

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019958.D
 Acq On : 18 Apr 2019 17:53
 Operator : JU/SJ
 Sample : PB119018BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119018BS

Manual Integrations
 APPROVED

Sohil
 4/22/2019 2:53:12 AM

Quant Time: Apr 19 01:04:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	93599	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	379382	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	209520	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	465092	20.00	ng	0.00
76) Chrysene-d12	21.16	240	525073	20.00	ng	0.00
87) Perylene-d12	23.35	264	498089	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	826571	143.12	ng	0.00
7) Phenol-d6	6.71	99	1102259	126.81	ng	0.00
23) Nitrobenzene-d5	8.69	82	637508	75.15	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	434400	128.80	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1257199	74.78	ng	0.00
79) Terphenyl-d14	19.59	244	2033883	68.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	145370	58.328	ng	99
3) Pyridine	3.50	79	236329	33.859	ng	97
4) n-Nitrosodimethylamine	3.42	42	95701	42.563	ng	# 93
6) Aniline	6.86	93	321145	28.606	ng	100
8) 2-Chlorophenol	7.08	128	292481	40.717	ng	99
9) Benzaldehyde	6.69	77	85278	14.010	ng	99
10) Phenol	6.73	94	388135	40.871	ng	93
11) bis(2-Chloroethyl)ether	6.96	93	263706	37.953	ng	99
12) 1,3-Dichlorobenzene	7.39	146	293599	38.933	ng	97
13) 1,4-Dichlorobenzene	7.55	146	303816	39.708	ng	99
14) 1,2-Dichlorobenzene	7.85	146	294626	38.836	ng	99
15) Benzyl Alcohol	7.77	79	290015	36.702	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.04	45	243607	36.779	ng	97
17) 2-Methylphenol	7.97	107	245645	39.083	ng	96
18) Hexachloroethane	8.56	117	115574	38.860	ng	97
19) n-Nitroso-di-n-propylamine	8.32	70	256338	33.550	ng	98
20) 3+4-Methylphenols	8.30	107	325153	37.660	ng	98
22) Acetophenone	8.35	105	434809	42.079	ng	# 98
24) Nitrobenzene	8.73	77	364250	41.449	ng	98
25) Isophorone	9.24	82	638795	38.683	ng	100
26) 2-Nitrophenol	9.43	139	149283	39.862	ng	96
27) 2,4-Dimethylphenol	9.49	122	255902	48.328	ng	99
28) bis(2-Chloroethoxy)methane	9.72	93	358741	38.795	ng	99
29) 2,4-Dichlorophenol	9.96	162	255762	42.529	ng	98
30) 1,2,4-Trichlorobenzene	10.15	180	274519	42.412	ng	99
31) Naphthalene	10.33	128	845143	41.532	ng	99
32) Benzoic acid	9.68	122	172319	35.968	ng	96
33) 4-Chloroaniline	10.49	127	205691	24.537	ng	98
34) Hexachlorobutadiene	10.59	225	157257	41.194	ng	99
35) Caprolactam	11.32	113	80668m	35.437	ng	
36) 4-Chloro-3-methylphenol	11.62	107	291426	39.000	ng	100
37) 2-Methylnaphthalene	11.96	142	605913	40.899	ng	99
38) 1-Methylnaphthalene	12.19	142	575647	39.353	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	279568	43.253	ng	100

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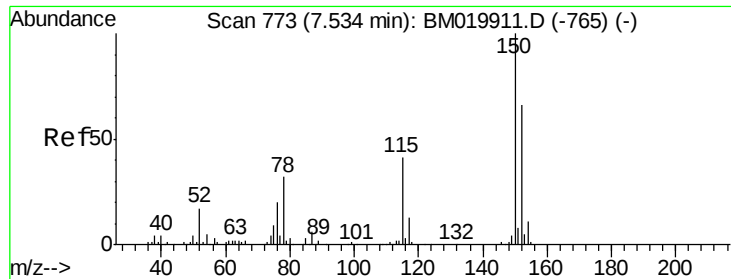
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	186613	81.323	nq	97
43) 2,4,6-Trichlorophenol	12.60	196	197200	45.001	nq	99
44) 2,4,5-Trichlorophenol	12.69	196	203477	44.614	nq	98
46) 1,1'-Biphenyl	13.00	154	770945	42.483	nq	99
47) 2-Chloronaphthalene	13.05	162	597850	43.190	nq	99
48) 2-Nitroaniline	13.29	65	212231	42.536	nq	99
49) Acenaphthylene	13.90	152	974440	40.460	nq	100
50) Dimethylphthalate	13.65	163	766012	41.449	nq	99
51) 2,6-Dinitrotoluene	13.79	165	165944	40.606	nq	91
52) Acenaphthene	14.25	154	557838	41.774	nq	99
53) 3-Nitroaniline	14.14	138	116336	28.509	nq	91
54) 2,4-Dinitrophenol	14.36	184	182460	75.256	nq	96
55) Dibenzofuran	14.59	168	907278	41.548	nq	99
56) 4-Nitrophenol	14.47	139	236213	73.847	nq	95
57) 2,4-Dinitrotoluene	14.60	165	237832	40.486	nq	99
58) Fluorene	15.24	166	744520	40.237	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	181497	43.613	nq	99
60) Diethylphthalate	15.02	149	801212	41.684	nq	99
61) 4-Chlorophenyl-phenylether	15.23	204	359998	40.409	nq	94
62) 4-Nitroaniline	15.32	138	150009	37.311	nq	98
63) Azobenzene	15.53	77	866355	42.172	nq	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	112531	37.922	nq	94
66) n-Nitrosodiphenylamine	15.46	169	631216	41.514	nq	100
67) 4-Bromophenyl-phenylether	16.13	248	212122	39.670	nq	99
68) Hexachlorobenzene	16.24	284	259997	40.523	nq	99
69) Atrazine	16.43	200	216881	42.017	nq	98
70) Pentachlorophenol	16.60	266	279461	85.247	nq	98
71) Phenanthrene	16.99	178	1123770	40.716	nq	99
72) Anthracene	17.08	178	1148958	41.820	nq	100
73) Carbazole	17.37	167	1048928	40.893	nq	100
74) Di-n-butylphthalate	17.92	149	1375272	40.825	nq	100
75) Fluoranthene	19.02	202	1308272	41.189	nq	99
77) Benzidine	19.23	184	438421	30.262	nq	98
78) Pyrene	19.39	202	1342618	38.612	nq	100
80) Butylbenzylphthalate	20.29	149	661154	39.219	nq	100
81) Benzo(a)anthracene	21.14	228	1307872	39.320	nq	99
82) 3,3'-Dichlorobenzidine	21.09	252	417663	33.750	nq	98
83) Chrysene	21.20	228	1281391	40.171	nq	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	982232	39.137	nq	100
85) Di-n-octyl phthalate	21.93	149	1709957	41.990	nq	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	1827224	58.230	nq	100
88) Benzo(b)fluoranthene	22.69	252	1464715	44.286	nq	99
89) Benzo(k)fluoranthene	22.74	252	1418158	45.546	nq	99
90) Benzo(a)pyrene	23.26	252	1398772	47.731	nq	99
91) Dibenzo(a,h)anthracene	25.55	278	1559606	55.199	nq	99
92) Benzo(g,h,i)perylene	26.22	276	1486072	58.070	nq	100

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



#1

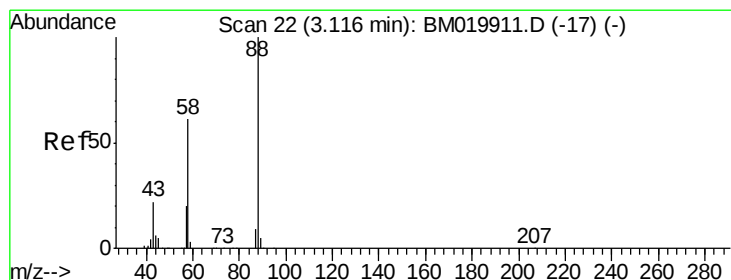
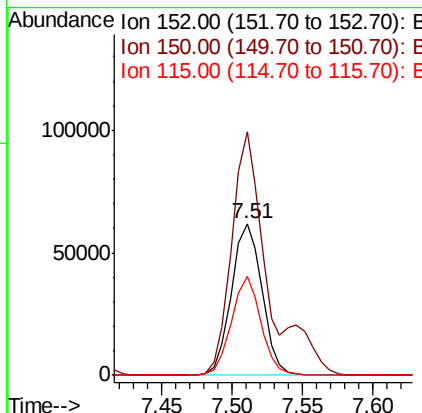
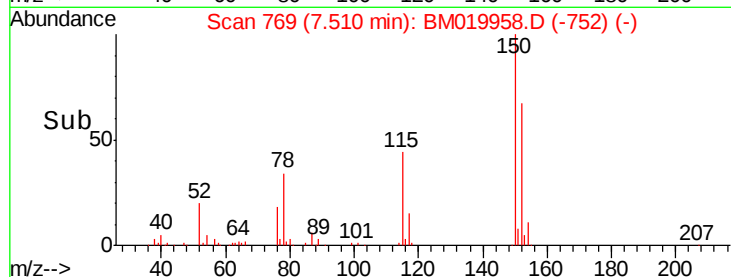
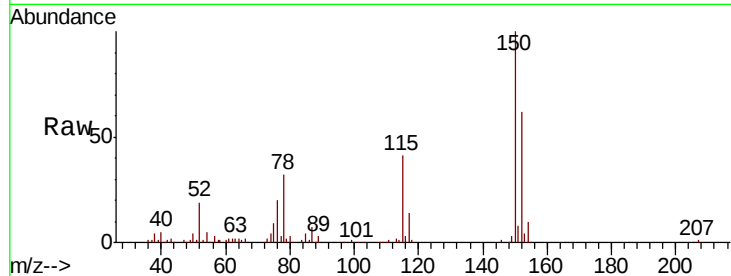
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampled :
PB119018BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	122.1	183.1
115	65.5	50.0	75.0

Manual Integrations
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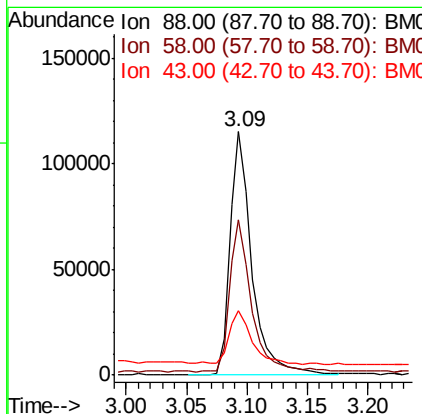
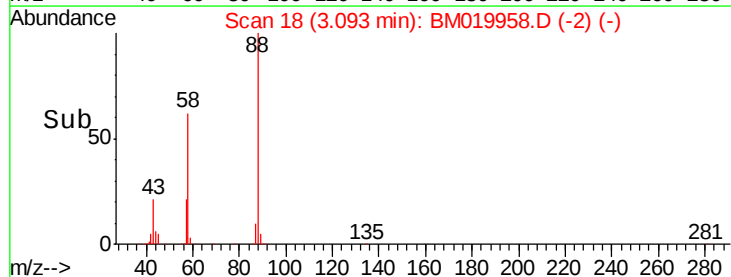
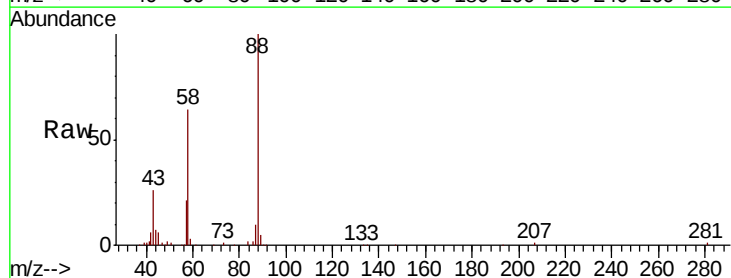
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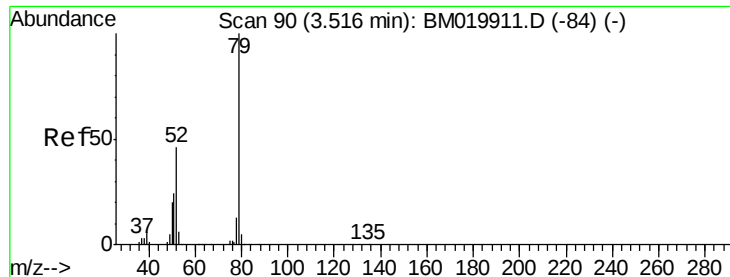


#2

1,4-Dioxane
Concen: 58.328 ng
RT: 3.09 min Scan# 18
Delta R.T. -0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.5	49.6	74.4
43	23.7	18.6	27.8





#3

Pvridine

Concen: 33.859 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

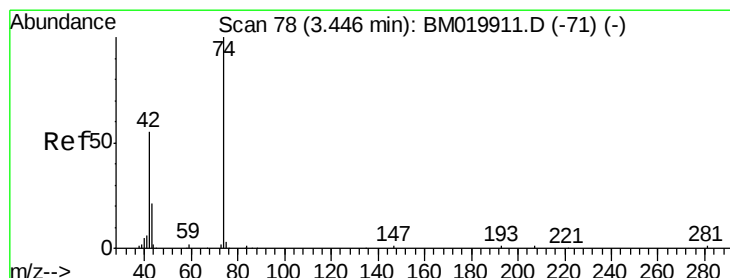
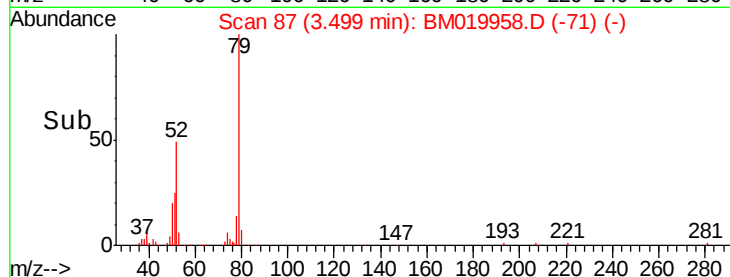
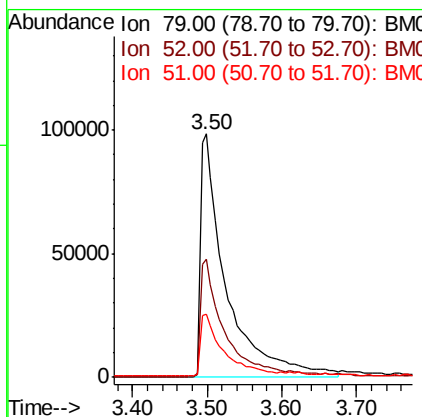
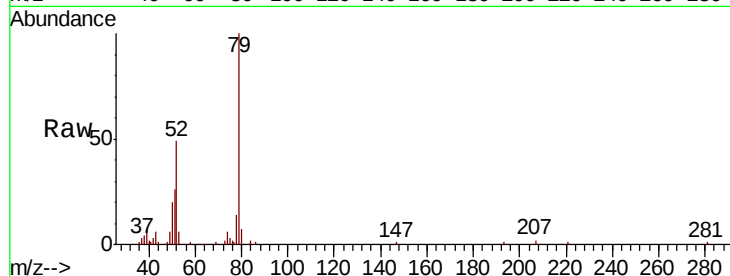
ClientSampled :

PB119018BS

Tot Ion:	79	Resp:	236329
Ion Ratio	Lower	Upper	
79	100		
52	48.6	36.9	55.3
51	26.2	20.0	30.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.563 ng

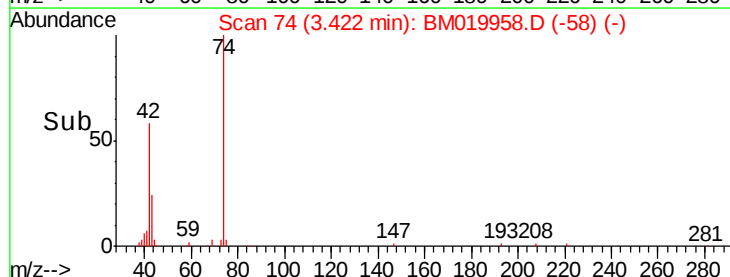
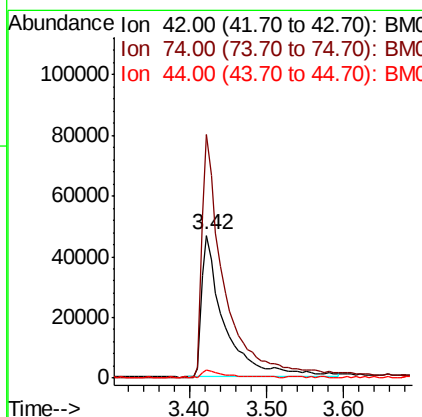
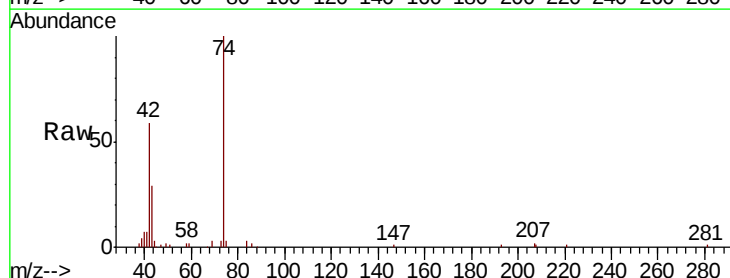
RT: 3.42 min Scan# 74

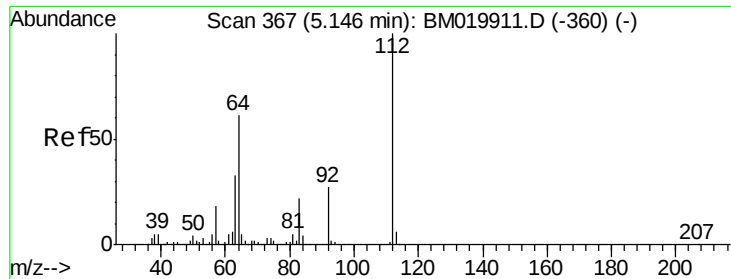
Delta R.T. -0.01 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:	42	Resp:	95701
Ion Ratio	Lower	Upper	
42	100		
74	170.4	144.6	217.0
44	5.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 143.119 ng

RT: 5.13 min Scan# 364

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

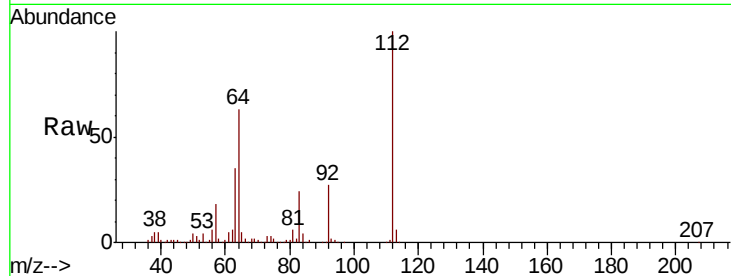
ClientSampleId :

PB119018BS

Tot Ion:	112	Resp:	826571
Ion Ratio	Lower	Upper	
112	100		
64	63.3	49.1	73.7
63	34.6	26.5	39.7

Manual Integrations
APPROVED

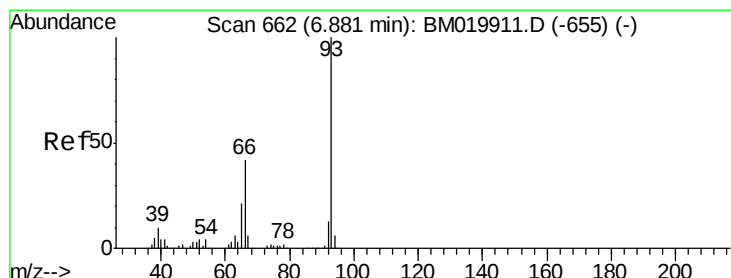
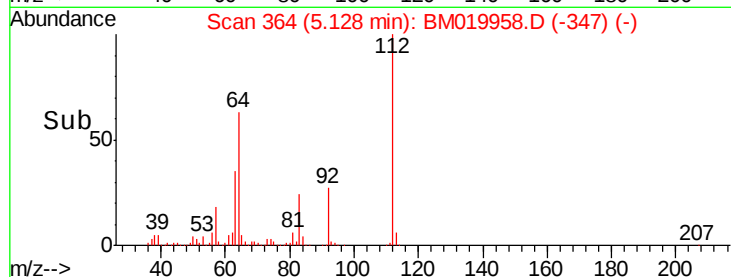
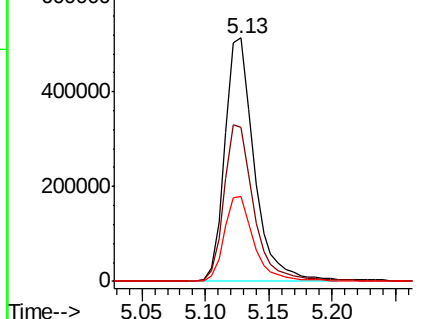
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 28.606 ng

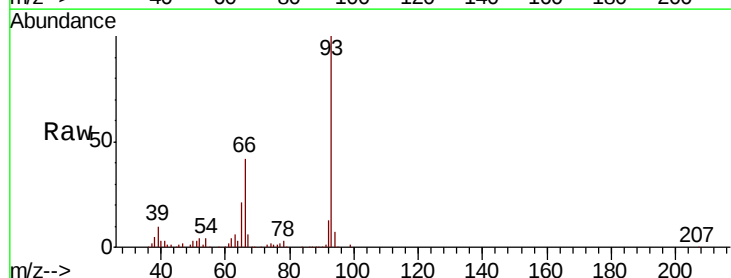
RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

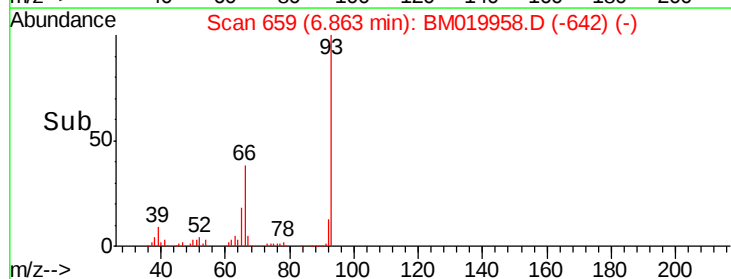
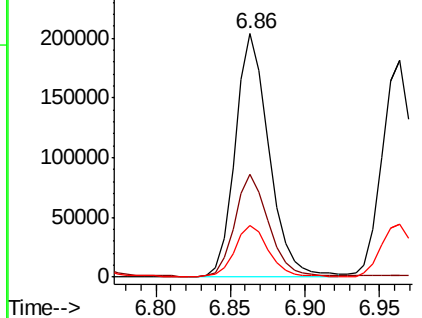
Tgt Ion:	93	Resp:	321145
Ion Ratio	Lower	Upper	
93	100		
66	42.1	33.9	50.9
65	21.4	17.0	25.6

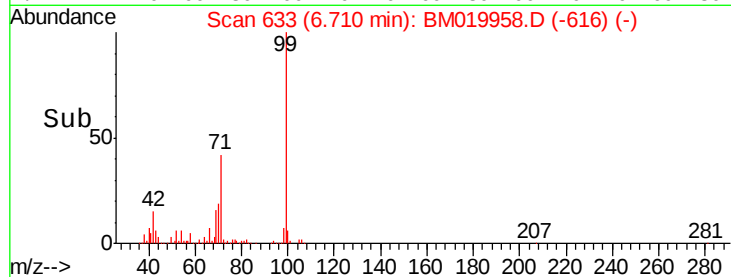
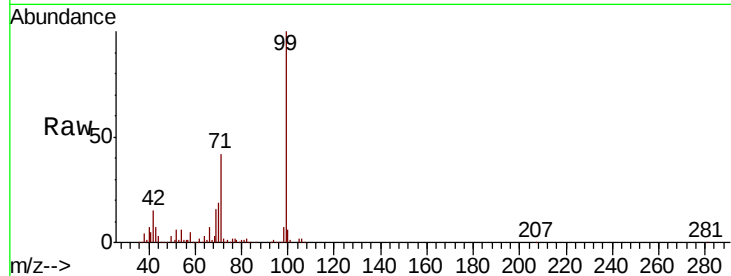
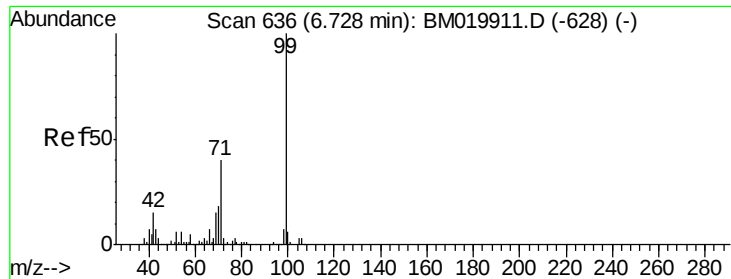


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 126.815 ng

RT: 6.71 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tot Ion: 99 Resp: 1102259

Ion Ratio Lower Upper

99 100

42 14.8 11.8 17.8

71 41.8 32.0 48.0

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ClientSampleId :

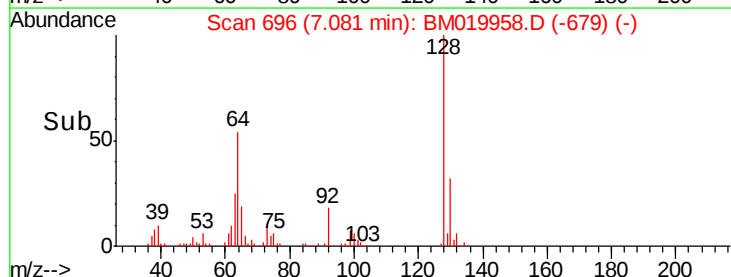
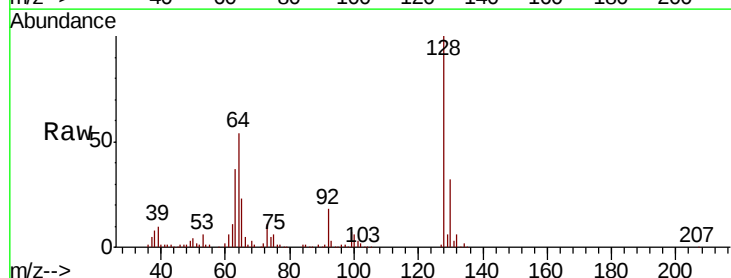
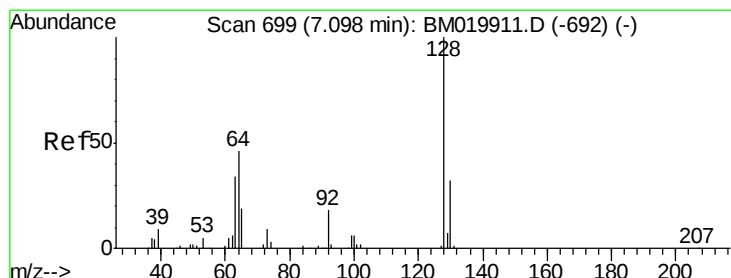
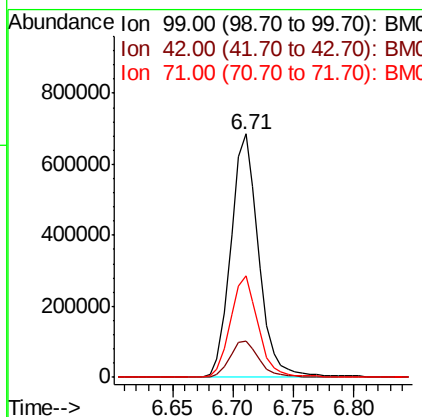
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#8

