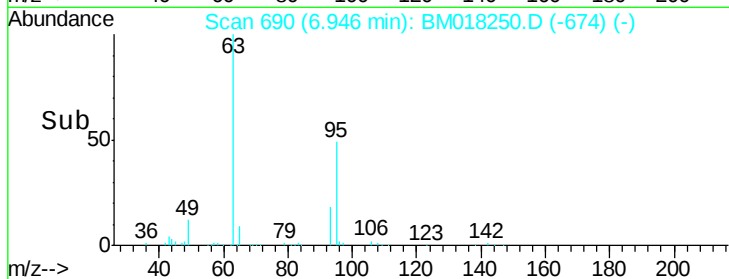
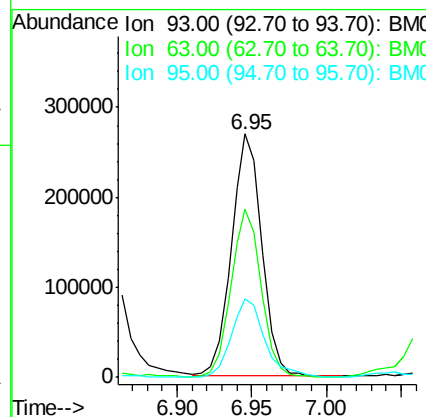
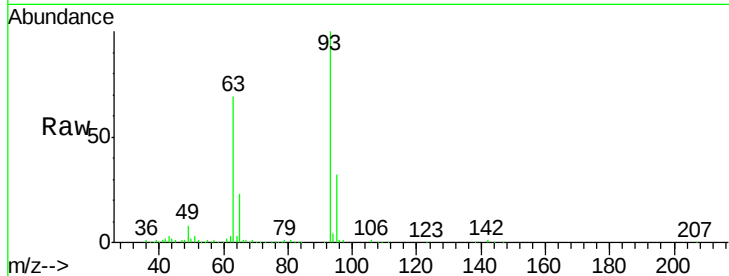
#11
bis(2-Chloroethyl)ether
Concen: 39.864 ng
RT: 6.95 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	69.2	51.7	91.7
95	32.2	13.1	53.1

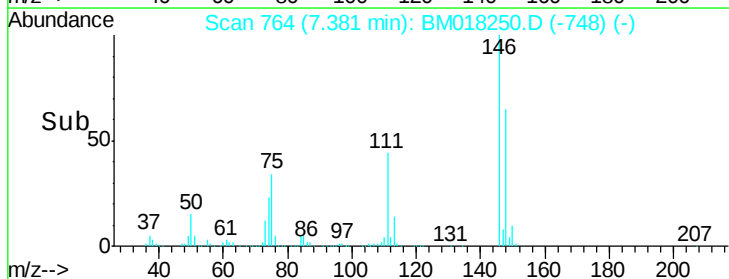
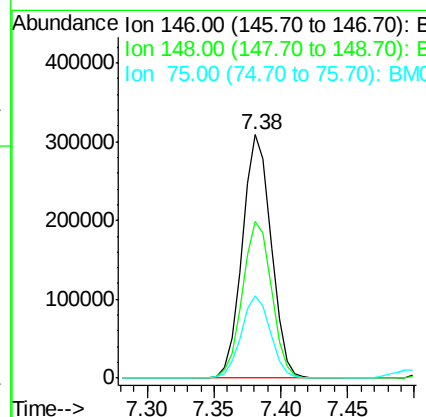
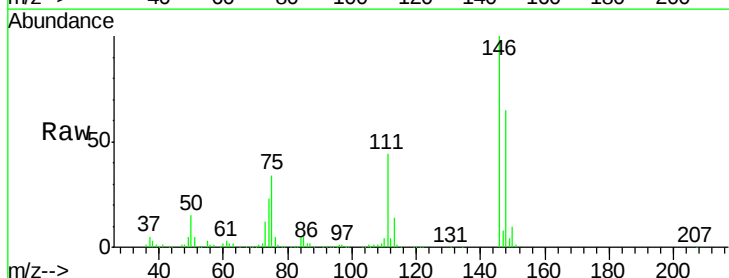
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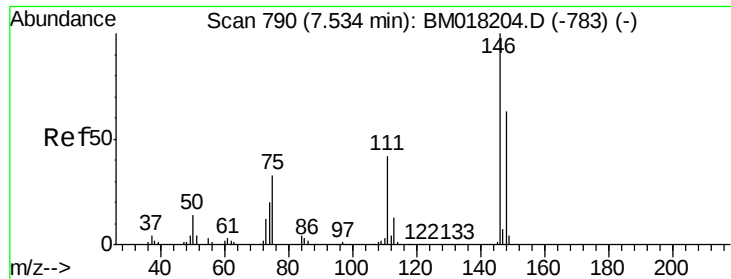
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#12
1,3-Dichlorobenzene
Concen: 42.833 ng
RT: 7.38 min Scan# 764
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.6	50.6	76.0
75	33.9	27.0	40.4





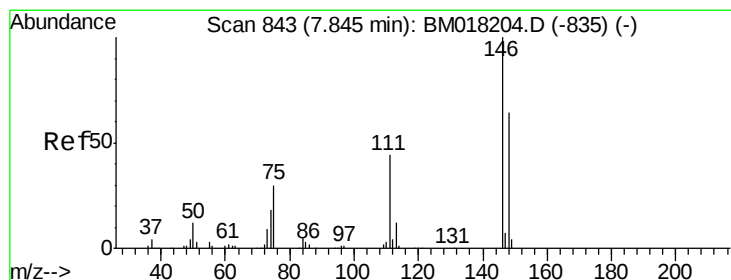
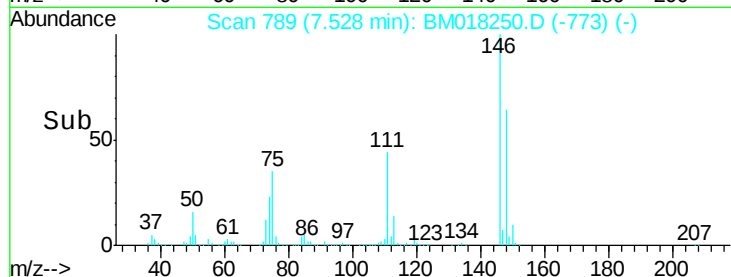
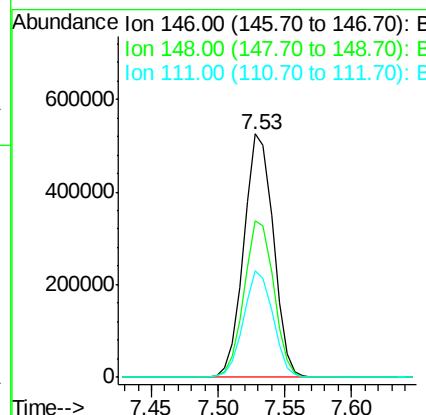
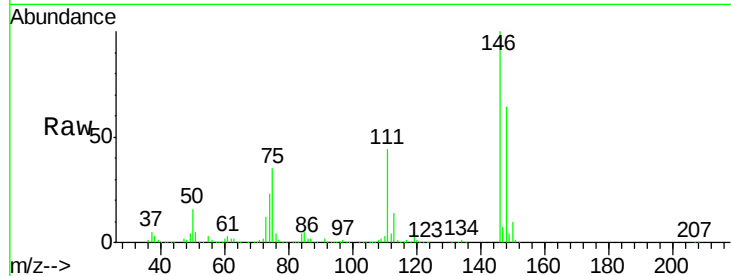
#13
 1,4-Dichlorobenzene
 Concen: 73.316 ng
 RT: 7.53 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	43.8	34.2	51.2

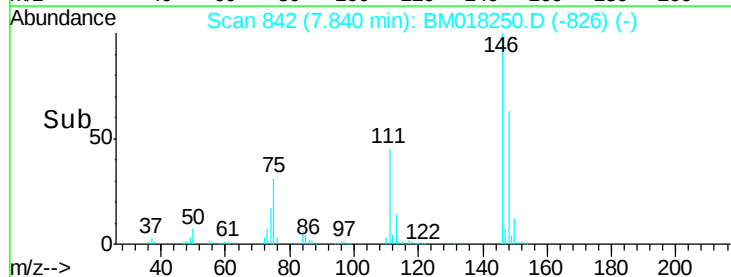
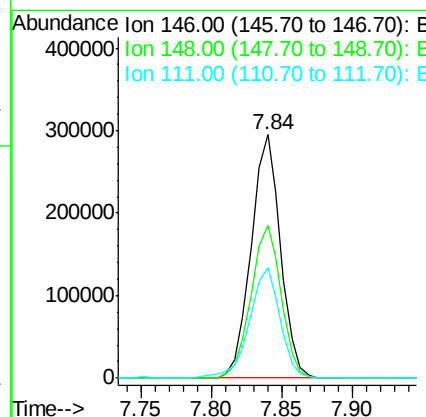
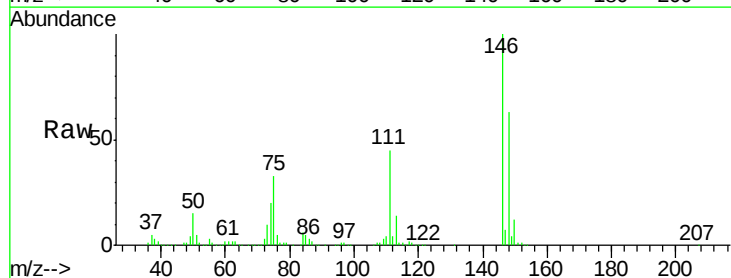
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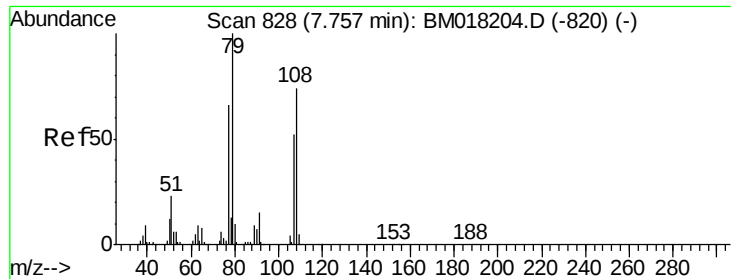
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#14
 1,2-Dichlorobenzene
 Concen: 40.765 ng
 RT: 7.84 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.3	76.9
111	45.3	35.8	53.8





#15

Benzyl Alcohol

Concen: 37.709 ng

RT: 7.75 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

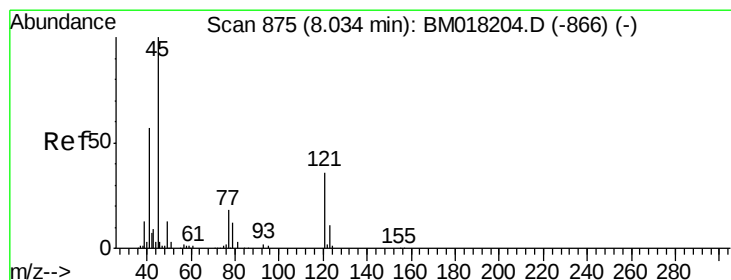
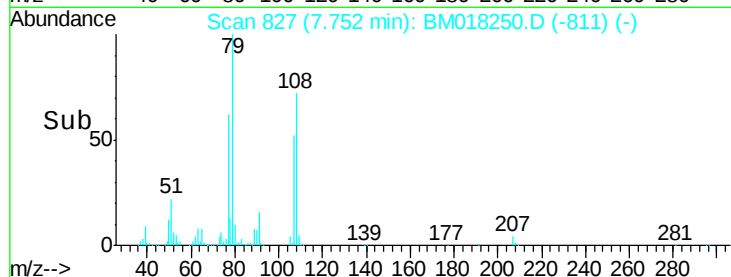
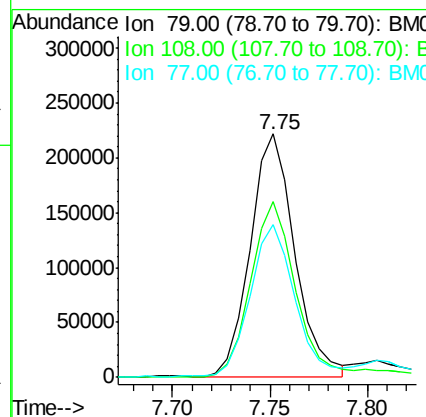
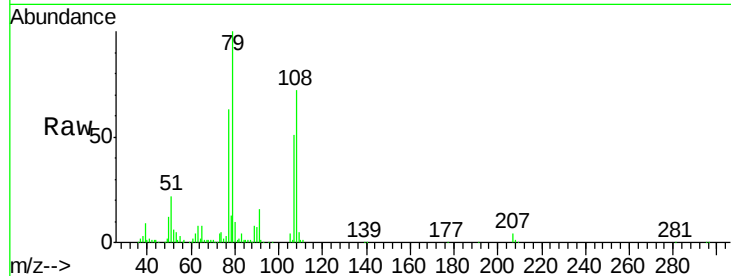
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	79	Resp:	349018
Ion Ratio	Lower	Upper	
79	100		
108	72.2	59.3	88.9
77	62.6	53.0	79.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.511 ng

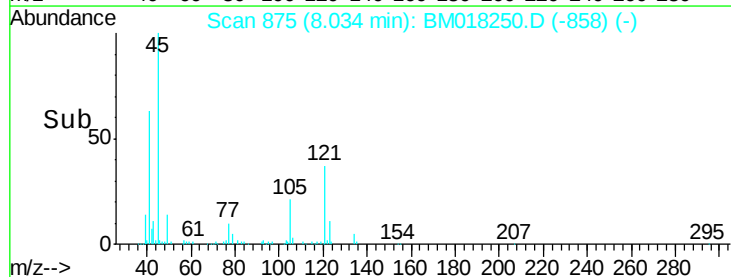
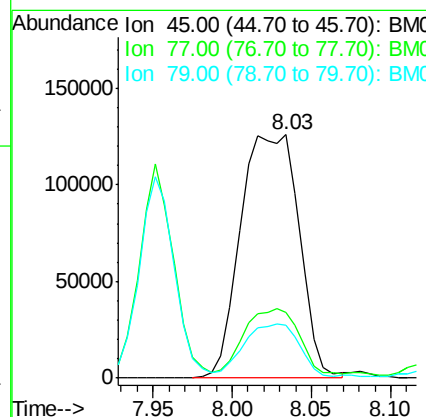
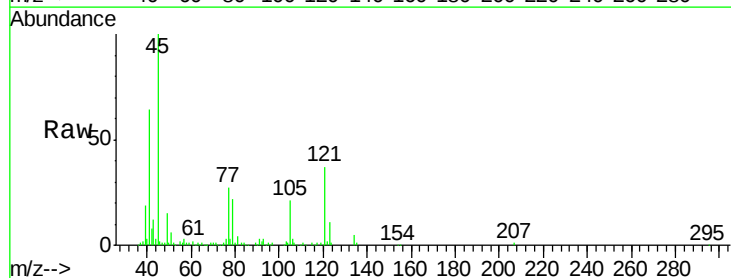
RT: 8.03 min Scan# 875

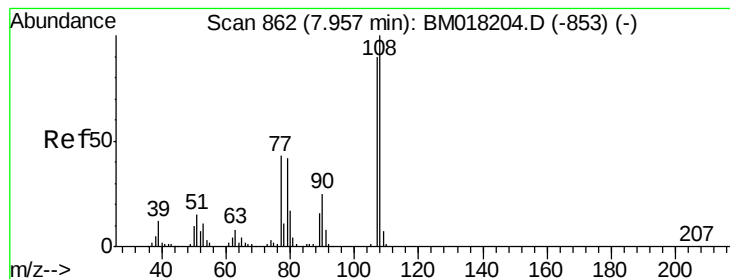
Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:	45	Resp:	322735
Ion Ratio	Lower	Upper	
45	100		
77	26.9	2.5	42.5
79	21.7	0.0	37.2





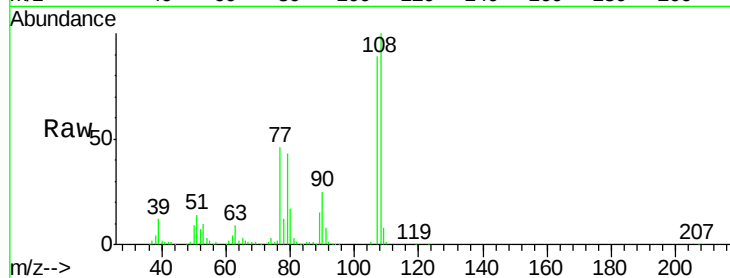
#17
2-Methylphenol
Concen: 40.925 ng
RT: 7.95 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

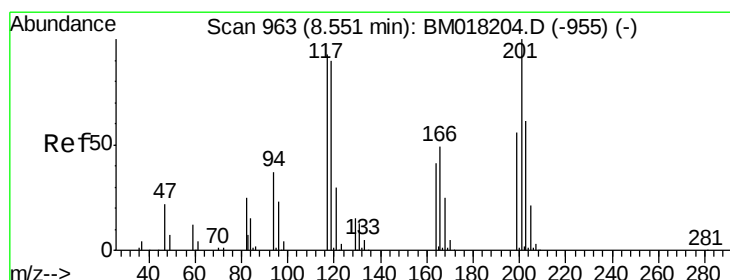
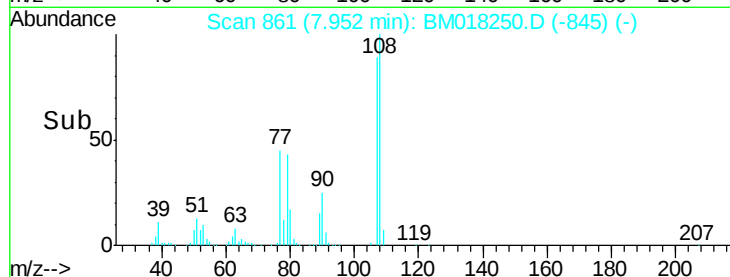
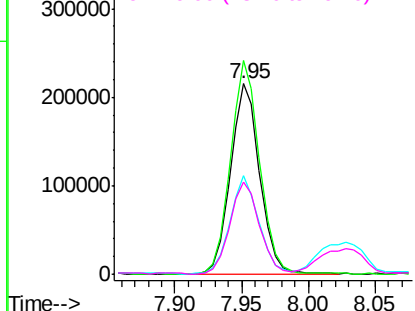
Tgt	Ion	Ratio	Resp	Lower	Upper
107	100				
108	112.2	89.3	328728	133.9	
77	51.6	38.2		57.4	
79	48.5	37.7		56.5	

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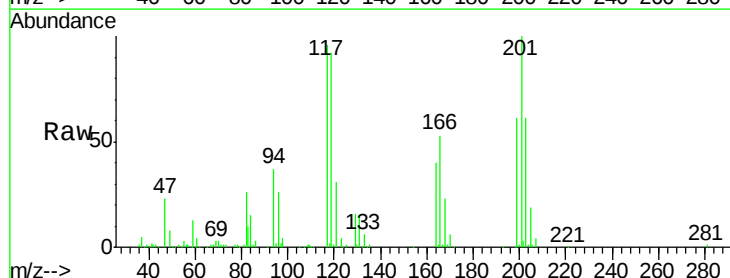


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

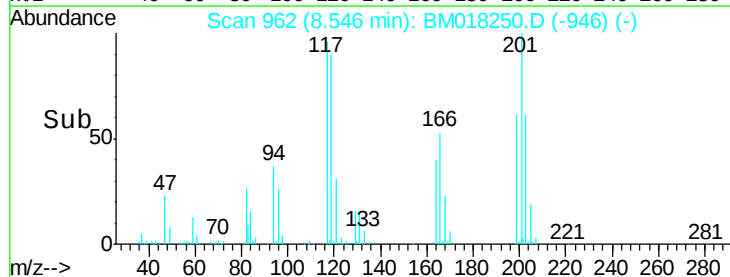
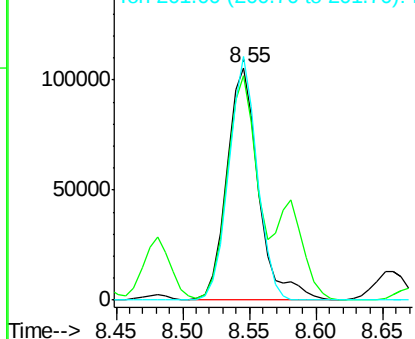


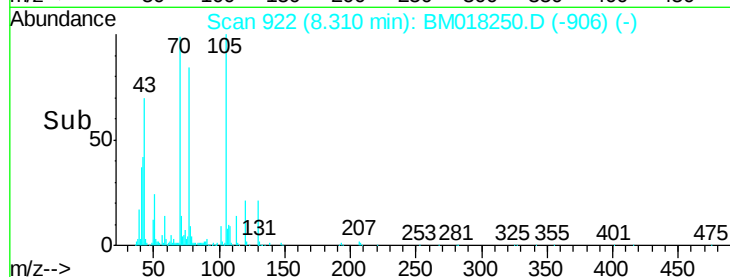
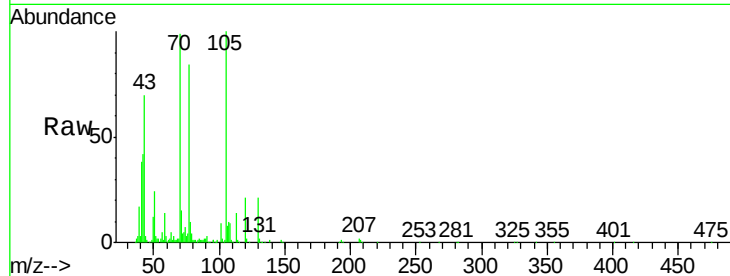
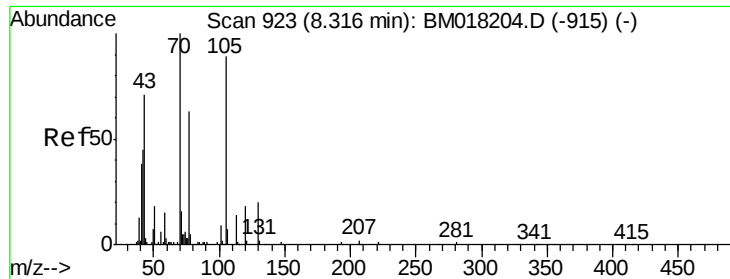
#18
Hexachloroethane
Concen: 43.969 ng
RT: 8.55 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.2	77.0	176456	115.4	
201	104.6	85.7		128.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





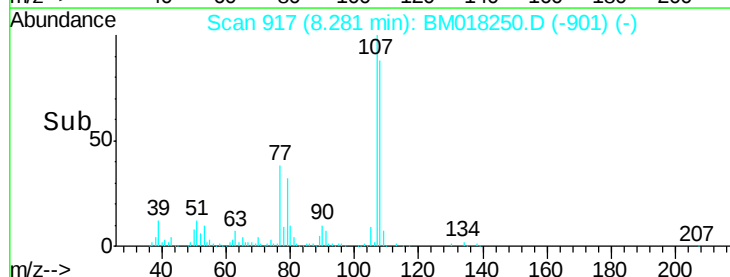
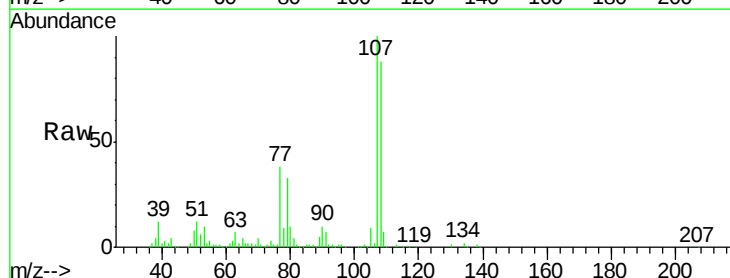
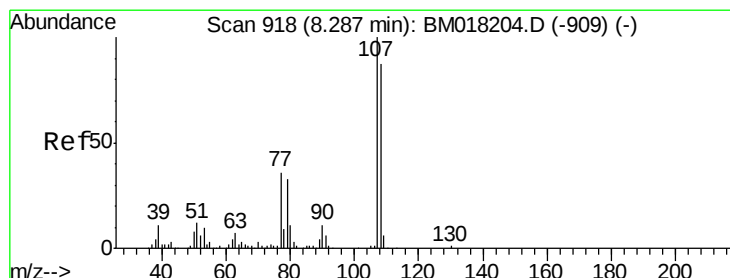
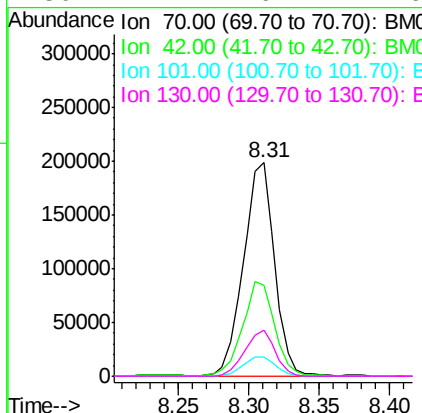
#19
n-Nitroso-di-n-propylamine
Concen: 35.939 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
70	100		
42	42.6	36.2	54.2
101	9.2	7.5	11.3
130	21.4	16.4	24.6

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

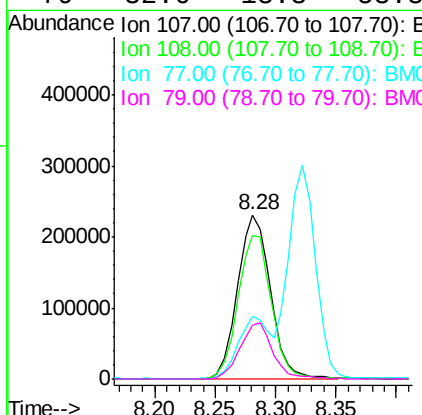
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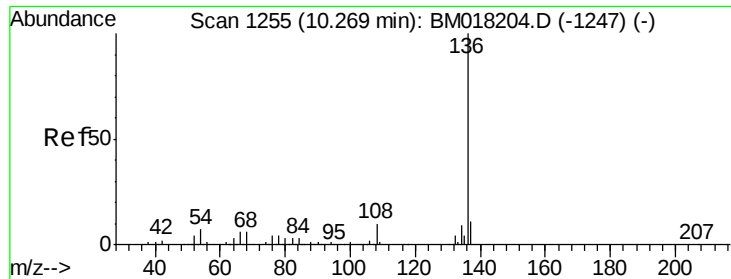
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#20
3+4-Methylphenols
Concen: 39.113 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.4	107.4
77	38.3	15.7	55.7
79	32.6	13.3	53.3