2-Chlorophenol

Concen: 40.717 ng

RT: 7.08 min Scan# 696

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

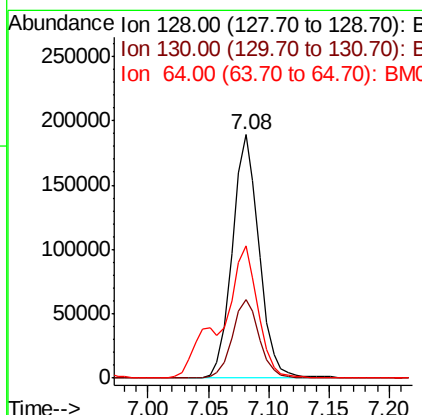
Tgt Ion: 128 Resp: 292481

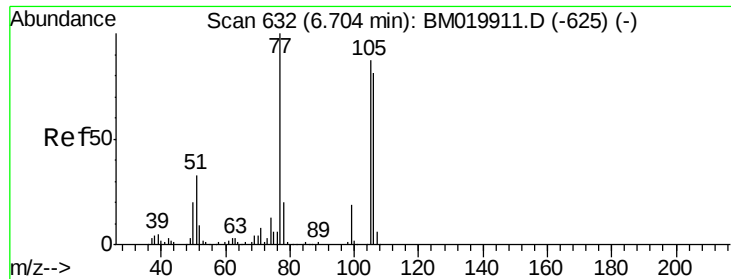
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 54.2 33.0 73.0





#9

Benzaldehyde

Concen: 14.010 ng

RT: 6.69 min Scan# 630

Delta R.T. 0.01 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

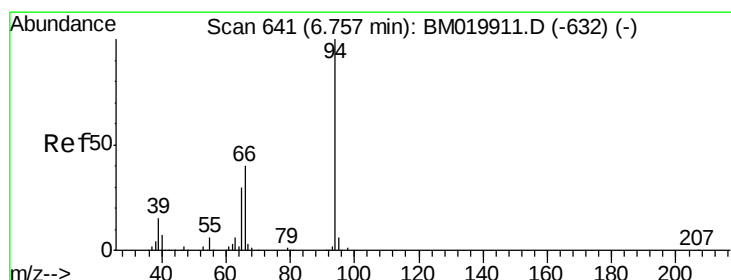
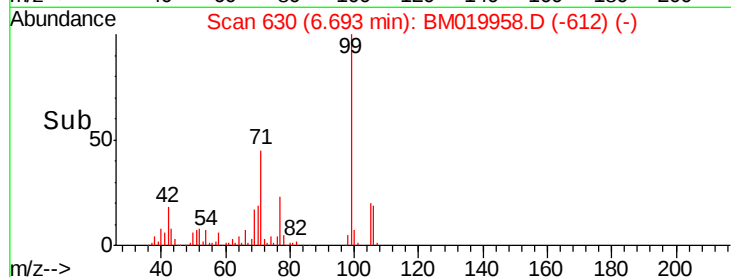
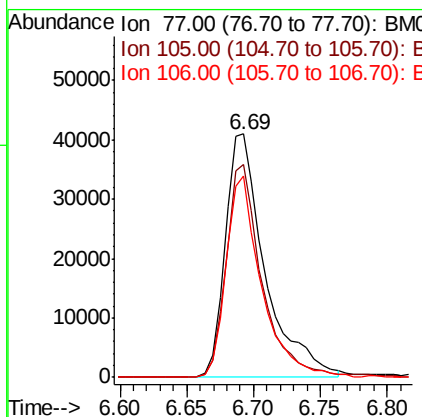
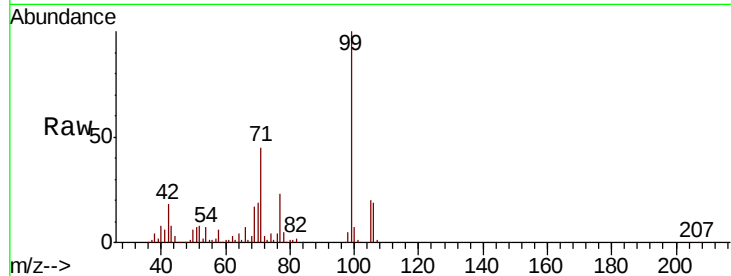
ClientSampleId :

PB119018BS

Tot Ion:	77	Resp:	85278
Ion	Ratio	Lower	Upper
77	100		
105	87.6	67.3	107.3
106	82.7	60.6	100.6

Manual Integrations
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#10

Phenol

Concen: 40.871 ng

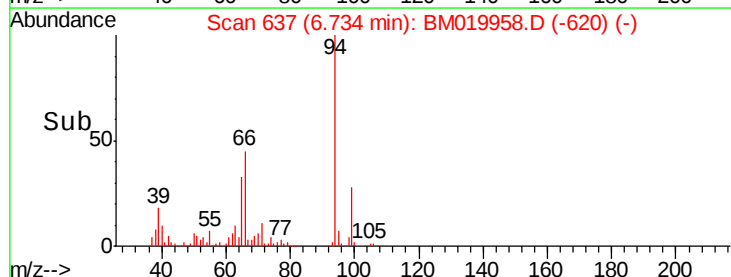
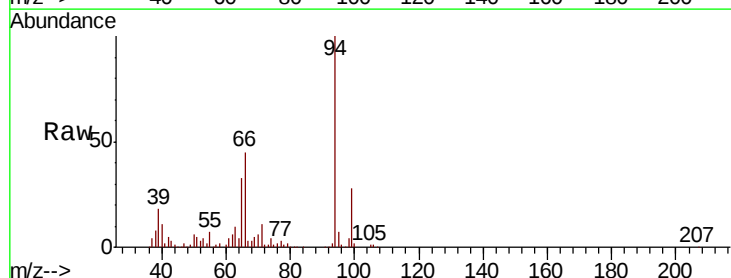
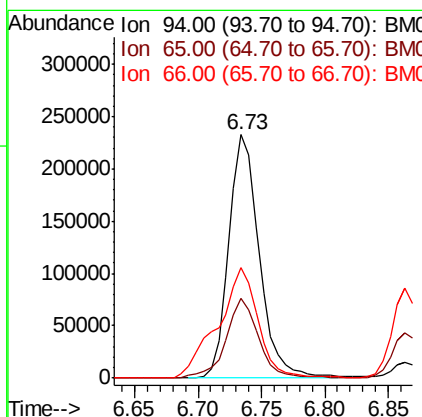
RT: 6.73 min Scan# 637

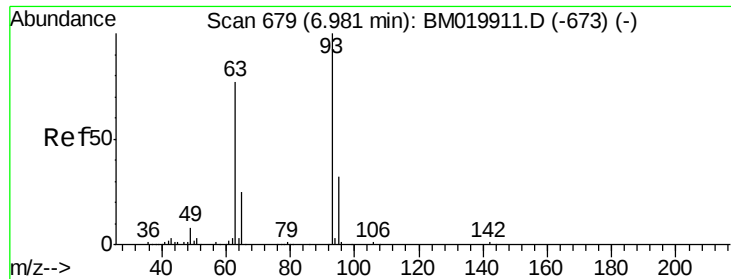
Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:	94	Resp:	388135
Ion	Ratio	Lower	Upper
94	100		
65	32.5	10.0	50.0
66	45.5	20.2	60.2





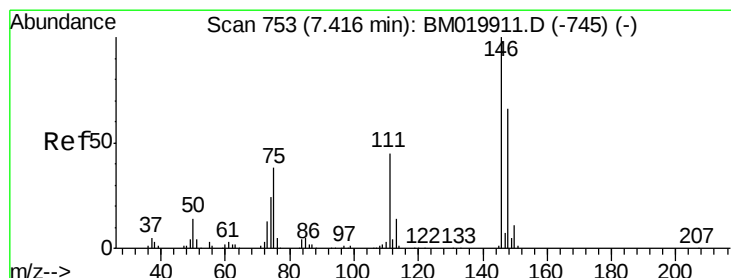
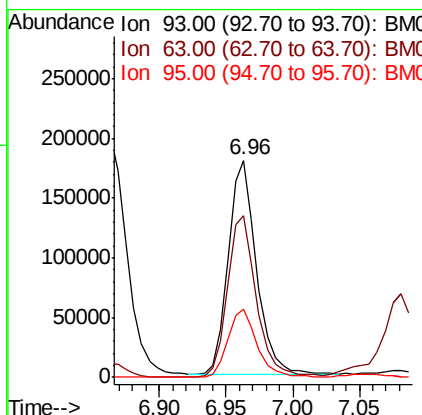
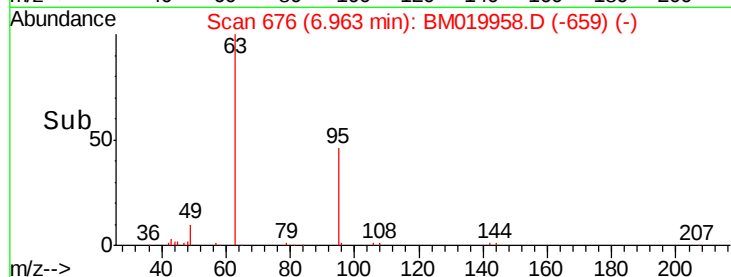
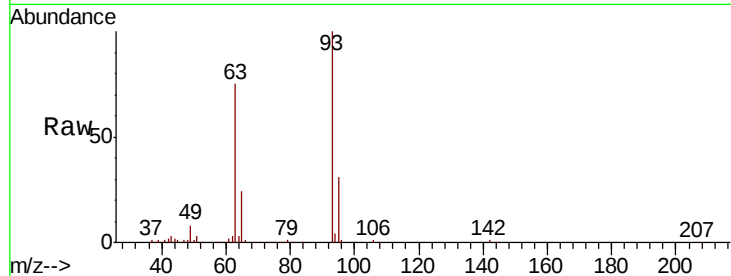
#11
bis(2-Chloroethyl)ether
Concen: 37.953 ng
RT: 6.96 min Scan# 676
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleID :
PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	263706		
63	74.7		55.8	95.8
95	31.5		11.6	51.6

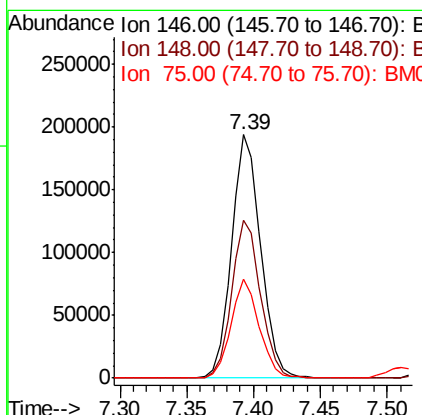
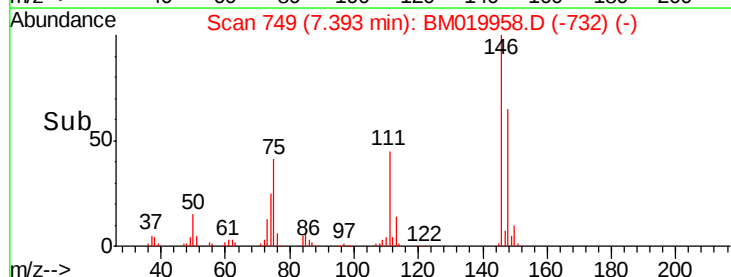
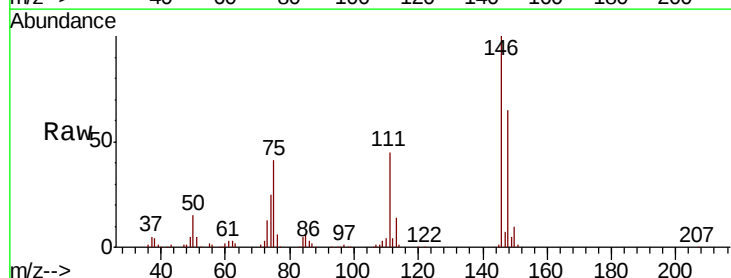
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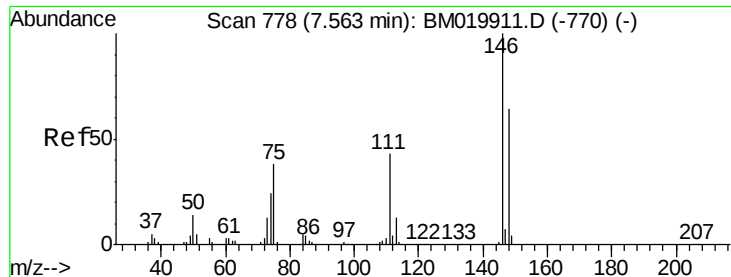
Sohil
4/22/2019 2:53:12 AM



#12
1,3-Dichlorobenzene
Concen: 38.933 ng
RT: 7.39 min Scan# 749
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	293599		
148	64.7		52.6	78.8
75	40.9		30.0	45.0





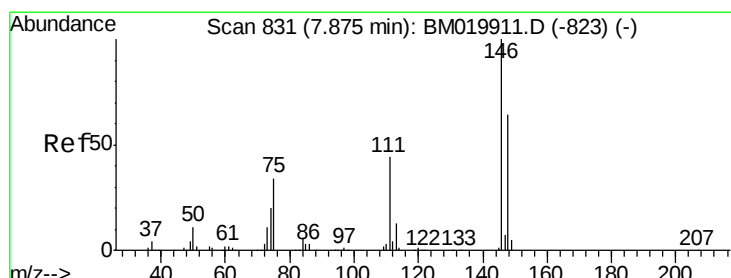
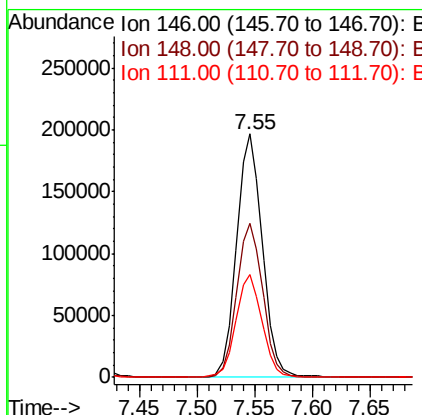
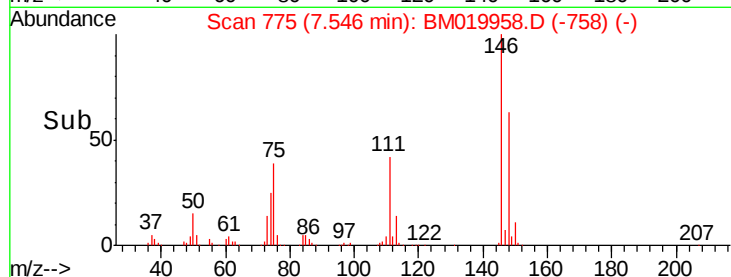
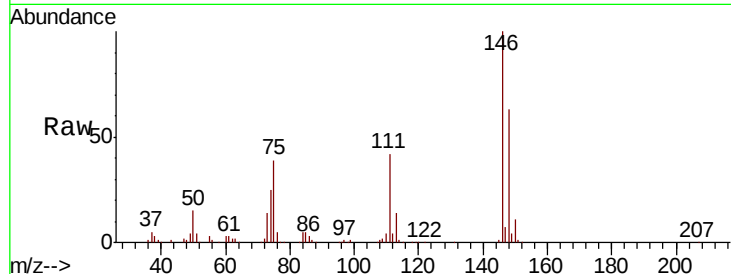
#13
 1,4-Dichlorobenzene
 Concen: 39.708 ng
 RT: 7.55 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleID :
 PB119018BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	42.3	34.6	51.8

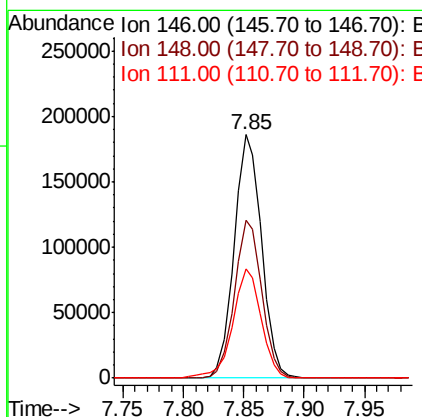
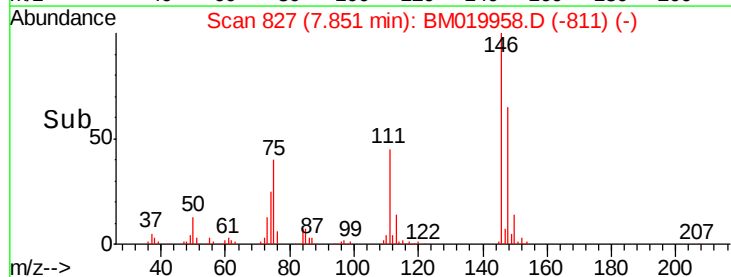
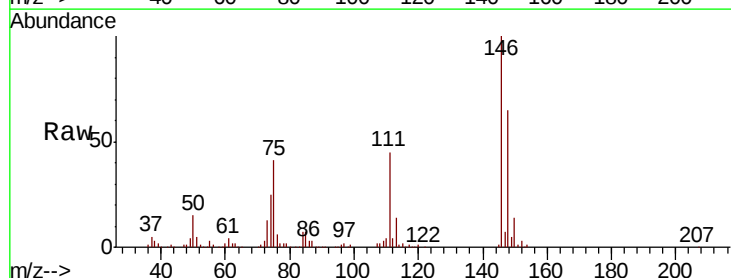
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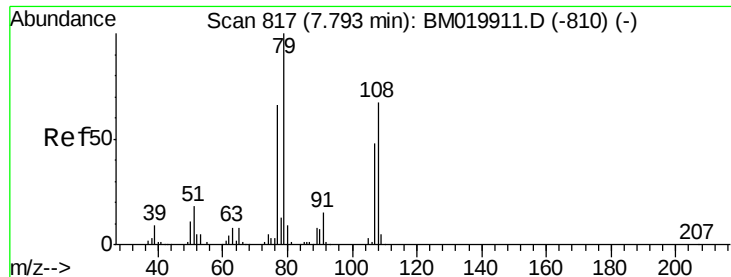
Sohil
 4/22/2019 2:53:12 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.836 ng
 RT: 7.85 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
111	44.7	35.4	53.0





#15

Benzyl Alcohol

Concen: 36.702 ng

RT: 7.77 min Scan# 814

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

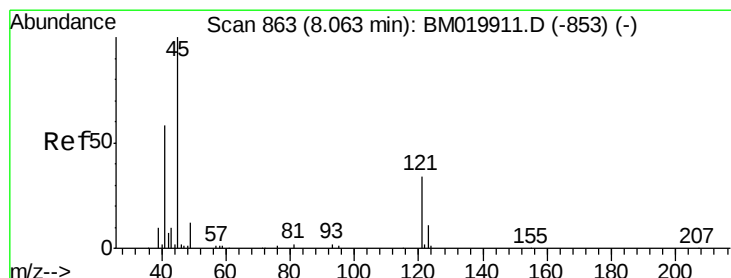
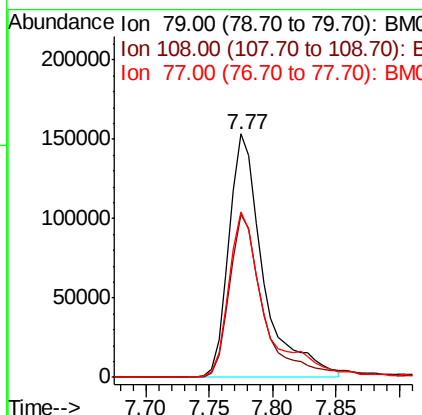
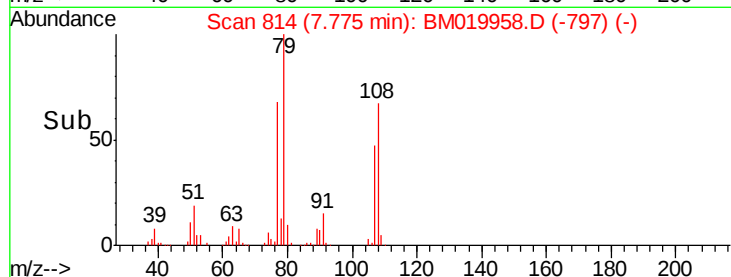
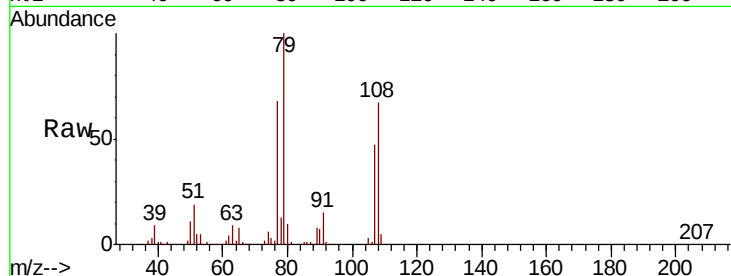
ClientSampleId :

PB119018BS

Tot Ion:	79	Resp:	290015
Ion Ratio	Lower	Upper	
79	100		
108	67.1	53.9	80.9
77	67.8	53.1	79.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.779 ng

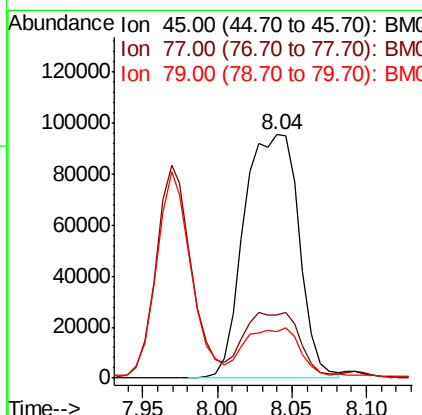
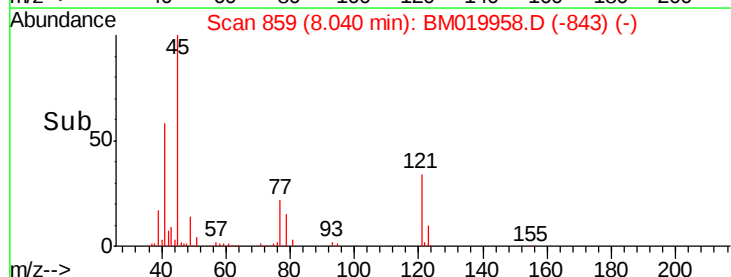
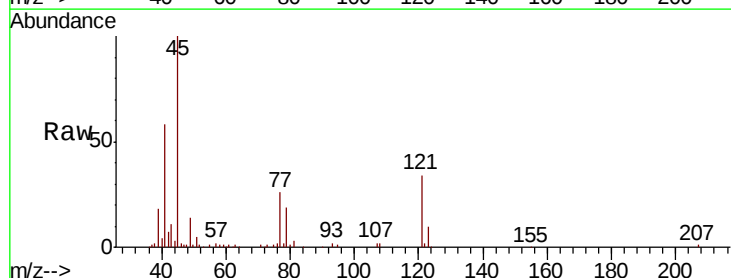
RT: 8.04 min Scan# 859

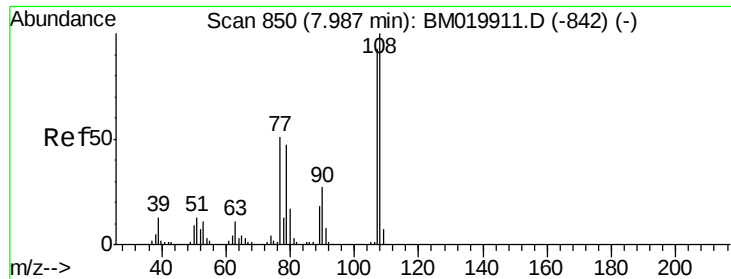
Delta R.T. -0.01 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:	45	Resp:	243607
Ion Ratio	Lower	Upper	
45	100		
77	26.1	7.2	47.2
79	19.3	1.2	41.2





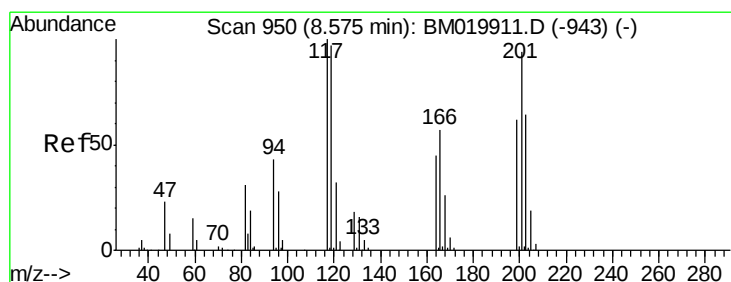
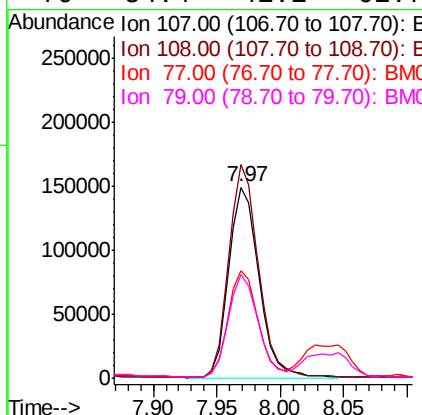
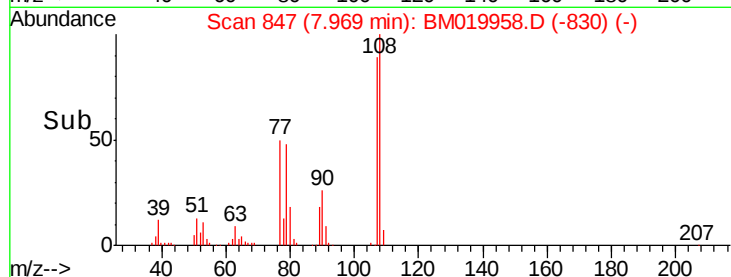
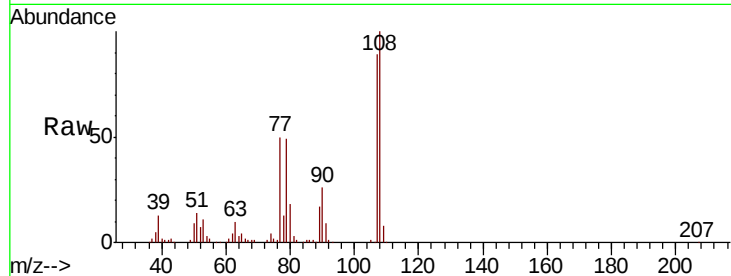
#17
2-Methylphenol
Concen: 39.083 ng
RT: 7.97 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampled :
PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	85.9	128.9	
77	56.1	43.8	65.6	
79	54.4	41.1	61.7	

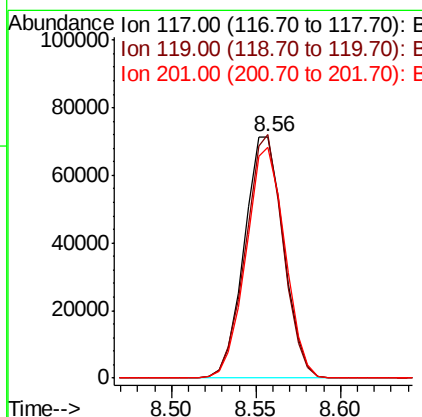
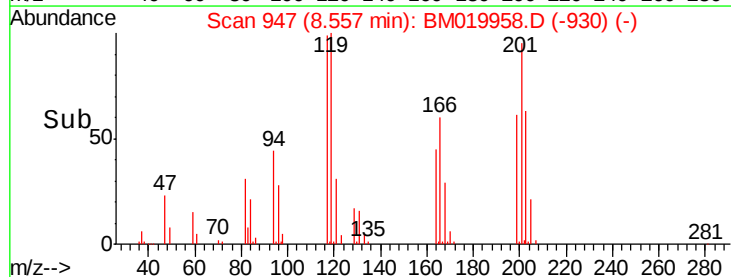
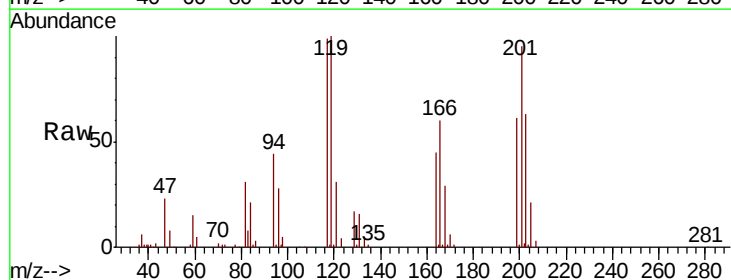
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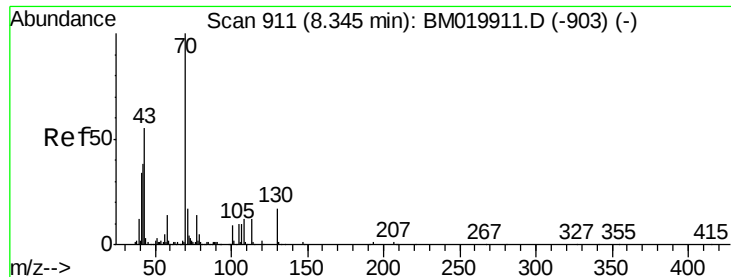
Sohil
4/22/2019 2:53:12 AM



#18
Hexachloroethane
Concen: 38.860 ng
RT: 8.56 min Scan# 947
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.9	77.6	116.4	
201	95.6	75.4	113.2	





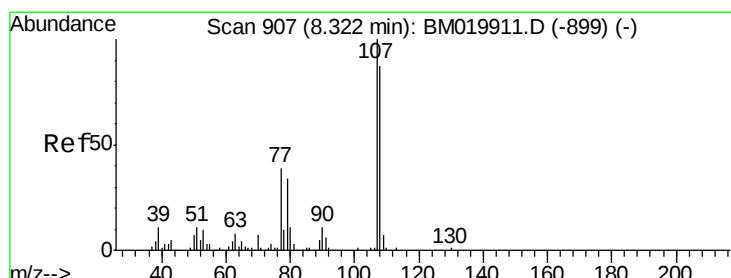
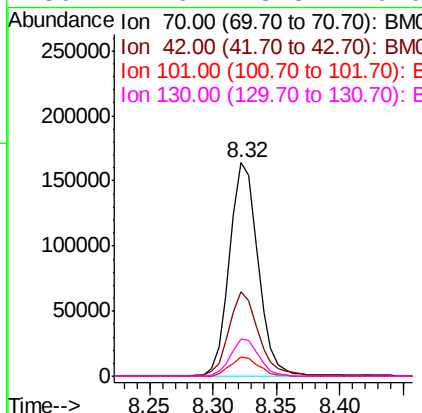
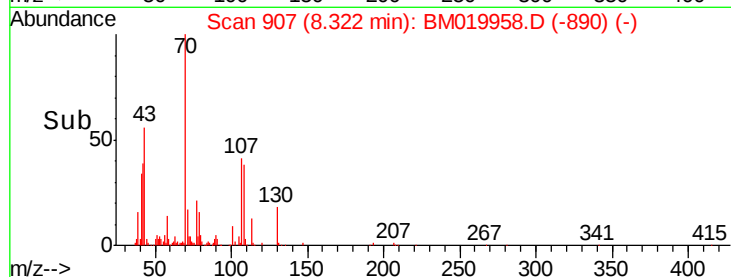
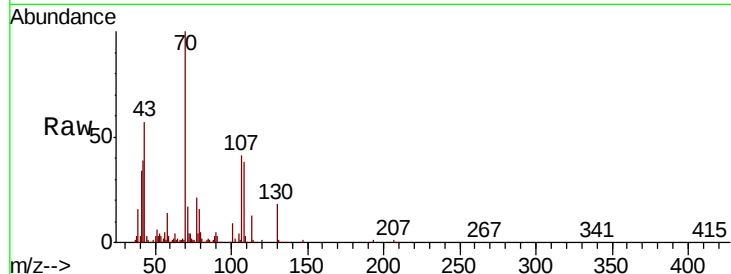
#19
n-Nitroso-di-n-propylamine
Concen: 33.550 ng
RT: 8.32 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		256338		
42	39.5	30.3	45.5		
101	8.8	6.9	10.3		
130	17.6	13.8	20.6		

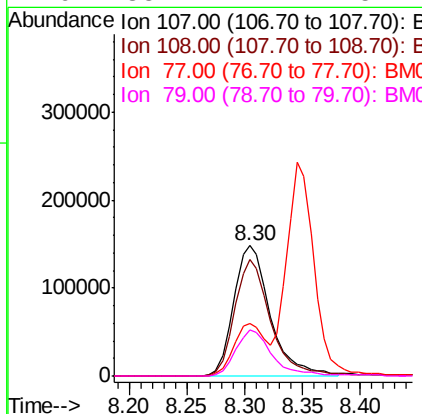
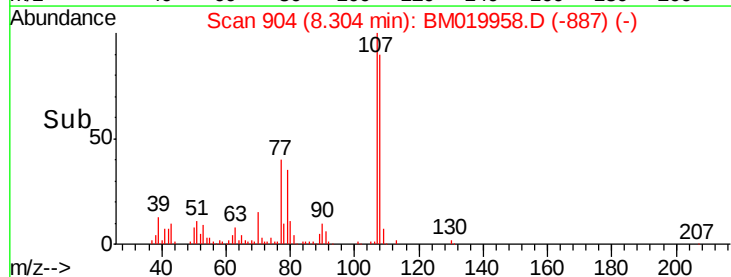
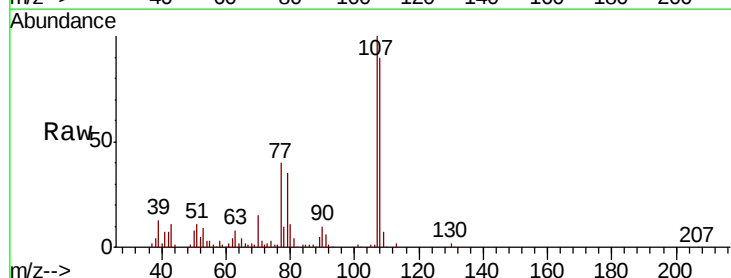
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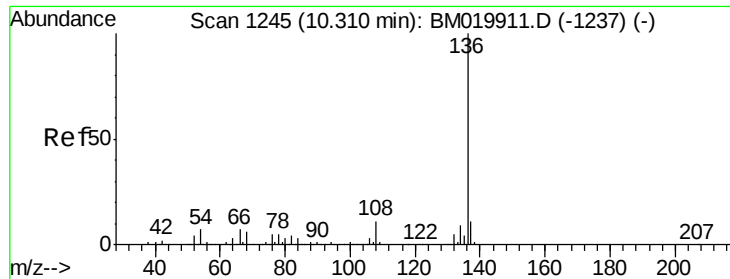
Sohil
4/22/2019 2:53:12 AM



#20
3+4-Methylphenols
Concen: 37.660 ng
RT: 8.30 min Scan# 904
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		325153		
108	89.5	67.4	107.4		
77	40.4	19.7	59.7		
79	35.4	14.1	54.1		





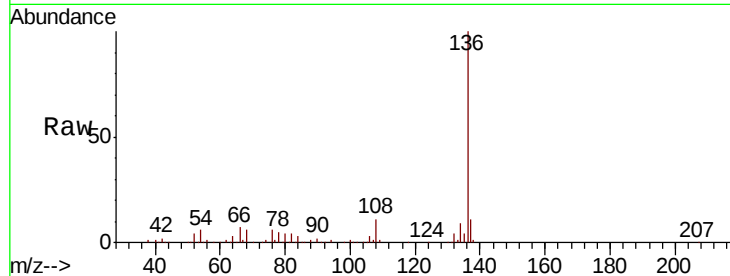
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

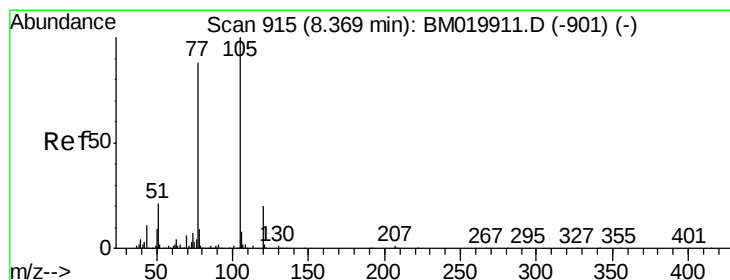
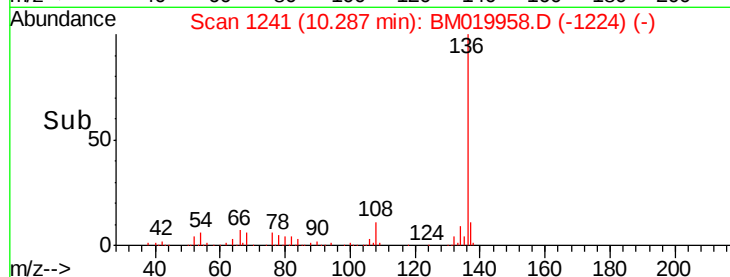
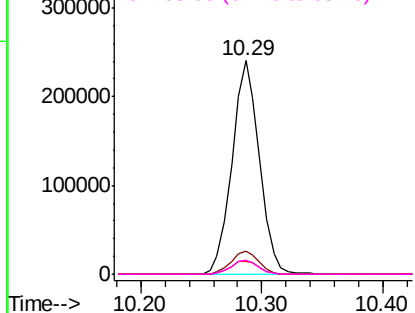
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.0	13.6	
54	6.1	5.3	7.9	
68	6.5	5.2	7.8	

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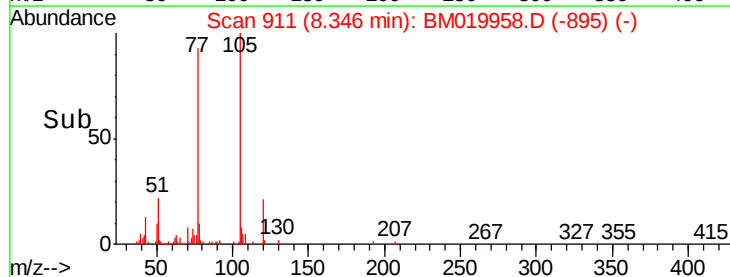
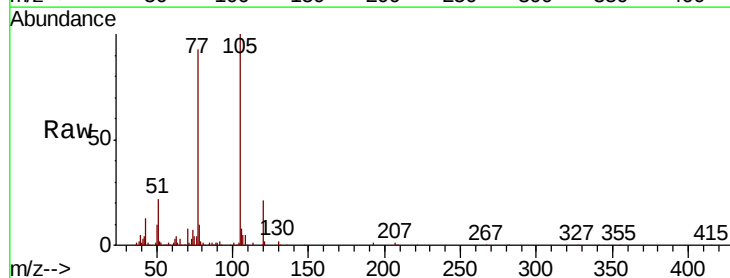
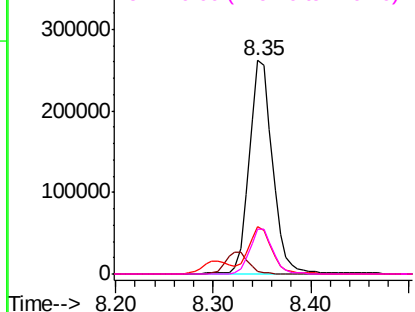
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

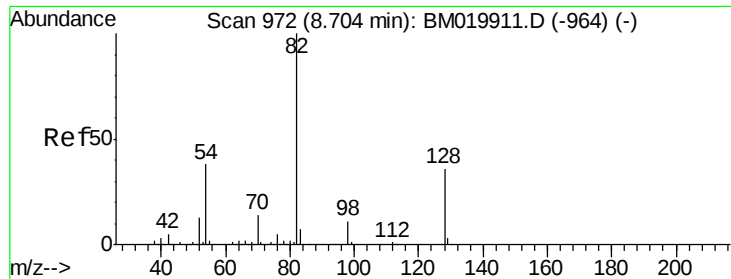


#22
Acetophenone
Concen: 42.079 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.5	0.8	1.2#	
51	22.2	16.9	25.3	
120	21.0	16.4	24.6	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





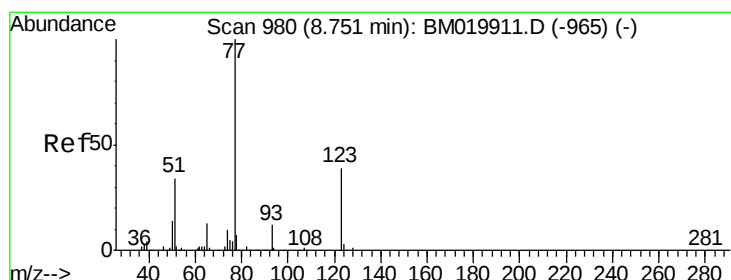
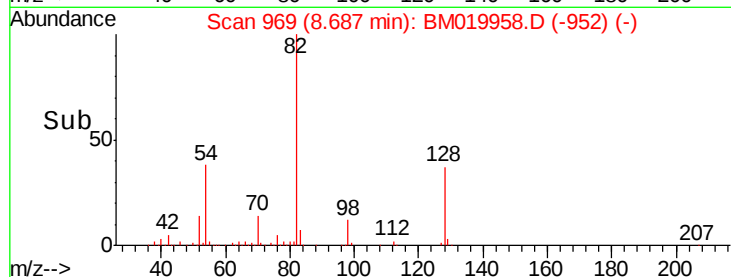
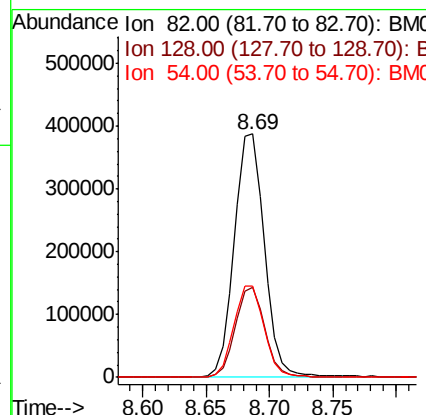
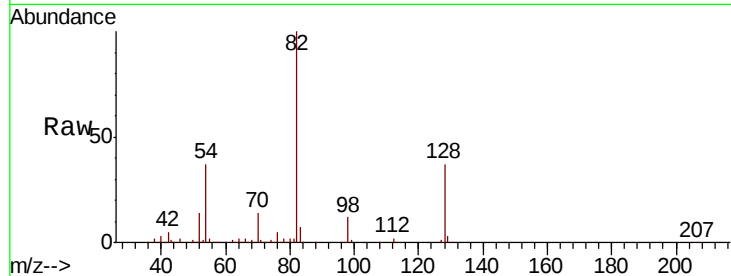
#23
 Nitrobenzene-d5
 Concen: 75.149 ng
 RT: 8.69 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampled :
 PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.7	29.0	43.4	
54	37.5	30.2	45.4	

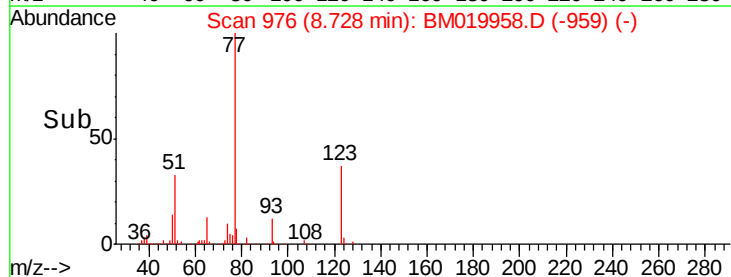
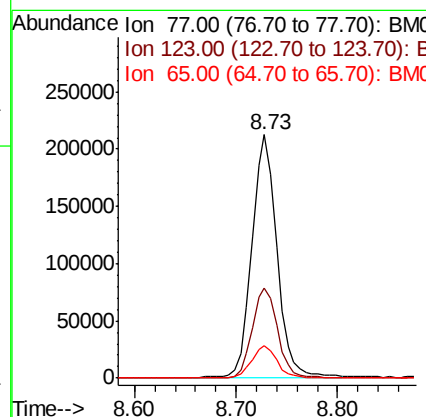
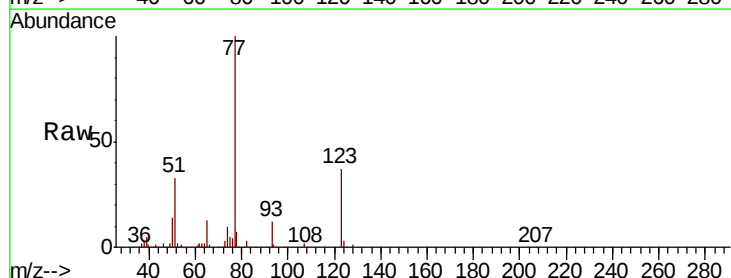
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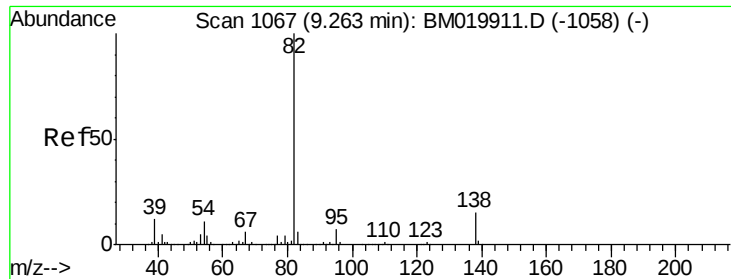
Sohil
 4/22/2019 2:53:12 AM



#24
 Nitrobenzene
 Concen: 41.449 ng
 RT: 8.73 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.1	31.0	46.4	
65	13.3	10.6	16.0	





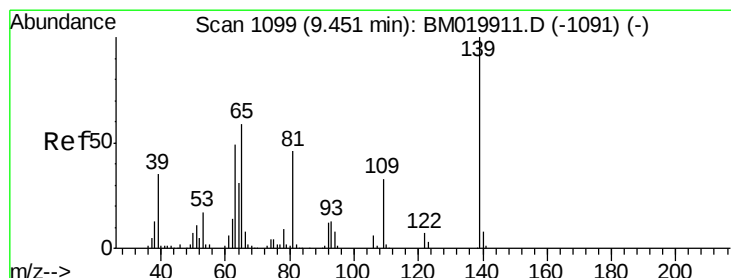
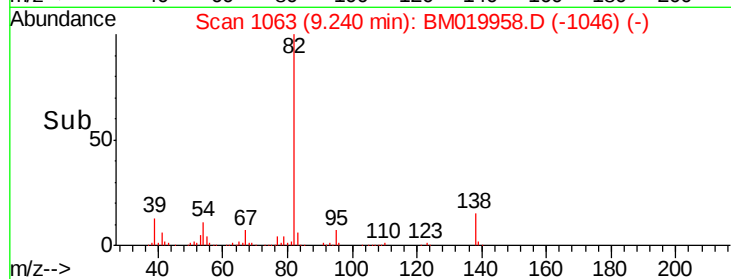
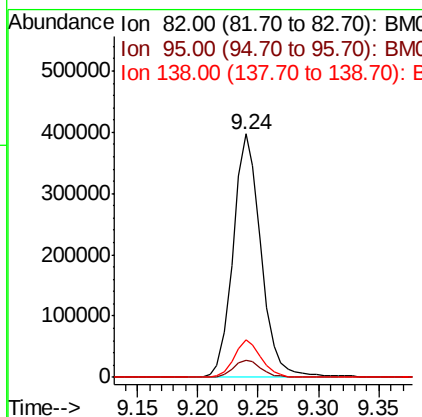
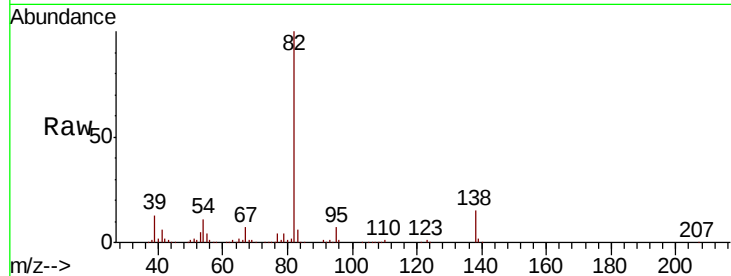
#25
Isophorone
Concen: 38.683 ng
RT: 9.24 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	638795		
95	7.0		5.5	8.3
138	15.3		12.2	18.2

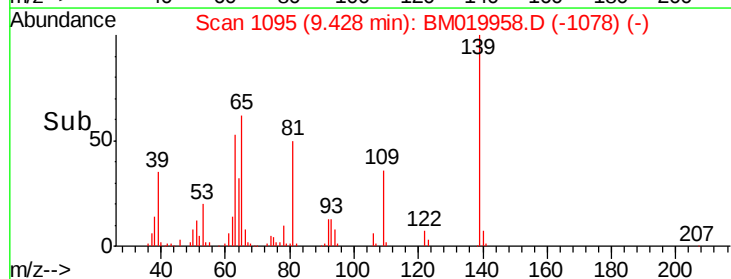
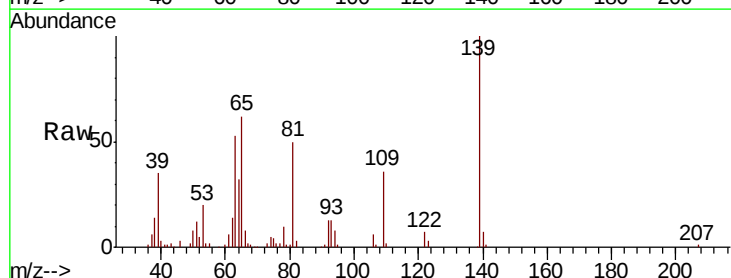
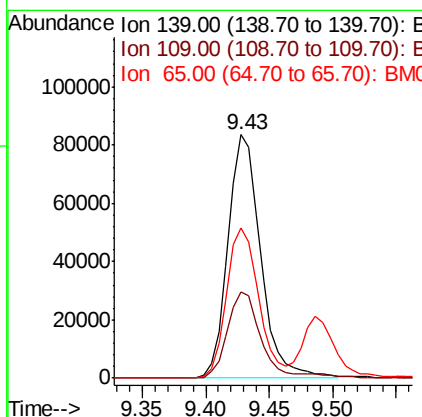
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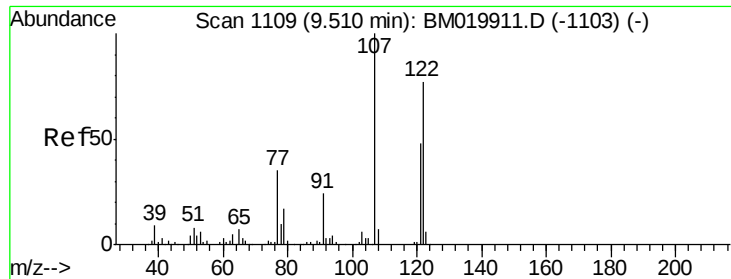
Sohil
4/22/2019 2:53:12 AM



#26
2-Nitrophenol
Concen: 39.862 ng
RT: 9.43 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	149283		
109	35.6		26.3	39.5
65	61.7		47.4	71.2





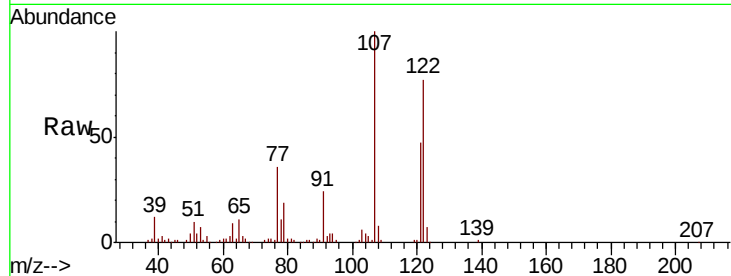
#27
 2,4-Dimethylphenol
 Concen: 48.328 ng
 RT: 9.49 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	255902		
107	130.5	103.1	154.7	
121	62.0	49.8	74.8	

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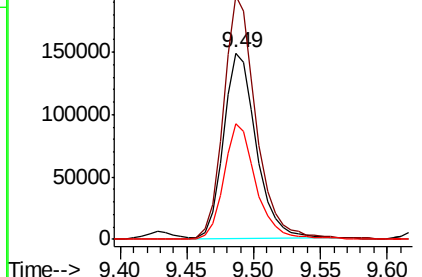
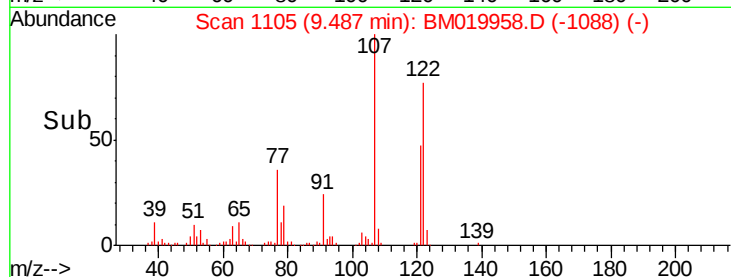
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

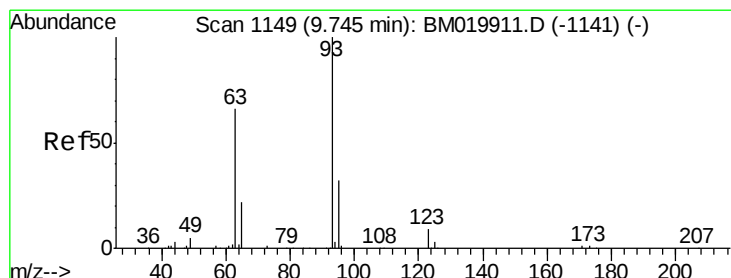
Ion 121.00 (120.70 to 121.70): E

Time-->



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.795 ng
 RT: 9.72 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	358741		
95	31.9	25.8	38.8	
123	10.0	8.2	12.2	



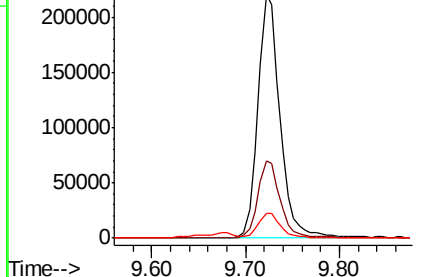
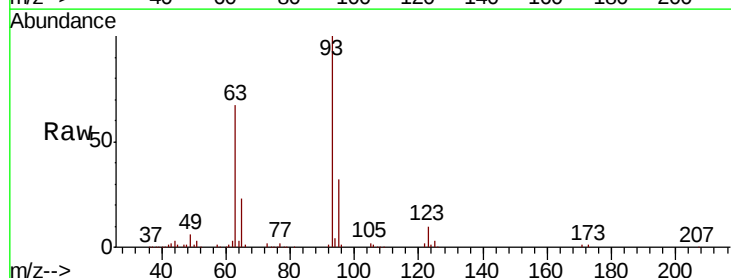
Abundance