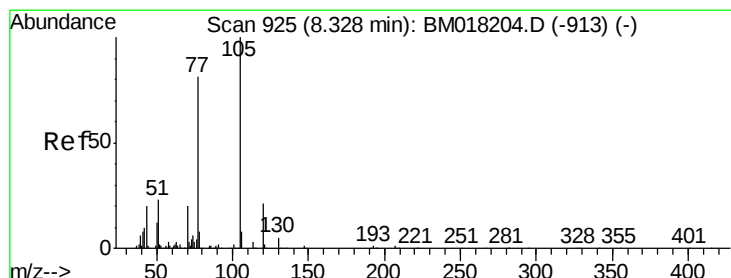
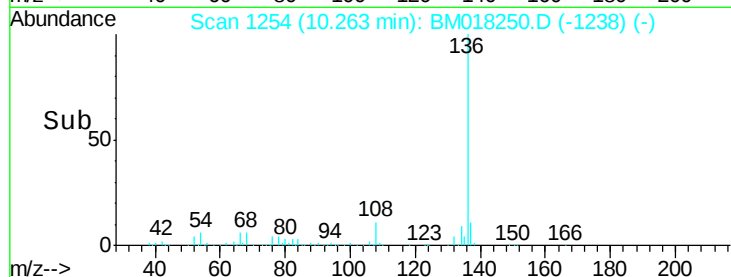
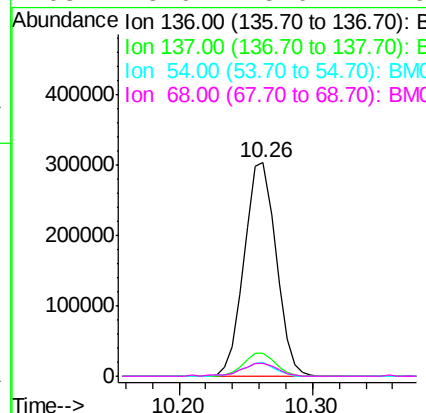
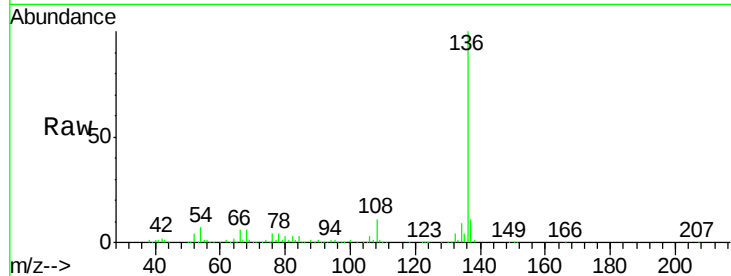
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	503166		
137	10.7	9.2	13.8	
54	6.6	5.2	7.8	
68	5.9	5.0	7.6	

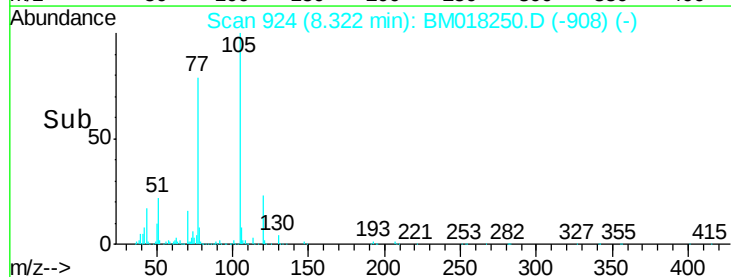
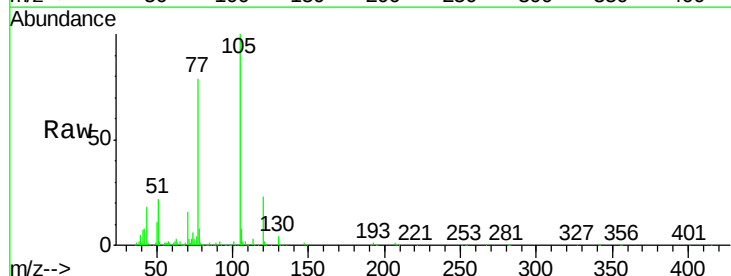
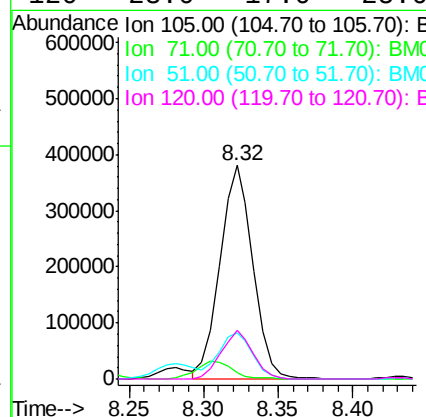
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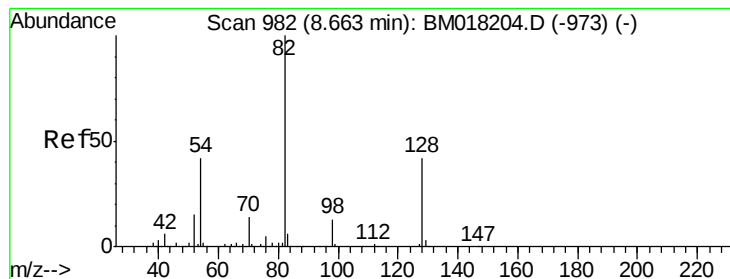
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#22
Acetophenone
Concen: 43.709 ng
RT: 8.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	582007		
71	2.8	2.6	4.0	
51	21.7	18.3	27.5	
120	23.0	17.0	25.6	





#23

Nitrobenzene-d5

Concen: 89.295 ng

RT: 8.66 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

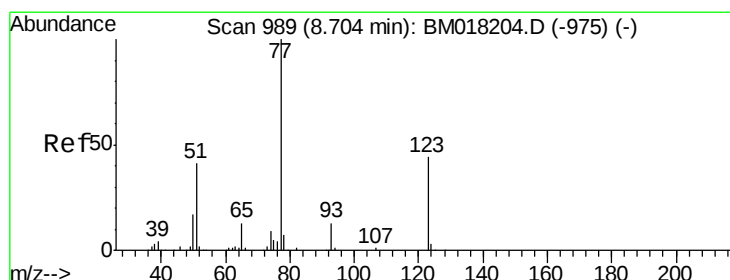
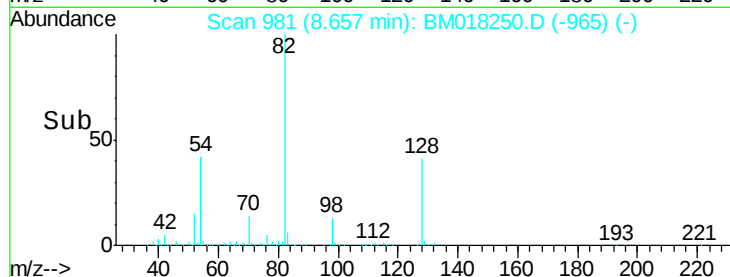
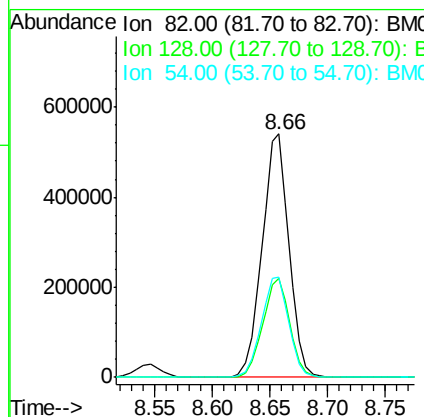
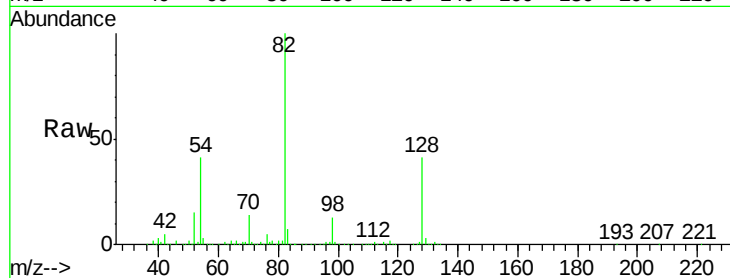
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	82	Resp:	875938
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.4	50.2
54	41.2	33.4	50.2

Manual Integrations
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#24

Nitrobenzene

Concen: 45.378 ng

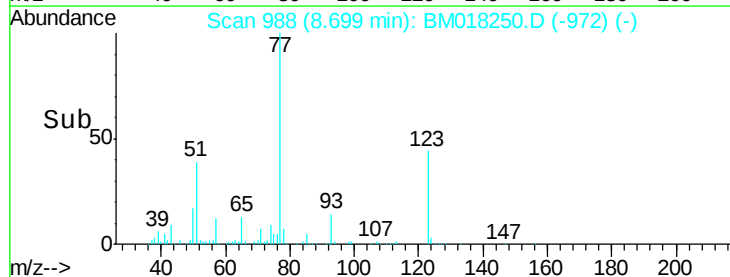
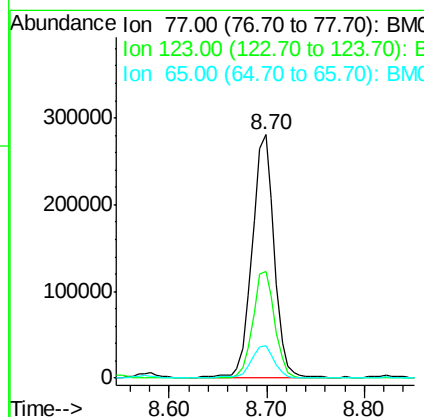
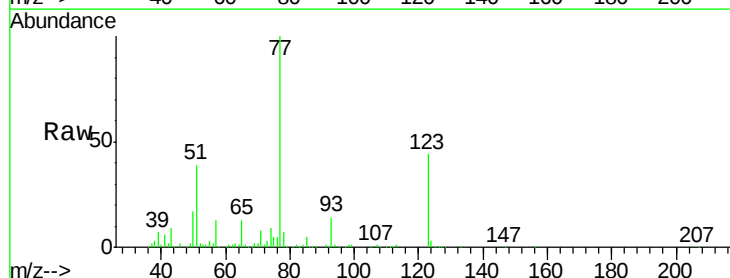
RT: 8.70 min Scan# 988

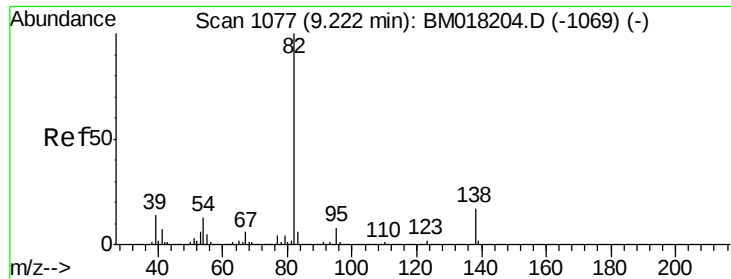
Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:	77	Resp:	444782
Ion Ratio	Lower	Upper	
77	100		
123	43.9	35.4	53.2
65	13.5	10.6	15.8





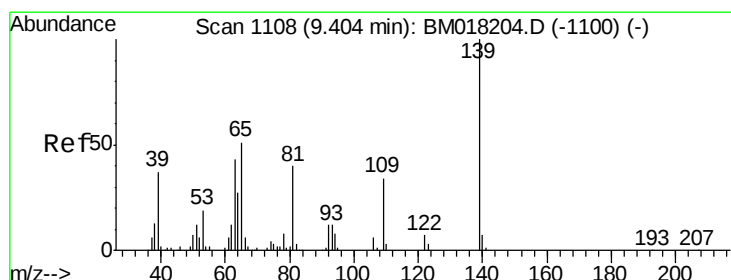
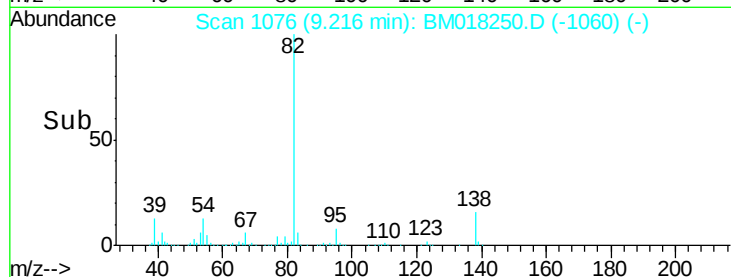
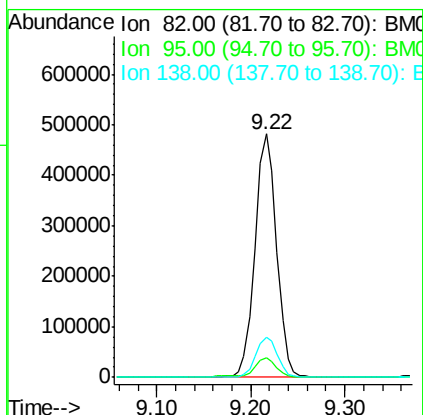
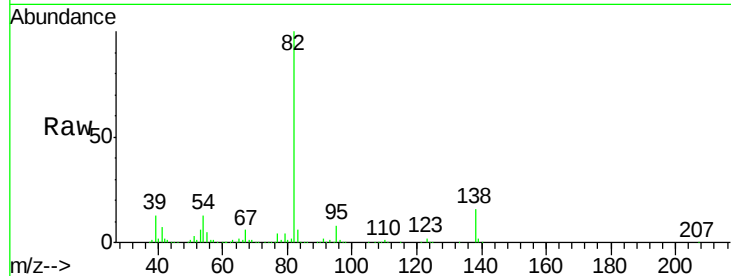
#25
Isophorone
Concen: 46.732 ng
RT: 9.22 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.4	9.6
138	16.3	13.9	20.9

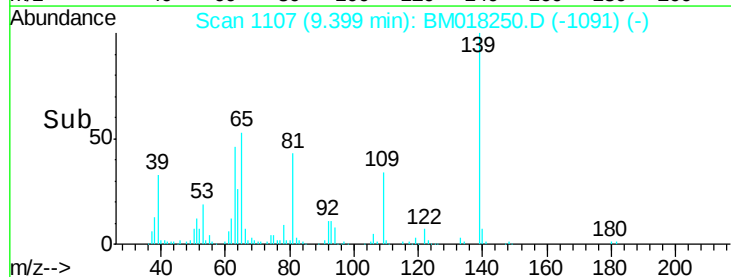
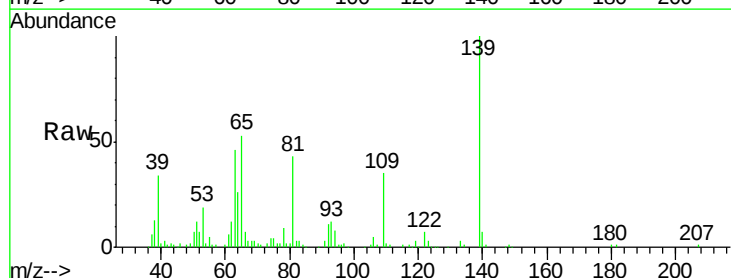
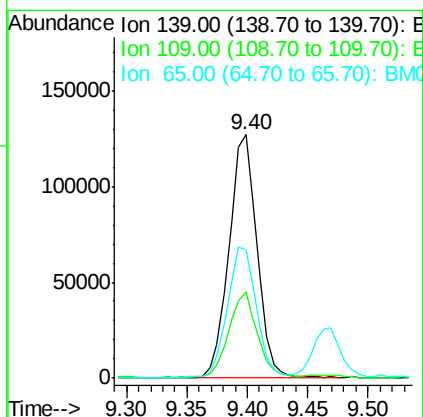
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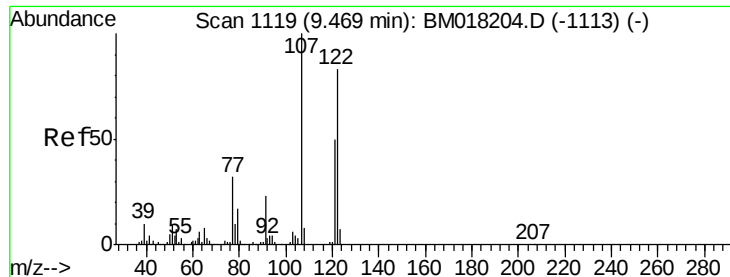
Sohil
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#26
2-Nitrophenol
Concen: 42.850 ng
RT: 9.40 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	35.2	27.4	41.0
65	52.9	41.0	61.4





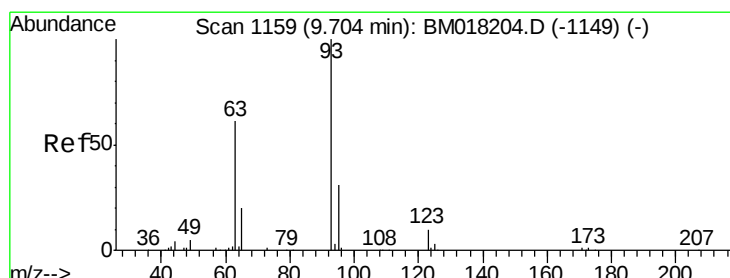
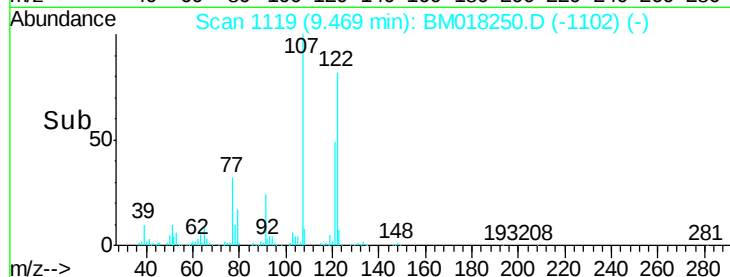
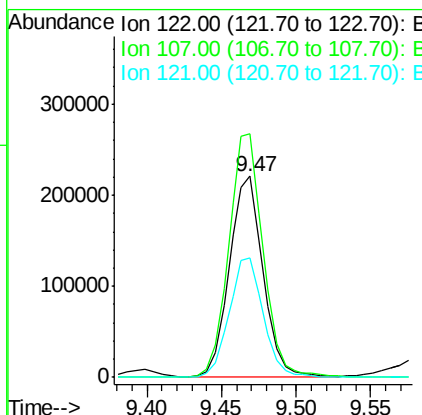
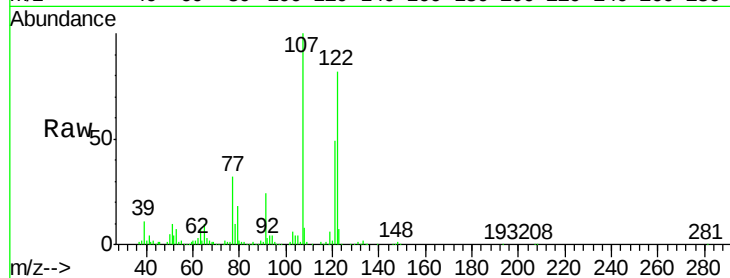
#27
2,4-Dimethylphenol
Concen: 49.768 ng
RT: 9.47 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	344818		
107	121.3	96.5	144.7	
121	59.7	48.2	72.4	

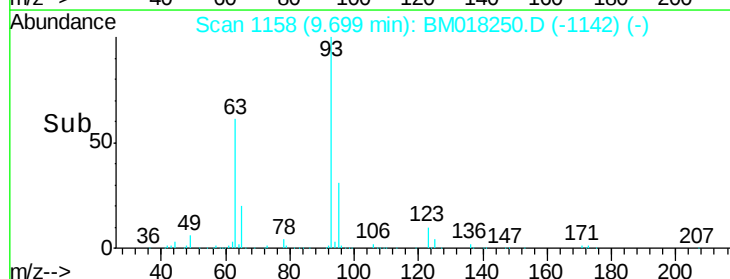
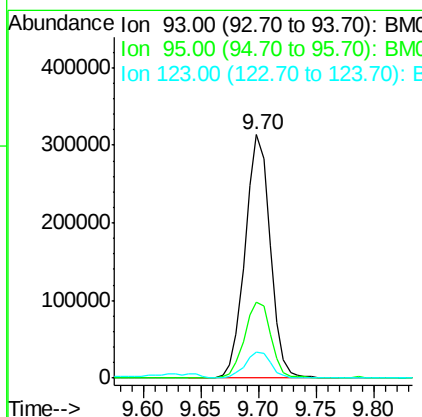
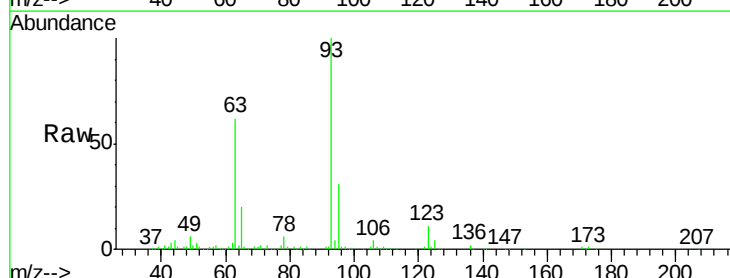
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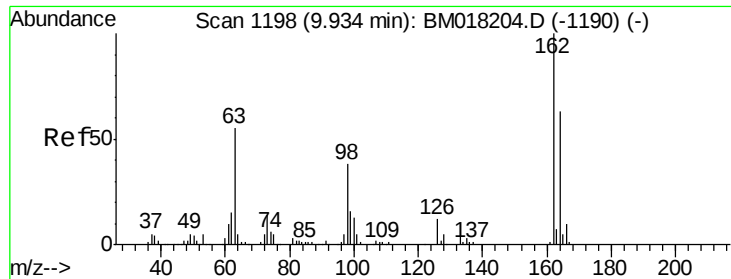
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#28
bis(2-Chloroethoxy)methane
Concen: 44.423 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	472909		
95	31.3	25.3	37.9	
123	10.7	9.3	13.9	





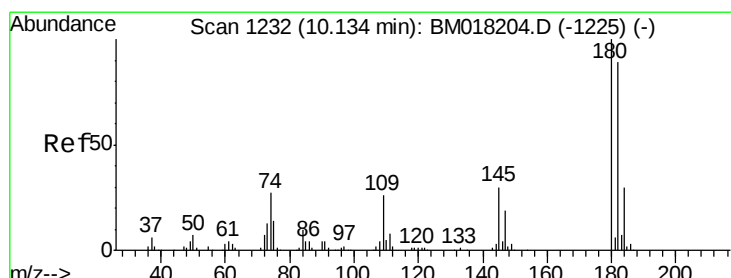
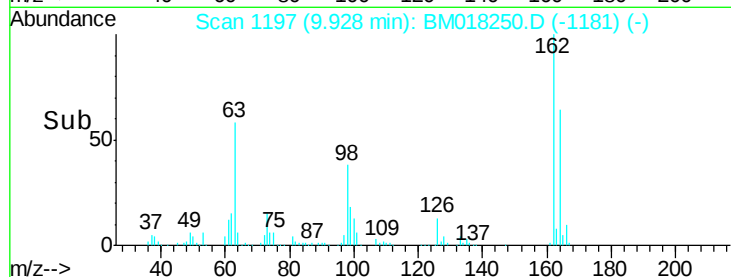
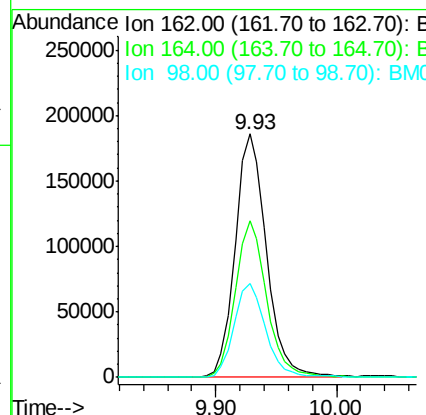
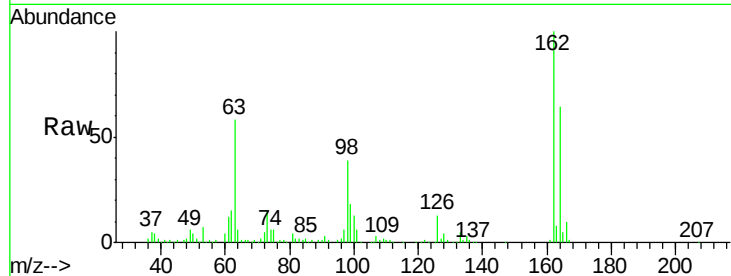
#29
2,4-Dichlorophenol
Concen: 43.644 ng
RT: 9.93 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	335274		
164	64.5	43.0	83.0	
98	38.6	18.3	58.3	

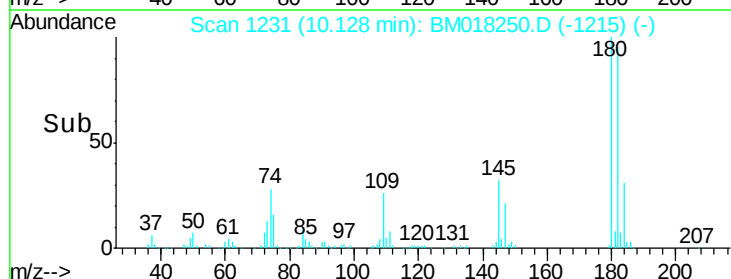
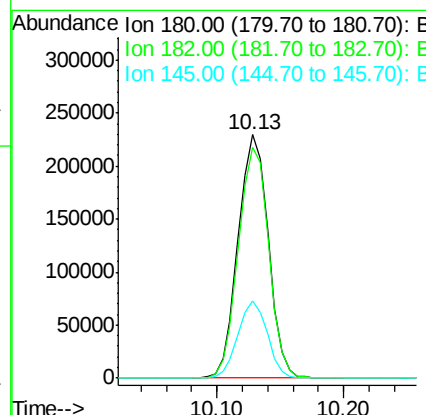
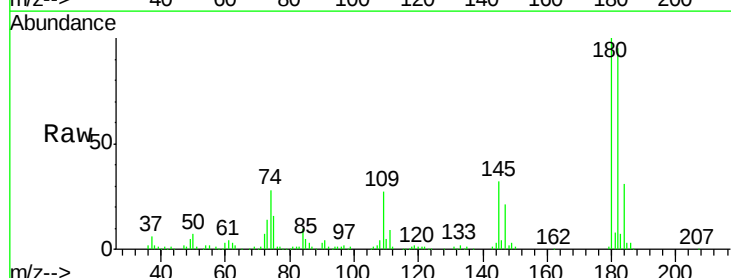
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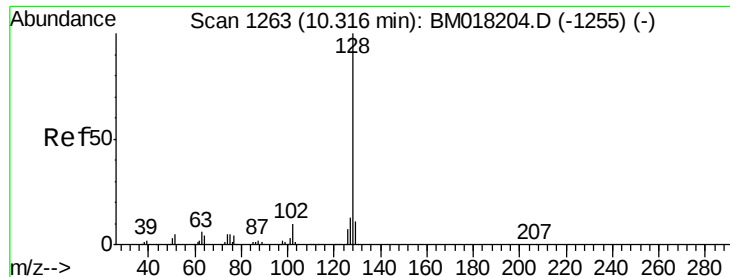
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#30
1,2,4-Trichlorobenzene
Concen: 43.318 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	378517		
182	95.0	71.4	107.2	
145	31.6	24.4	36.6	