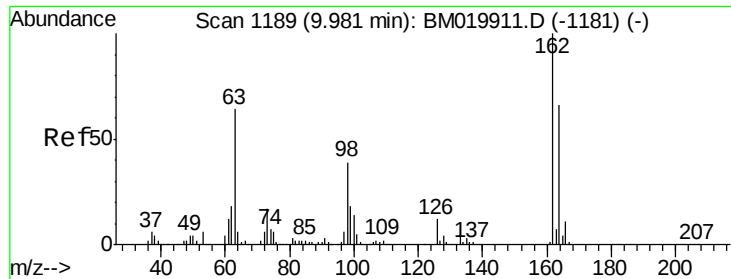
Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

Time-->





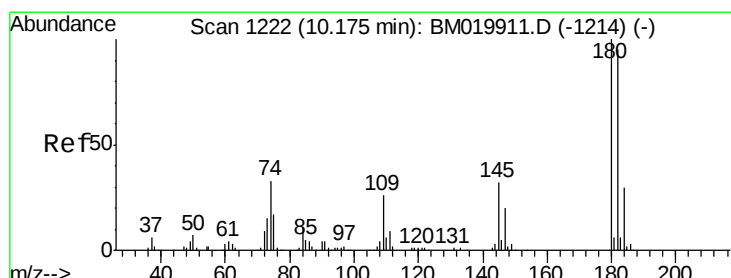
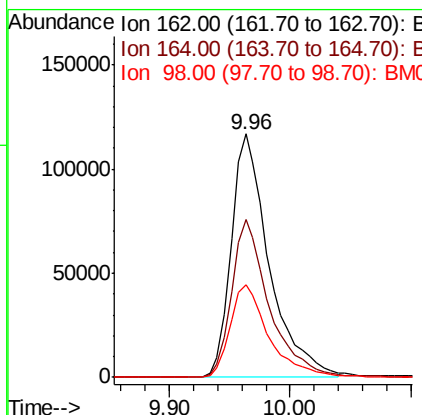
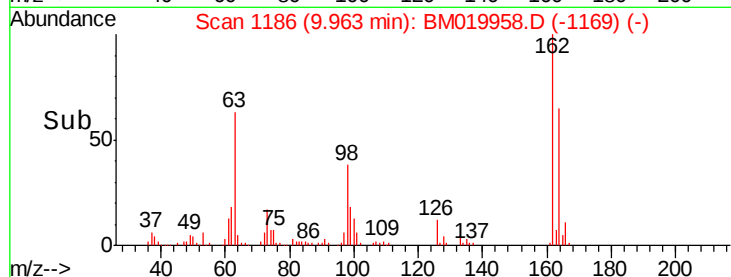
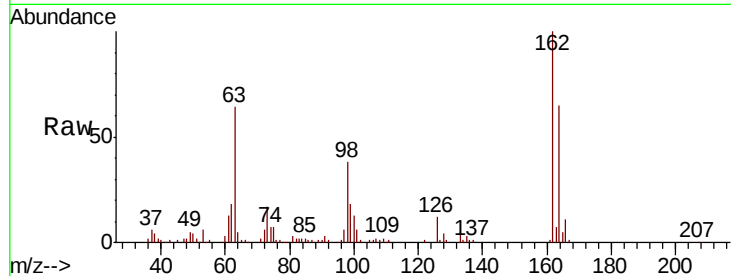
#29
2,4-Dichlorophenol
Concen: 42.529 ng
RT: 9.96 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	255762		
164	65.0	46.3	86.3	
98	38.1	19.2	59.2	

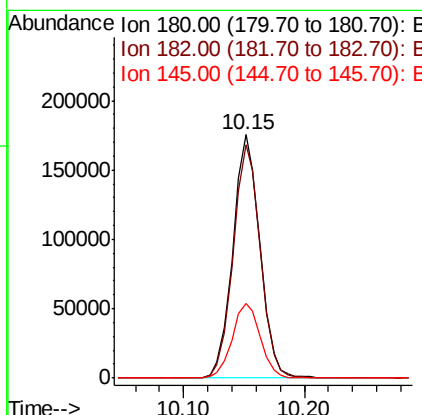
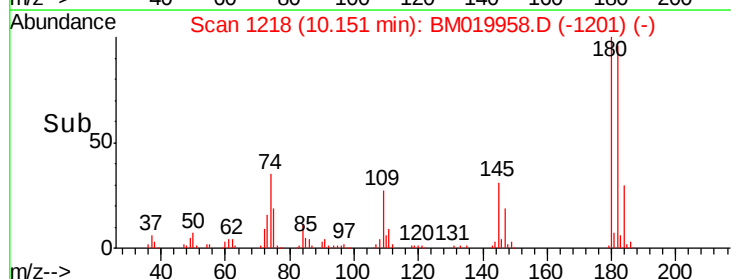
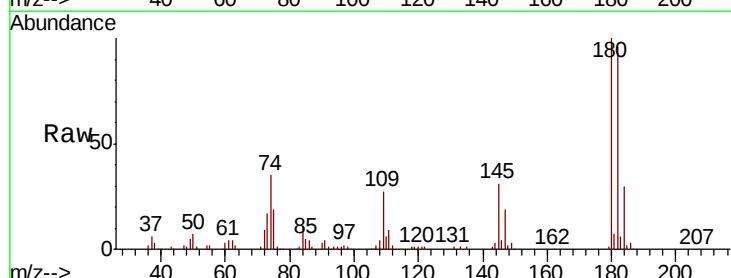
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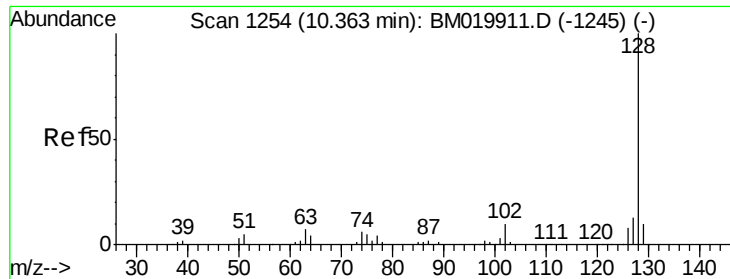
Sohil
4/22/2019 2:53:12 AM



#30
1,2,4-Trichlorobenzene
Concen: 42.412 ng
RT: 10.15 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	274519		
182	96.1	76.3	114.5	
145	30.9	25.5	38.3	





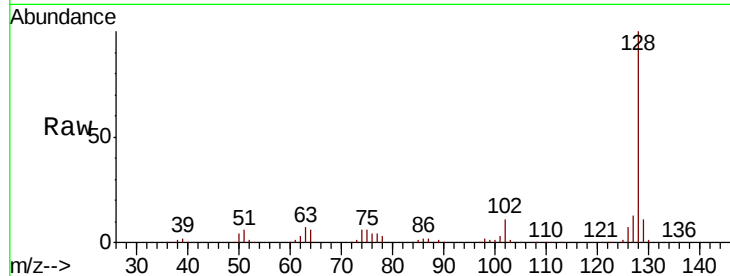
#31
Naphthalene
Concen: 41.532 ng
RT: 10.33 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	12.7	10.4	15.6

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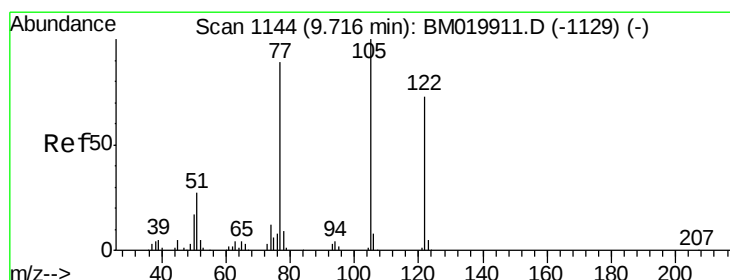
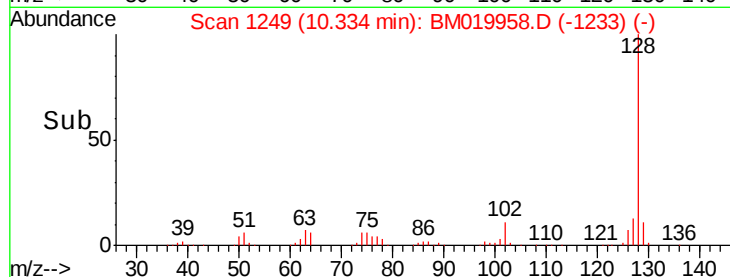
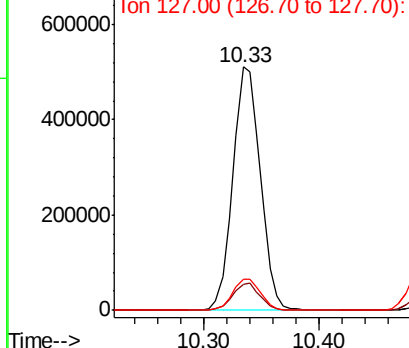


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.968 ng
RT: 9.68 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

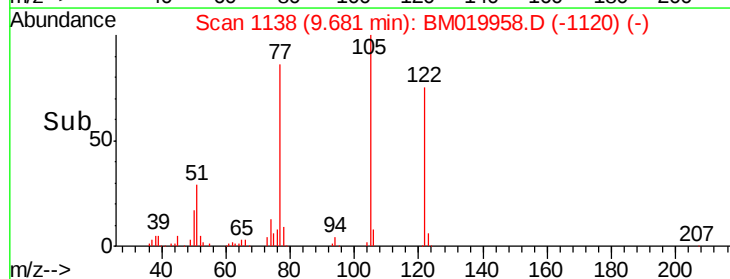
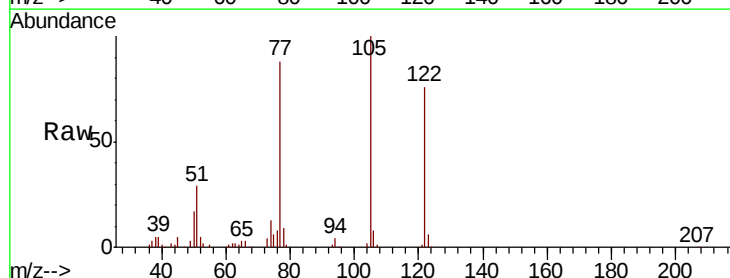
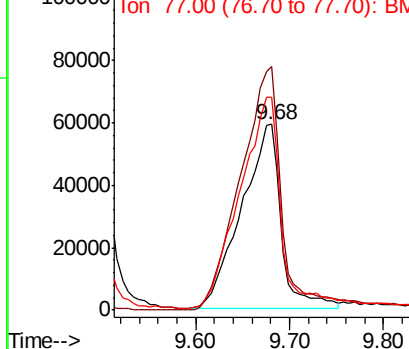
Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.2	114.8	154.8
77	114.8	100.2	140.2

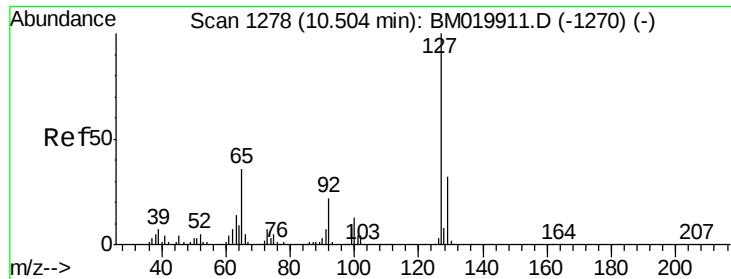
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





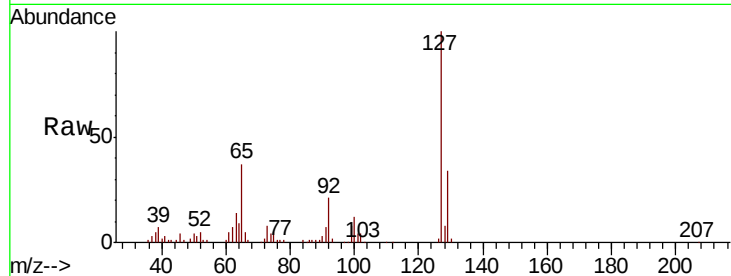
#33
4-Chloroaniline
Concen: 24.537 ng
RT: 10.49 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	205691		
129	33.5		25.4	38.0
65	36.9		29.2	43.8
92	21.2		17.5	26.3

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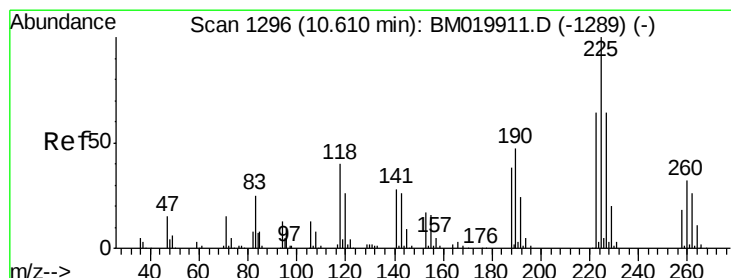
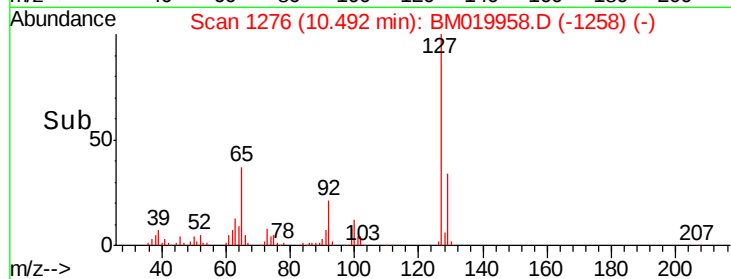
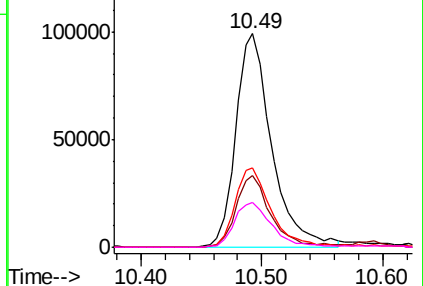
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

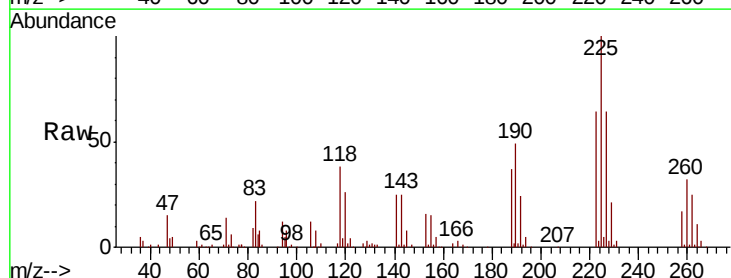
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 41.194 ng
RT: 10.59 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157257		
223	63.9		51.4	77.2
227	64.2		51.0	76.6

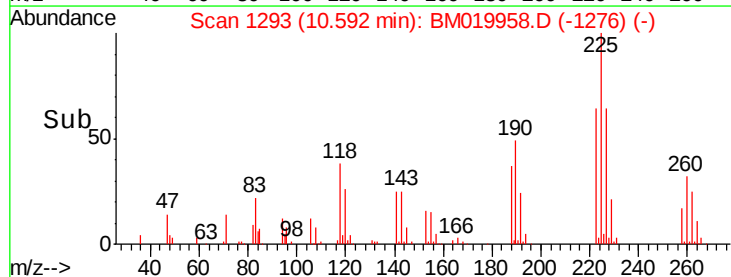
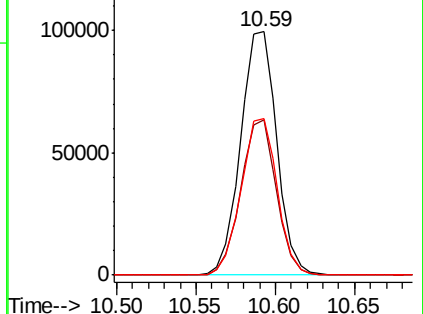


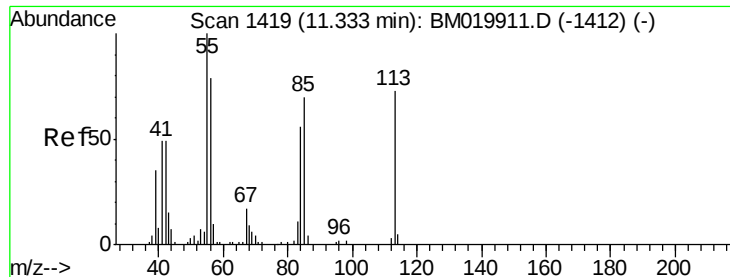
Abundance

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: 35.437 ng/mL

RT: 11.32 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB119018BS

Tot Ion:113 Resp: 80668

Ion Ratio Lower Upper

113 100

55 127.5 117.1 157.1

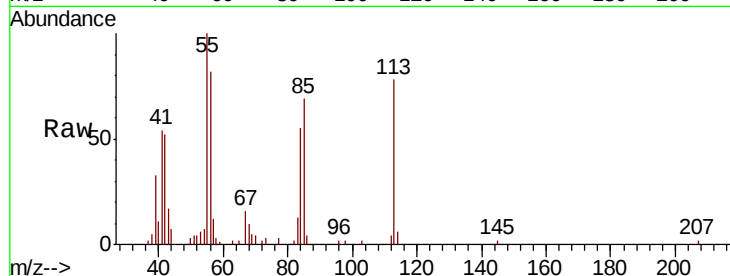
56 104.9 88.2 128.2

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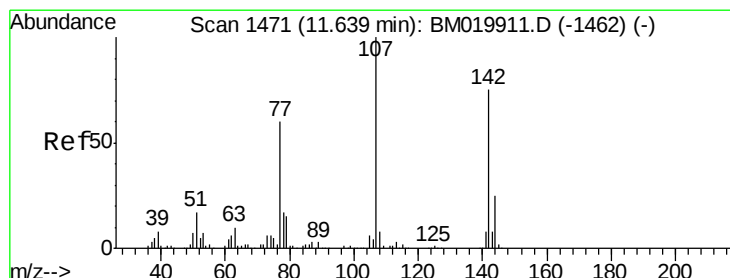
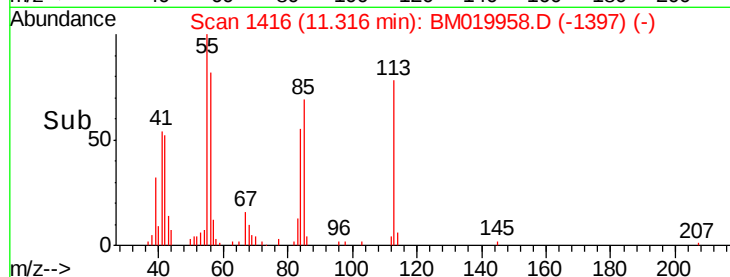
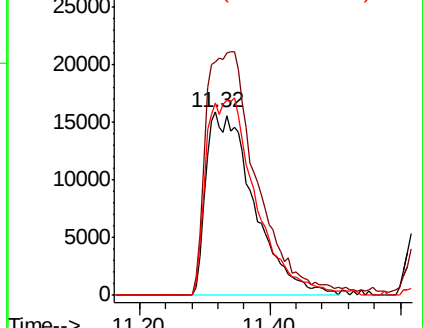
4/22/2019 2:53:12 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM019911.D (-1412) (-)

Ion 56.00 (55.70 to 56.70): BM019911.D (-1412) (-)



#36

4-Chloro-3-methylphenol

Concen: 39.000 ng/mL

RT: 11.62 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

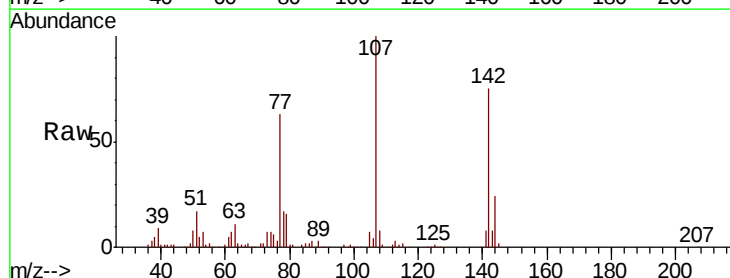
Tgt Ion:107 Resp: 291426

Ion Ratio Lower Upper

107 100

144 24.3 19.8 29.8

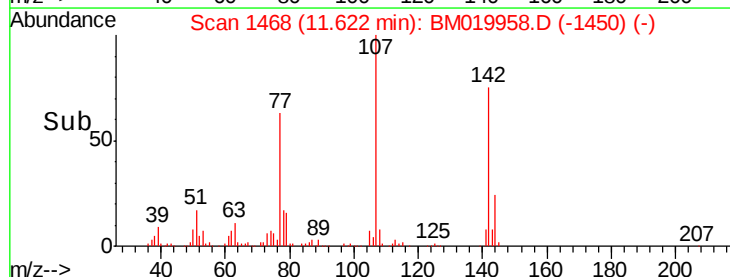
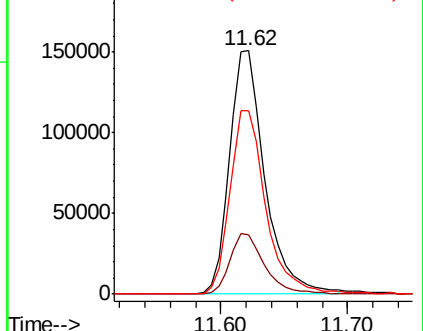
142 75.4 60.3 90.5

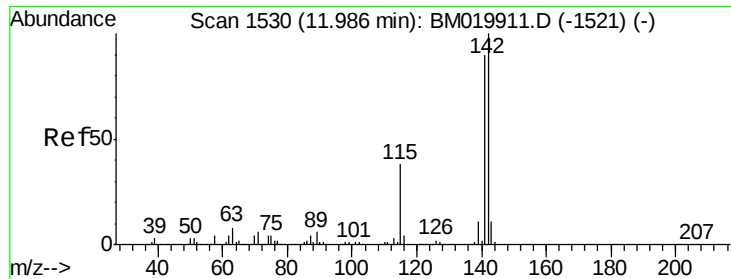


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





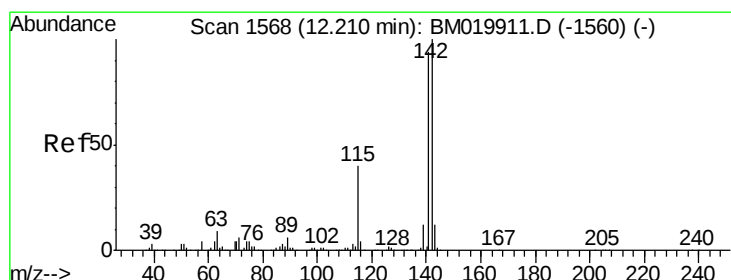
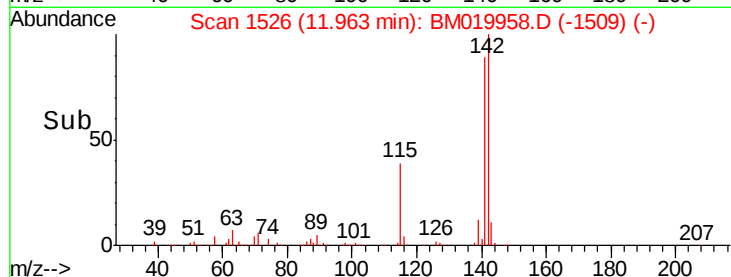
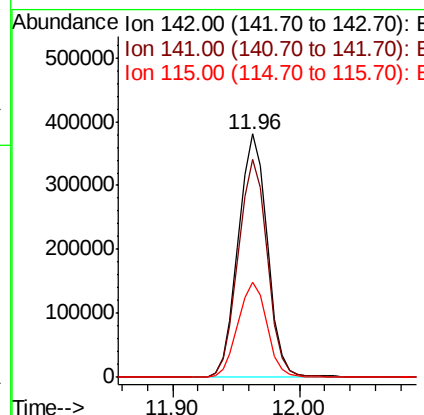
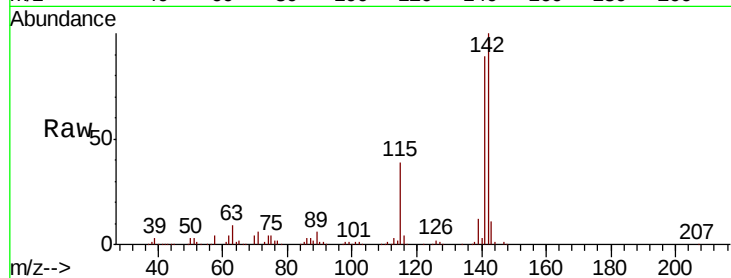
#37
2-Methylnaphthalene
Concen: 40.899 ng
RT: 11.96 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.3	108.5
115	38.9	30.5	45.7

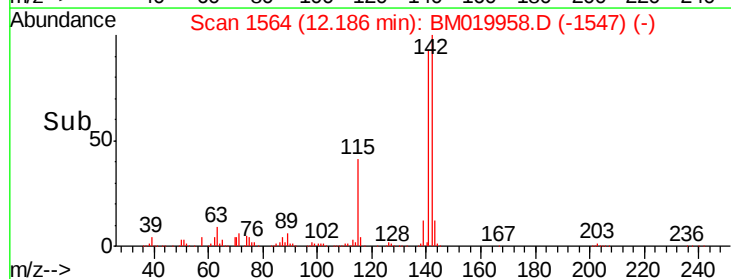
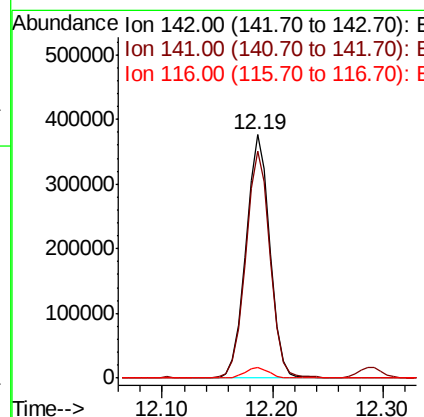
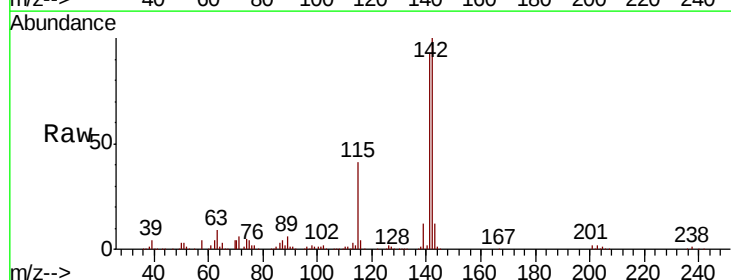
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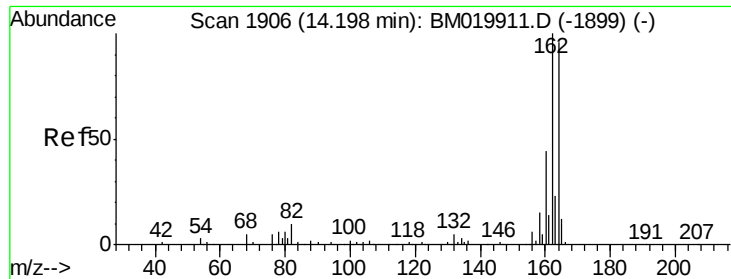
Sohil
4/22/2019 2:53:12 AM



#38
1-Methylnaphthalene
Concen: 39.353 ng
RT: 12.19 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.7	113.5
116	4.2	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.01 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

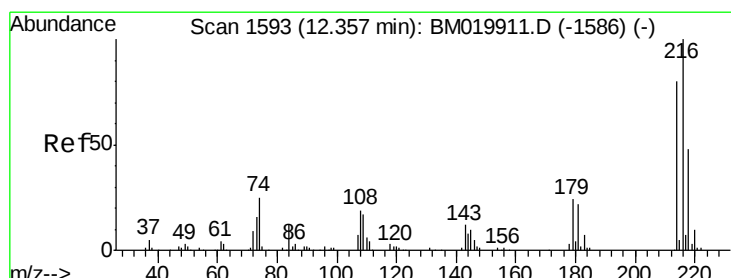
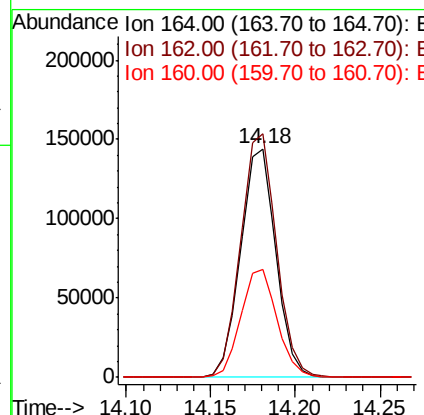
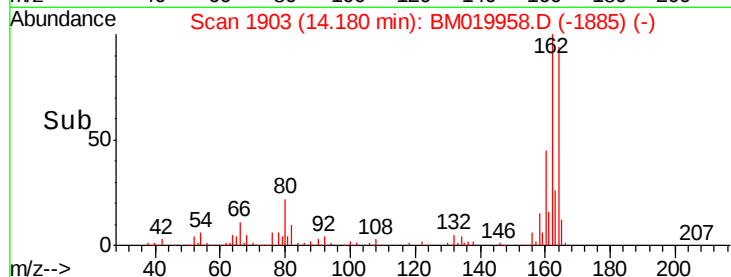
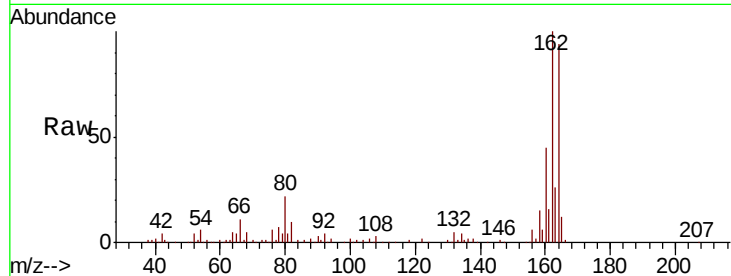
ClientSampleId :

PB119018BS

Tot Ion:	164	Resp:	209520
Ion Ratio	Lower	Upper	
164	100		
162	106.4	83.0	124.4
160	47.4	36.6	55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.253 ng

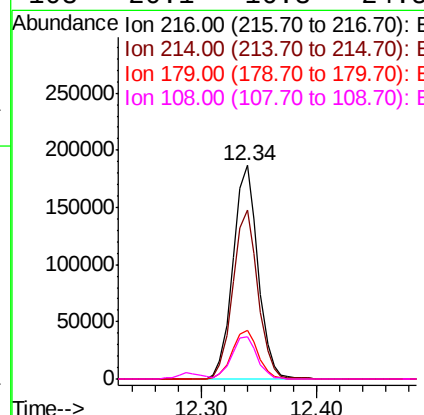
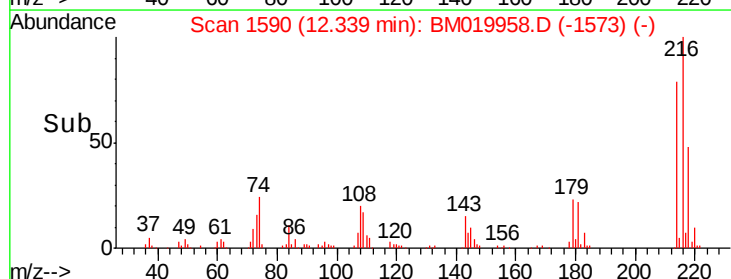
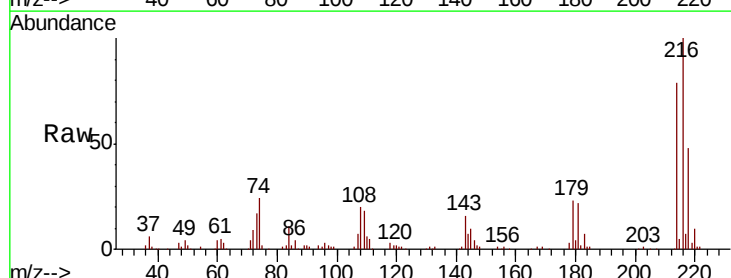
RT: 12.34 min Scan# 1590

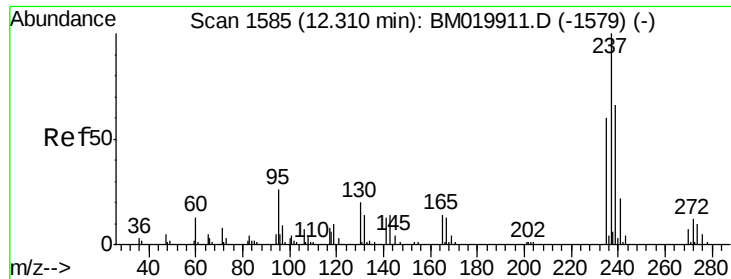
Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:	216	Resp:	279568
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.1	94.7
179	23.5	19.0	28.6
108	20.1	16.3	24.5





#41

Hexachlorocyclopentadiene

Concen: 81.323 ng

RT: 12.29 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

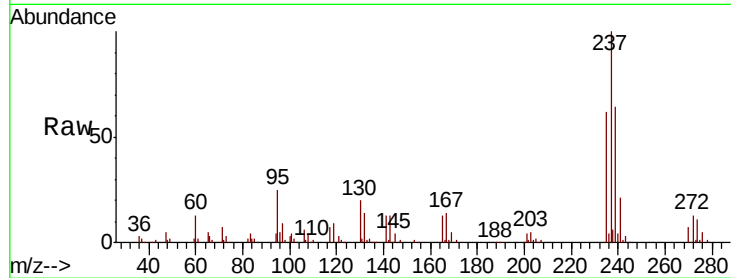
ClientSampleId :

PB119018BS

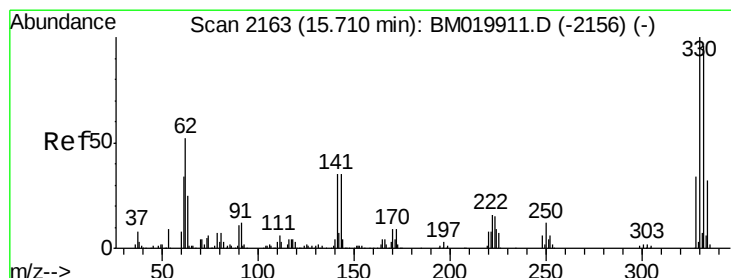
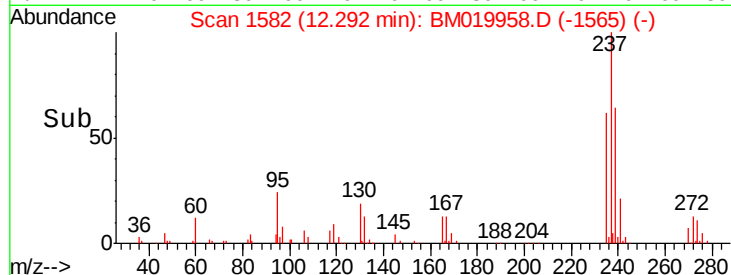
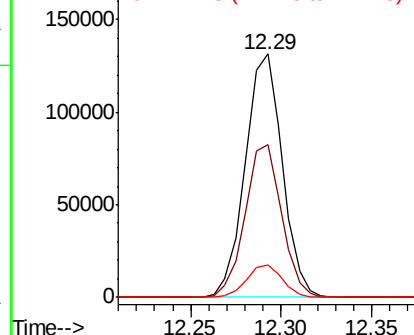
Tot Ion:	237	Resp:	186613
Ion Ratio	Lower	Upper	
237	100		
235	62.5	40.4	80.4
272	13.3	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 128.799 ng

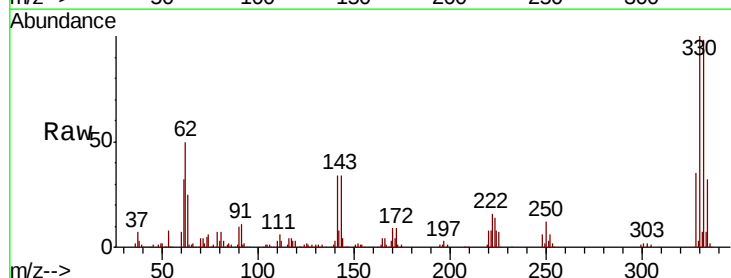
RT: 15.69 min Scan# 2160

Delta R.T. 0.00 min

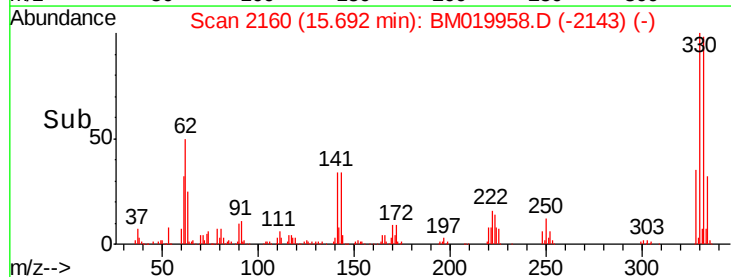
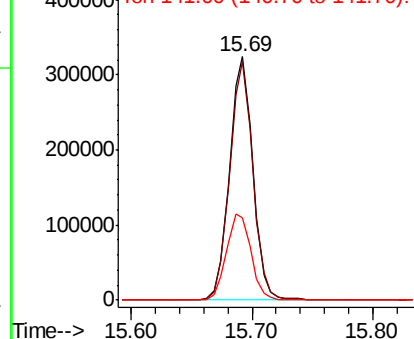
Lab File: BM019958.D

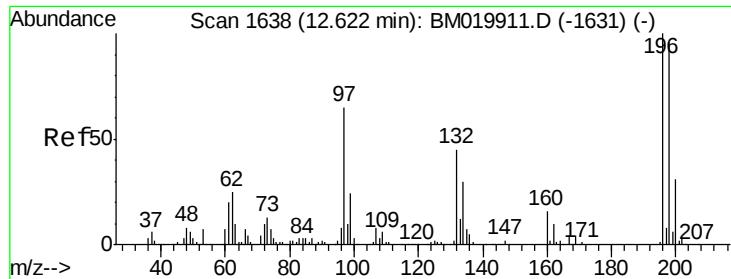
Acq: 18 Apr 2019 17:53

Tgt Ion:	330	Resp:	434400
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.4	116.2
141	37.1	29.0	43.4



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





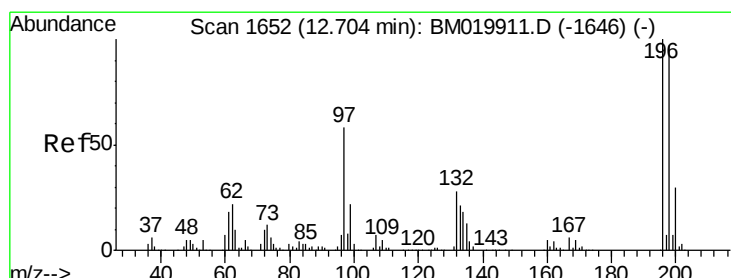
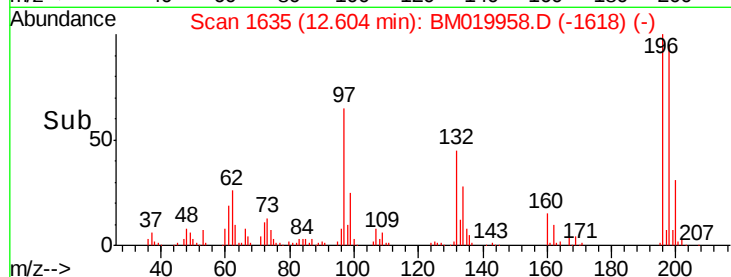
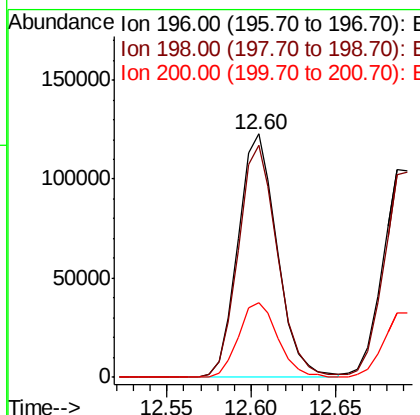
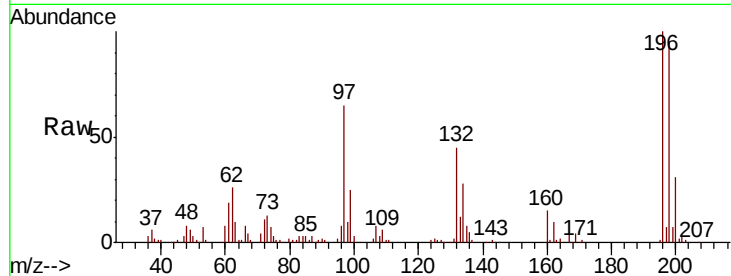
#43
 2,4,6-Trichlorophenol
 Concen: 45.001 ng
 RT: 12.60 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	197200		
198	95.1	76.8	115.2	
200	30.6	24.6	37.0	

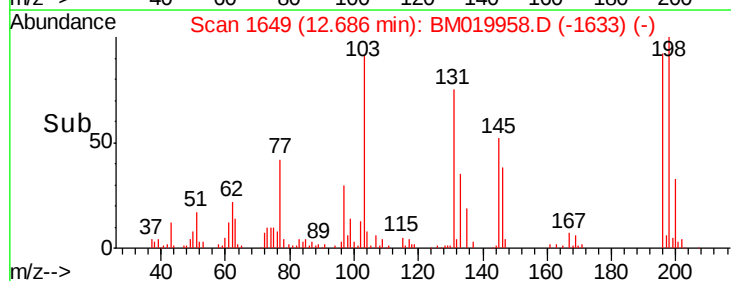
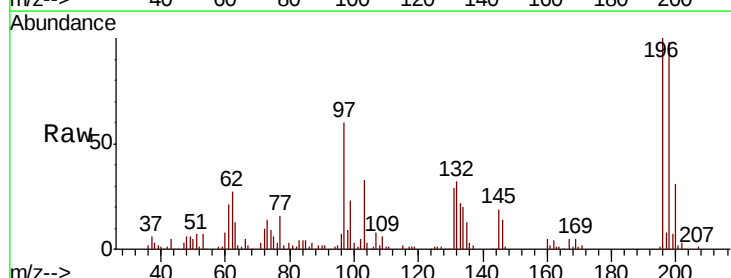
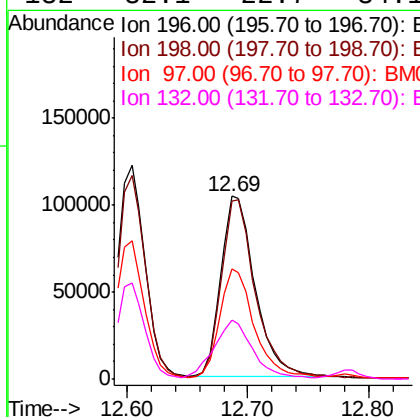
Manual Integrations
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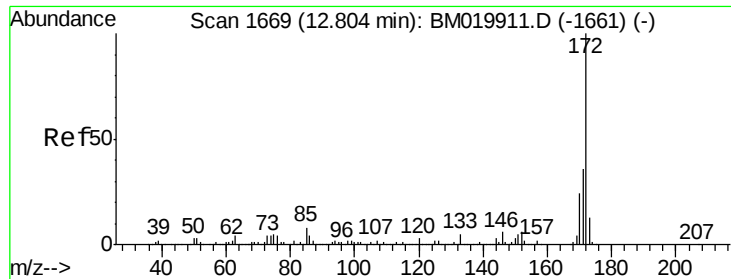
Sohil
 4/22/2019 2:53:12 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.614 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203477		
198	97.5	77.8	116.8	
97	60.4	46.2	69.2	
132	32.1	22.7	34.1	





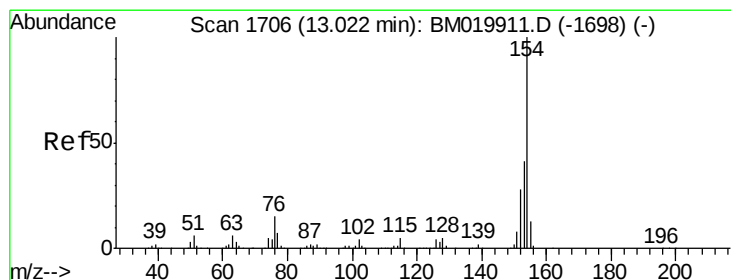
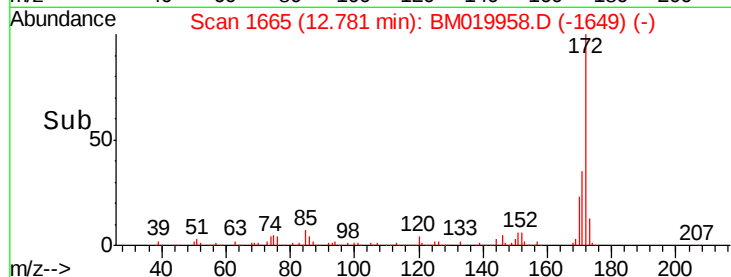
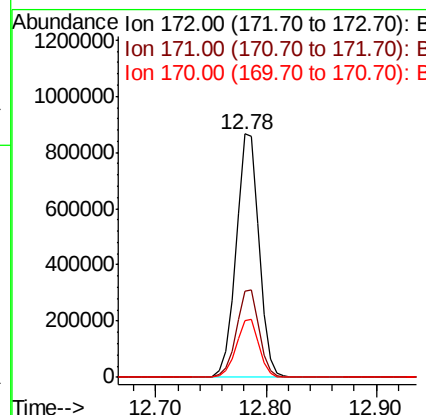
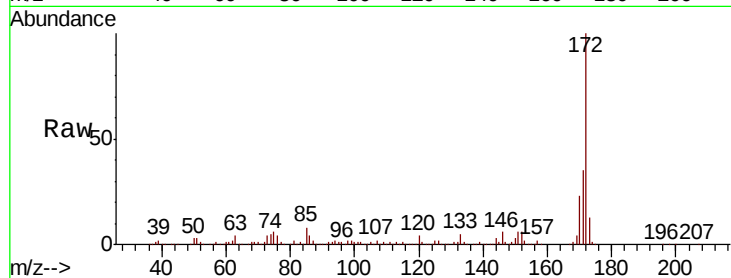
#45
 2-Fluorobiphenyl
 Concen: 74.779 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampled :
 PB119018BS

Tot	Ion:172	Resp:	1257199
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.4	19.0	28.4

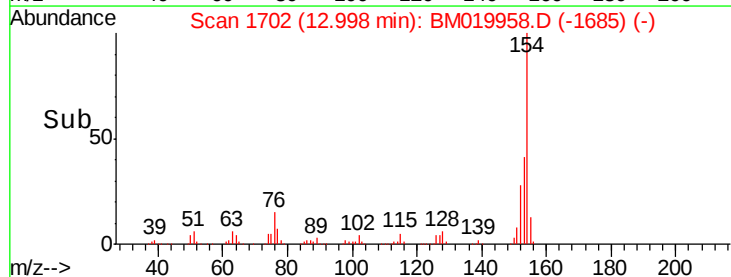
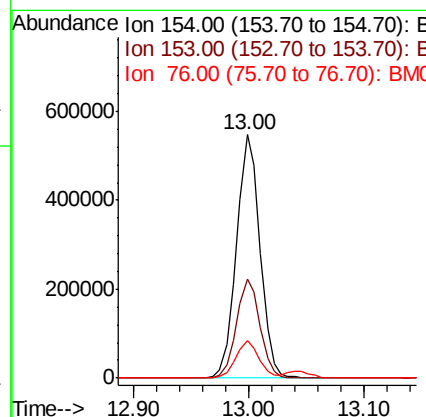
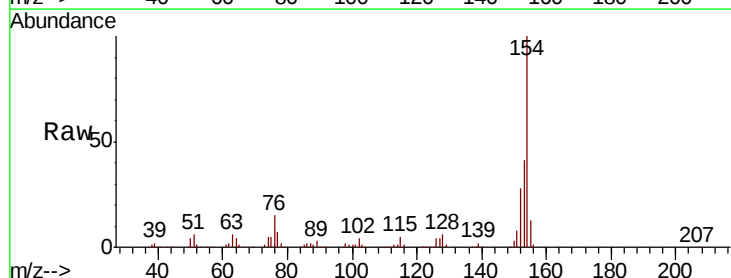
Manual Integrations
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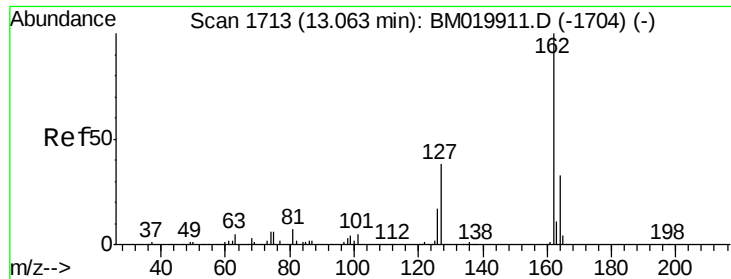
Sohil
 4/22/2019 2:53:12 AM



#46
 1,1'-Biphenyl
 Concen: 42.483 ng
 RT: 13.00 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	154	Resp: Lower	770945 Upper
	Ratio		
154	100		
153	40.8	21.0	61.0
76	15.4	0.0	34.8





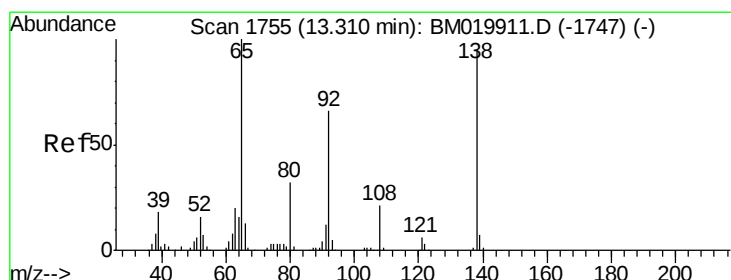
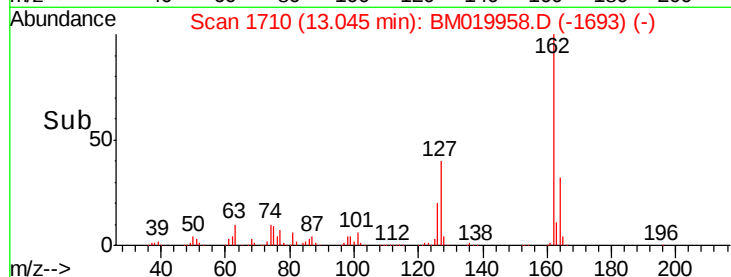
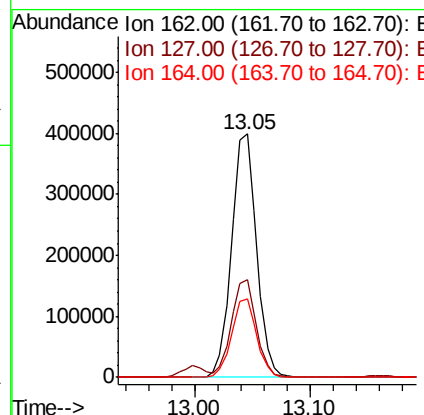
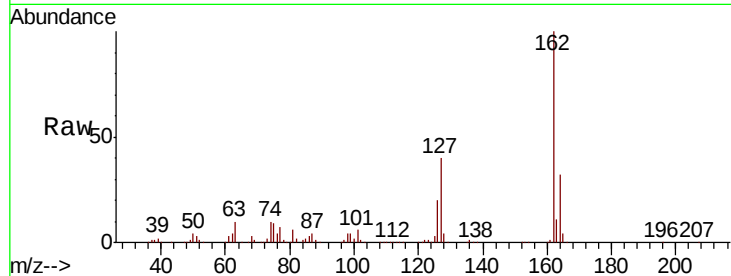
#47
2-Chloronaphthalene
Concen: 43.190 ng
RT: 13.05 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampled :
PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	597850		
127	39.9		32.3	48.5
164	32.2		26.3	39.5

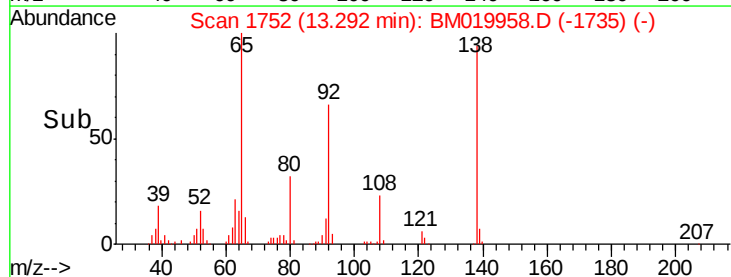
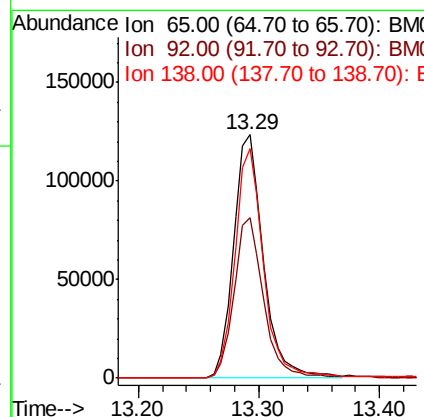
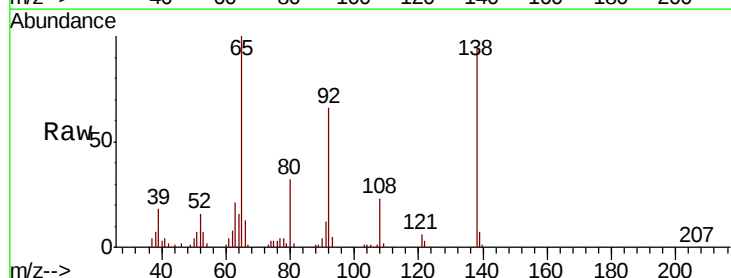
Manual Integrations
APPROVED