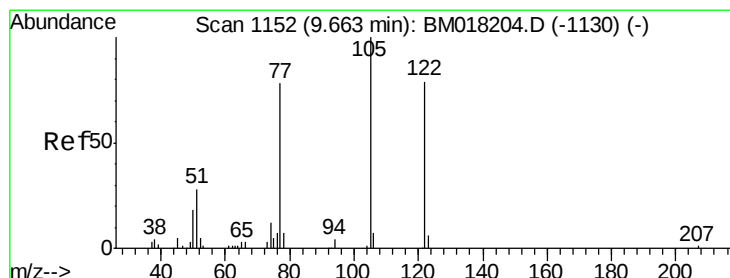
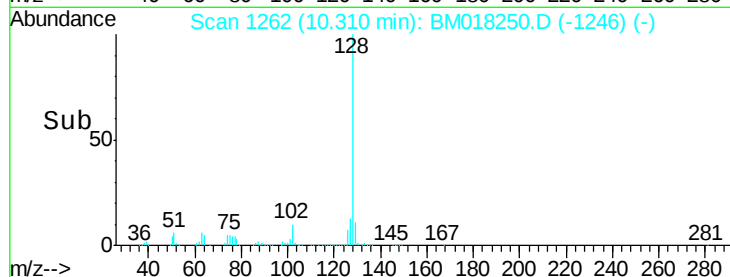
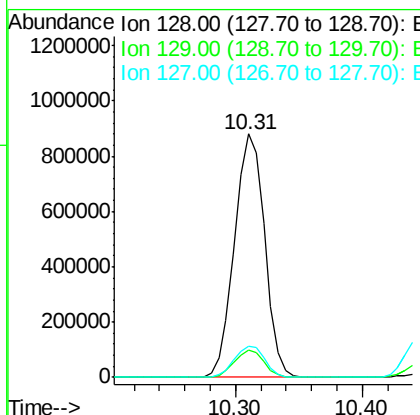
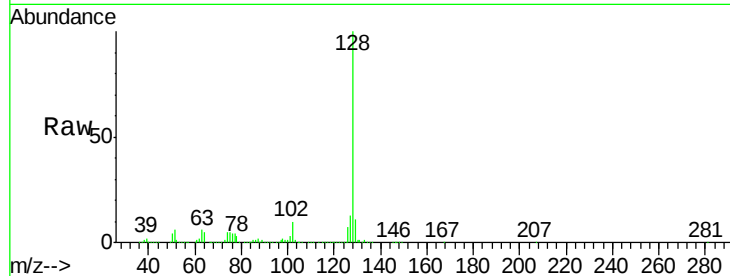
#31
Naphthalene
Concen: 58.933 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.8	10.4	15.6

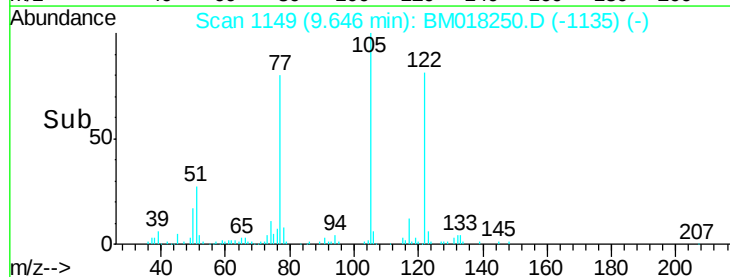
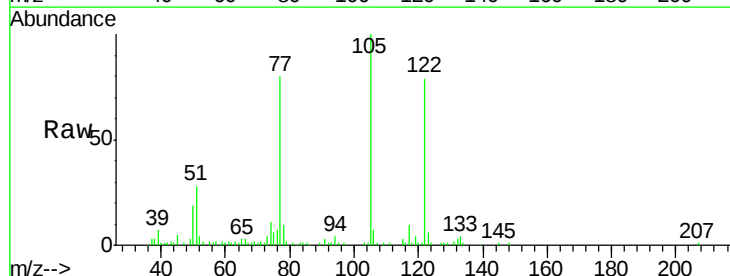
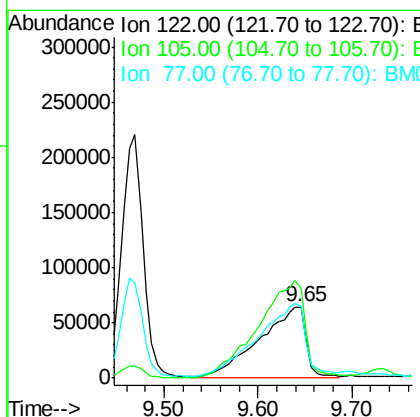
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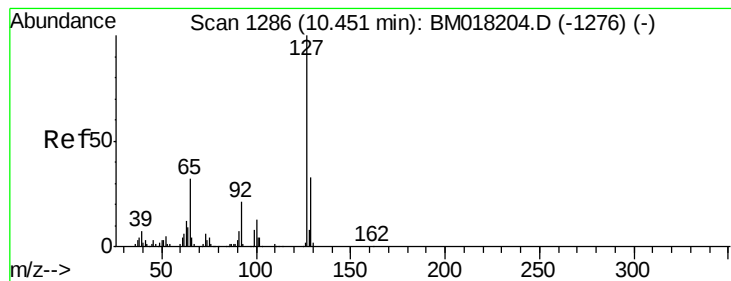
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#32
Benzoic acid
Concen: 33.374 ng m
RT: 9.65 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	104.8	144.8
77	101.6	77.7	117.7





#33

4-Chloroaniline

Concen: 26.736 ng

RT: 10.45 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BM018250.D

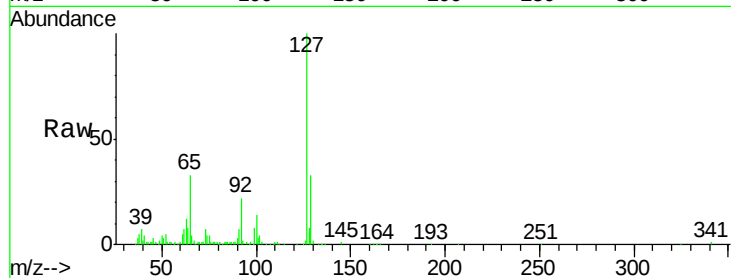
Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS



Tgt Ion:127 Resp: 288138

Ion Ratio Lower Upper

127 100

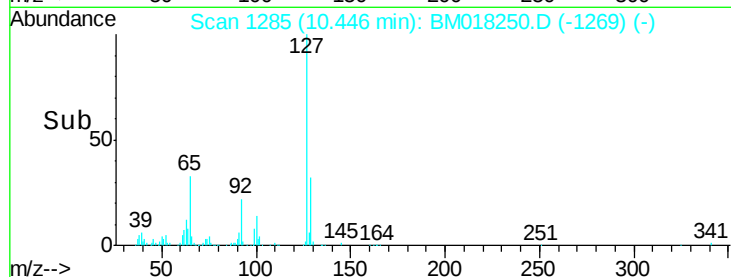
129 32.6 26.4 39.6

65 33.4 25.6 38.4

92 22.0 17.0 25.6

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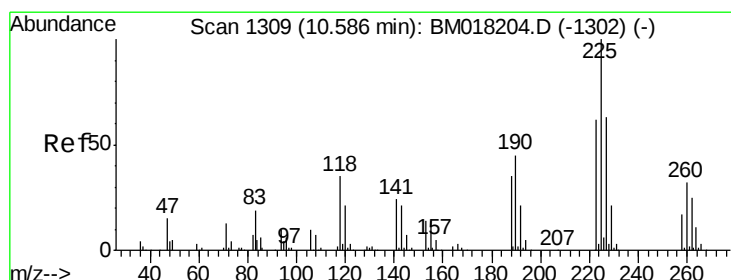
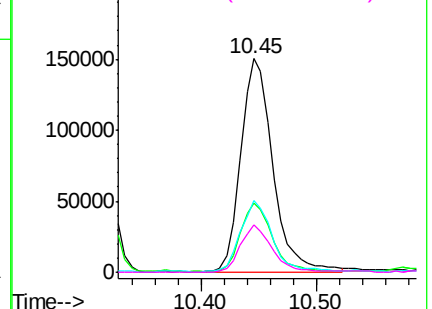


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.159 ng

RT: 10.58 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

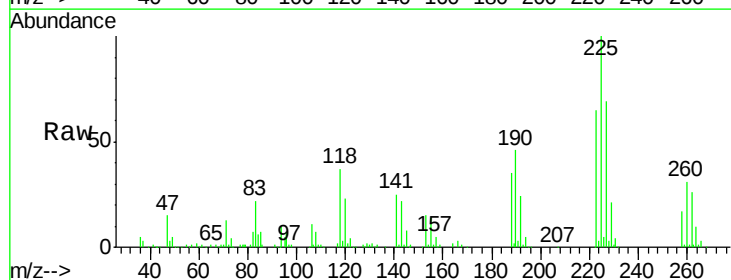
Tgt Ion:225 Resp: 232989

Ion Ratio Lower Upper

225 100

223 65.0 49.8 74.6

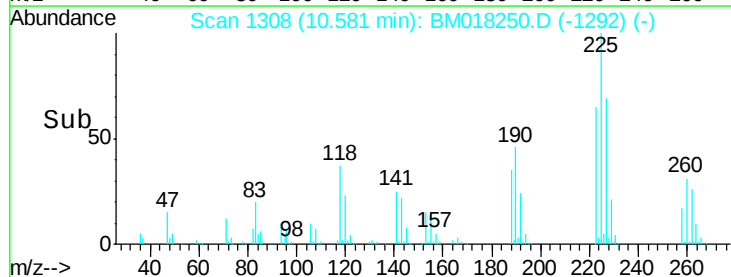
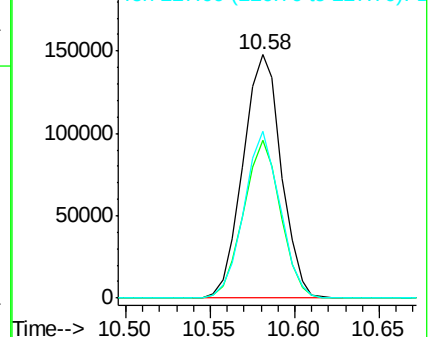
227 68.8 50.2 75.4

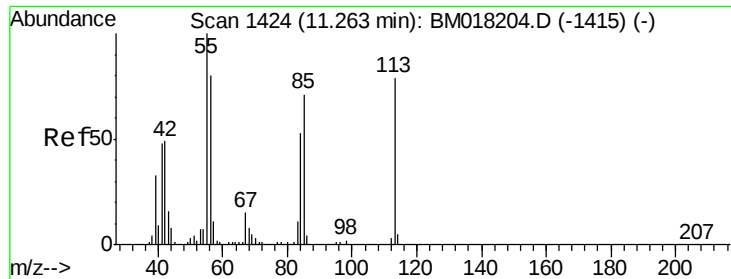


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





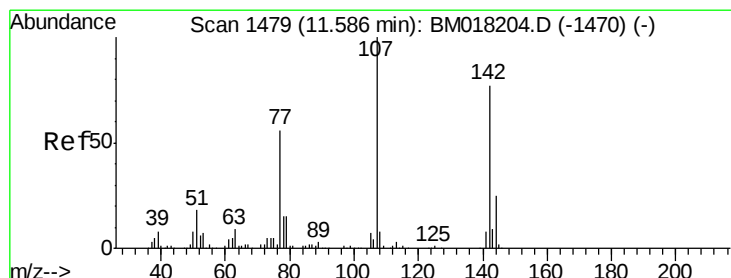
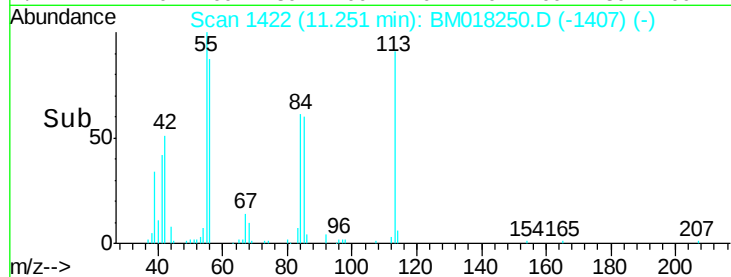
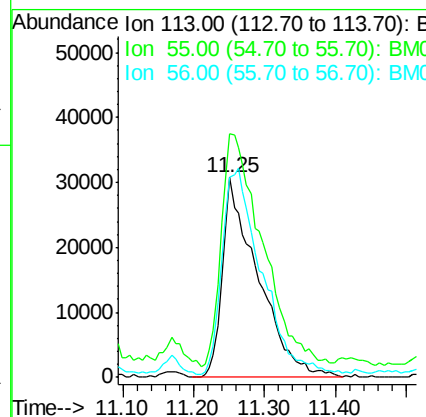
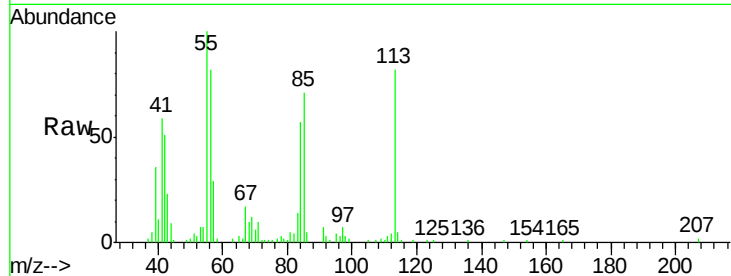
#35
 Caprolactam
 Concen: 36.668 ng m
 RT: 11.25 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	121.8	105.9	145.9
56	100.3	80.1	120.1

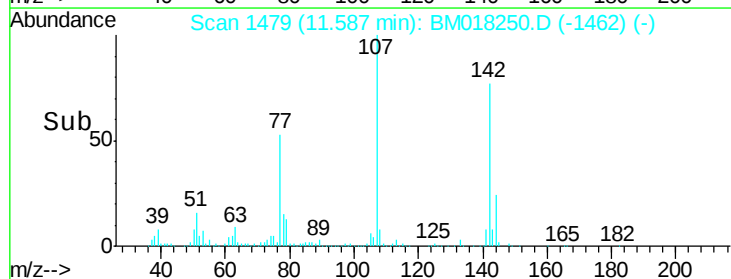
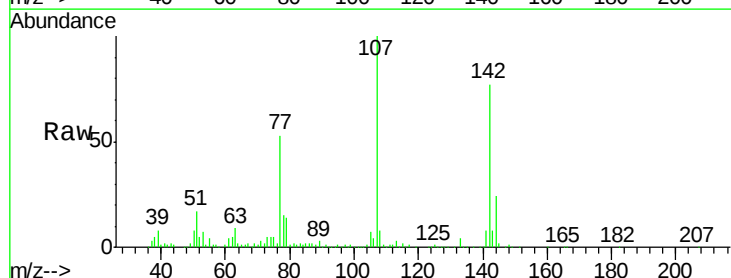
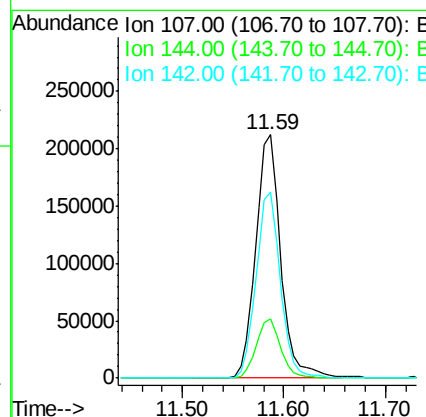
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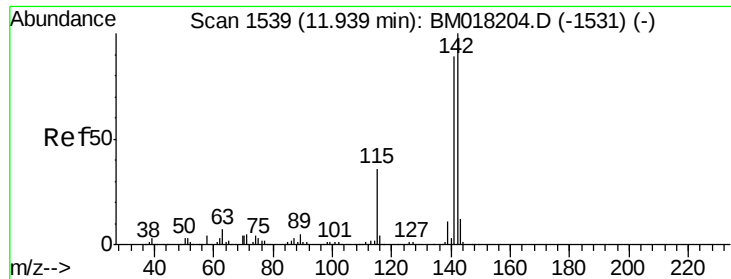
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#36
 4-Chloro-3-methylphenol
 Concen: 39.347 ng
 RT: 11.59 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.1	30.1
142	76.6	61.7	92.5





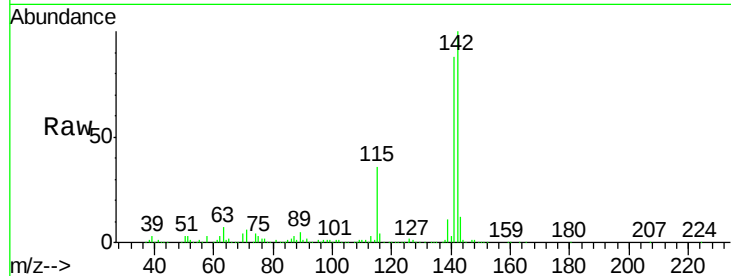
#37
2-Methylnaphthalene
Concen: 51.730 ng
RT: 11.93 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

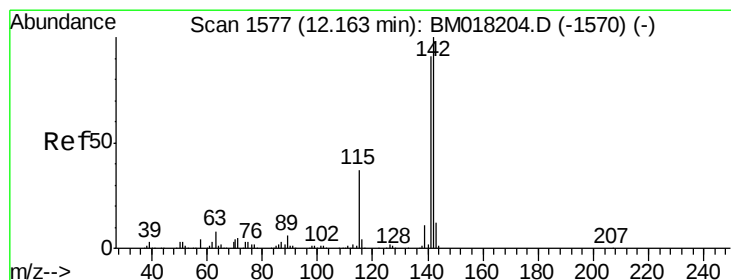
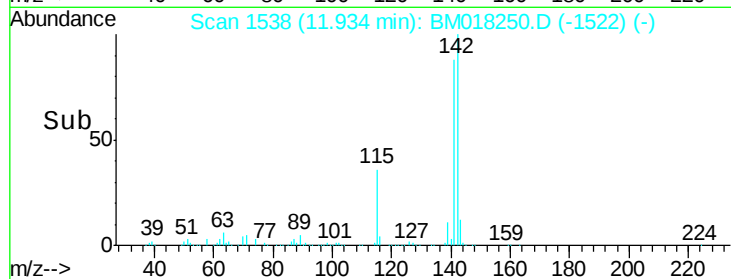
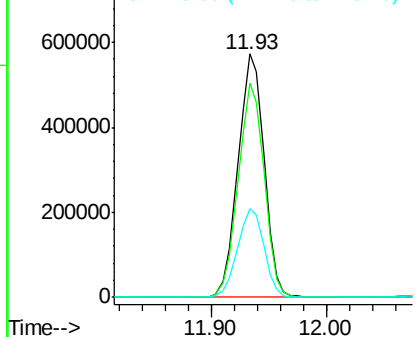
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.2
115	36.3	29.0	43.6

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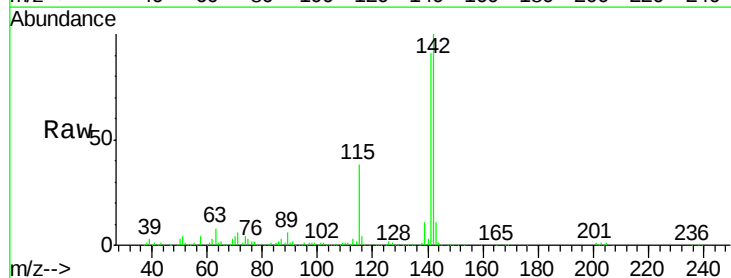


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

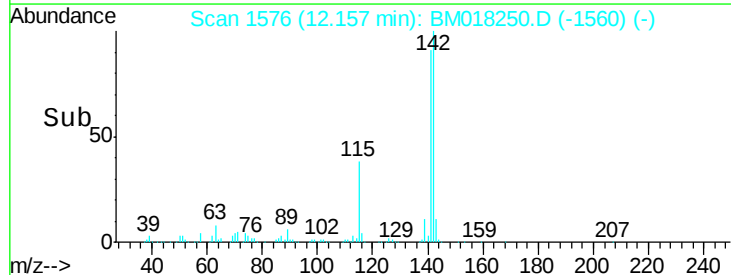
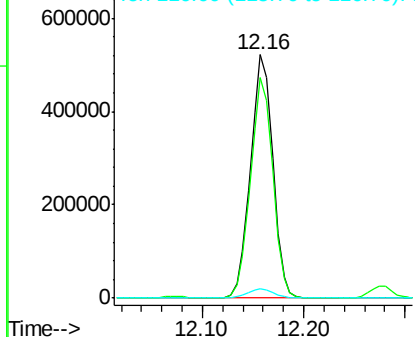


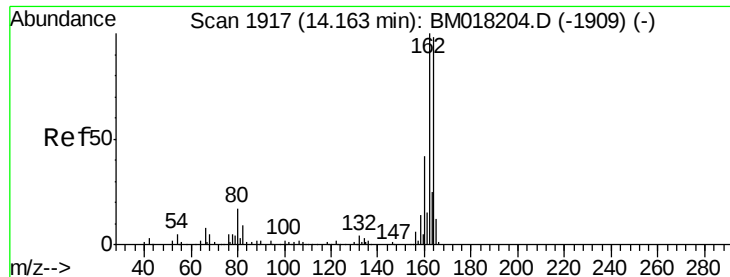
#38
1-Methylnaphthalene
Concen: 47.288 ng
RT: 12.16 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.4
116	3.9	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

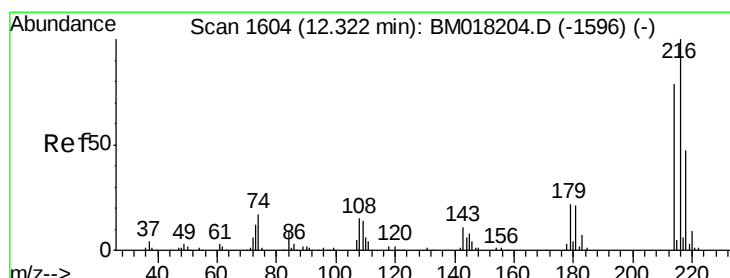
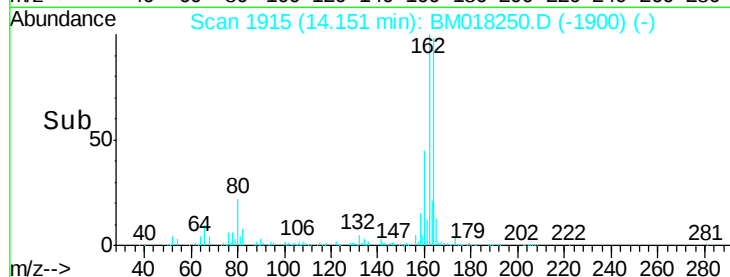
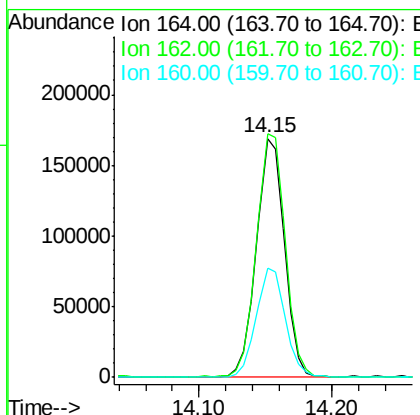
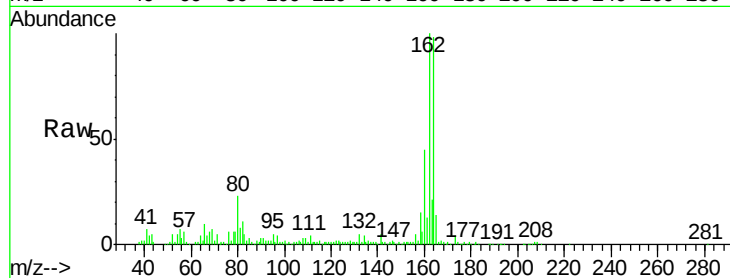
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	164	Resp:	244834
Ion Ratio	Lower	Upper	
164	100		
162	101.8	81.8	122.6
160	45.7	34.6	51.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.638 ng

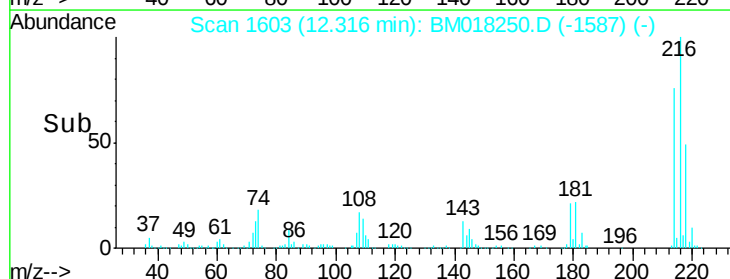
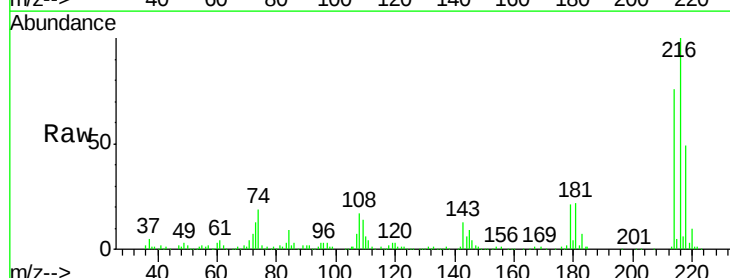
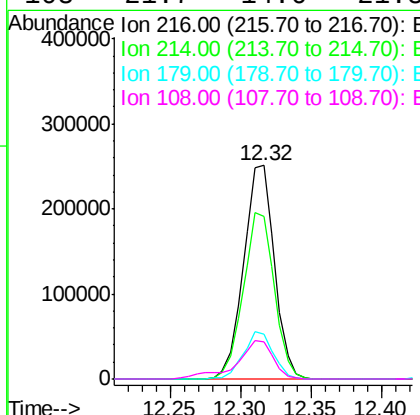
RT: 12.32 min Scan# 1603

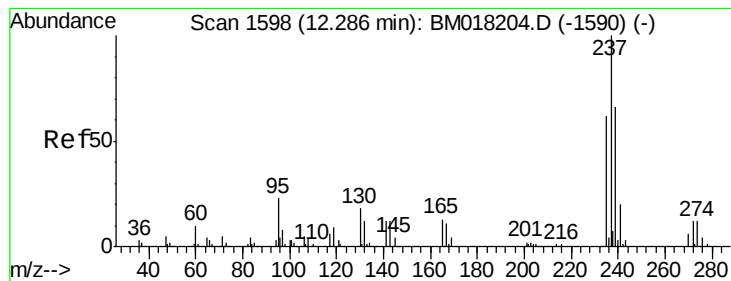
Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:	216	Resp:	384238
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.4	95.0
179	21.7	17.2	25.8
108	21.7	14.6	21.8





#41

Hexachlorocyclopentadiene

Concen: 86.373 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

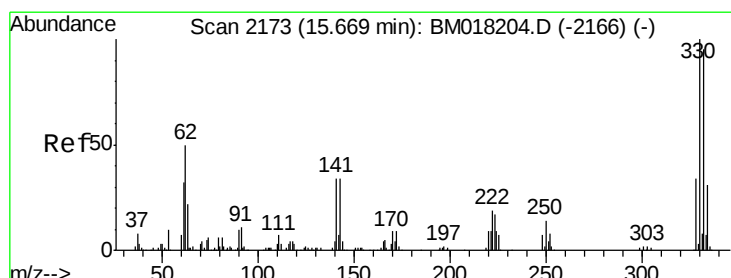
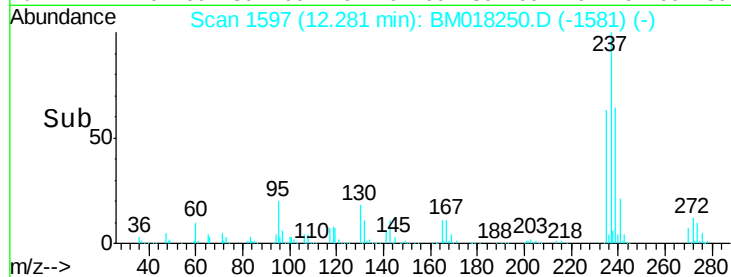
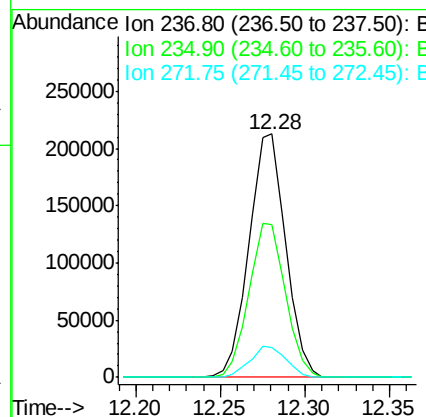
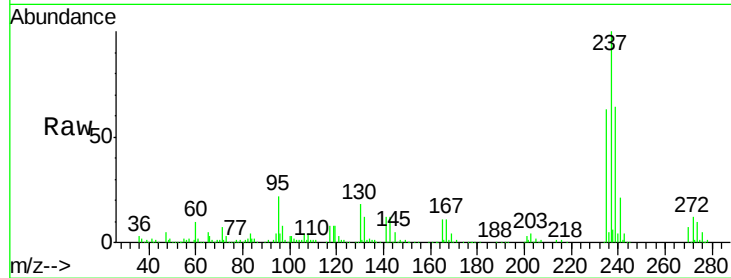
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	237	Resp:	321092
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.1	82.1
272	12.2	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 110.958 ng

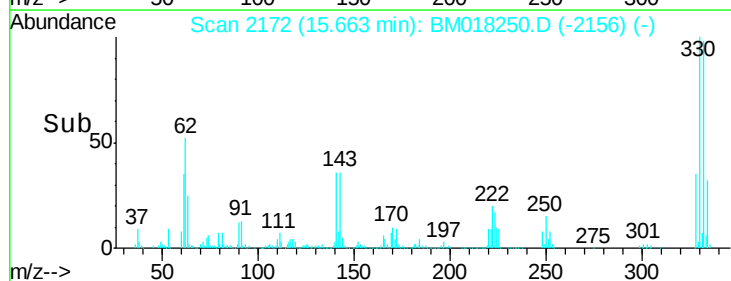
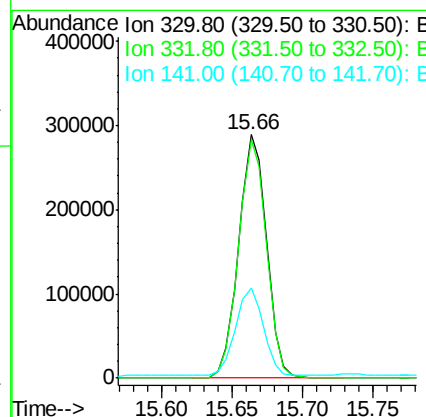
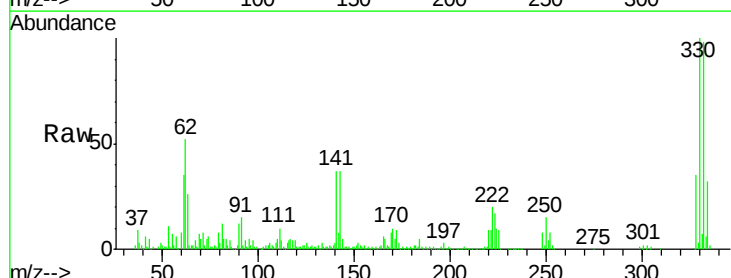
RT: 15.66 min Scan# 2172

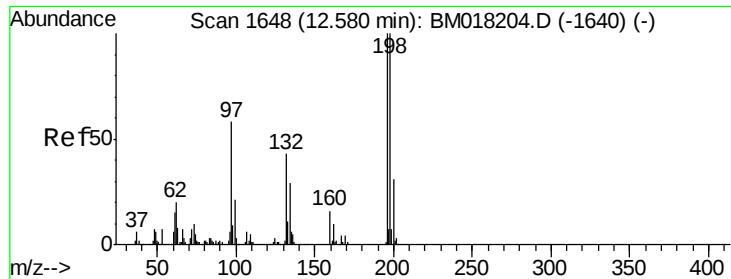
Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:	330	Resp:	398726
Ion Ratio	Lower	Upper	
330	100		
332	98.0	78.6	118.0
141	36.0	27.1	40.7





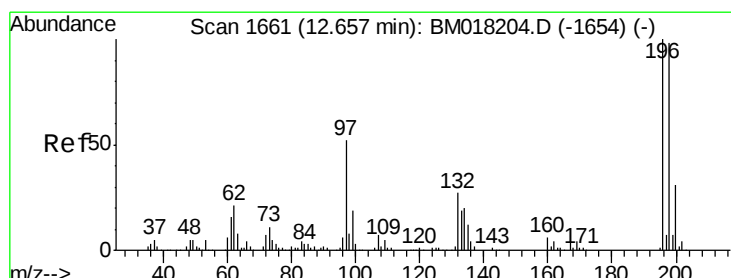
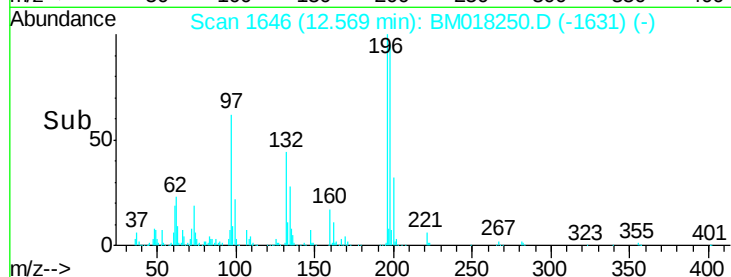
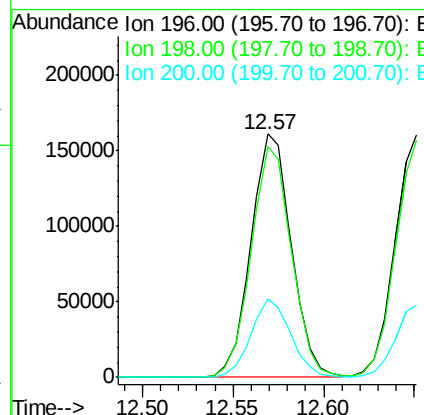
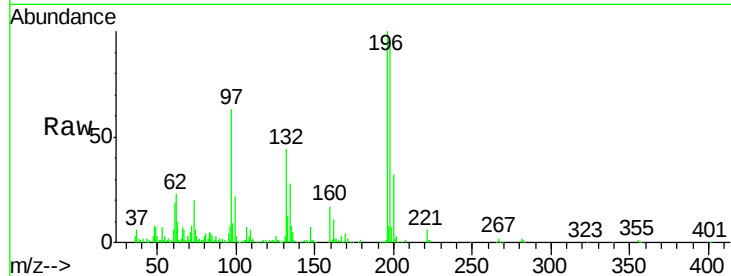
#43
 2,4,6-Trichlorophenol
 Concen: 46.201 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	250178		
198	94.9	80.1	120.1	
200	32.1	24.9	37.3	

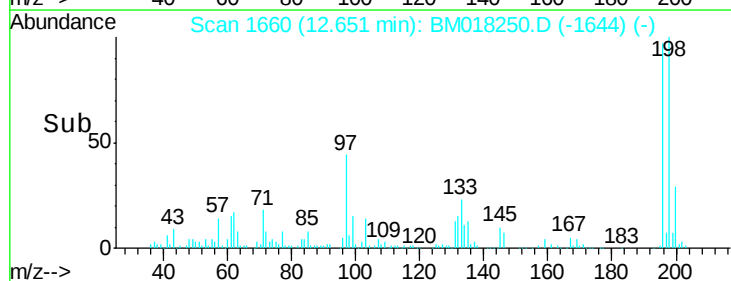
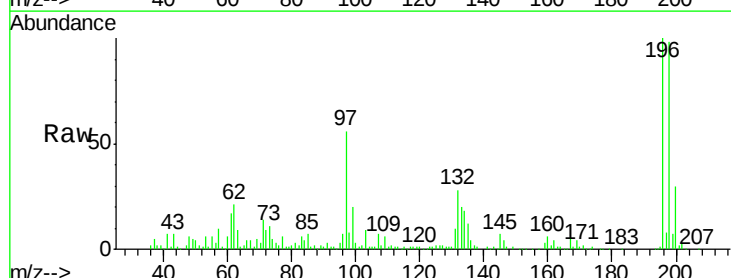
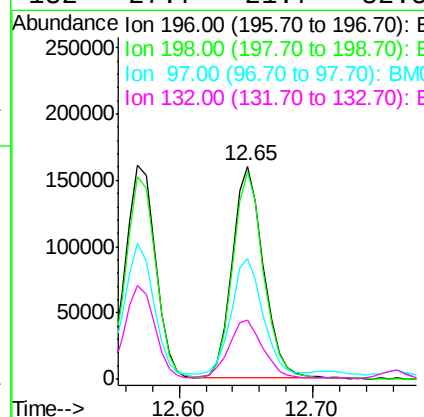
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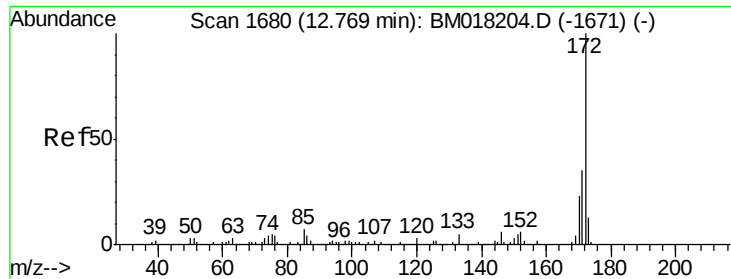
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#44
 2,4,5-Trichlorophenol
 Concen: 45.248 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260119		
198	97.7	78.5	117.7	
97	56.3	41.9	62.9	
132	27.7	21.7	32.5	





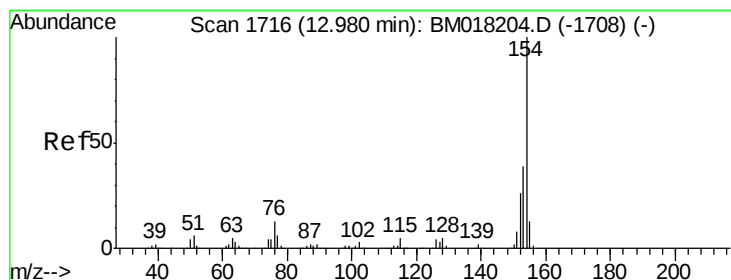
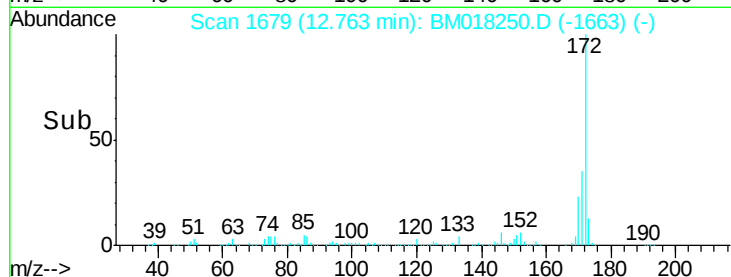
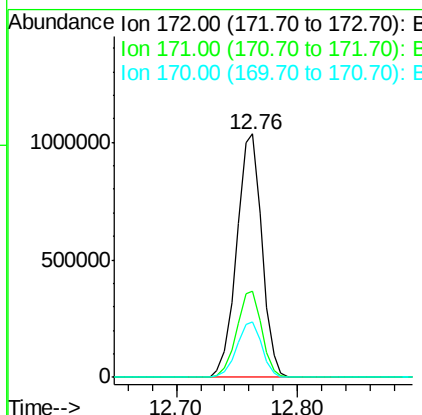
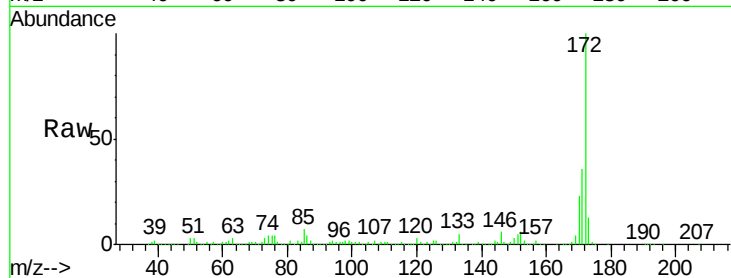
#45
 2-Fluorobiphenyl
 Concen: 79.659 ng
 RT: 12.76 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion:	172	Resp:	1505765
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	22.8	18.1	27.1

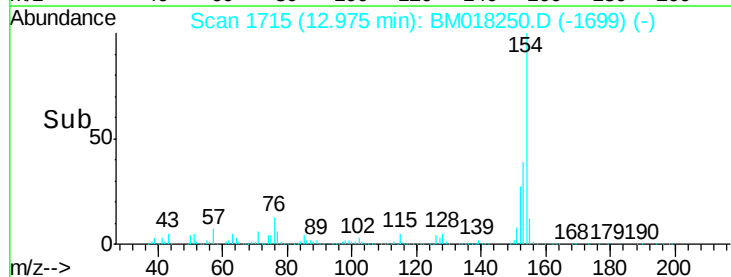
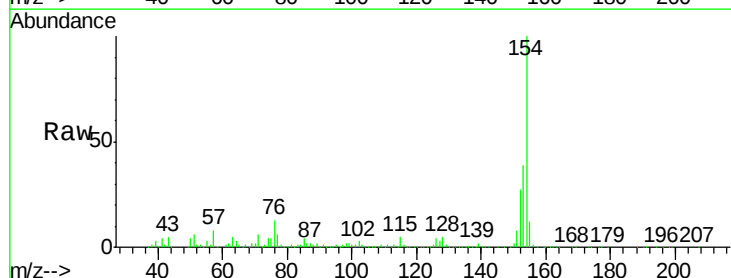
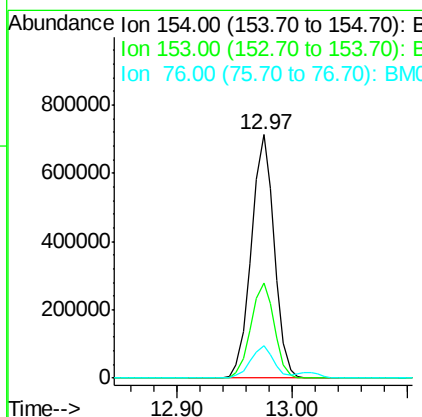
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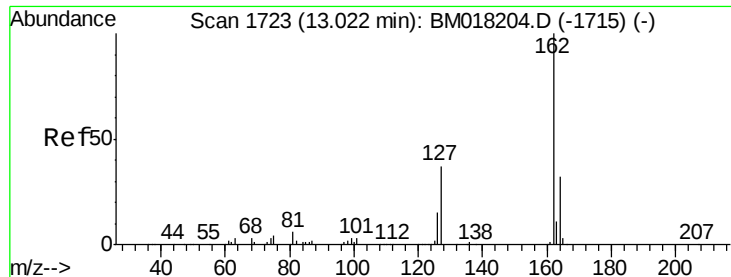
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#46
 1,1'-Biphenyl
 Concen: 44.720 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion:	154	Resp:	984998
Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.5	59.5
76	13.2	0.0	33.1





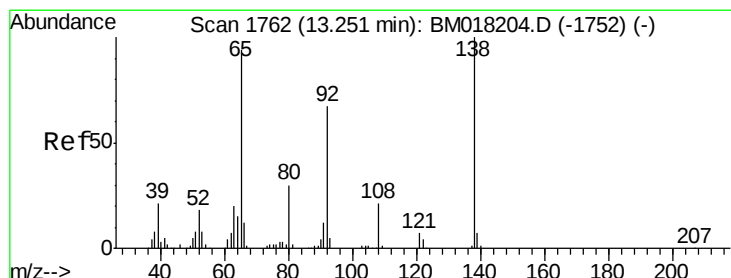
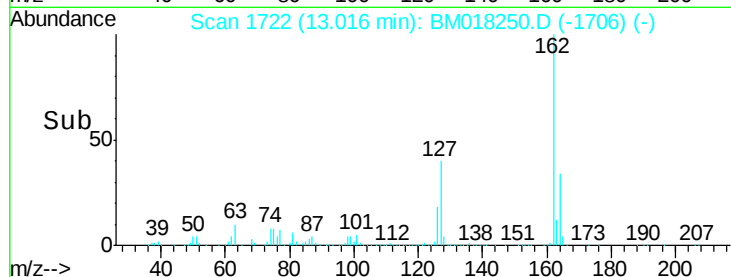
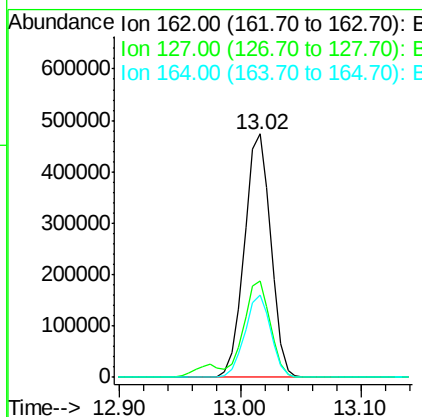
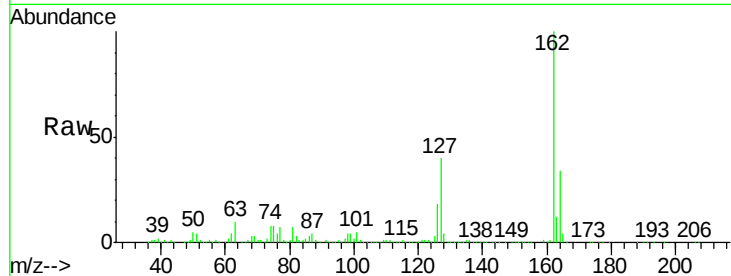
#47
2-Chloronaphthalene
Concen: 44.644 ng
RT: 13.02 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.8	47.8
164	33.7	25.9	38.9

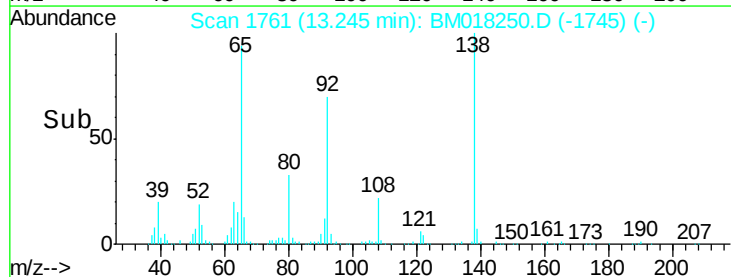
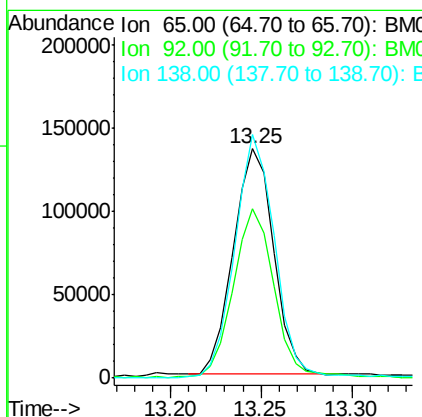
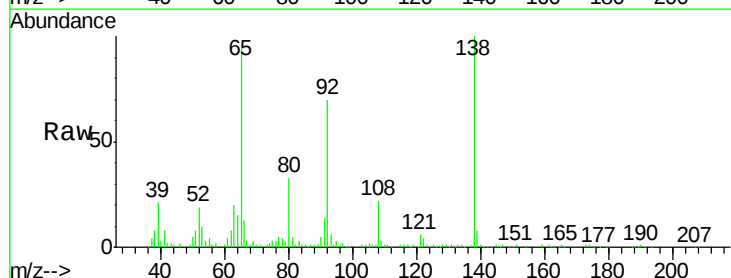
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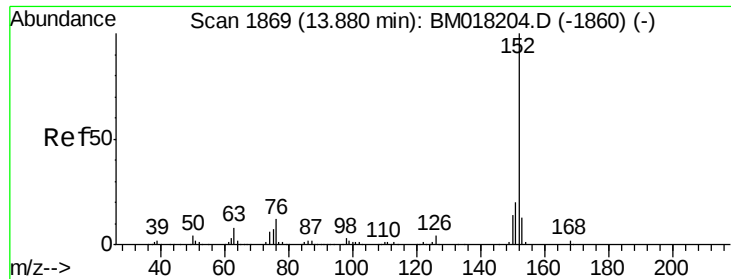
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#48
2-Nitroaniline
Concen: 41.781 ng
RT: 13.25 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	56.8	85.2
138	106.1	85.1	127.7





#49

Acenaphthylene

Concen: 46.254 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

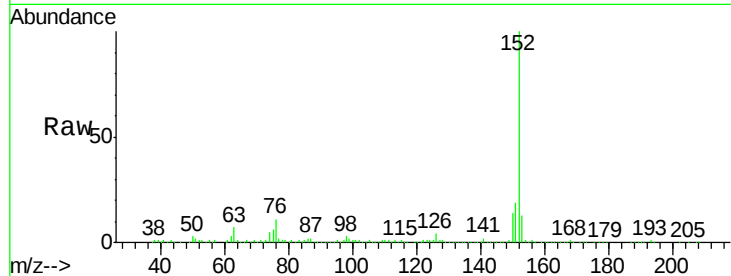
ClientSampleId :

P001-SD012-0612-01MS

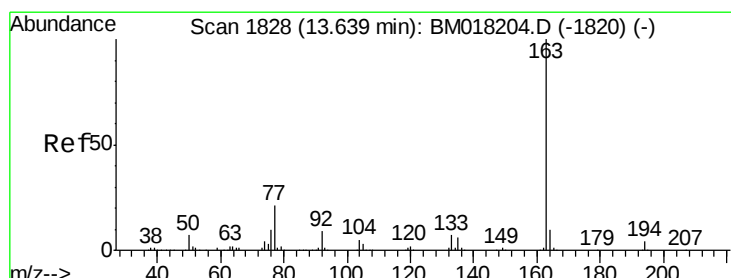
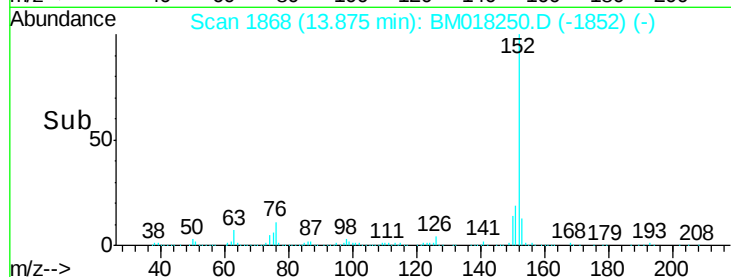
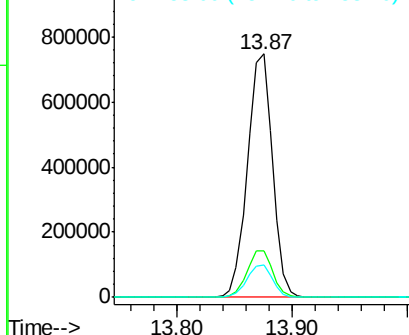
Tgt Ion:	152	Resp:	1130013
Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.0	24.0
153	13.1	10.2	15.2

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



#50

Dimethylphthalate

Concen: 47.208 ng

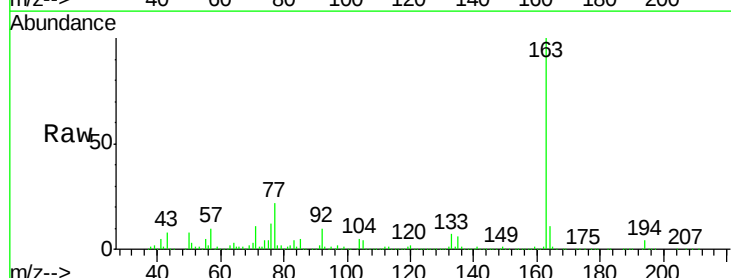
RT: 13.63 min Scan# 1826

Delta R.T. -0.01 min

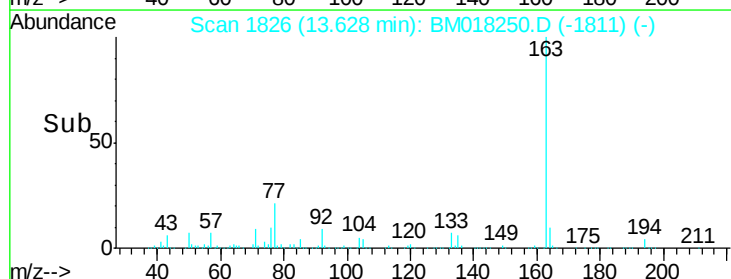
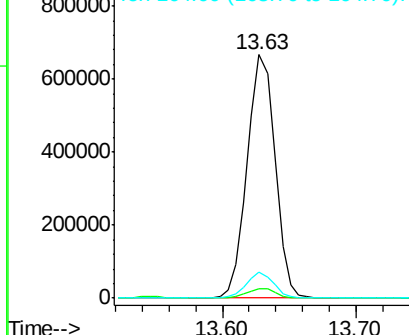
Lab File: BM018250.D

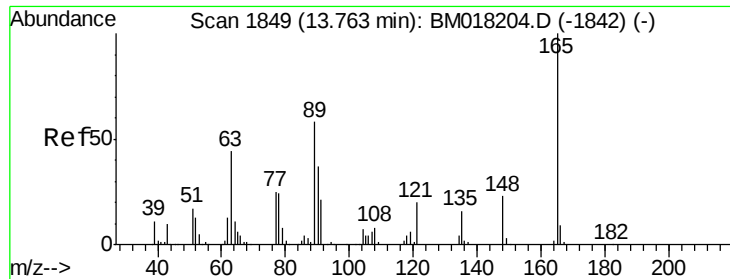
Acq: 17 Dec 2018 15:50

Tgt Ion:	163	Resp:	960907
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.5	7.9	11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.829 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