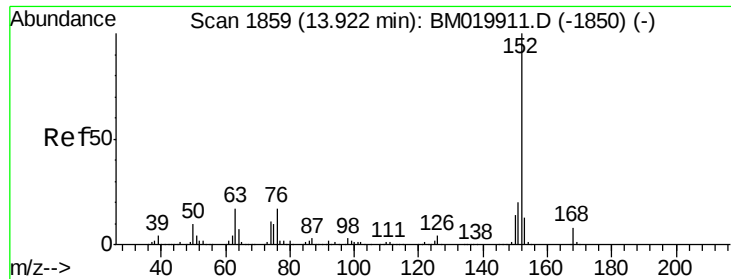
Sohil
4/22/2019 2:53:12 AM



#48
2-Nitroaniline
Concen: 42.536 ng
RT: 13.29 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	212231		
92	65.8		52.9	79.3
138	94.0		75.8	113.6





#49

Acenaphthylene

Concen: 40.460 ng

RT: 13.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

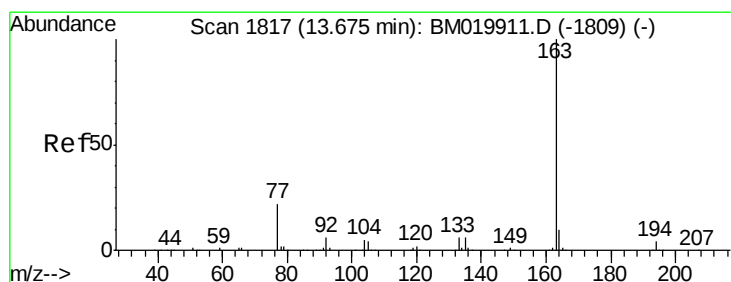
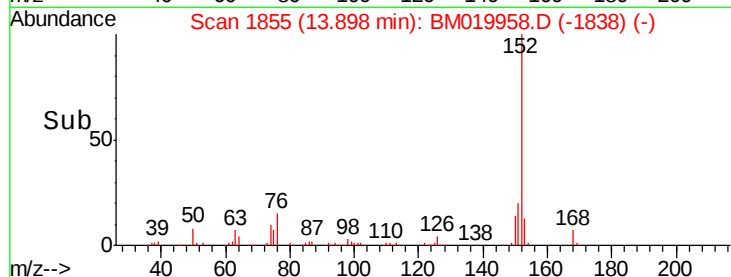
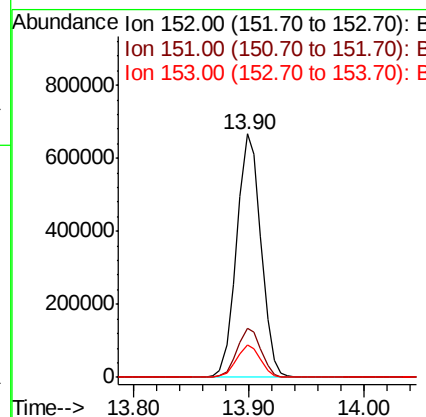
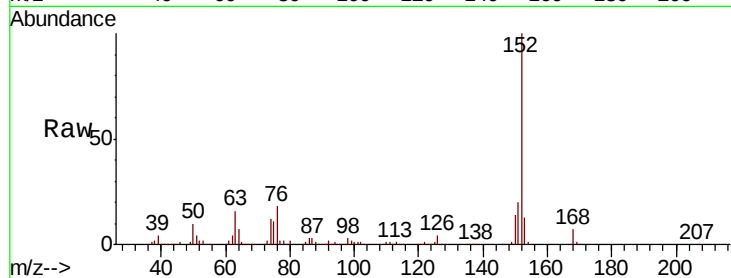
ClientSampleId :

PB119018BS

Tot Ion:	152	Resp:	974440
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.2
153	13.1	10.6	16.0

Manual Integrations
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Sohil
4/22/2019 2:53:12 AM



#50

Dimethylphthalate

Concen: 41.449 ng

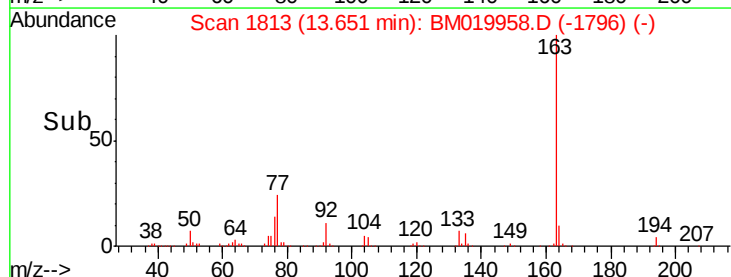
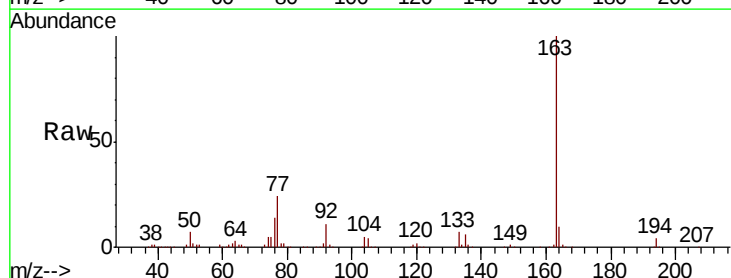
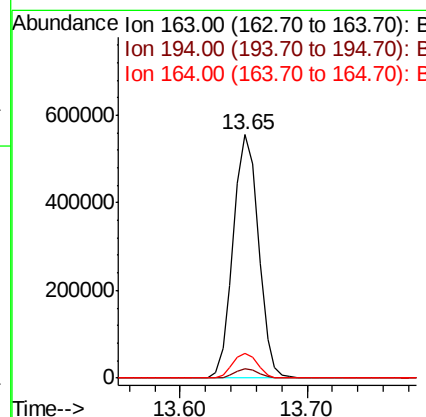
RT: 13.65 min Scan# 1813

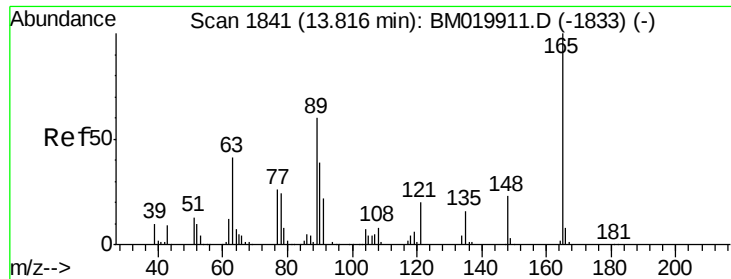
Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:	163	Resp:	766012
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.2	7.9	11.9





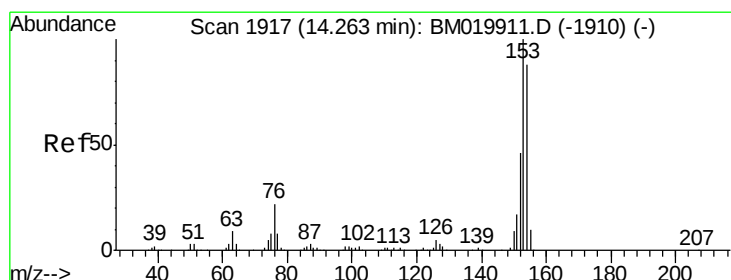
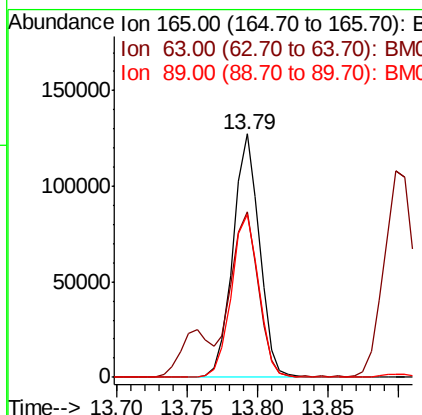
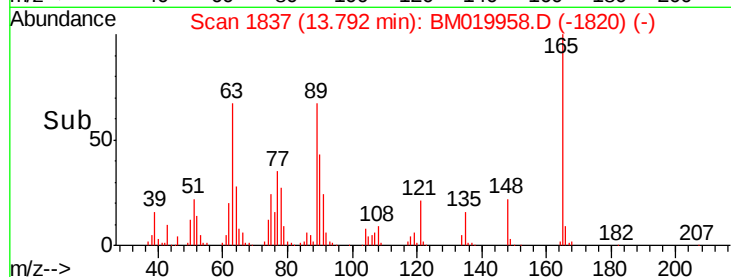
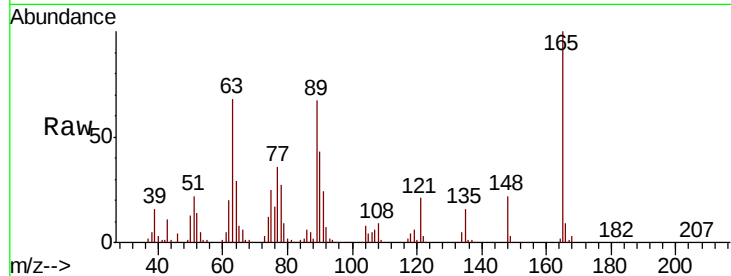
#51
2,6-Dinitrotoluene
Concen: 40.606 ng
RT: 13.79 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	165944		
63	67.8	48.5	72.7	
89	67.1	48.2	72.4	

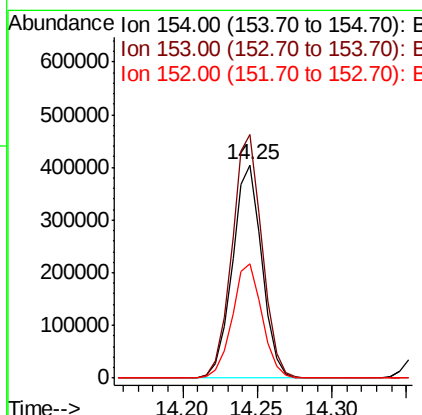
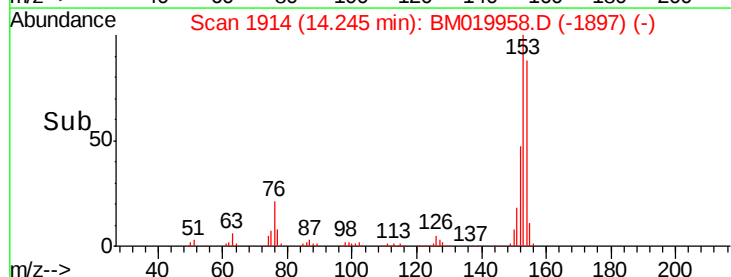
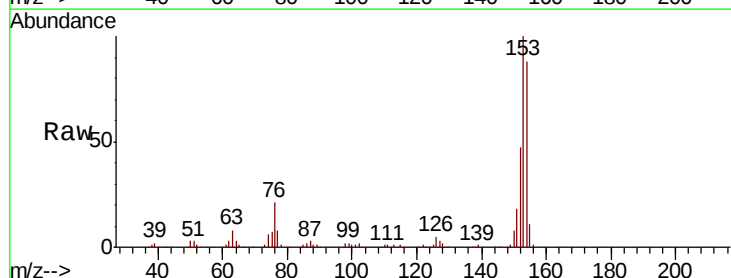
Manual Integrations
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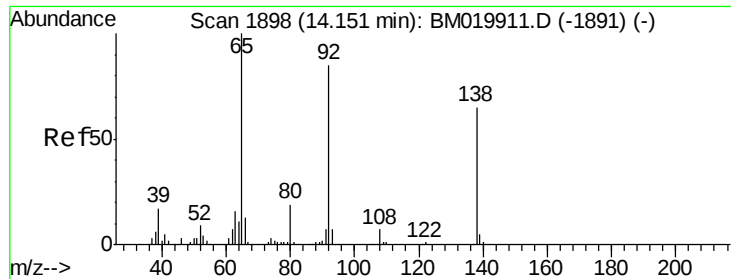
Sohil
4/22/2019 2:53:12 AM



#52
Acenaphthene
Concen: 41.774 ng
RT: 14.25 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	557838		
153	114.2	91.0	136.4	
152	53.5	42.2	63.2	





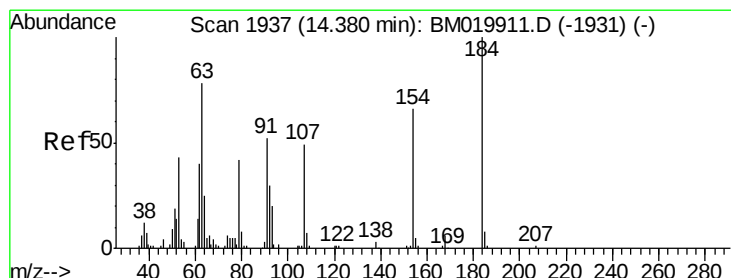
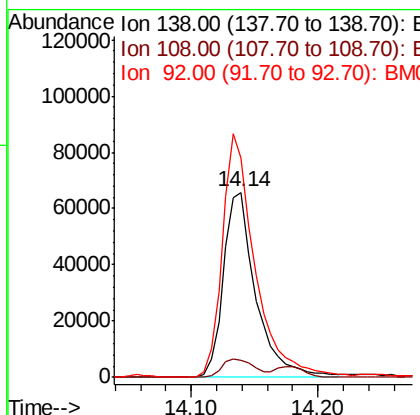
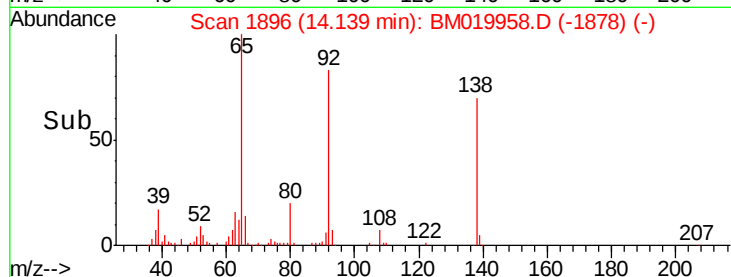
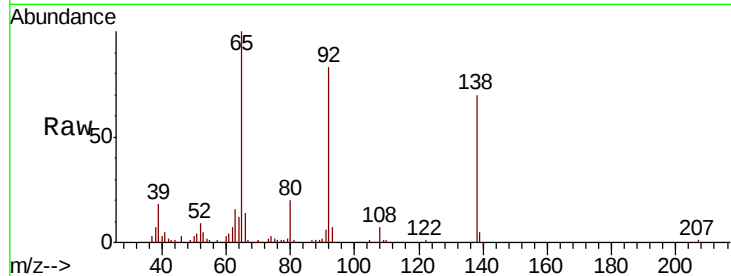
#53
3-Nitroaniline
Concen: 28.509 ng
RT: 14.14 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	116336		
108	9.5	8.9	13.3	
92	118.7	103.8	155.8	

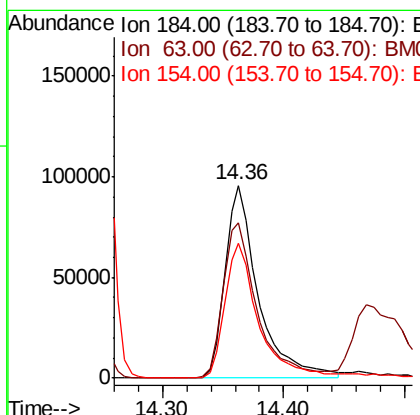
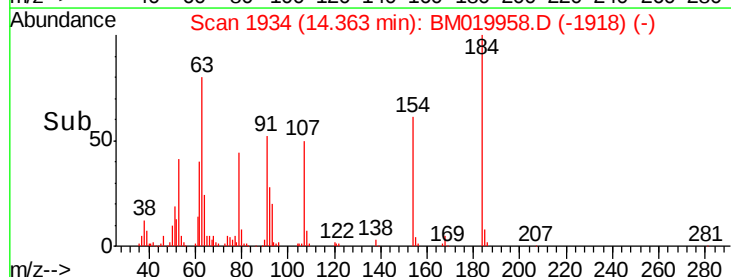
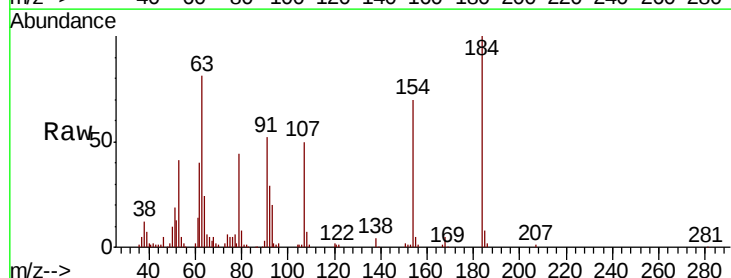
Manual Integrations
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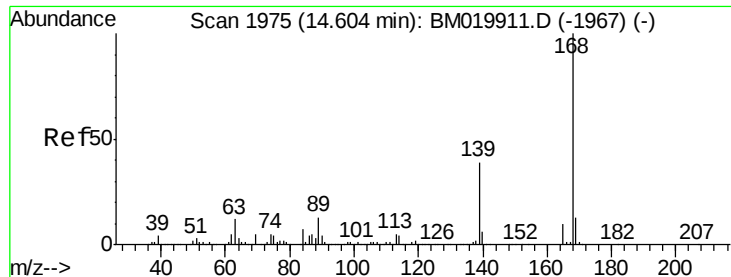
Sohil
4/22/2019 2:53:12 AM



#54
2,4-Dinitrophenol
Concen: 75.256 ng
RT: 14.36 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	182460		
63	80.5	62.3	93.5	
154	70.1	53.0	79.6	





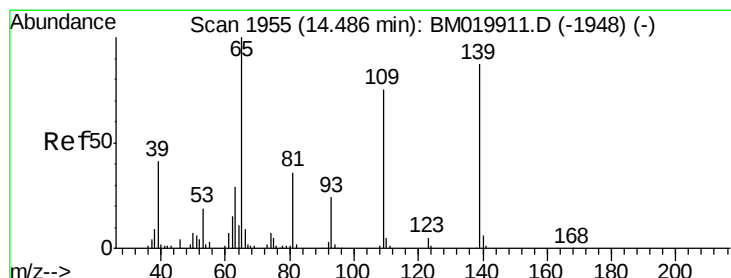
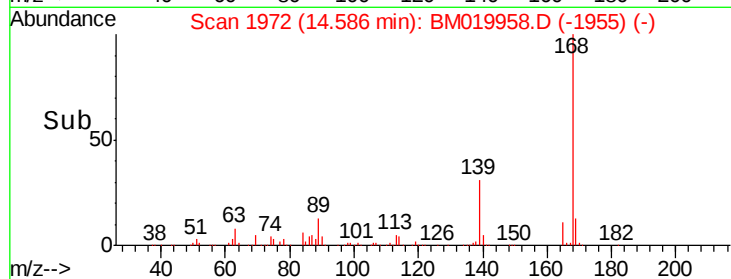
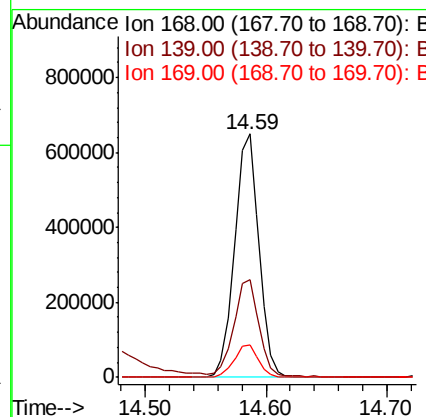
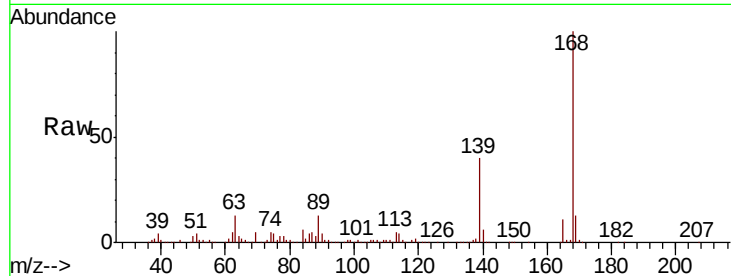
#55
Dibenzenofuran
Concen: 41.548 ng
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.5	47.3
169	13.1	10.6	16.0

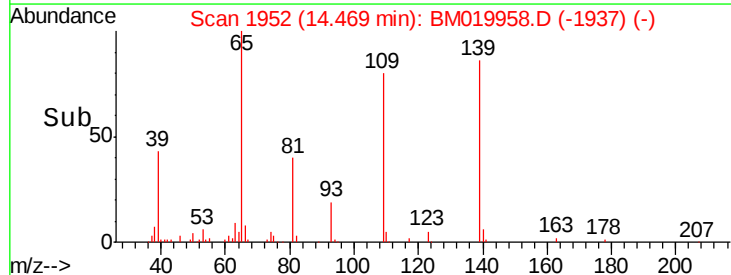
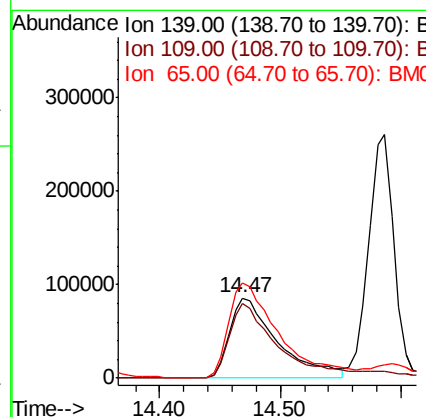
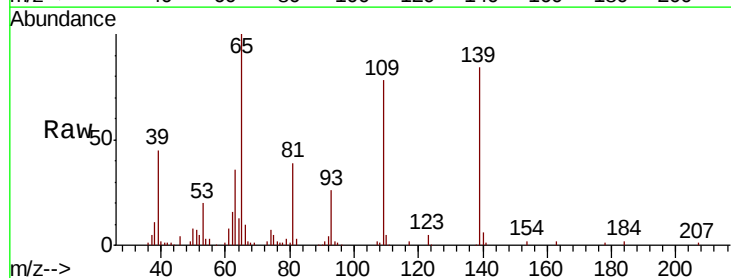
Manual Integrations
APPROVED

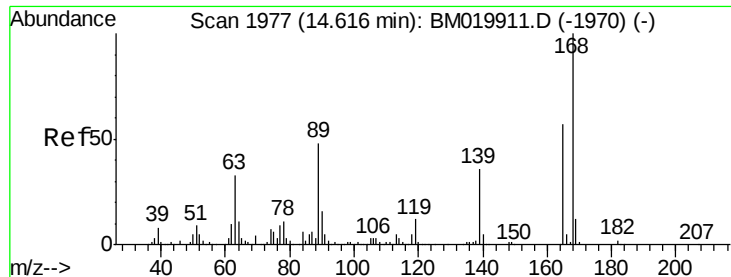
Sohil
4/22/2019 2:53:12 AM



#56
4-Nitrophenol
Concen: 73.847 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.6	65.3	105.3
65	118.8	94.9	134.9





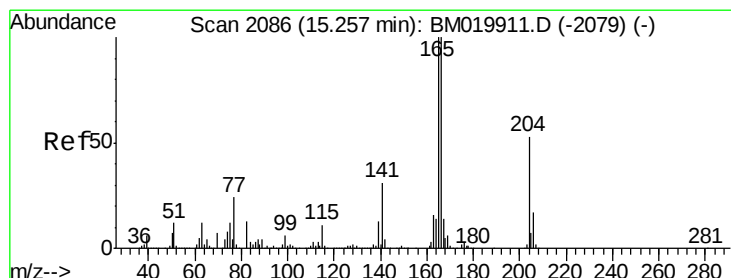
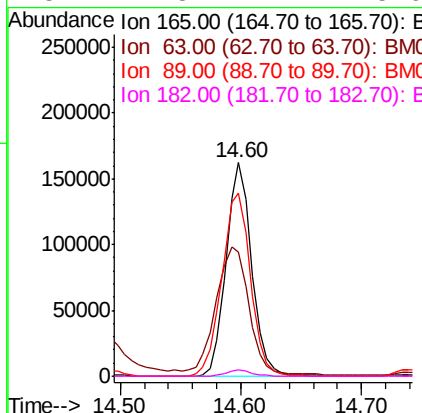
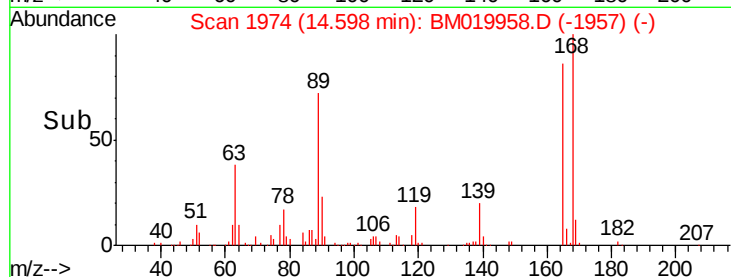
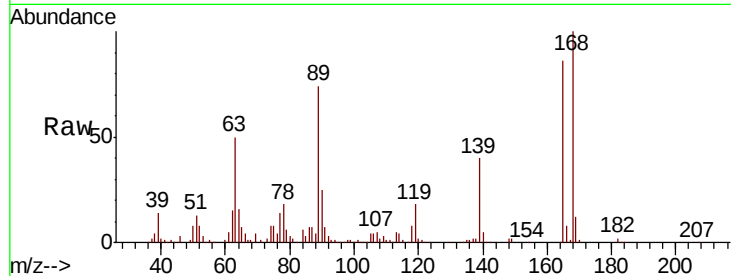
#57
2,4-Dinitrotoluene
Concen: 40.486 ng
RT: 14.60 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	237832		
63	58.2	46.0	69.0	
89	85.8	67.5	101.3	
182	2.8	2.4	3.6	

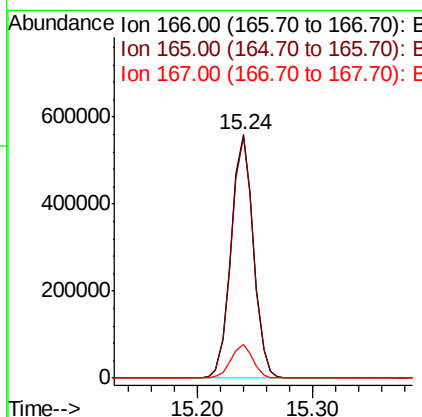
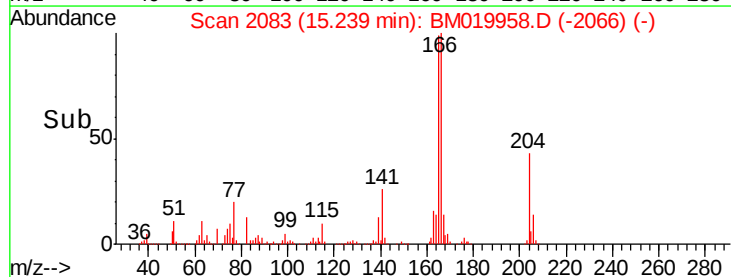
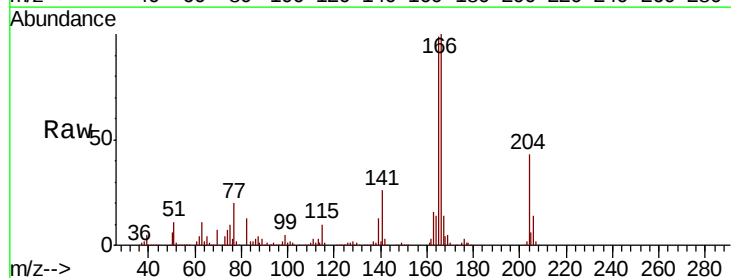
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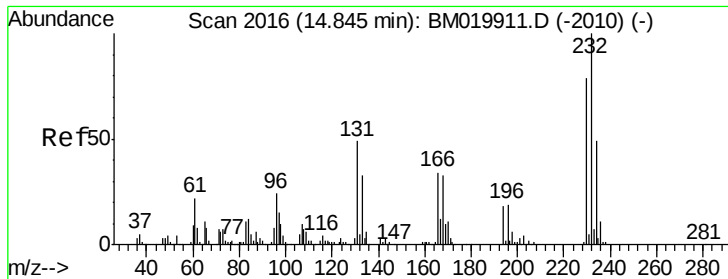
Sohil
4/22/2019 2:53:12 AM