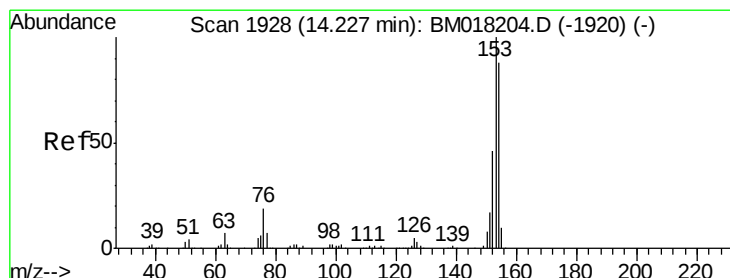
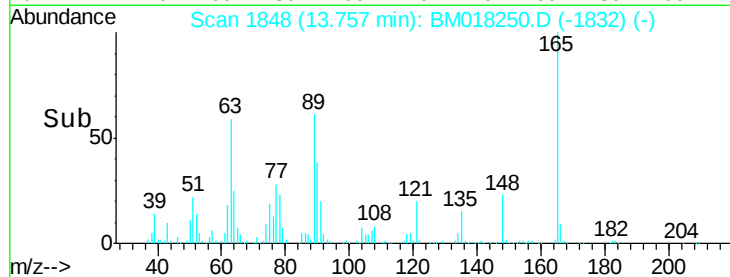
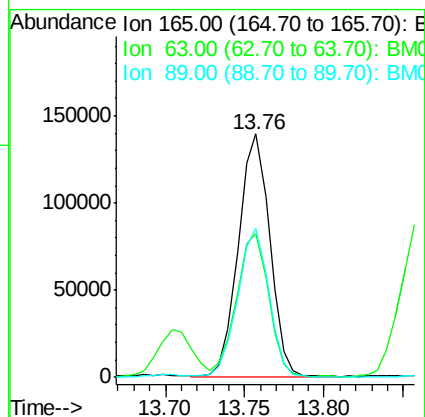
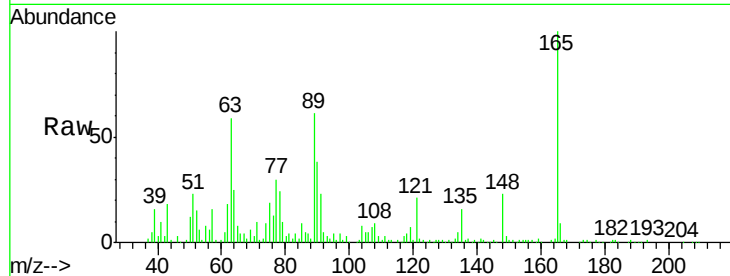
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	165	Resp:	191643
Ion Ratio	Lower	Upper	
165	100		
63	58.8	46.6	69.8
89	60.9	46.3	69.5

Manual Integrations
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#52

Acenaphthene

Concen: 43.668 ng

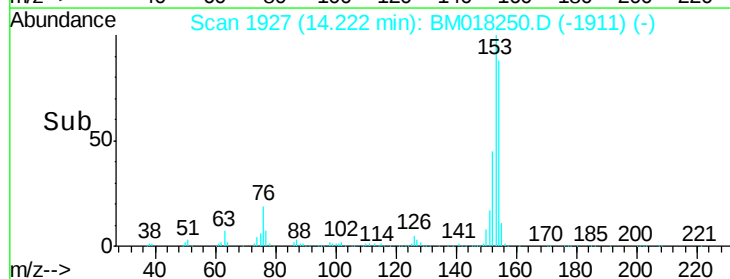
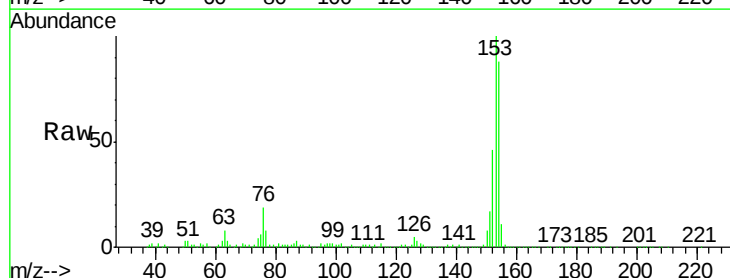
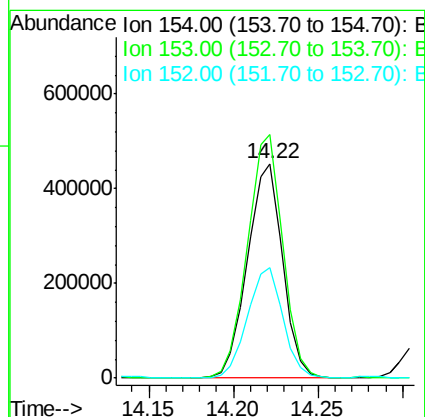
RT: 14.22 min Scan# 1927

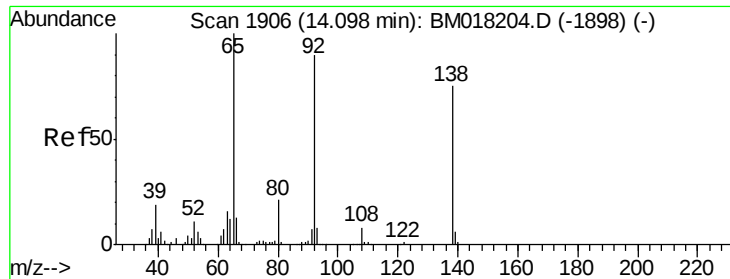
Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:	154	Resp:	651973
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.4	135.6
152	51.8	41.2	61.8





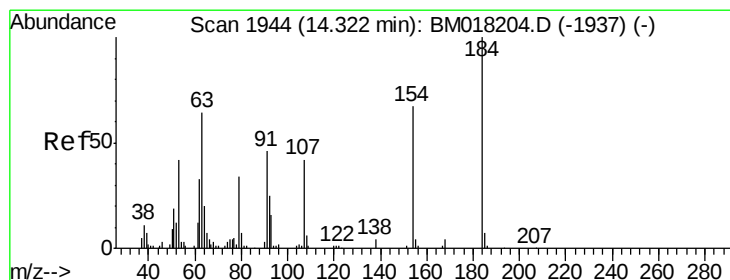
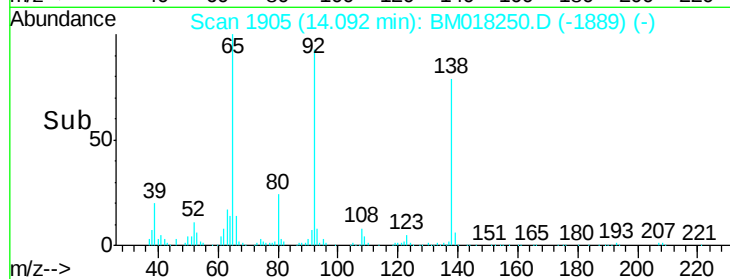
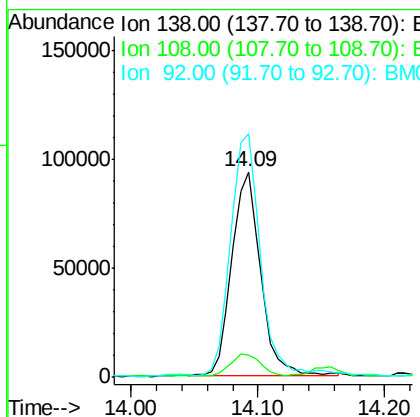
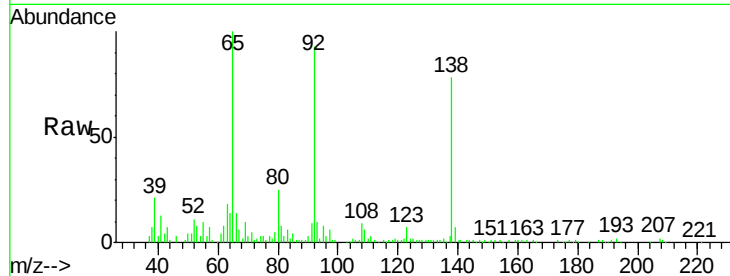
#53
3-Nitroaniline
Concen: 30.958 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	145776		
108	11.0	8.4	12.6	
92	118.5	94.9	142.3	

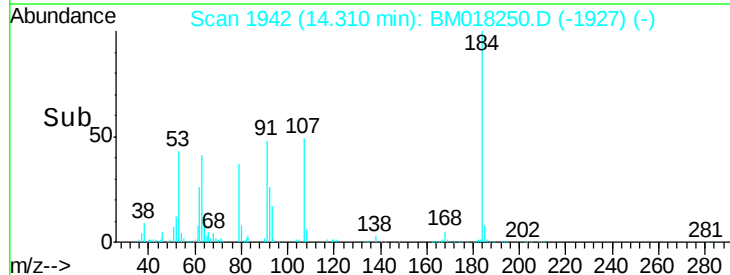
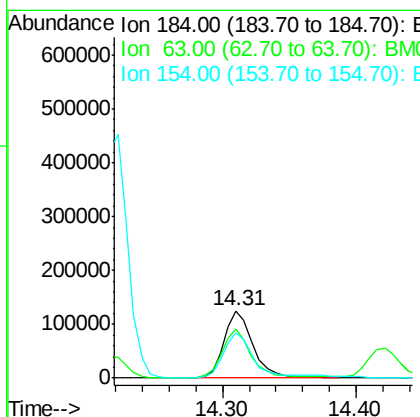
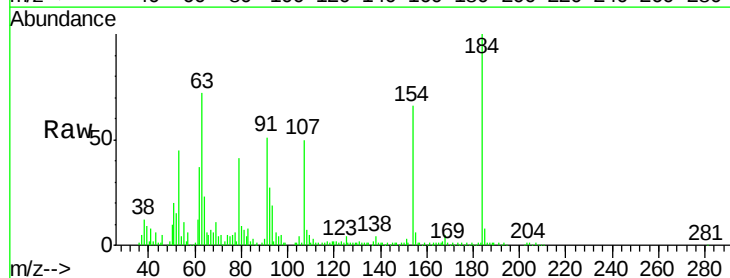
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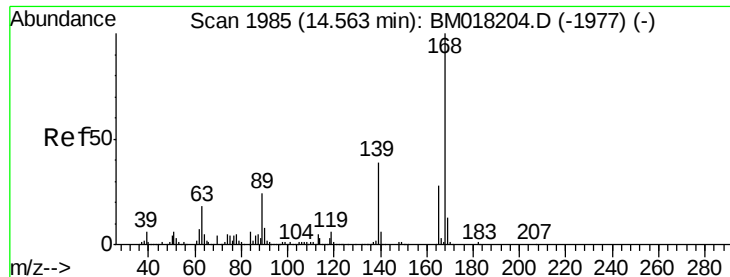
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#54
2,4-Dinitrophenol
Concen: 78.104 ng
RT: 14.31 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	192787		
63	72.1	51.6	77.4	
154	66.4	54.0	81.0	





#55

Dibenzofuran

Concen: 43.545 ng

RT: 14.56 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:168 Resp: 1044666

Ion Ratio Lower Upper

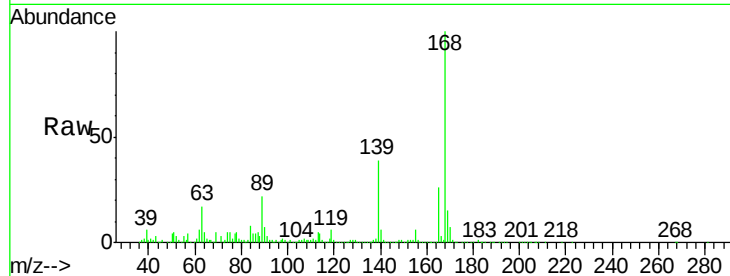
168 100

139 39.2 31.2 46.8

169 14.7 10.4 15.6

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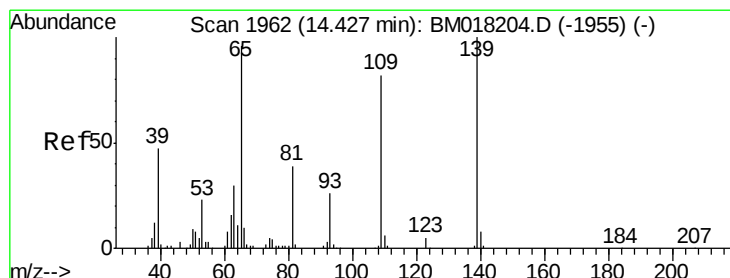
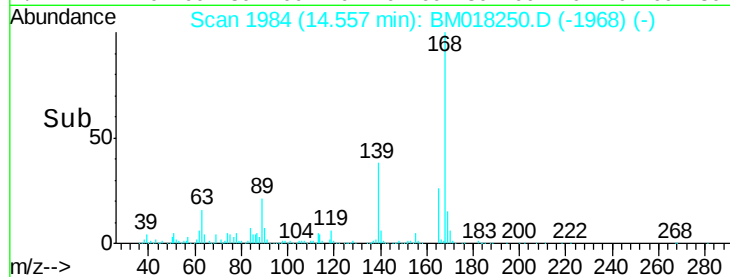
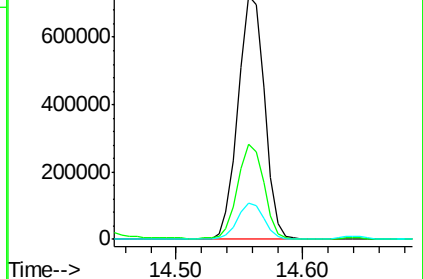
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.261 ng

RT: 14.42 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

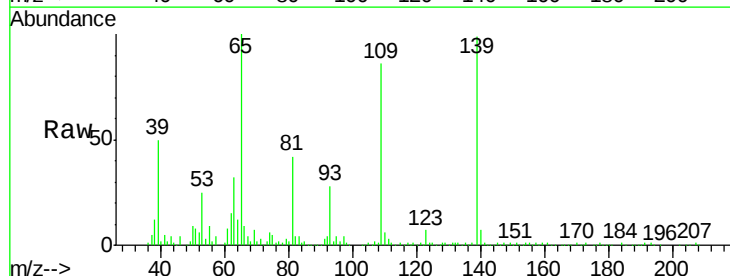
Tgt Ion:139 Resp: 290118

Ion Ratio Lower Upper

139 100

109 87.1 62.3 102.3

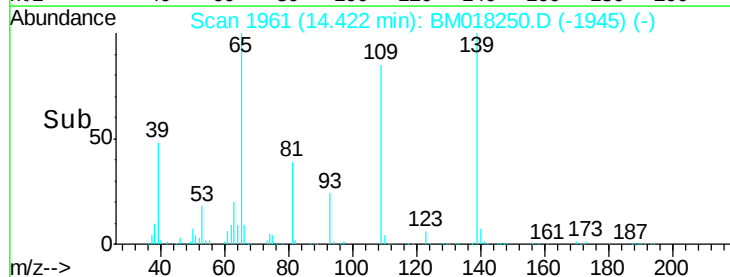
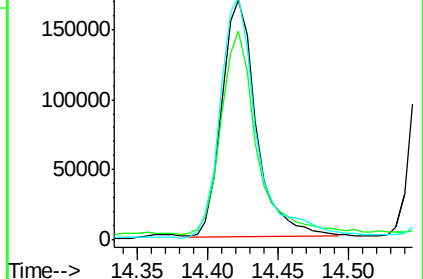
65 101.4 76.4 116.4

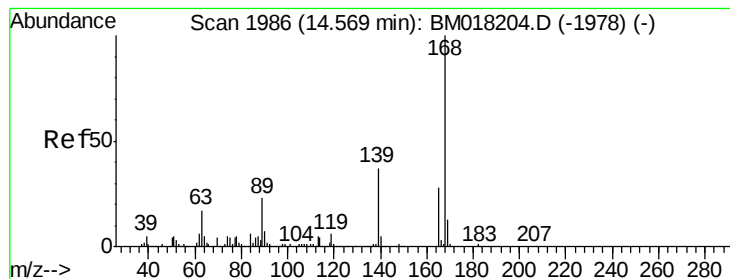


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





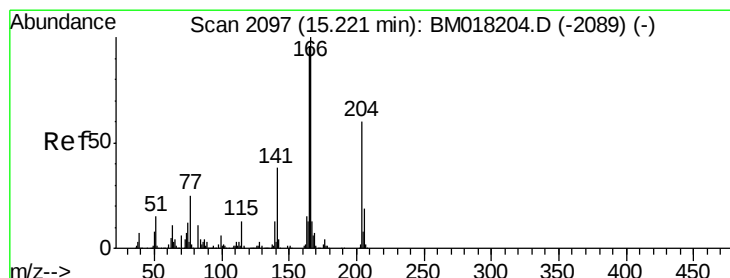
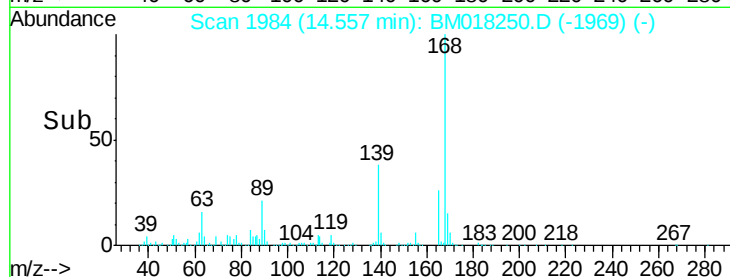
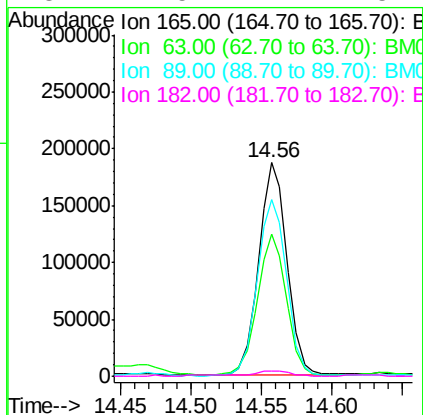
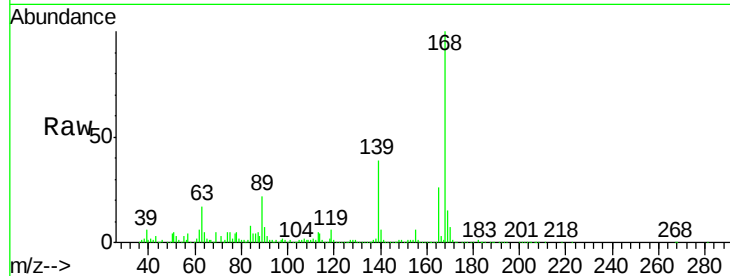
#57
 2,4-Dinitrotoluene
 Concen: 42.982 ng
 RT: 14.56 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		265843		
63	66.8	47.2	70.8		
89	82.9	65.8	98.8		
182	2.5	2.2	3.4		

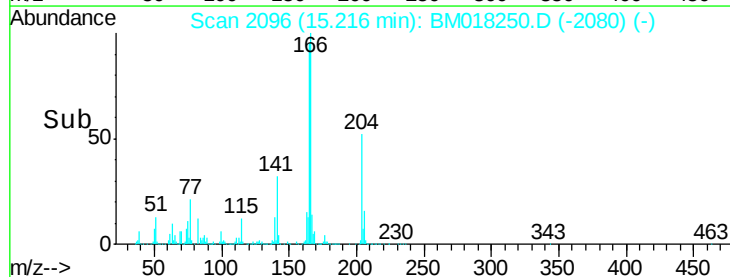
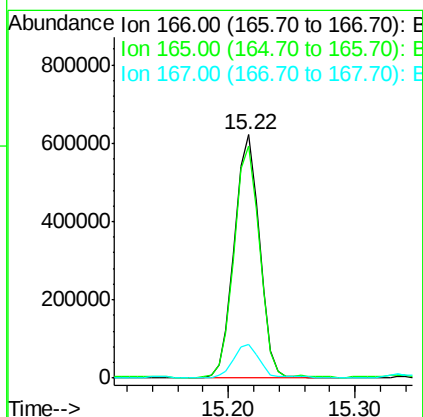
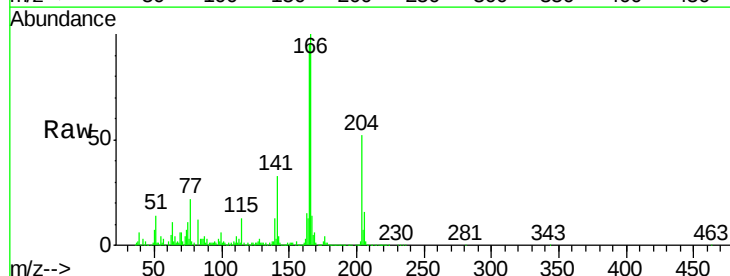
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#58
 Fluorene
 Concen: 45.890 ng
 RT: 15.22 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		850296		
165	95.3	76.9	115.3		
167	13.8	10.5	15.7		





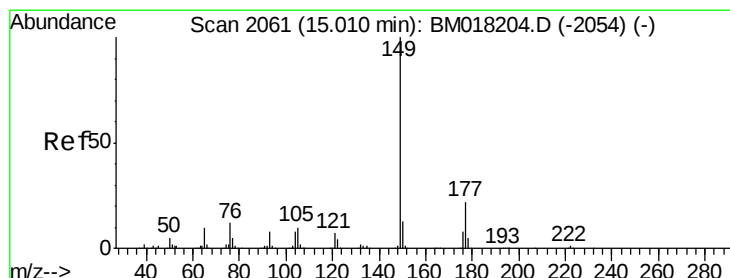
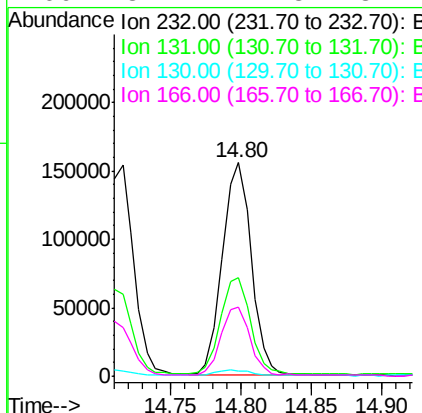
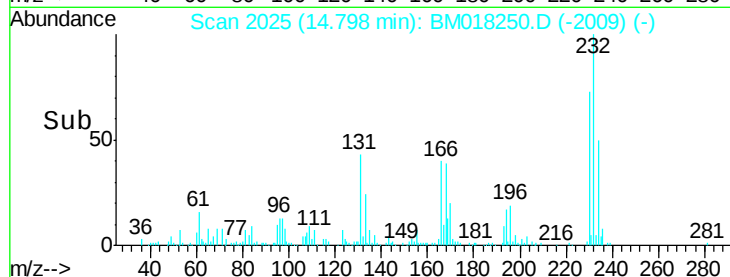
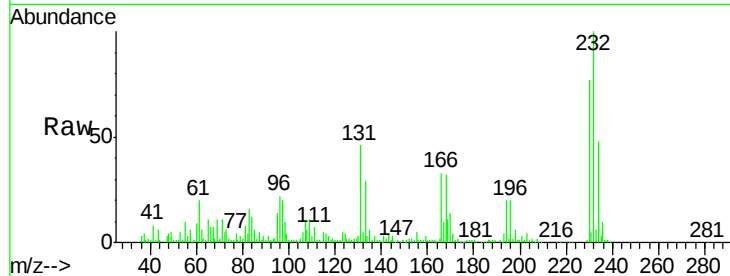
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.313 ng
RT: 14.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	224246		
131	46.0	36.2	54.2	
130	3.2	1.8	2.6	
166	32.2	24.8	37.2	

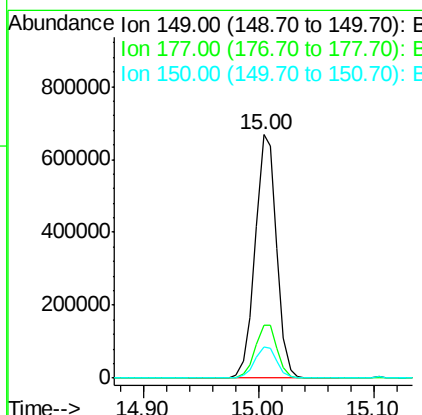
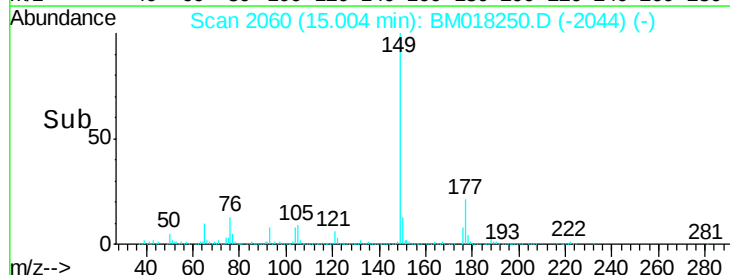
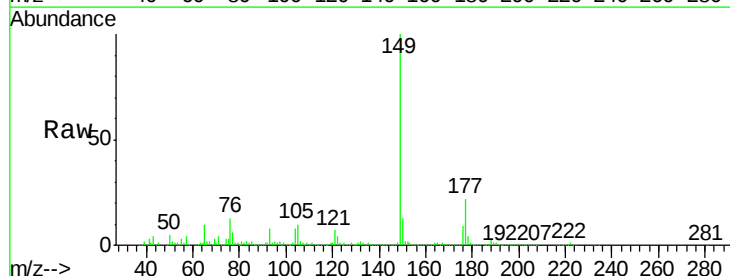
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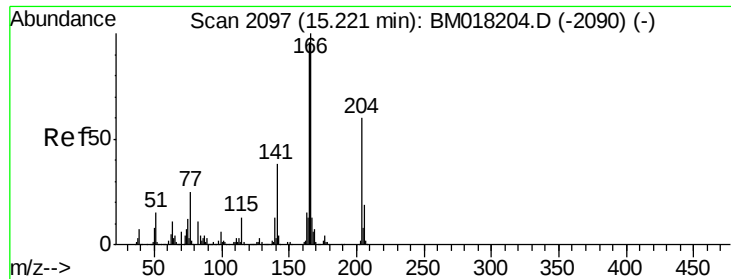
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#60
Diethylphthalate
Concen: 39.008 ng
RT: 15.00 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	856868		
177	21.6	17.8	26.8	
150	12.7	10.3	15.5	





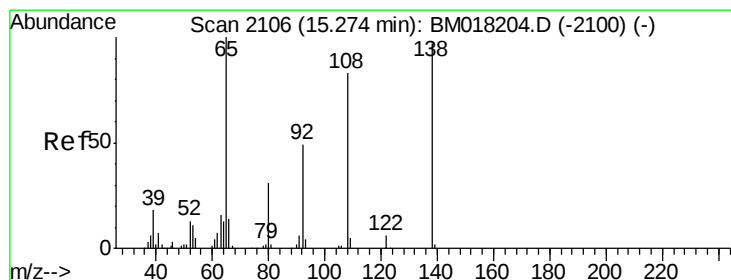
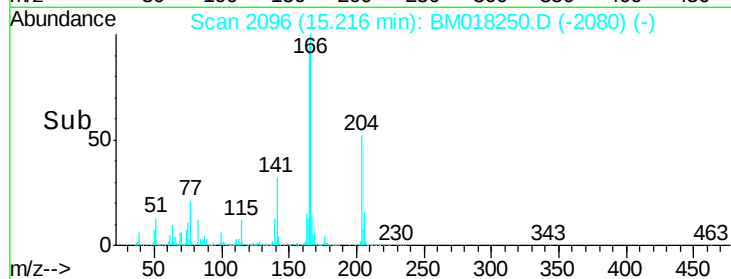
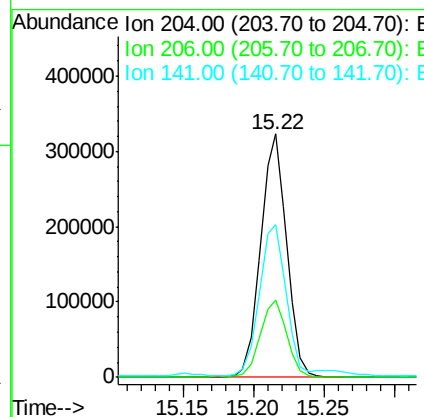
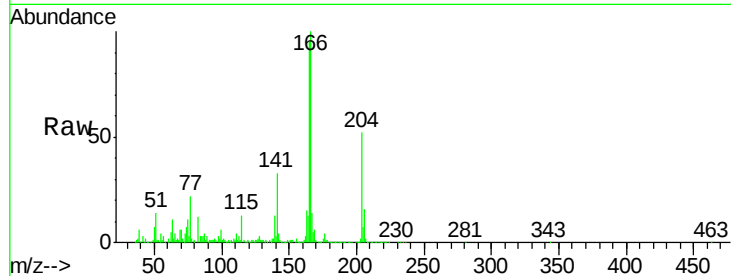
#61
4-Chlorophenyl-phenylether
Concen: 39.970 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	418851		
206	31.6	25.8	38.6	
141	63.0	50.2	75.4	

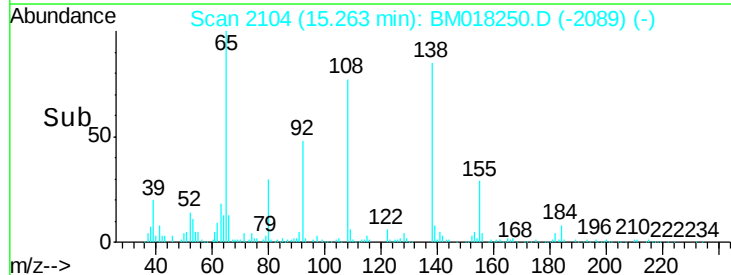
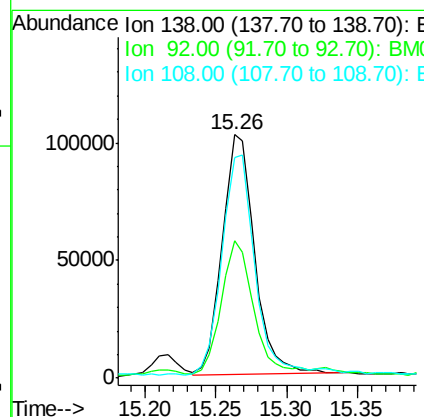
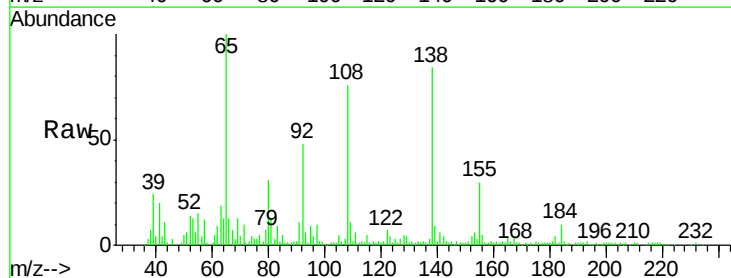
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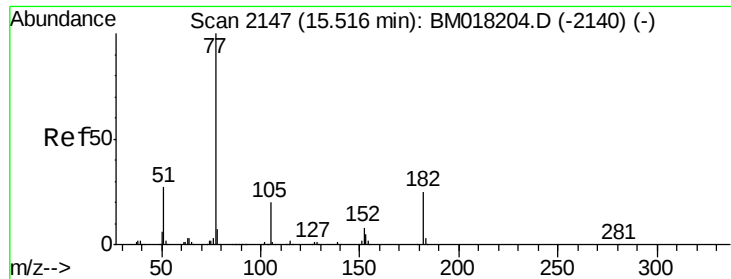
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#62
4-Nitroaniline
Concen: 36.313 ng
RT: 15.26 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	162248		
92	56.6	31.1	71.1	
108	90.7	65.0	105.0	





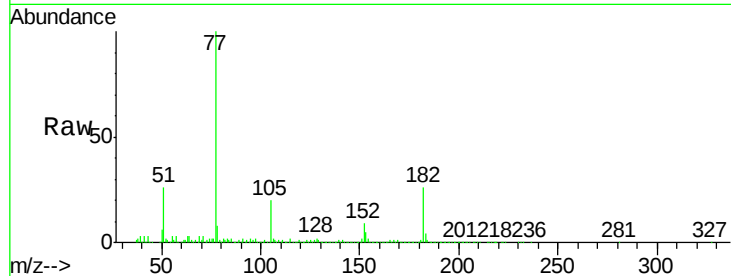
#63
Azobenzene
Concen: 42.771 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	856676		
182	25.7	4.6	44.6	
105	20.3	0.2	40.2	
51	26.1	7.0	47.0	

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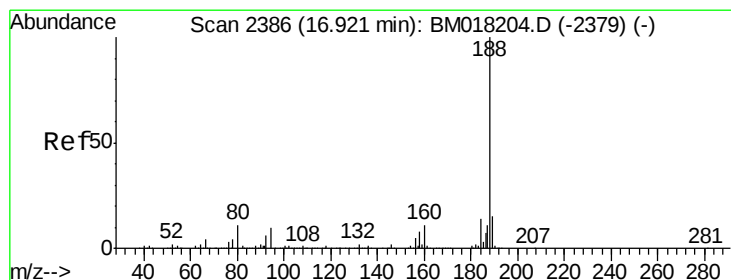
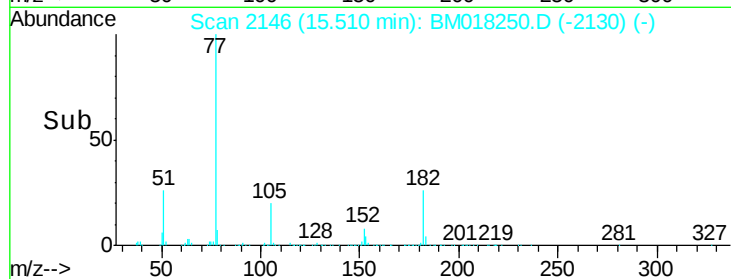
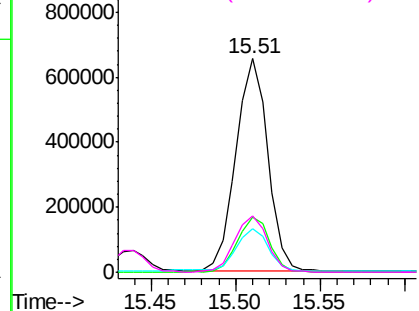


Abundance Ion 77.00 (76.70 to 77.70): BM018250.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): E

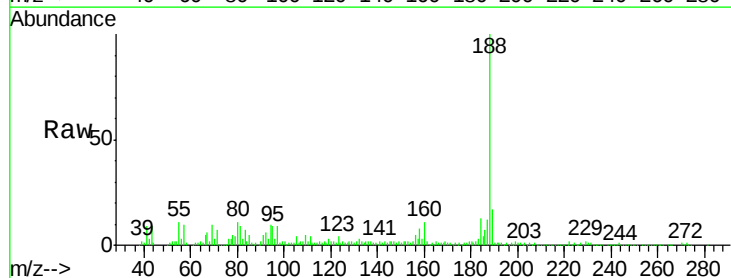
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM018250.D (-2130) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

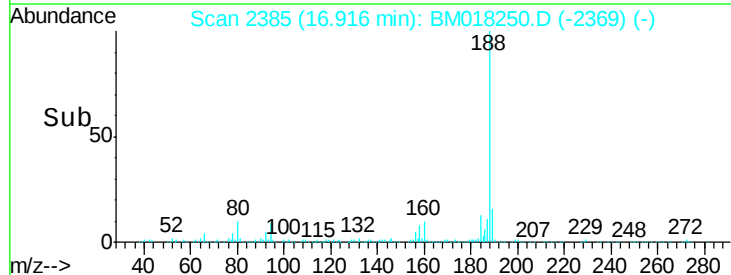
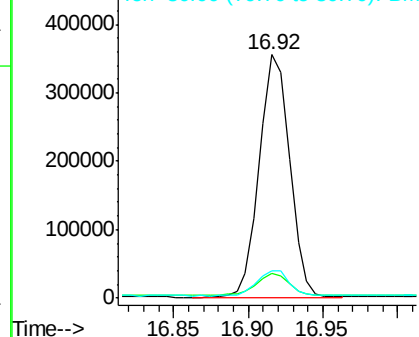
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	501383		
94	10.1	8.0	12.0	
80	11.0	9.0	13.6	

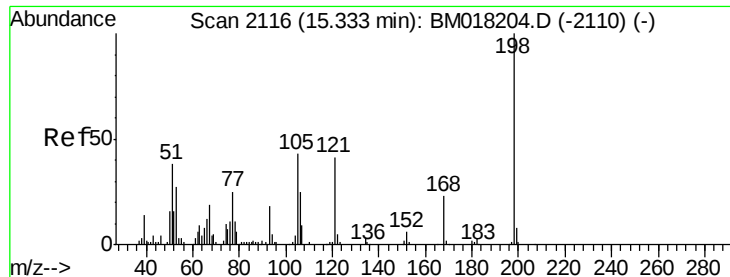


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018250.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM018250.D (-2369) (-)





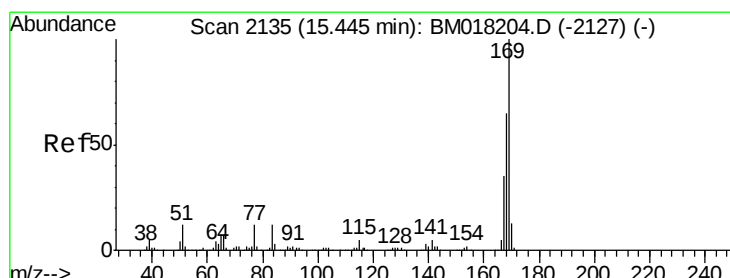
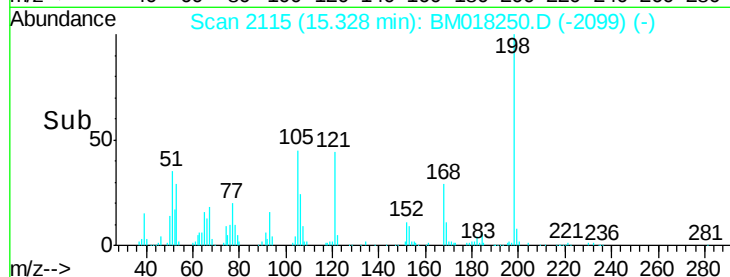
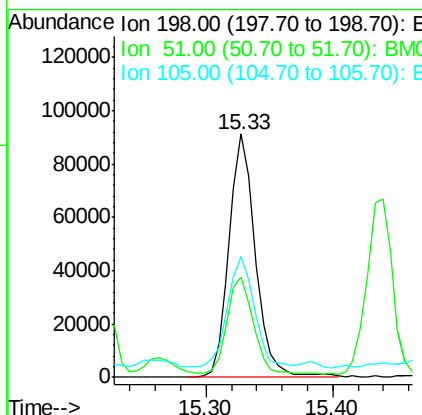
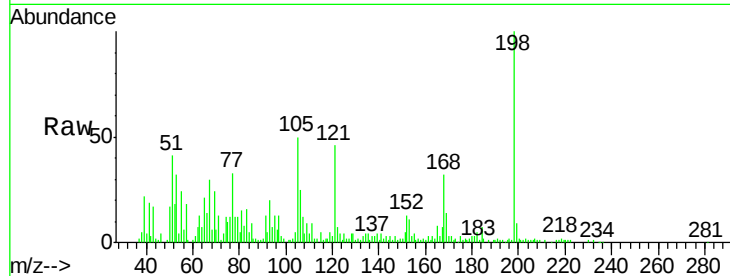
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.512 ng
 RT: 15.33 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	131075		
51	41.2	18.6	58.6	
105	49.8	22.9	62.9	

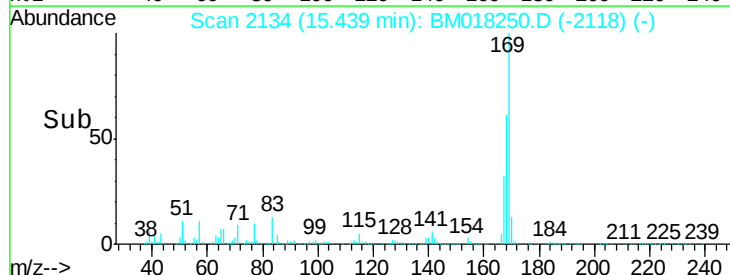
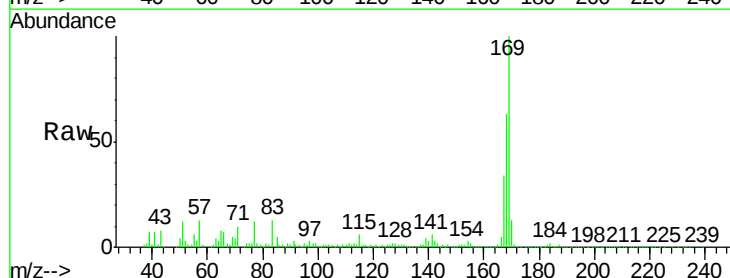
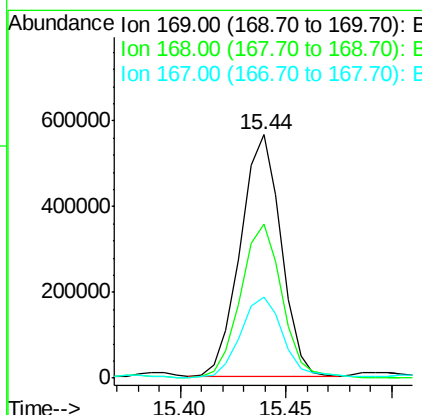
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#66
 n-Nitrosodiphenylamine
 Concen: 45.466 ng
 RT: 15.44 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	753817		
168	63.4	52.2	78.4	
167	33.5	27.6	41.4	





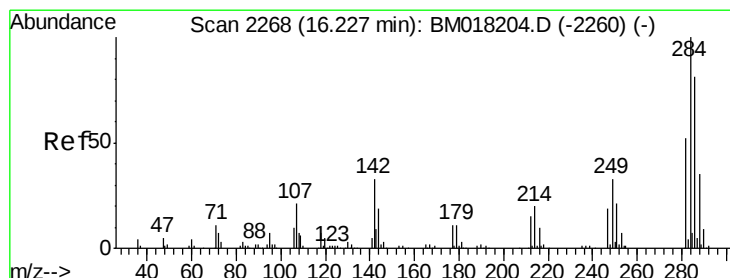
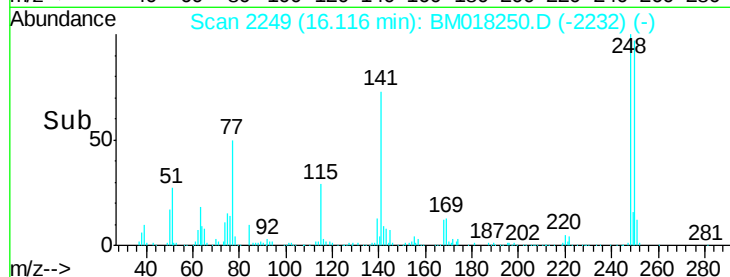
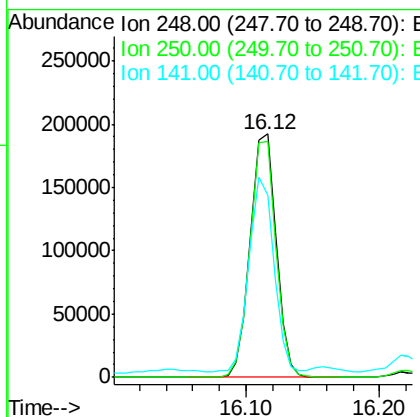
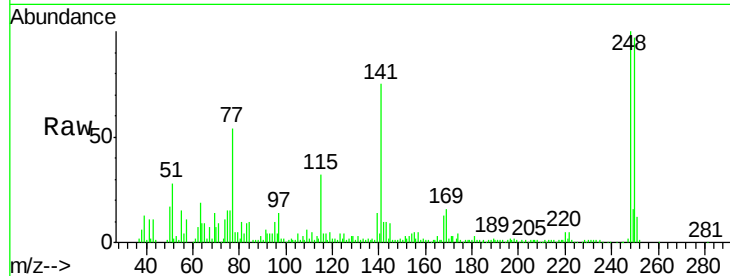
#67
4-Bromophenyl-phenylether
Concen: 42.598 ng
RT: 16.12 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.7	118.1
141	74.8	62.2	93.4

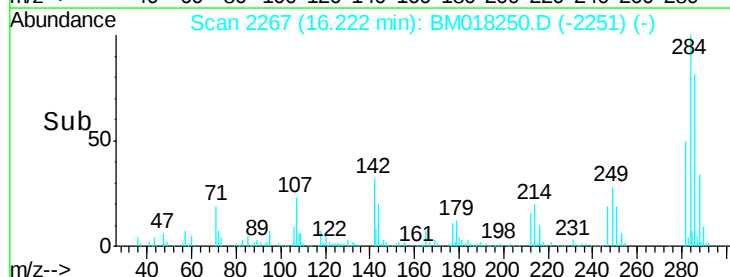
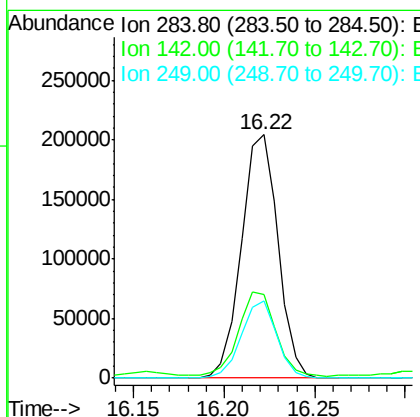
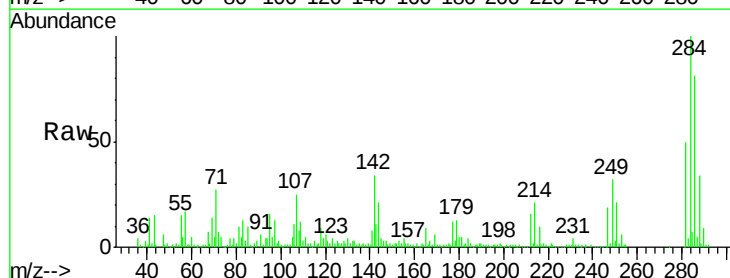
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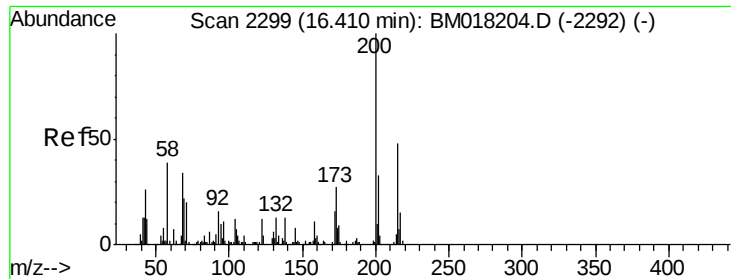
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#68
Hexachlorobenzene
Concen: 42.922 ng
RT: 16.22 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	26.2	39.4
249	31.6	26.2	39.2





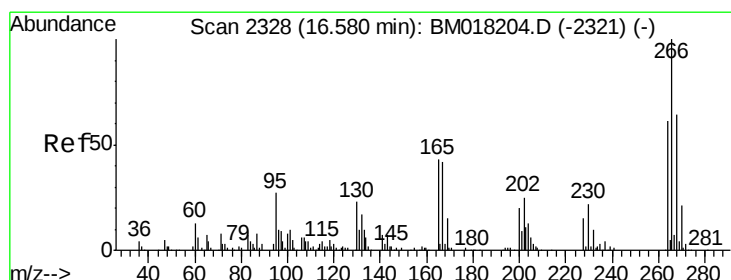
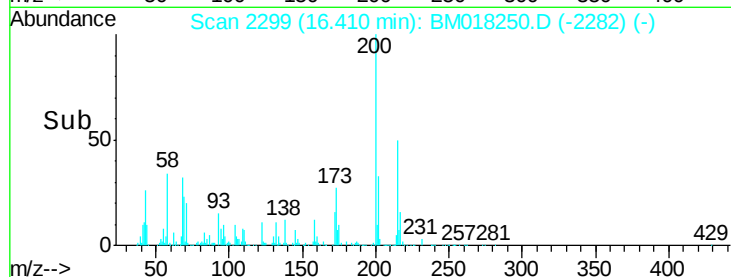
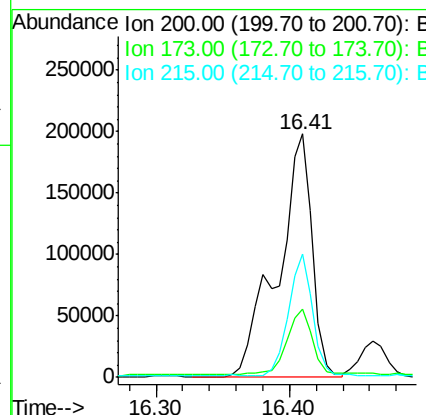
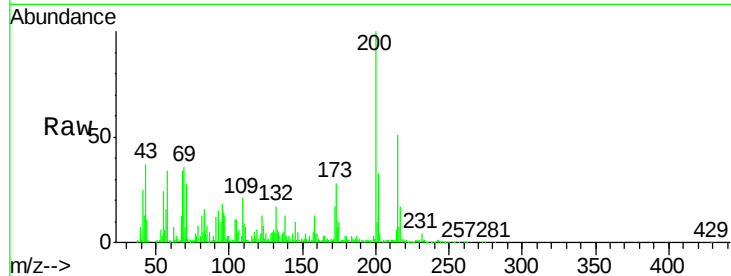
#69
 Atrazine
 Concen: 63.216 ng
 RT: 16.41 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	353840		
173	28.1	6.9	46.9	
215	50.7	27.9	67.9	

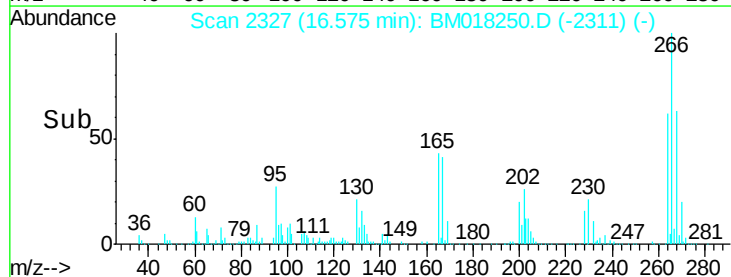
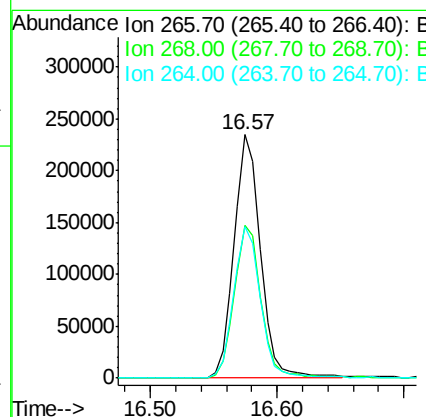
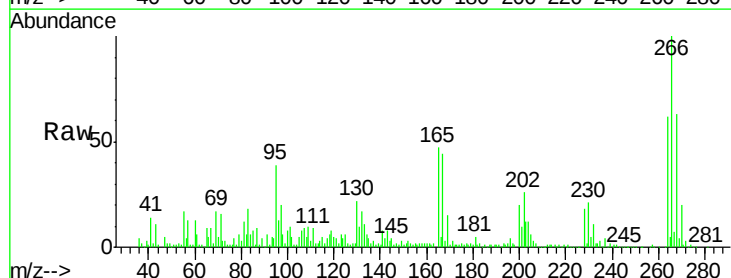
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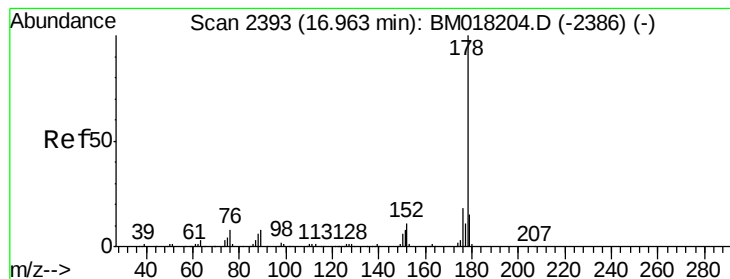
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#70
 Pentachlorophenol
 Concen: 76.983 ng
 RT: 16.57 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	338216		
268	62.7	51.1	76.7	
264	62.1	49.0	73.4	





#71

Phenanthrene

Concen: 49.899 ng

RT: 16.96 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:178 Resp: 1358938

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

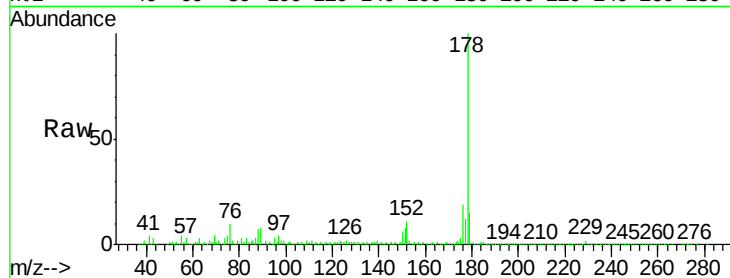
179 15.3 12.0 18.0

Manual Integrations

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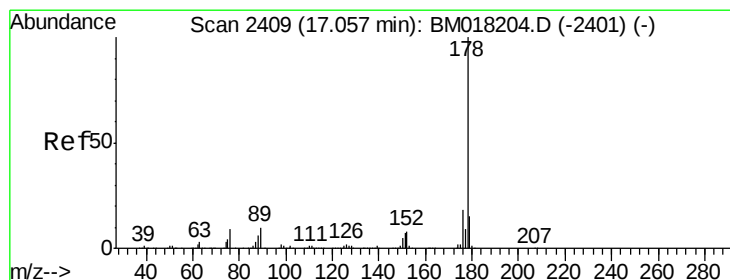
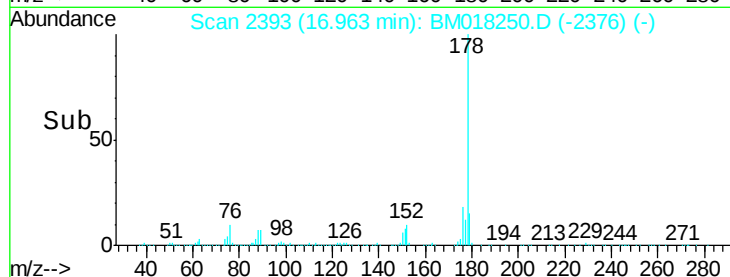
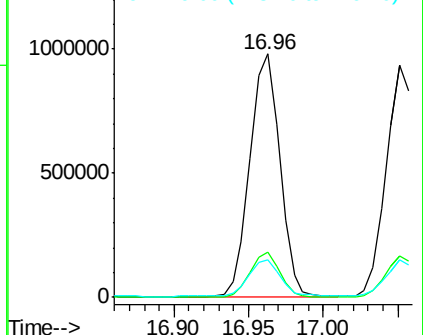
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.803 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