#58
Fluorene
Concen: 40.237 ng
RT: 15.24 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	744520		
165	99.2	80.1	120.1	
167	13.6	11.0	16.4	





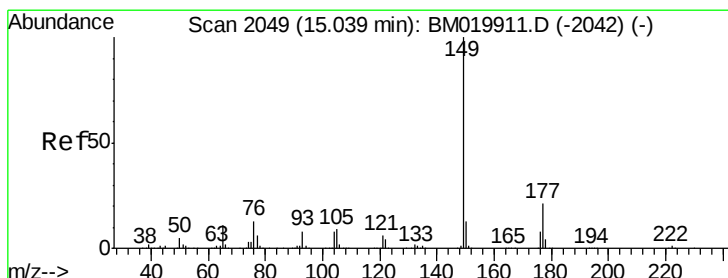
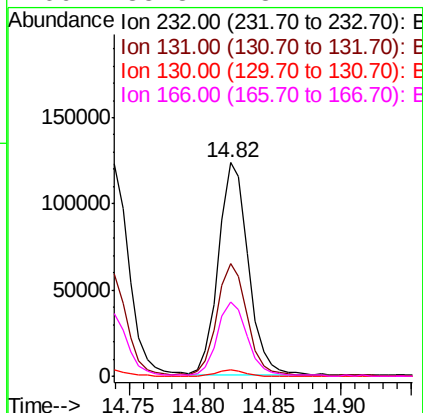
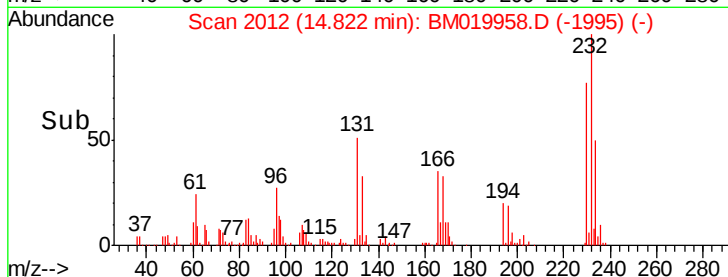
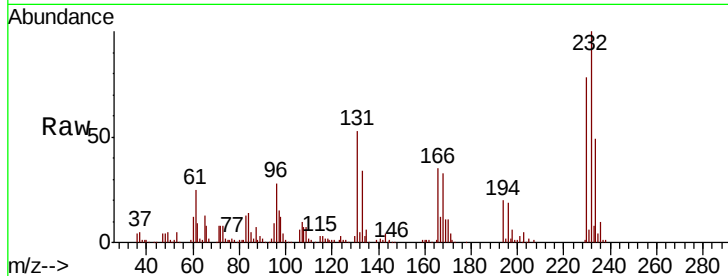
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.613 ng
 RT: 14.82 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 PB119018BS

Tot Ion:	232	Resp:	181497
Ion Ratio	Lower	Upper	
232	100		
131	52.9	42.1	63.1
130	2.9	2.2	3.4
166	35.8	28.1	42.1

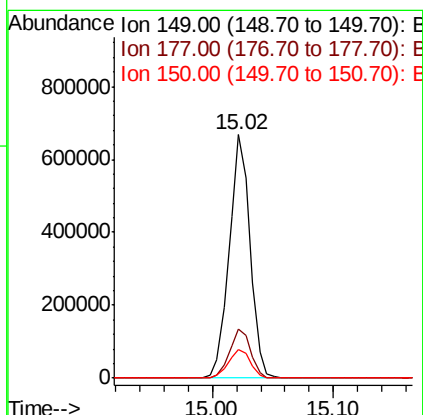
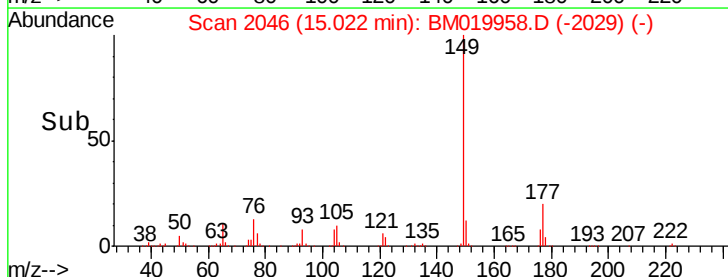
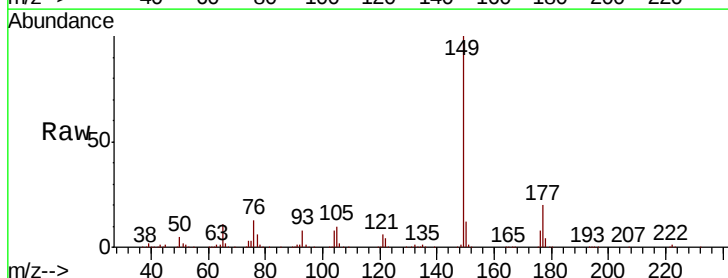
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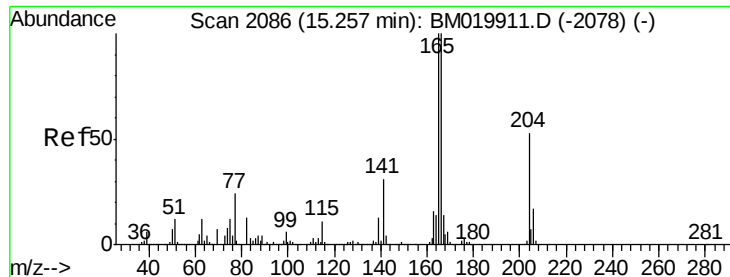
Sohil
 4/22/2019 2:53:12 AM



#60
 Diethylphthalate
 Concen: 41.684 ng
 RT: 15.02 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion:	149	Resp:	801212
Ion Ratio	Lower	Upper	
149	100		
177	20.3	16.6	25.0
150	12.0	10.0	15.0





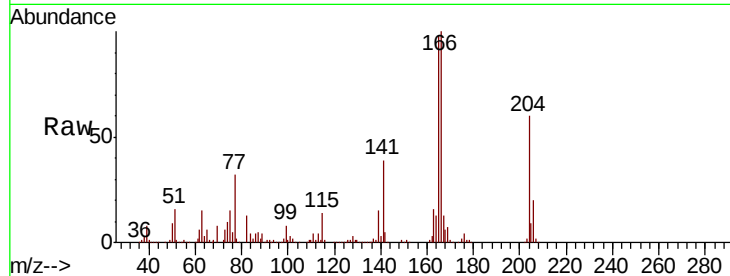
#61
4-Chlorophenyl-phenylether
Concen: 40.409 ng
RT: 15.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampled :
PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.7	25.8	38.8	
141	64.5	47.0	70.4	

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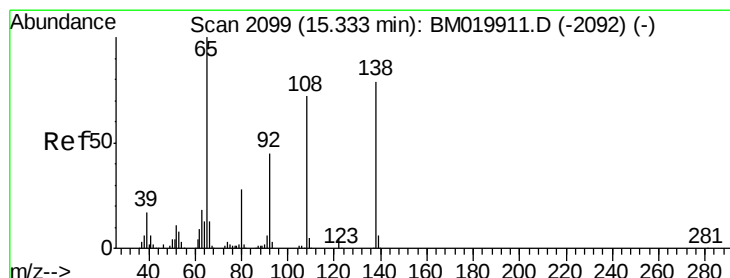
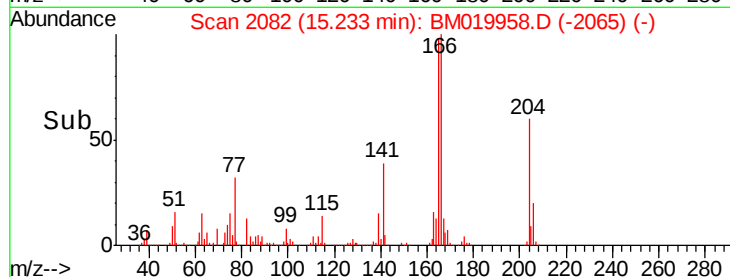
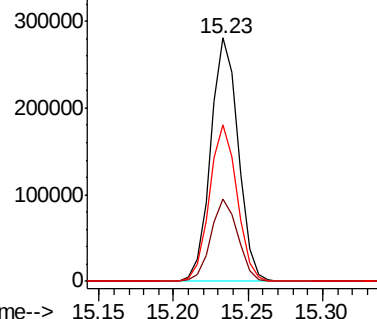


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.311 ng
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

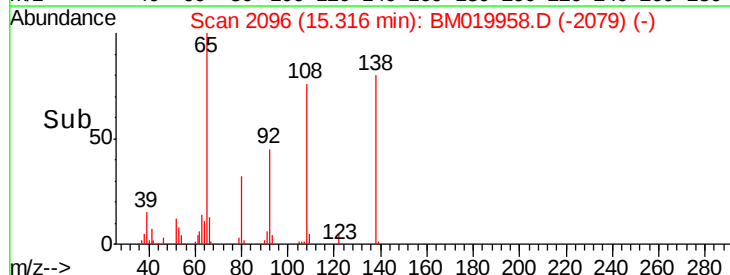
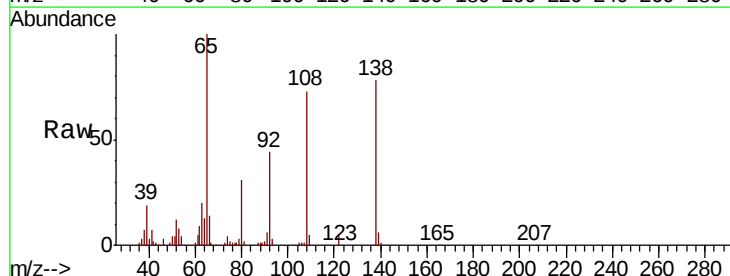
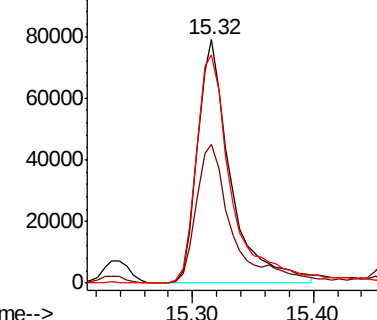
Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	57.0	36.8	76.8	
108	94.0	71.5	111.5	

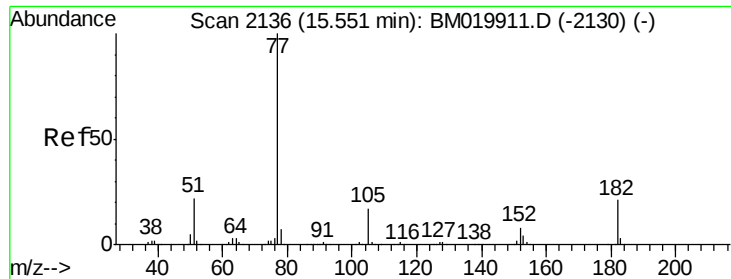
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





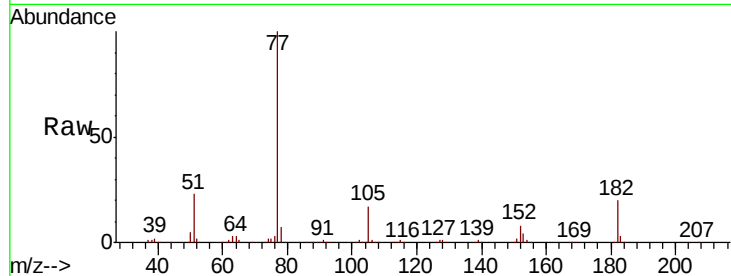
#63
Azobenzene
Concen: 42.172 ng
RT: 15.53 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.4	1.0	41.0
105	16.8	0.0	37.1
51	22.9	2.1	42.1

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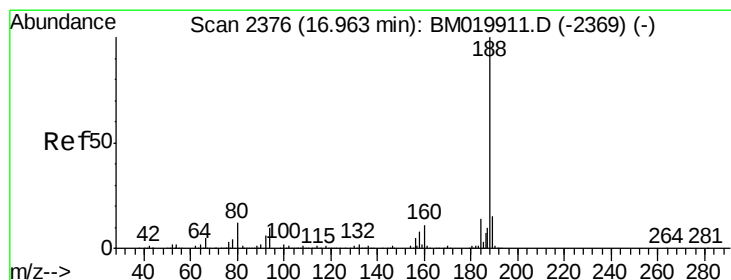
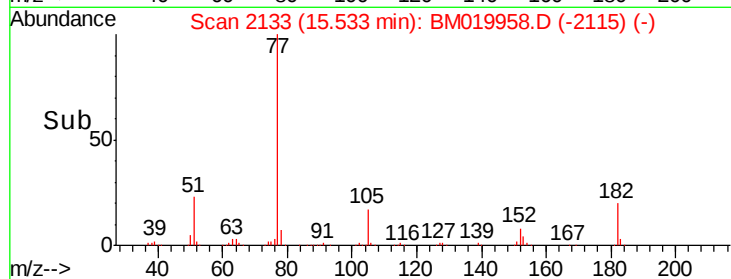
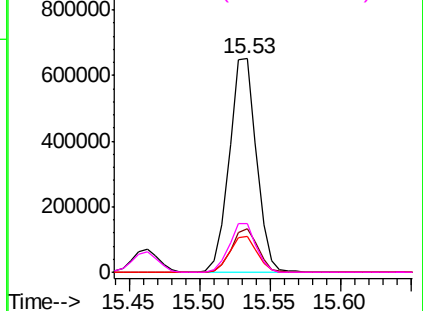


Abundance Ion 77.00 (76.70 to 77.70): BM019958.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM019958.D (-2130) (-)

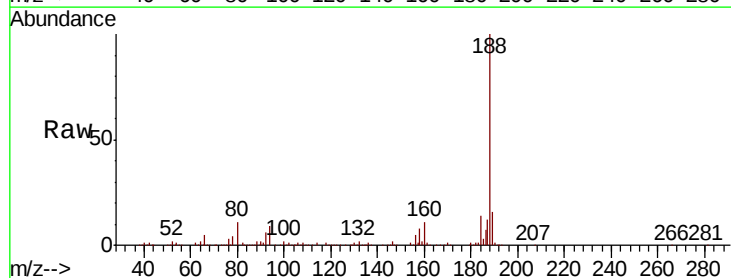
Ion 105.00 (104.70 to 105.70): BM019958.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM019958.D (-2130) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

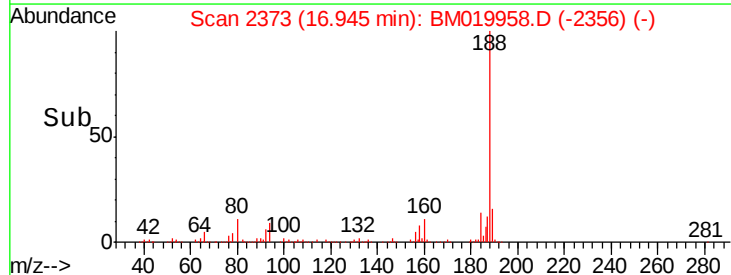
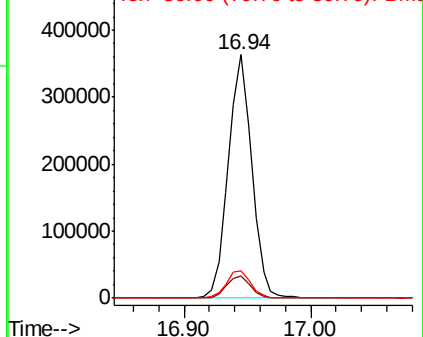
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	11.3	9.4	14.0

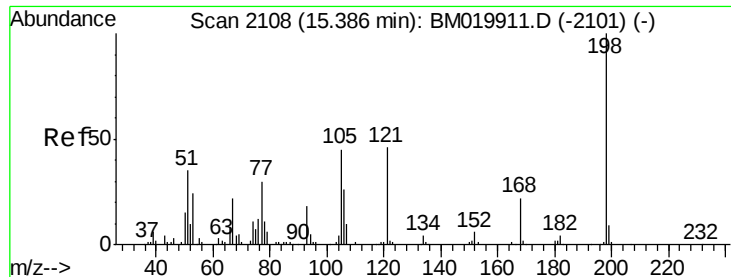


Abundance Ion 188.00 (187.70 to 188.70): BM019958.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM019958.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM019958.D (-2356) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 37.922 ng

RT: 15.37 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

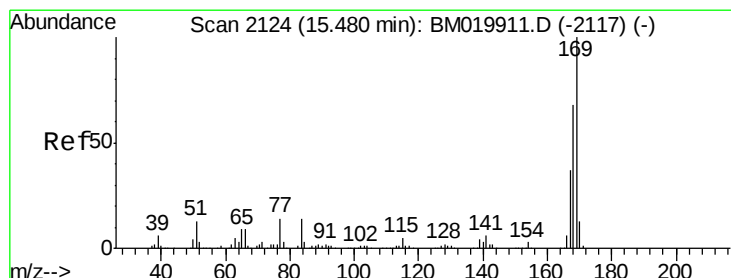
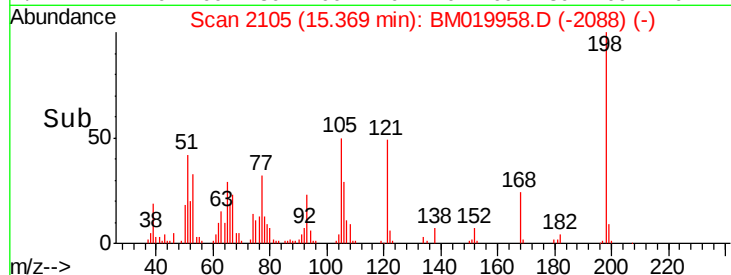
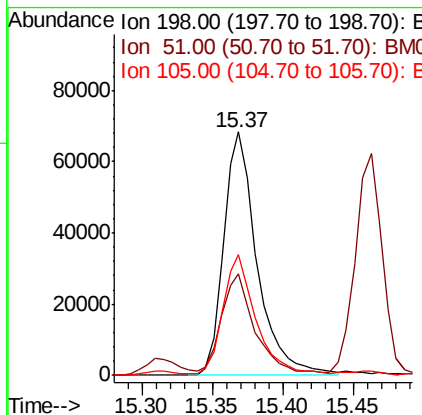
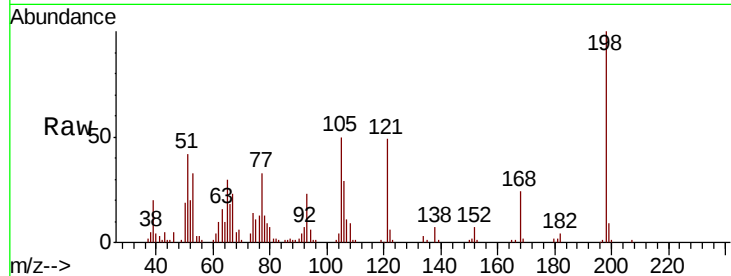
ClientSampleId :

PB119018BS

Tot Ion:	198	Resp:	112531
Ion Ratio	Lower	Upper	
198	100		
51	41.8	17.9	57.9
105	49.5	26.1	66.1

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#66

n-Nitrosodiphenylamine

Concen: 41.514 ng

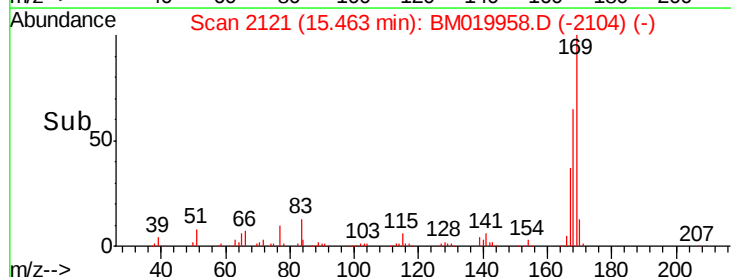
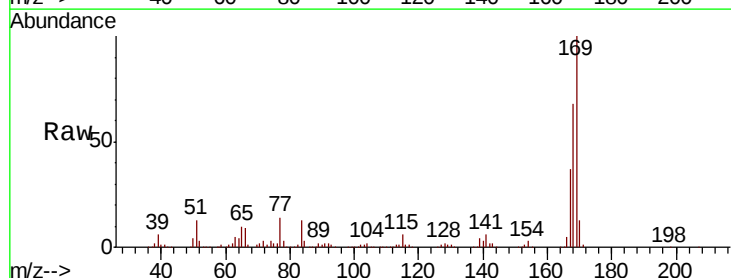
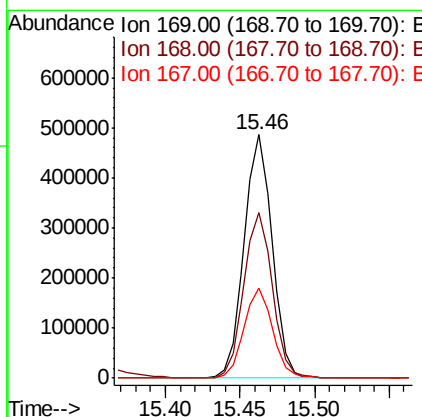
RT: 15.46 min Scan# 2121

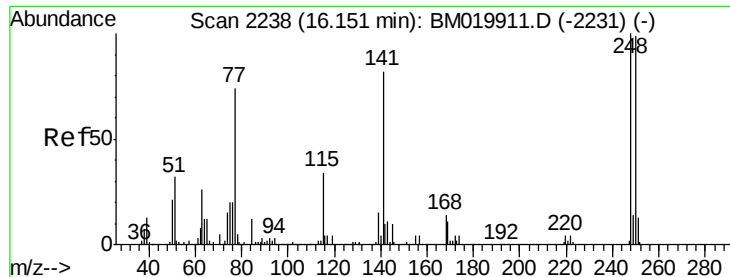
Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:	169	Resp:	631216
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.7	82.1
167	36.8	29.4	44.0





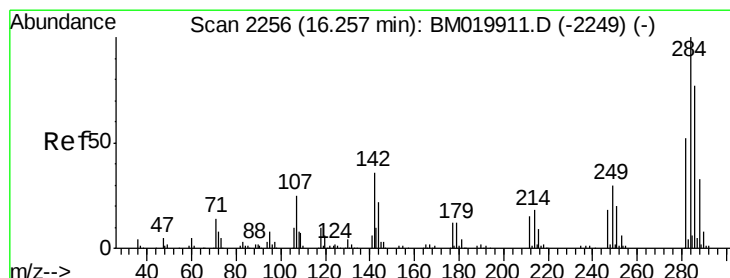
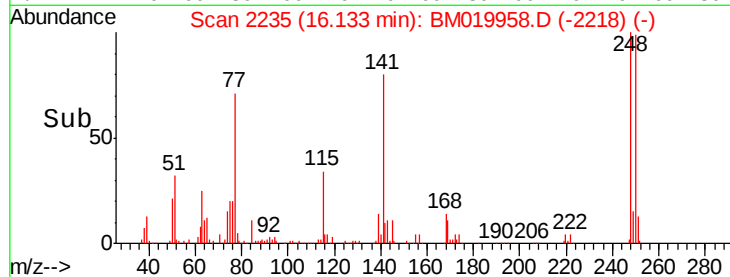
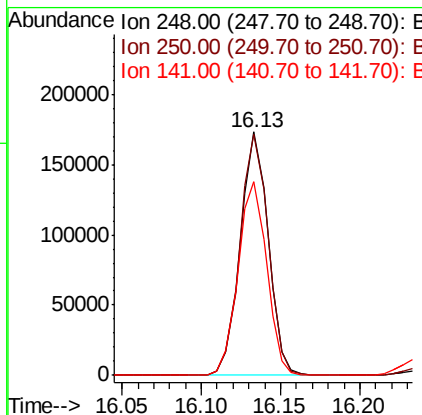
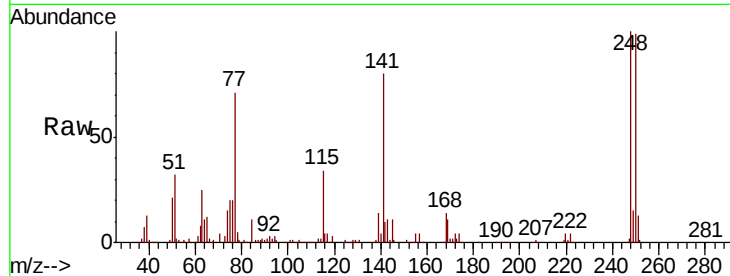
#67
 4-Bromophenyl-phenylether
 Concen: 39.670 ng
 RT: 16.13 min Scan# 2235
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 PB119018BS

Tot Ion:	248	Resp:	212122
Ion Ratio	Lower	Upper	
248	100		
250	98.8	78.9	118.3
141	79.6	65.6	98.4

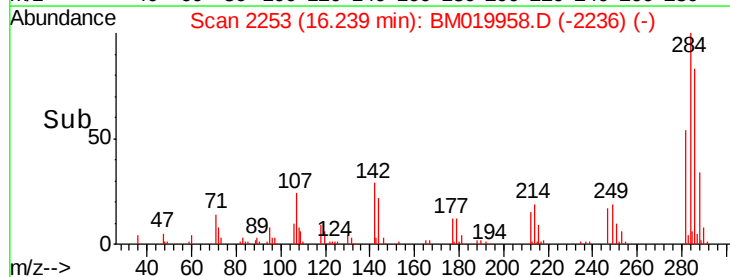
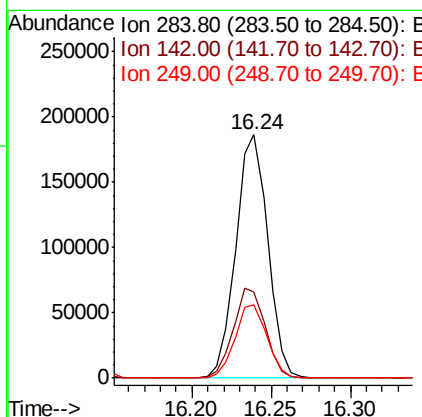
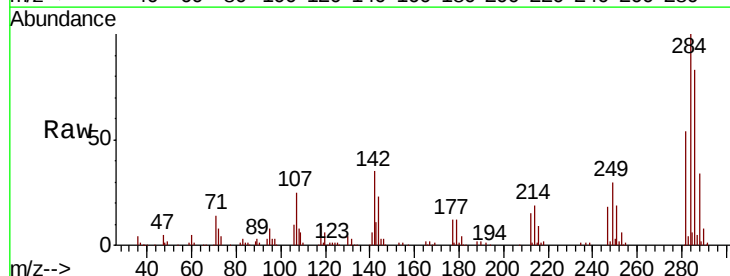
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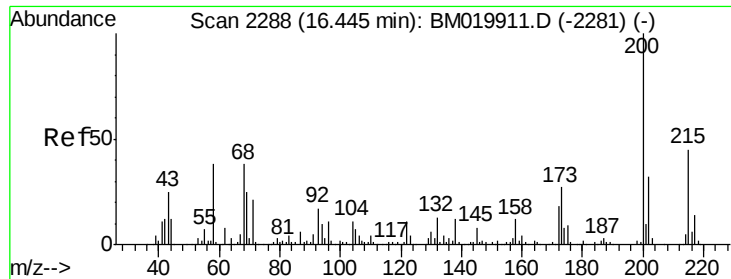
Sohil
 4/22/2019 2:53:12 AM