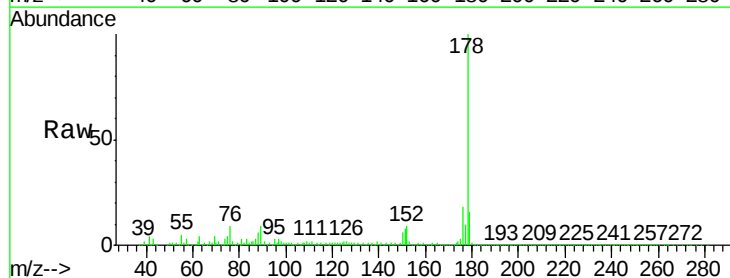
Tgt Ion:178 Resp: 1264535

Ion Ratio Lower Upper

178 100

176 17.8 14.3 21.5

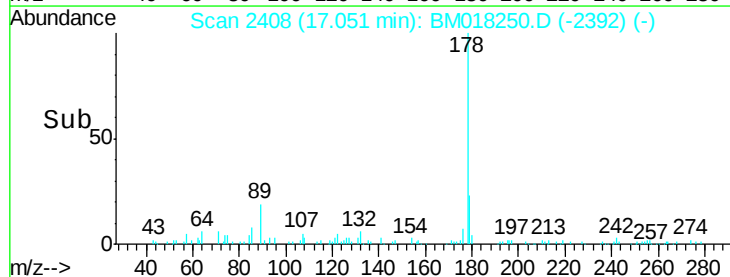
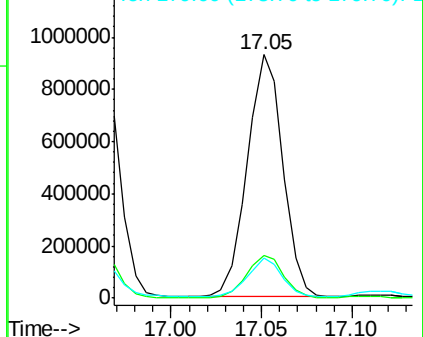
179 16.2 12.0 18.0

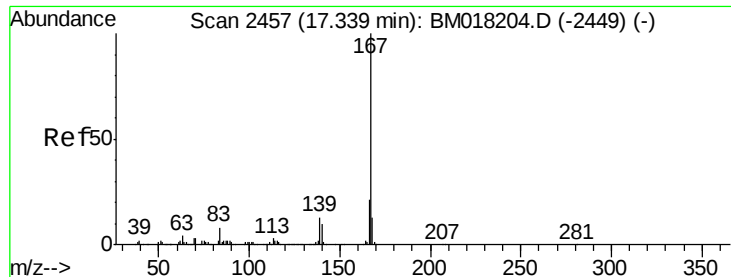


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





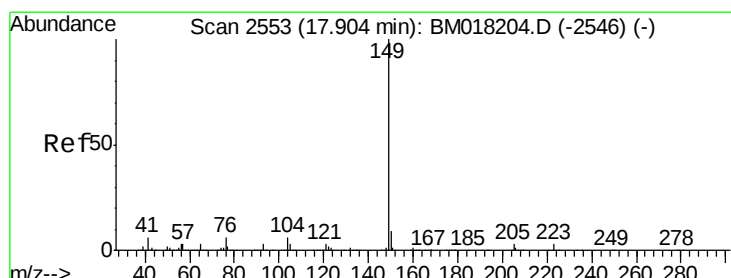
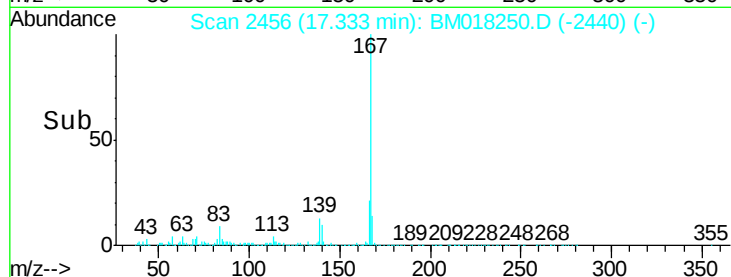
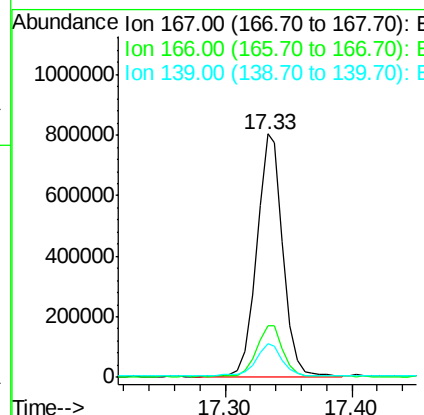
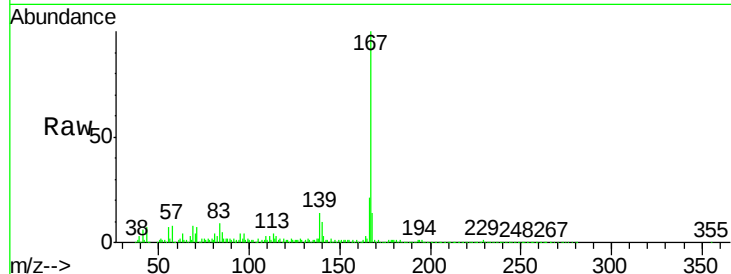
#73
 Carbazole
 Concen: 41.129 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion:167 Resp: 1140559
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.8 25.2
 139 13.8 10.3 15.5

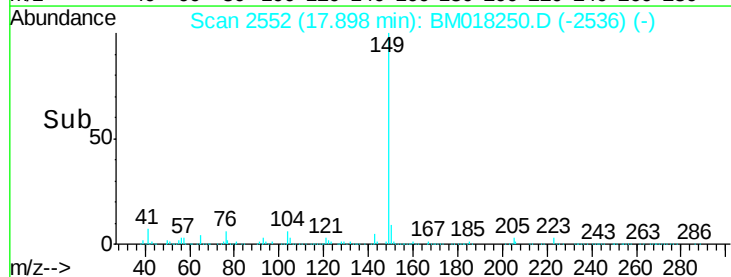
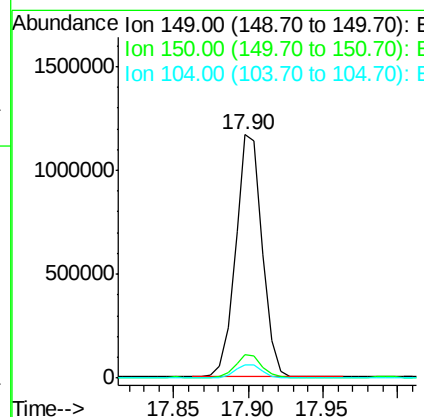
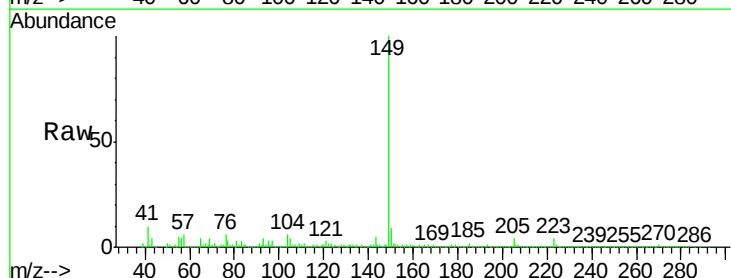
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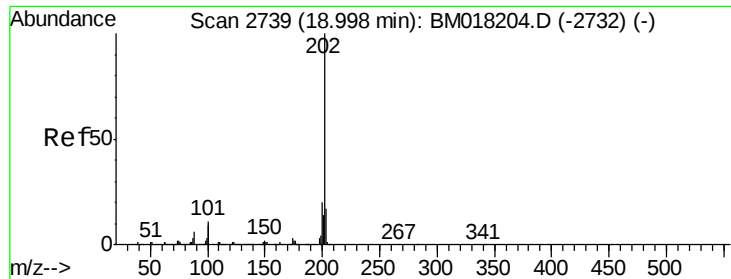
Sohil
 12/18/2018 6:14:57 PM



#74
 Di-n-butylphthalate
 Concen: 42.243 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion:149 Resp: 1445414
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 5.6 4.8 7.2





#75

Fluoranthene

Concen: 45.336 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

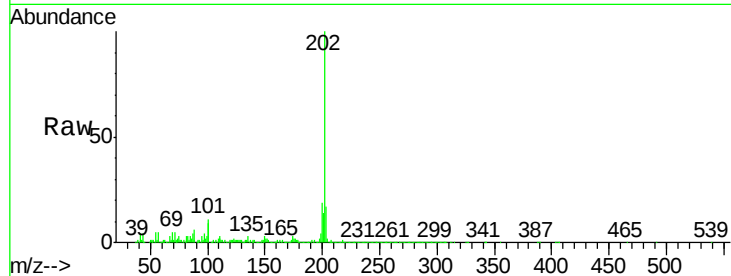
ClientSampleId :

P001-SD012-0612-01MS

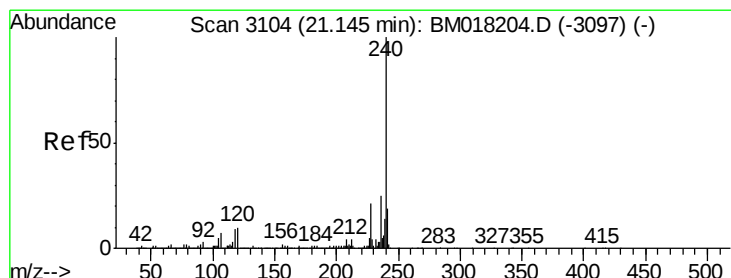
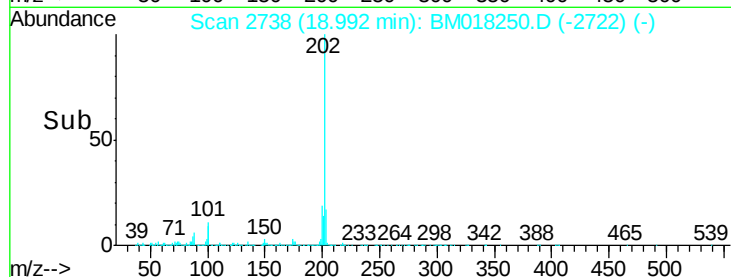
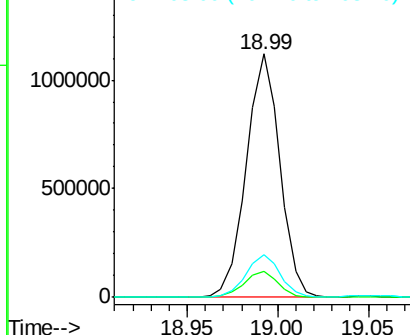
Tgt Ion:	202	Resp:	1435490
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.5
203	17.5	0.0	37.5

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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: 21.14 min Scan# 3104

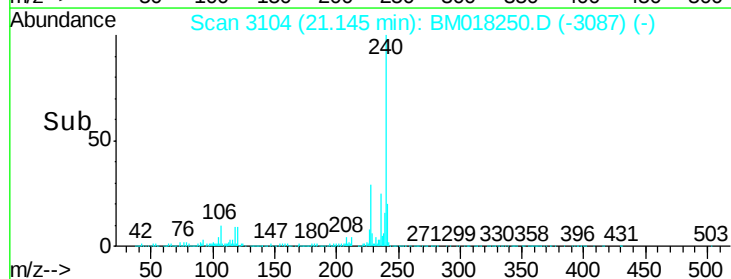
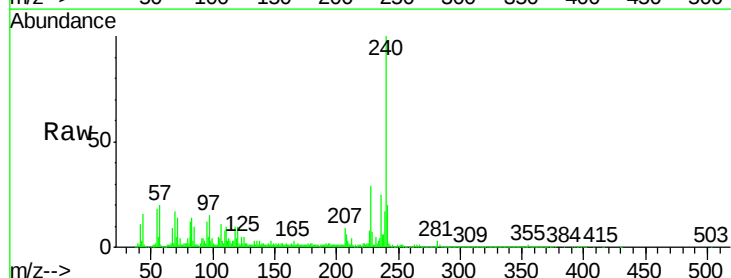
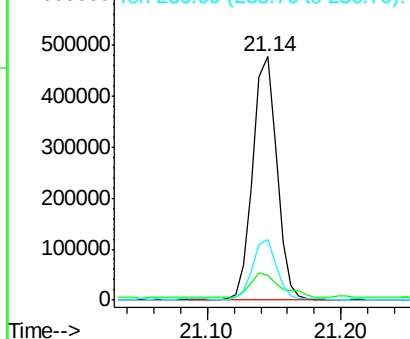
Delta R.T. 0.00 min

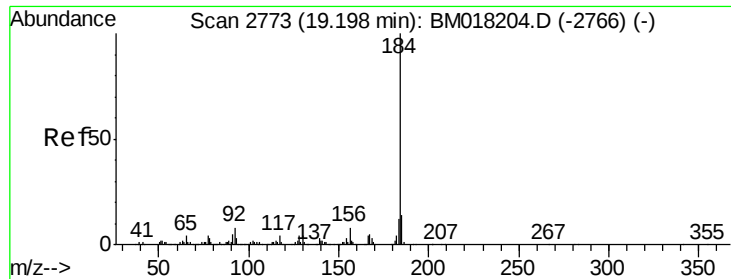
Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:	240	Resp:	591115
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.2	12.2
236	25.1	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: 22.854 ng

RT: 19.20 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

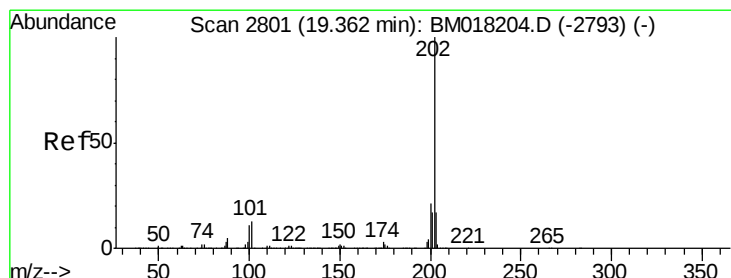
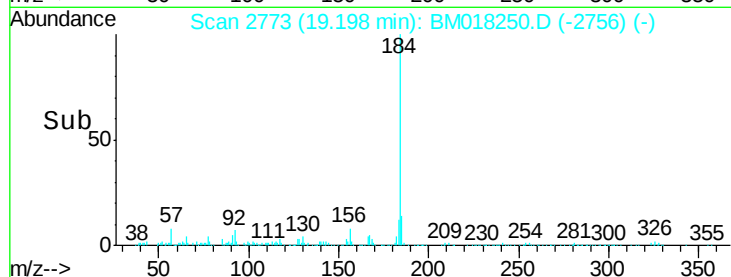
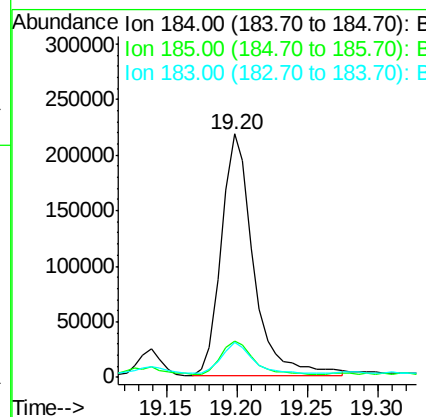
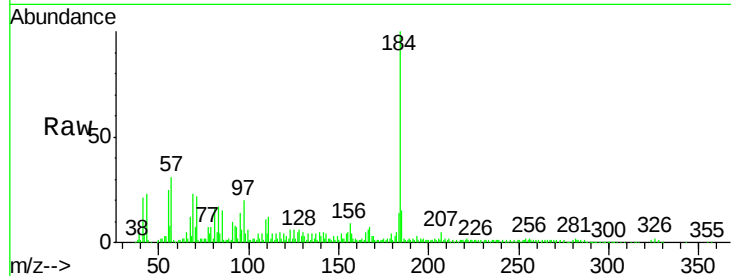
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	184	Resp:	342564
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.4	17.2
183	14.4	9.7	14.5

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#78

Pyrene

Concen: 42.782 ng

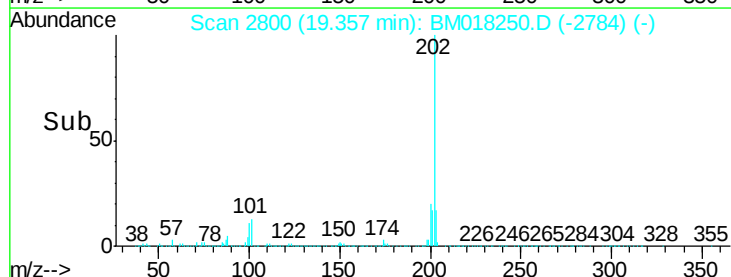
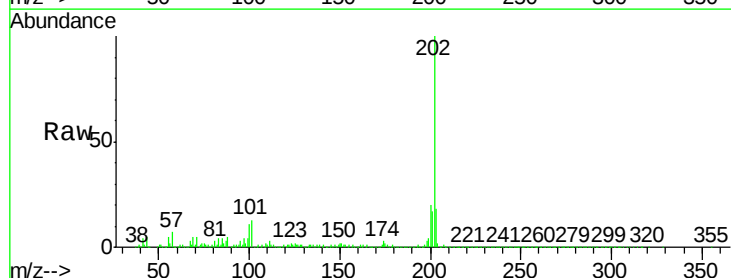
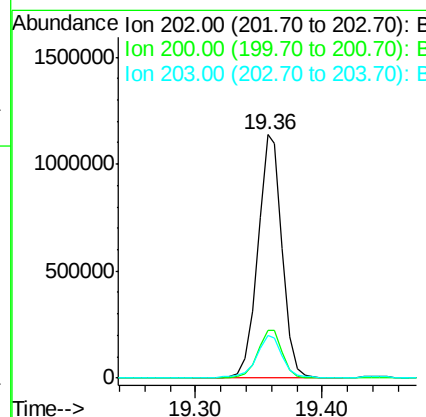
RT: 19.36 min Scan# 2800

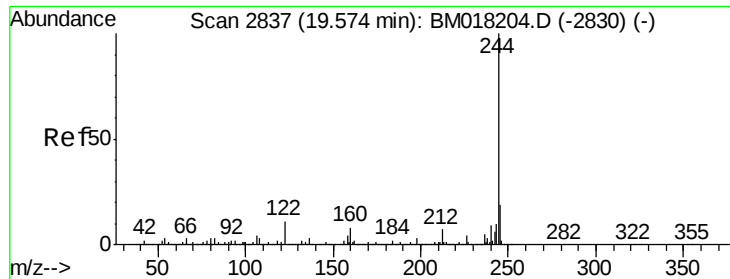
Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:	202	Resp:	1506845
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.5	24.7
203	17.5	14.0	21.0





#79

Terphenyl-d14

Concen: 73.194 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:244 Resp: 1913028

Ion Ratio Lower Upper

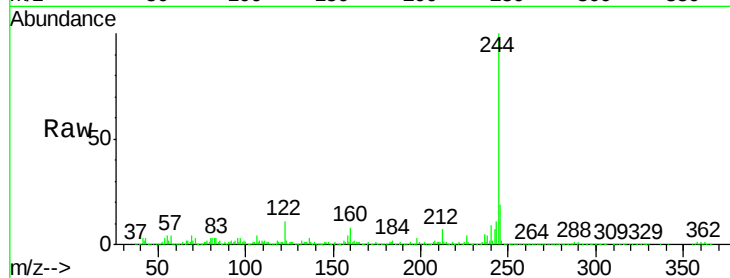
244 100

212 7.0 5.8 8.8

122 10.9 9.0 13.6

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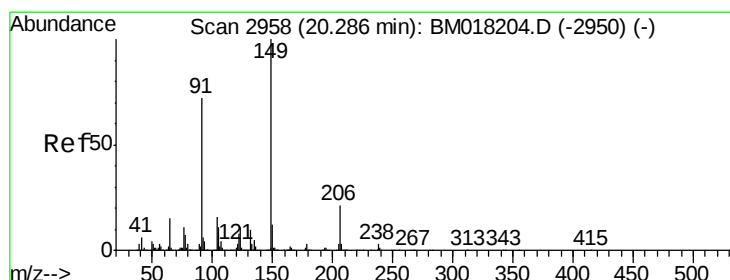
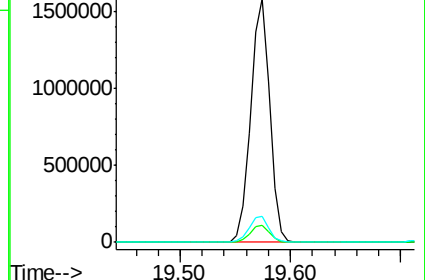
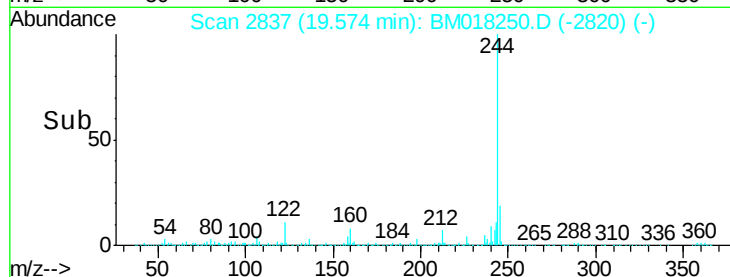
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.260 ng

RT: 20.29 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

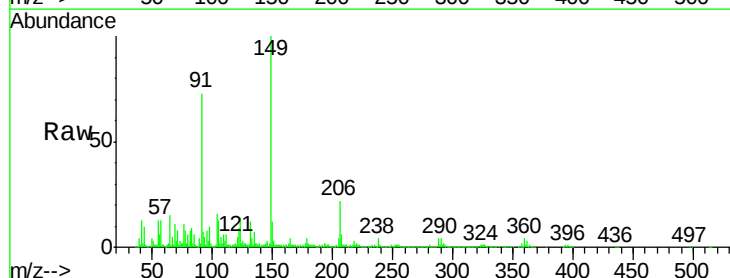
Tgt Ion:149 Resp: 691347

Ion Ratio Lower Upper

149 100

91 72.9 57.4 86.2

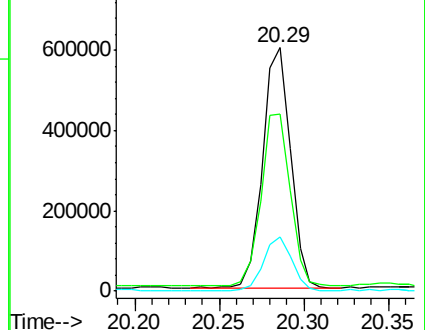
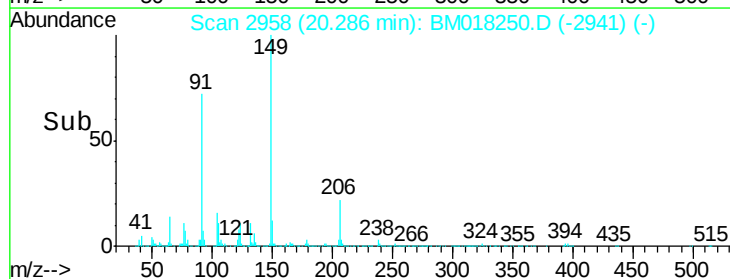
206 22.4 17.0 25.4

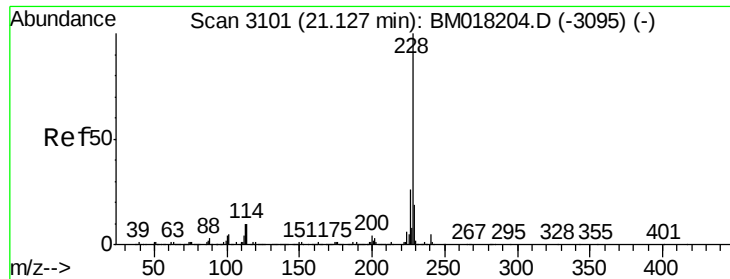


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





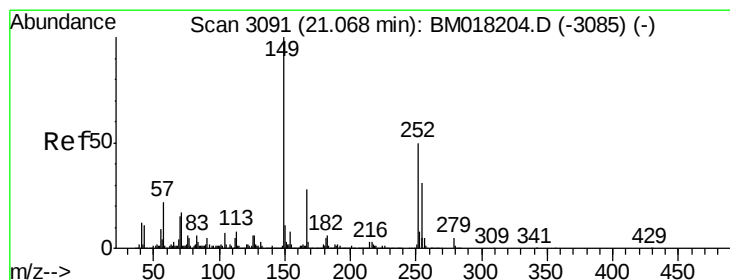
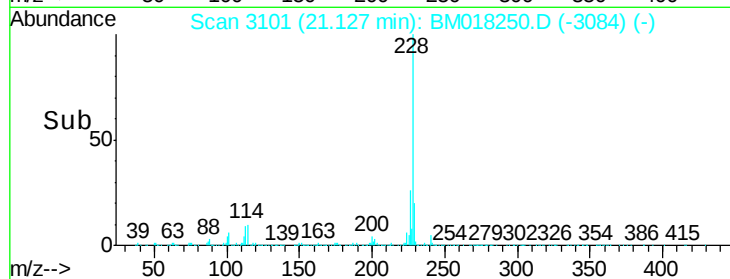
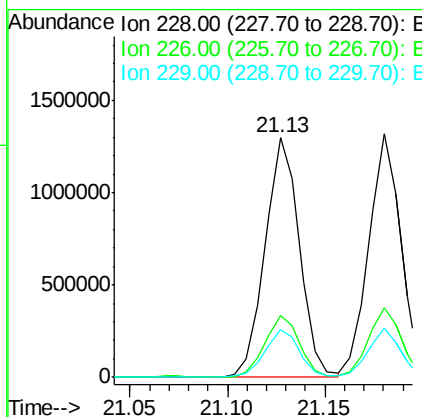
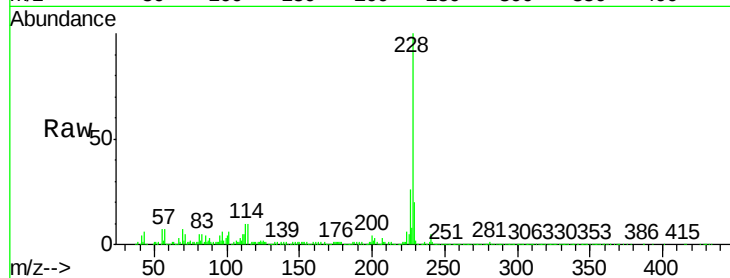
#81
Benzo(a)anthracene
Concen: 45.706 ng
RT: 21.13 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion: 228 Resp: 1578216
Ion Ratio Lower Upper
228 100
226 26.0 21.0 31.4
229 20.2 15.5 23.3

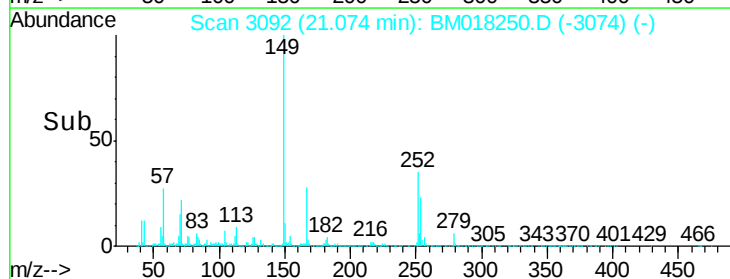
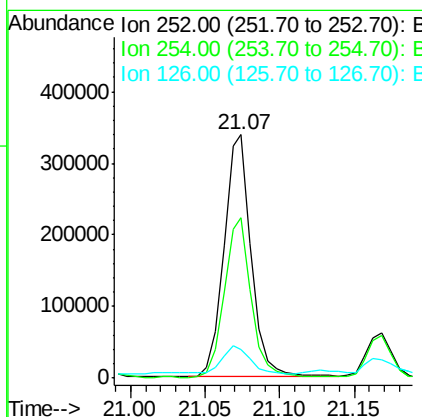
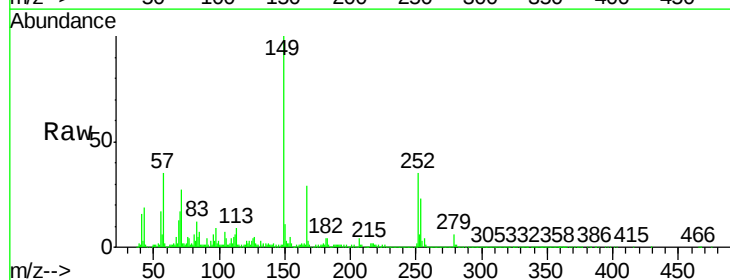
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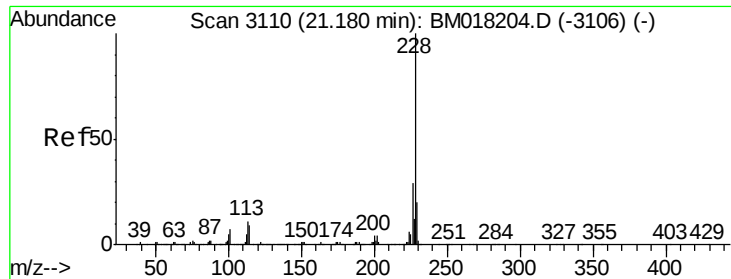
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#82
3,3'-Dichlorobenzidine
Concen: 31.537 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion: 252 Resp: 435048
Ion Ratio Lower Upper
252 100
254 65.9 50.4 75.6
126 12.0 9.4 14.0





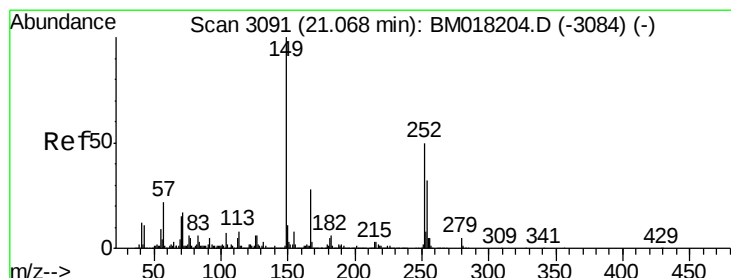
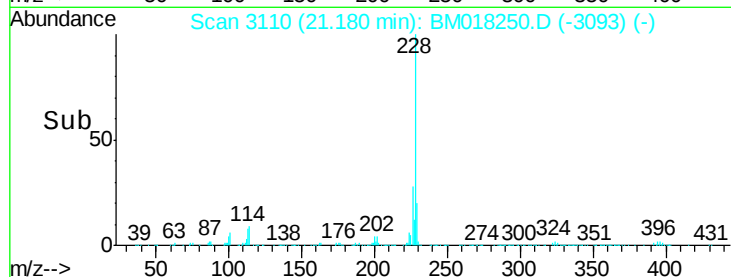
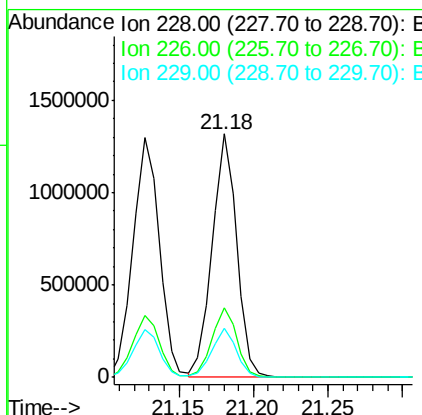
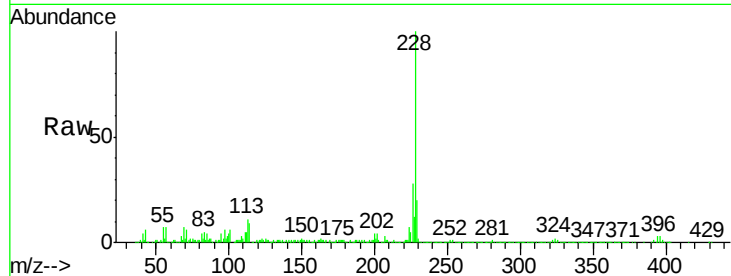
#83
 Chrysene
 Concen: 45.367 ng
 RT: 21.18 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion: 228 Resp: 1506778
 Ion Ratio Lower Upper
 228 100
 226 28.4 23.1 34.7
 229 20.0 15.8 23.6

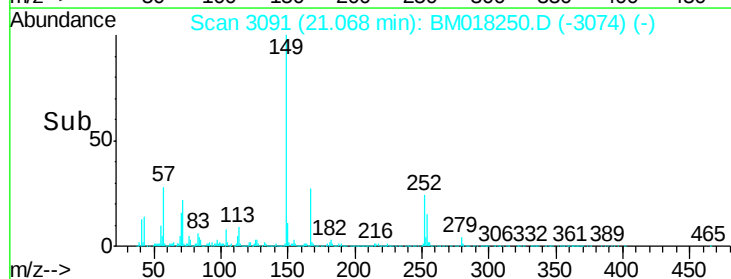
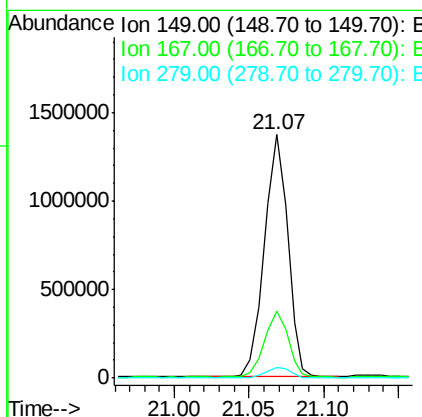
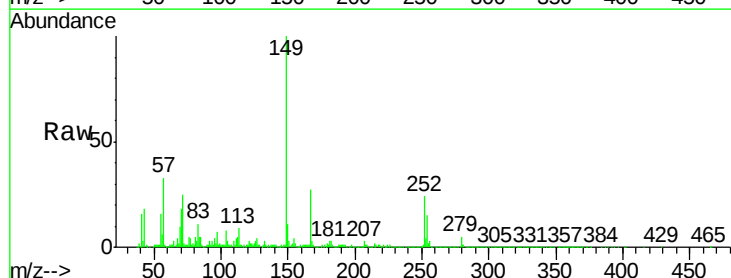
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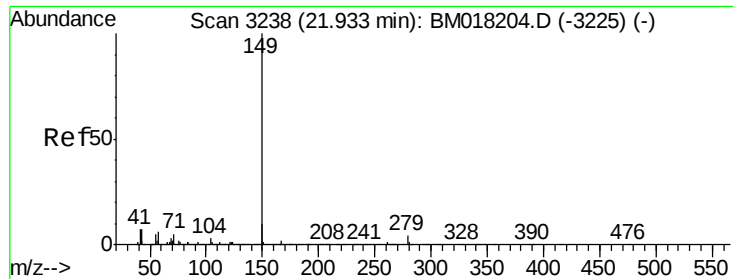
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.868 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. 0.00 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion: 149 Resp: 1470072
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.7 34.1
 279 4.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 46.266 ng

RT: 21.93 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

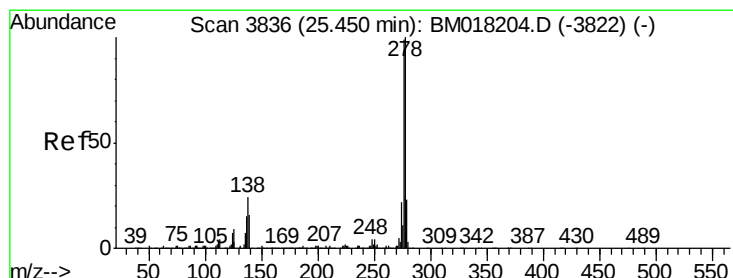
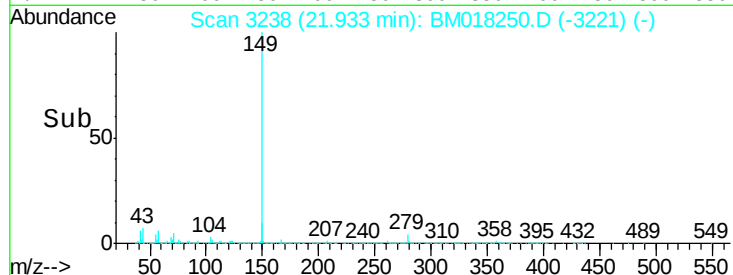
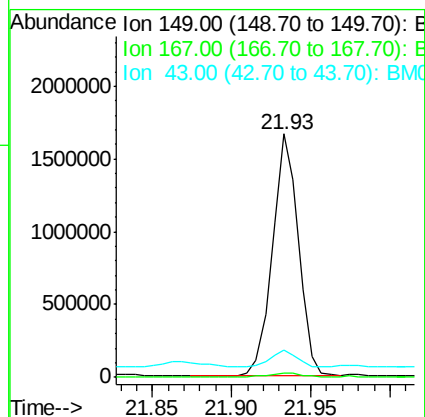
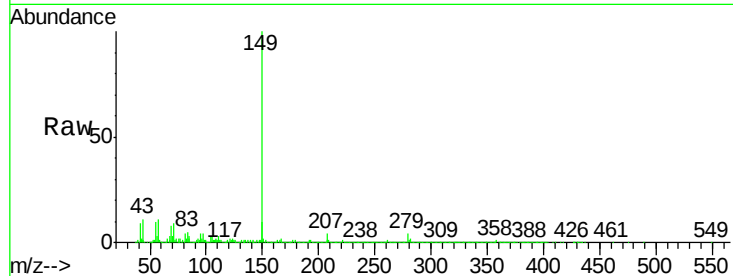
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	149	Resp:	1892212
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	7.2	6.2	9.4

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#86

Indeno(1,2,3-cd)pyrene

Concen: 60.634 ng

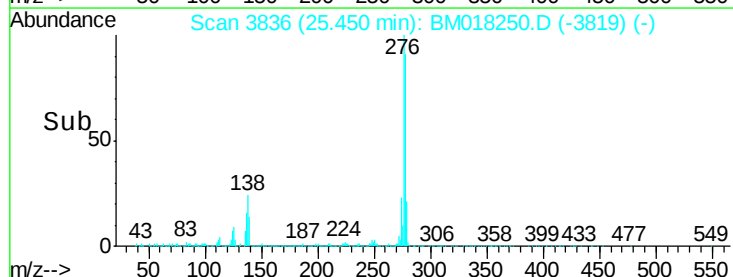
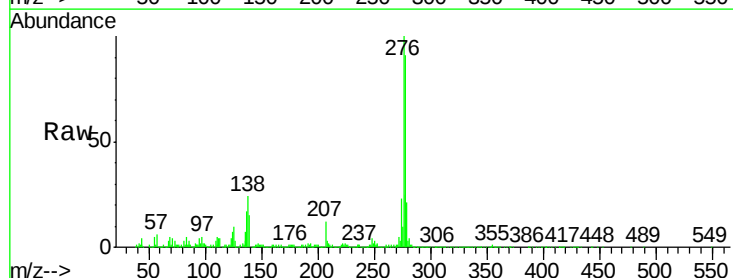
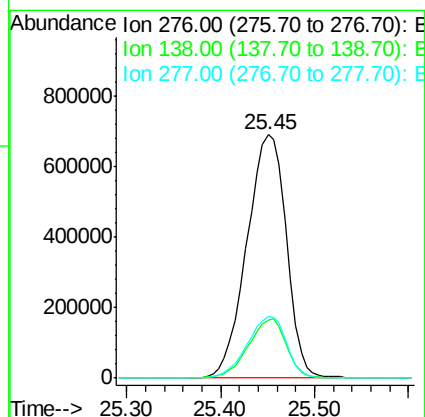
RT: 25.45 min Scan# 3836

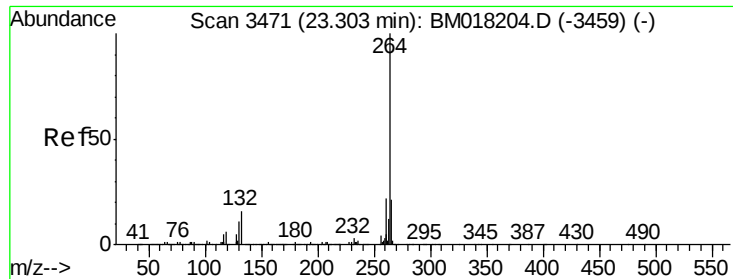
Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:	276	Resp:	2006021
Ion Ratio	Lower	Upper	
276	100		
138	22.7	18.6	28.0
277	24.8	20.3	30.5





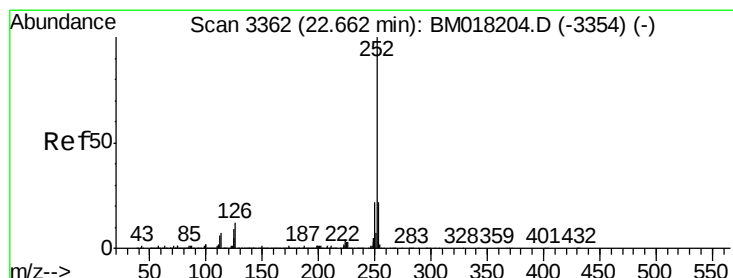
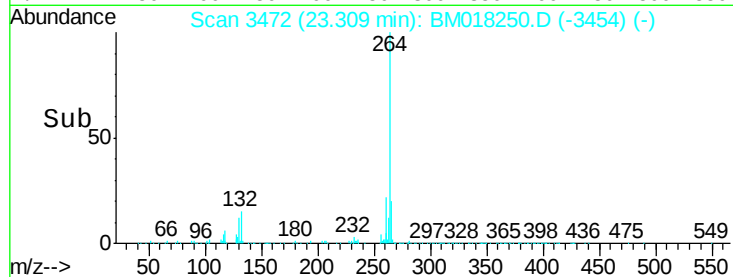
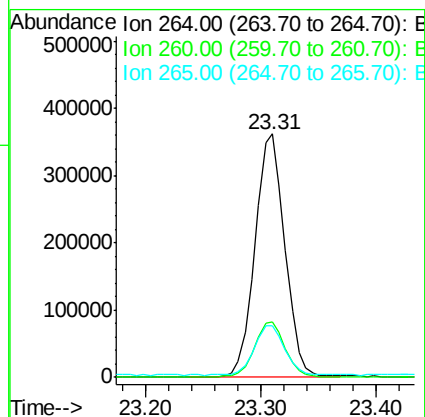
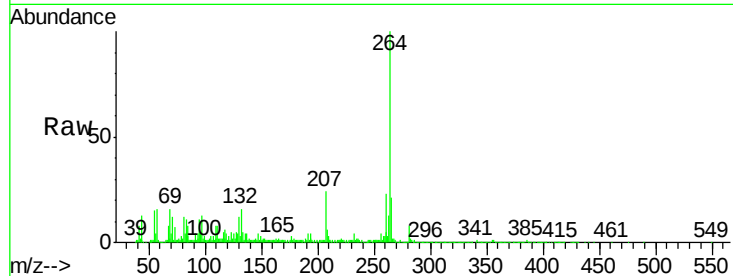
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.5	26.3
265	21.0	17.3	25.9

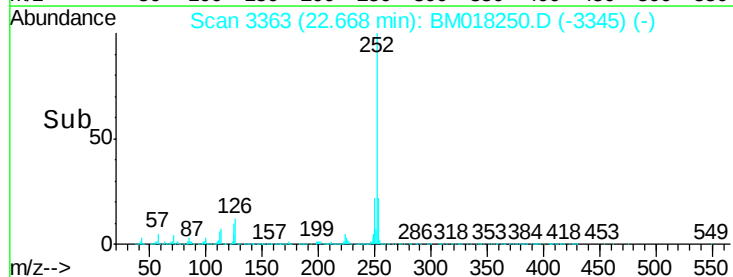
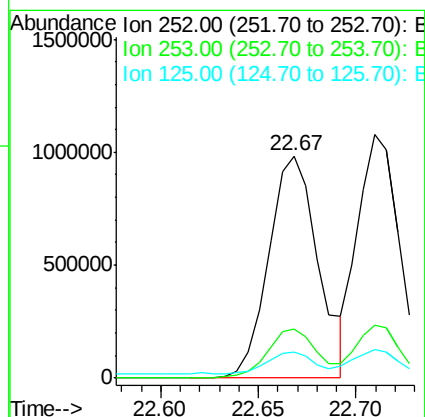
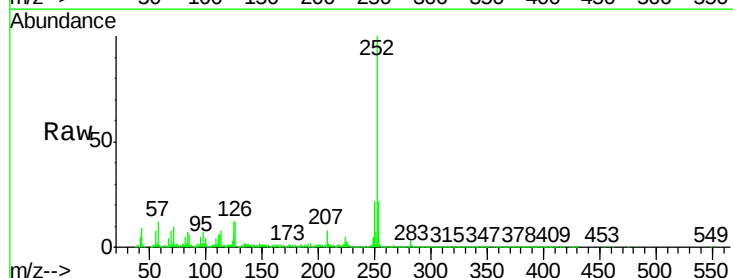
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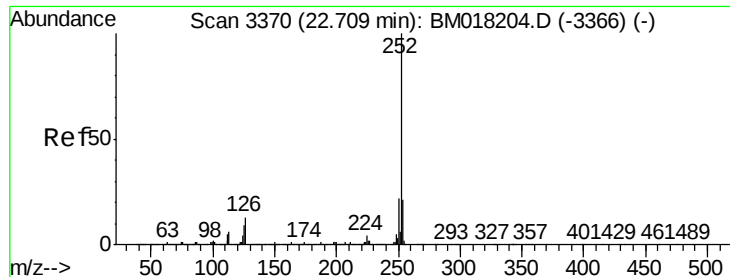
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#88
Benzo(b)fluoranthene
Concen: 47.311 ng
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	11.5	7.4	11.0#





#89

Benzo(k)fluoranthene

Concen: 43.395 ng

RT: 22.71 min Scan# 3370

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

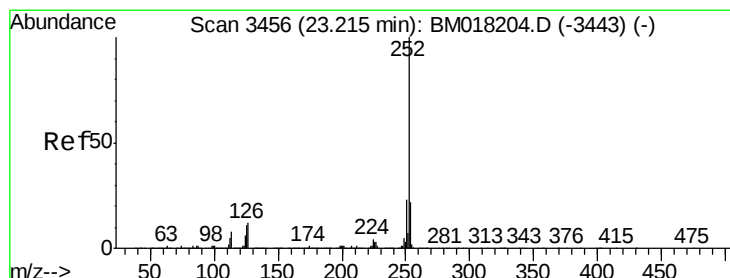
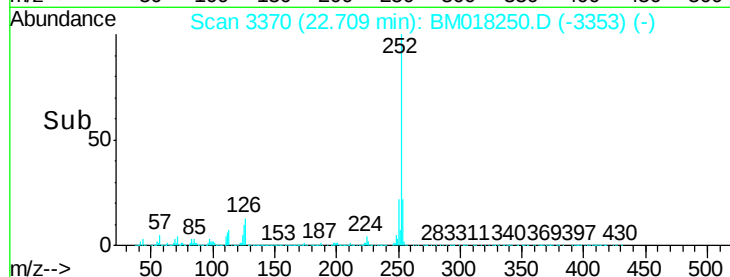
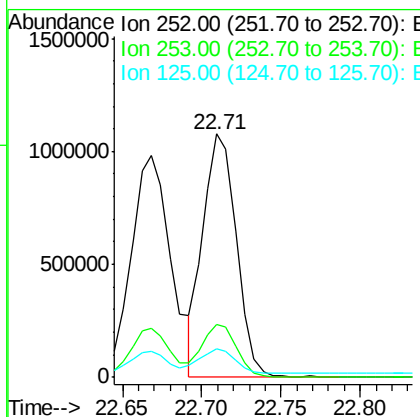
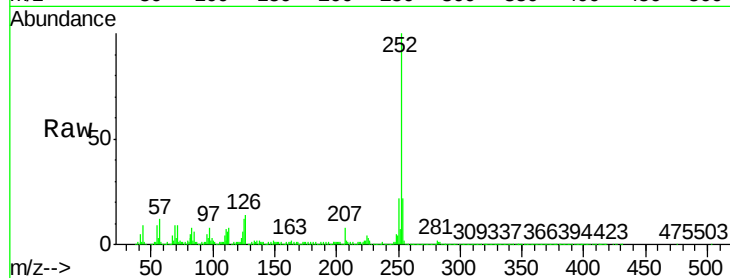
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	252	Resp:	1572514
Ion Ratio	Lower	Upper	
252	100		
253	22.0	16.9	25.3
125	11.6	7.5	11.3

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 46.897 ng

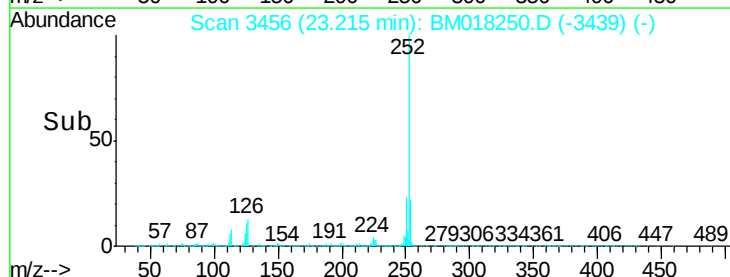
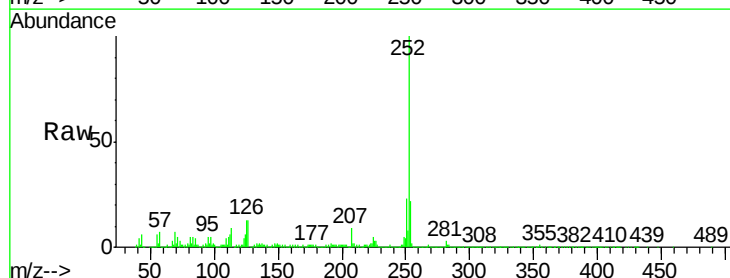
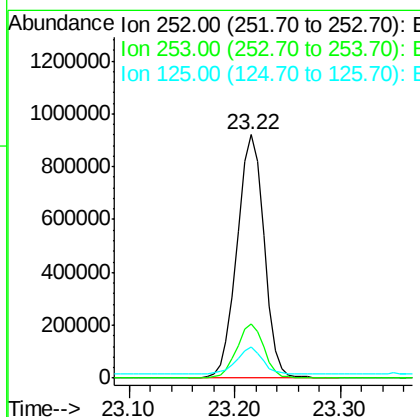
RT: 23.22 min Scan# 3456

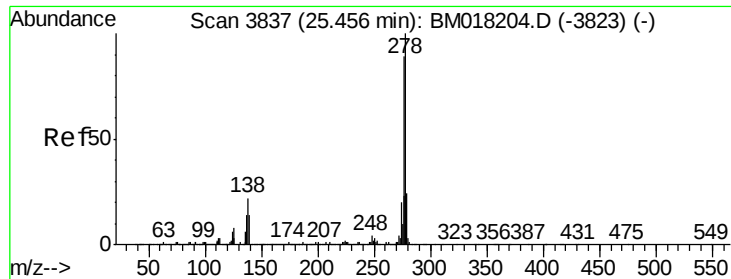
Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:	252	Resp:	1622938
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	12.6	8.6	12.8





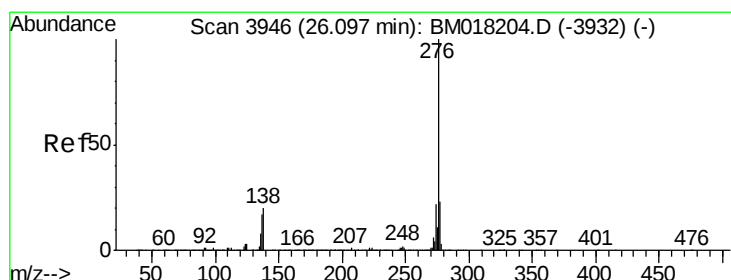
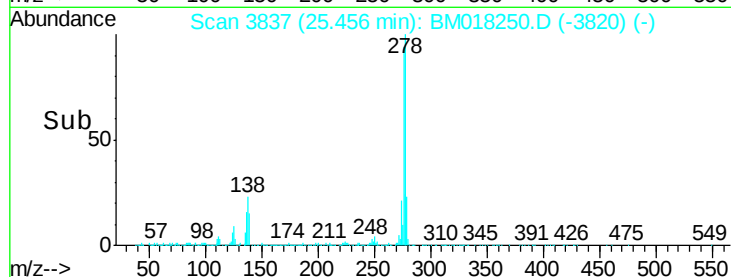
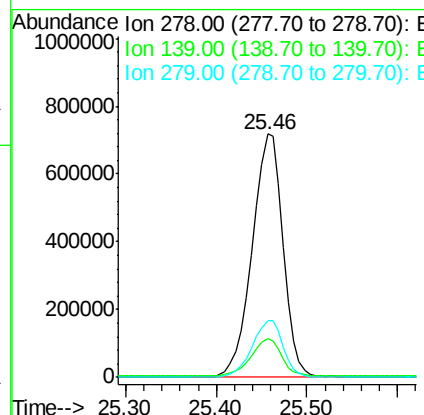
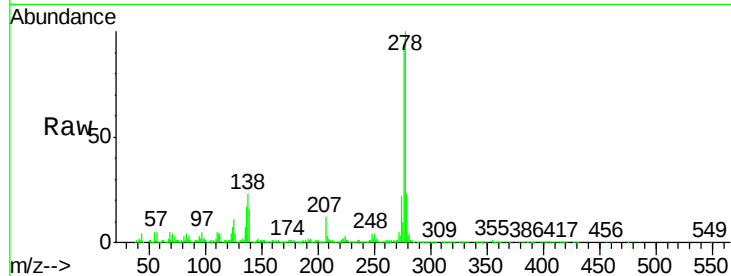
#91
Dibenzo(a,h)anthracene
Concen: 52.949 ng
RT: 25.46 min Scan# 3837
Delta R.T. 0.00 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.6	17.4
279	23.4	19.2	28.8

Manual Integrations
APPROVED

Sohil
12/18/2018 6:14:57 PM



#92
Benzo(g,h,i)perylene
Concen: 54.649 ng
RT: 26.10 min Scan# 3947
Delta R.T. 0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	18.8	15.8	23.8