#68
 Hexachlorobenzene
 Concen: 40.523 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion:	284	Resp:	259997
Ion Ratio	Lower	Upper	
284	100		
142	35.2	28.9	43.3
249	30.2	23.8	35.6





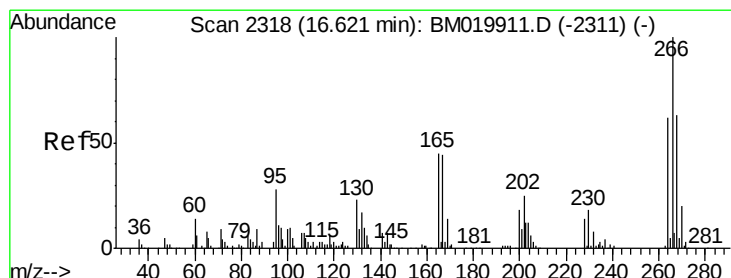
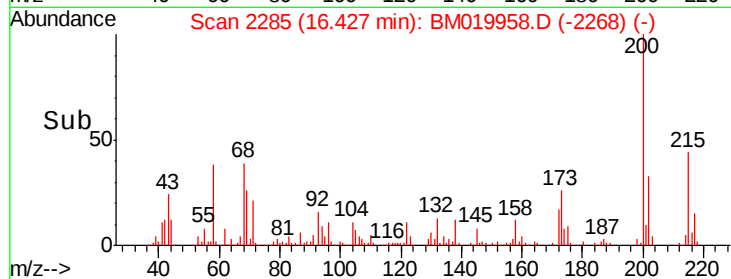
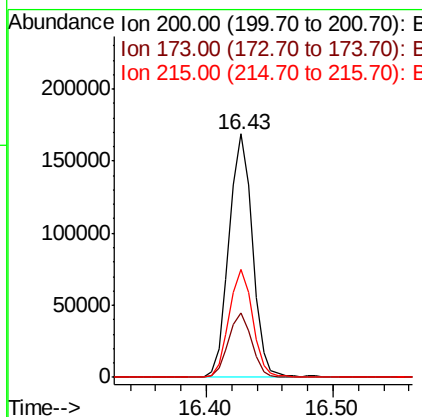
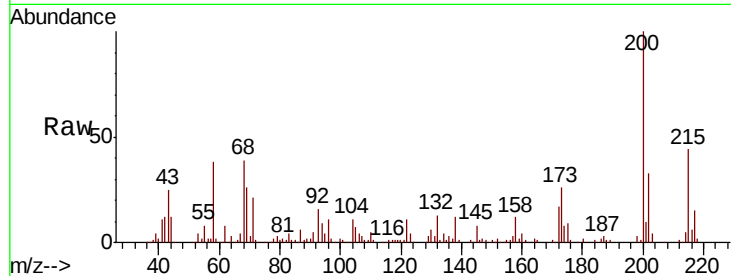
#69
 Atrazine
 Concen: 42.017 ng
 RT: 16.43 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 PB119018BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	216881		
173	26.4	7.2	47.2	
215	44.3	25.4	65.4	

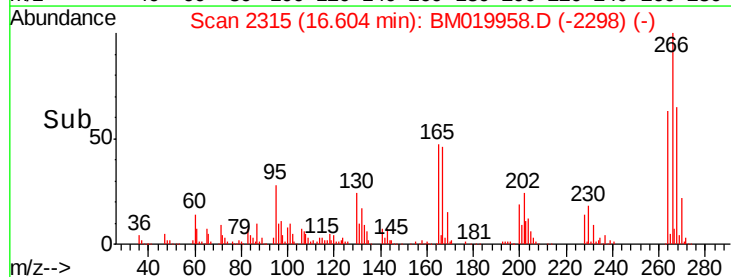
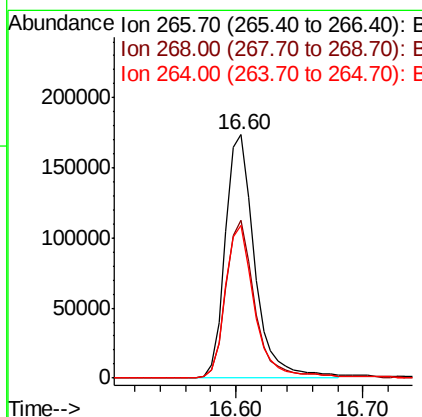
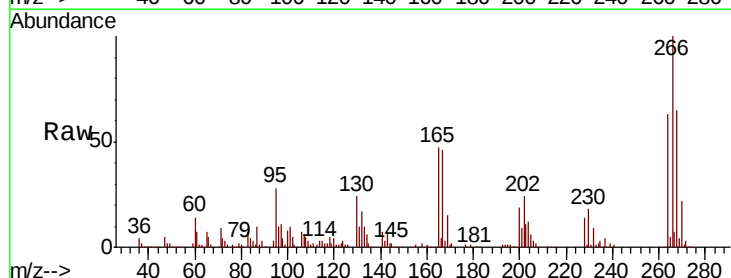
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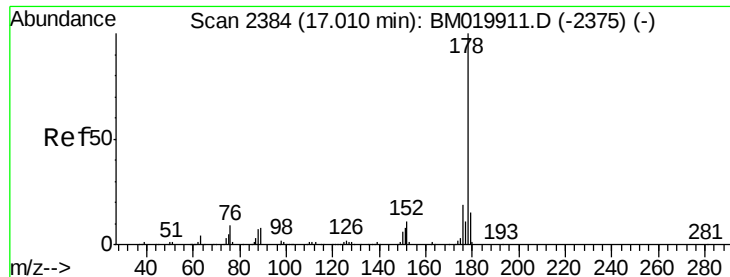
Sohil
 4/22/2019 2:53:12 AM



#70
 Pentachlorophenol
 Concen: 85.247 ng
 RT: 16.60 min Scan# 2315
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	279461		
268	64.9	50.3	75.5	
264	62.9	49.8	74.8	





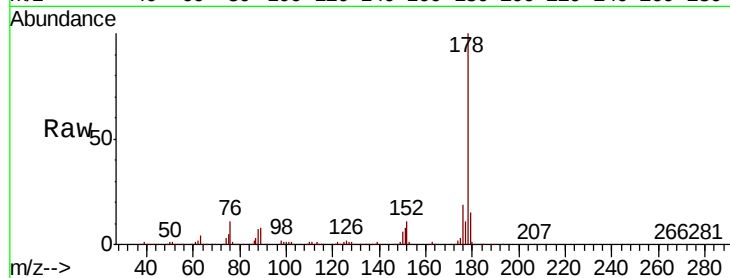
#71
Phenanthrene
Concen: 40.716 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	14.9	12.2	18.4

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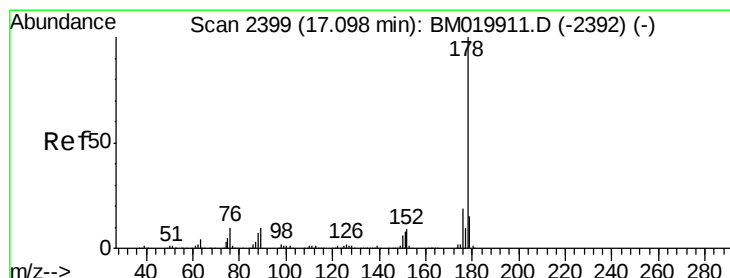
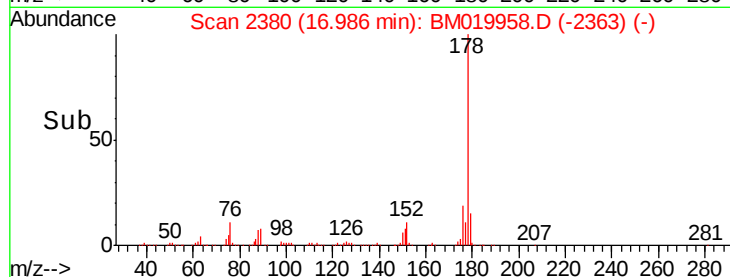
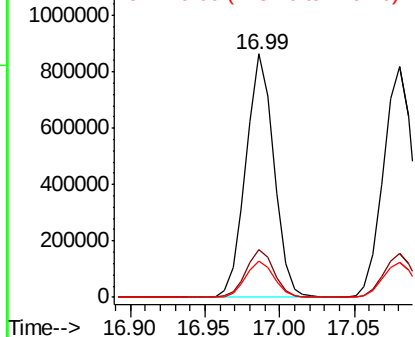


Abundance

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: 41.820 ng
RT: 17.08 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

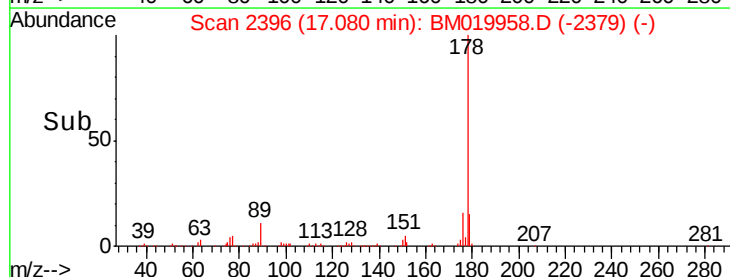
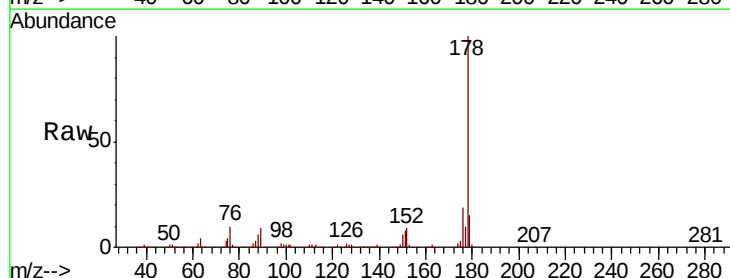
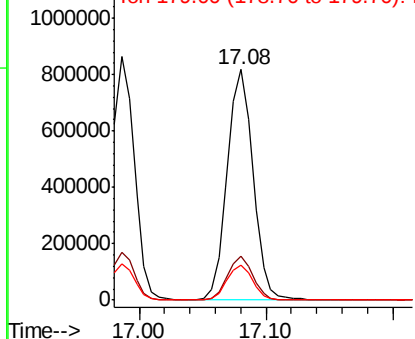
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.4	12.2	18.4

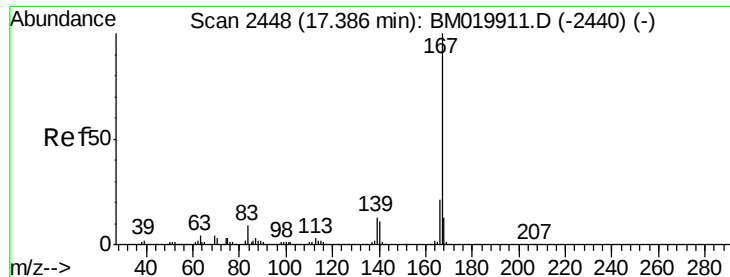
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





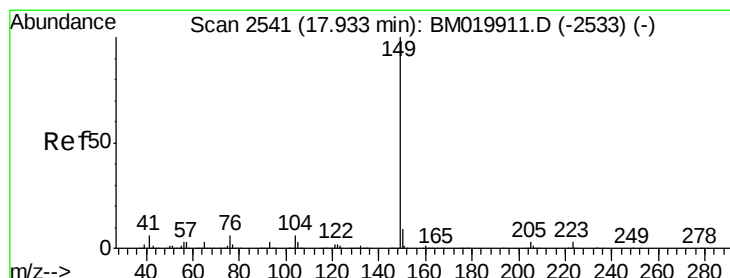
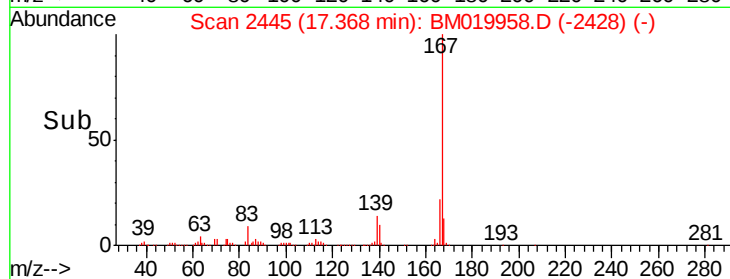
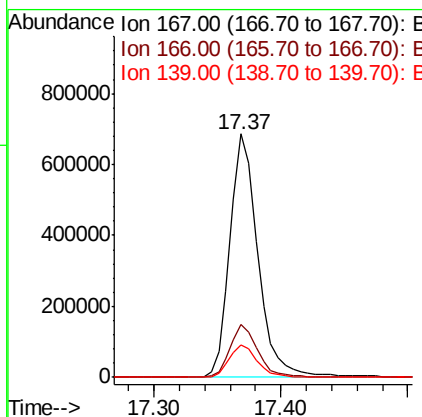
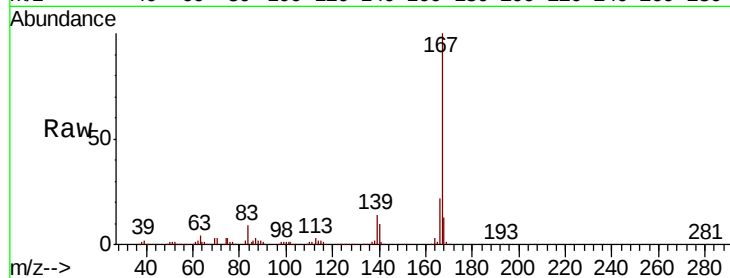
#73
 Carbazole
 Concen: 40.893 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 PB119018BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.5	10.7	16.1

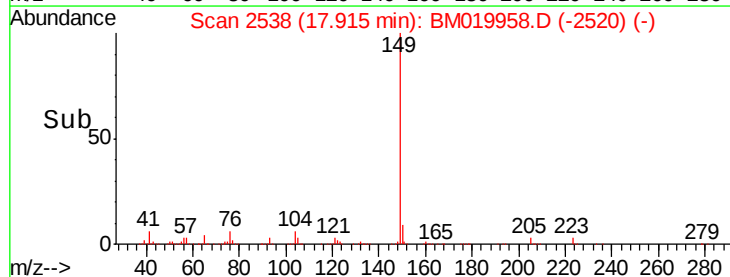
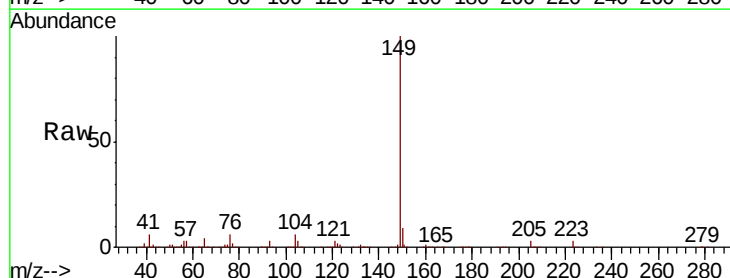
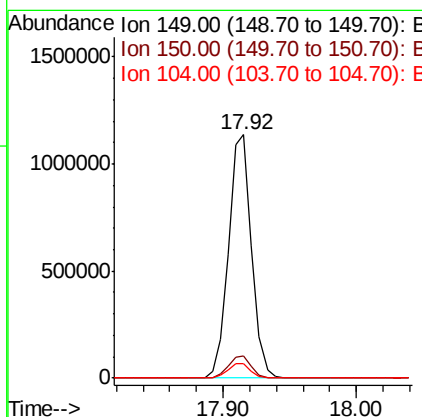
Manual Integrations
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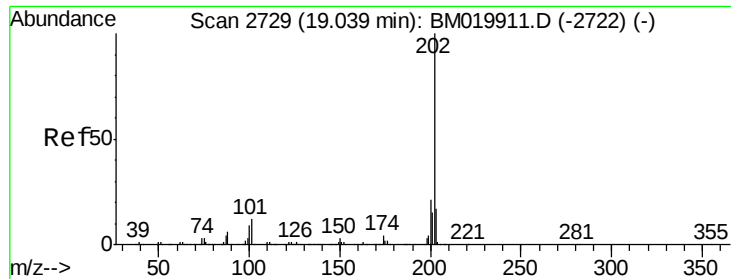
Sohil
 4/22/2019 2:53:12 AM



#74
 Di-n-butylphthalate
 Concen: 40.825 ng
 RT: 17.92 min Scan# 2538
 Delta R.T. 0.01 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	5.8	4.6	7.0





#75

Fluoranthene

Concen: 41.189 ng

RT: 19.02 min Scan# 2726

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB119018BS

Tot Ion:202 Resp: 1308272

Ion Ratio Lower Upper

202 100

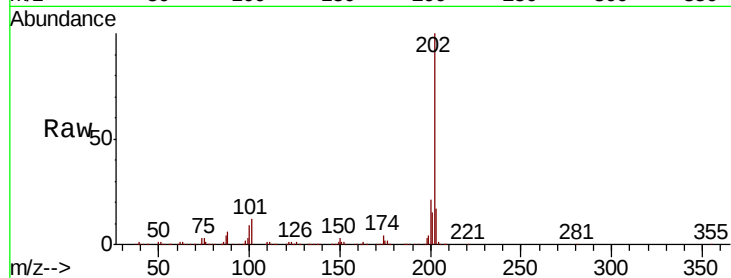
101 11.6 0.0 31.7

203 17.0 0.0 37.4

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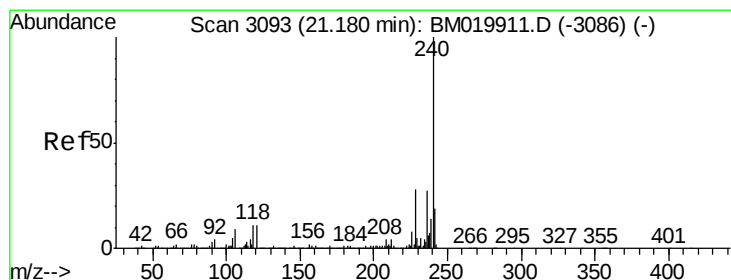
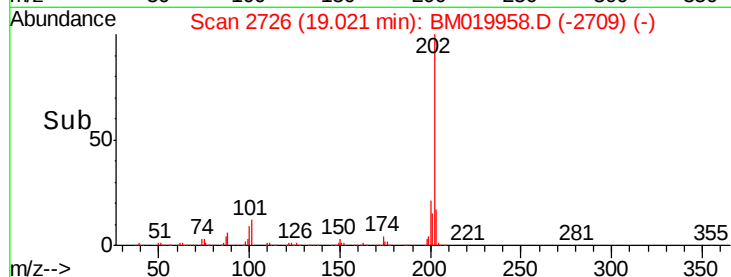
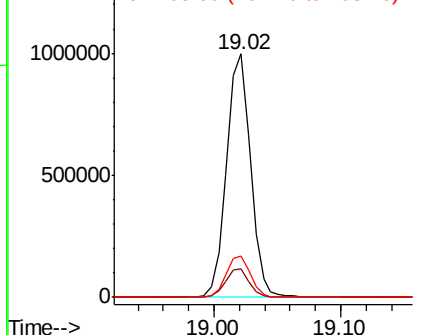


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

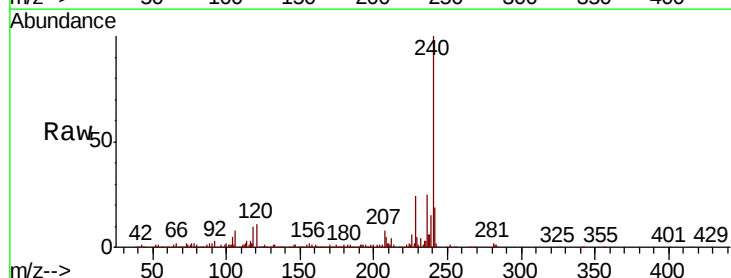
Tgt Ion:240 Resp: 525073

Ion Ratio Lower Upper

240 100

120 10.7 8.6 13.0

236 25.4 21.4 32.2

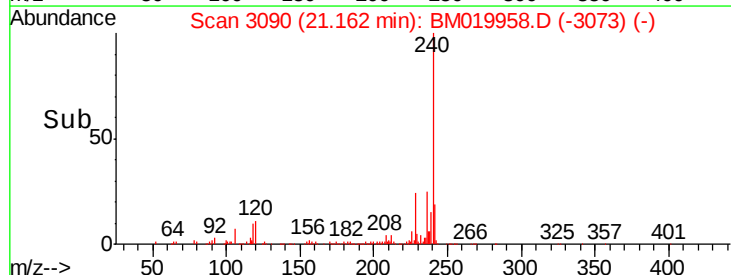
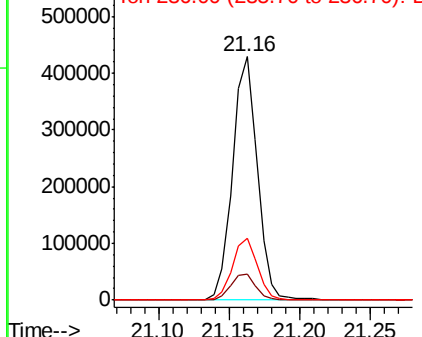


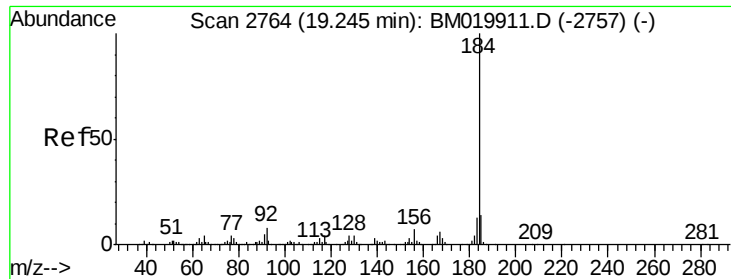
Abundance

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: 30.262 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

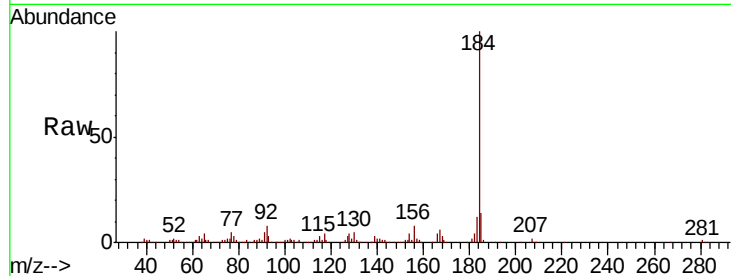
ClientSampleId :

PB119018BS

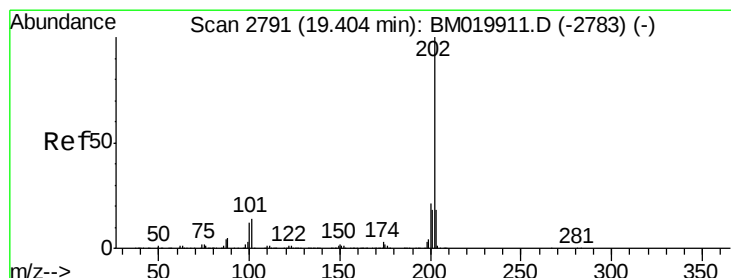
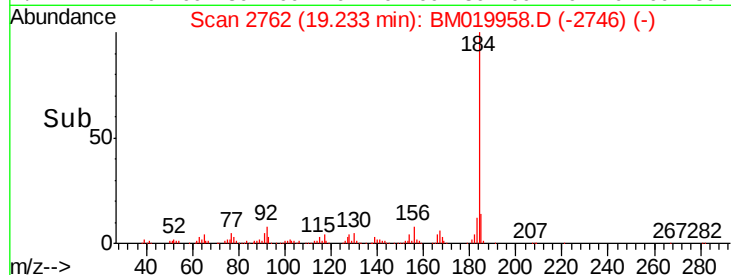
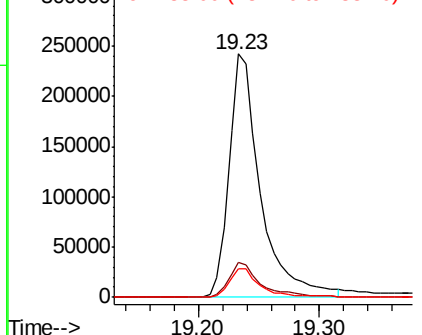
Tot Ion:	184	Resp:	438421
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.0	16.6
183	11.7	10.1	15.1

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



#78

Pyrene

Concen: 38.612 ng

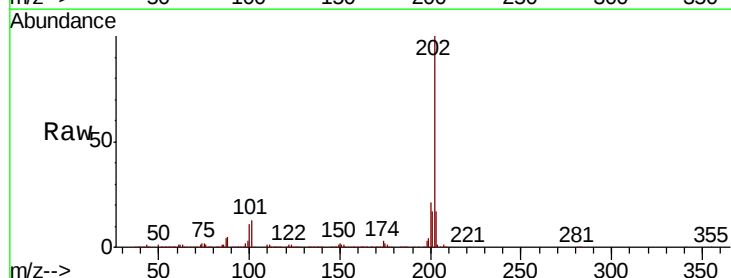
RT: 19.39 min Scan# 2788

Delta R.T. 0.00 min

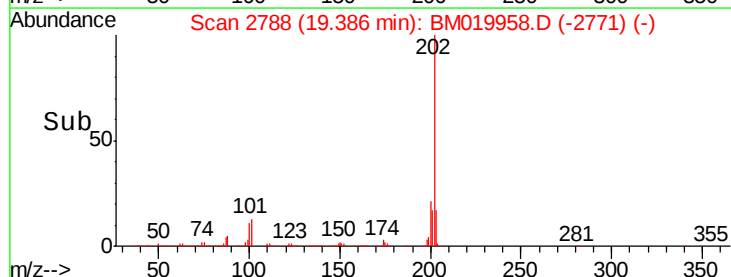
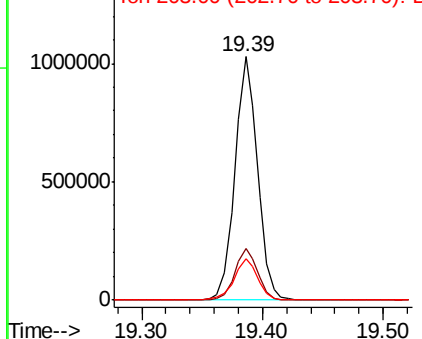
Lab File: BM019958.D

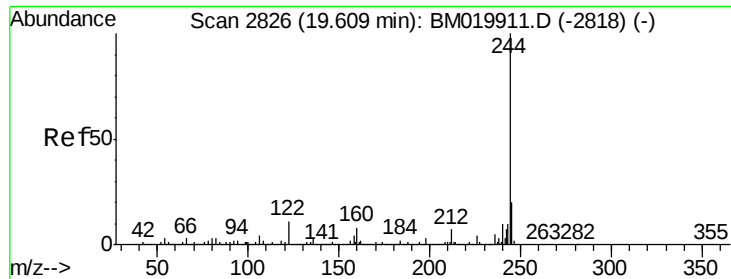
Acq: 18 Apr 2019 17:53

Tgt Ion:	202	Resp:	1342618
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.4
203	17.1	14.0	21.0



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





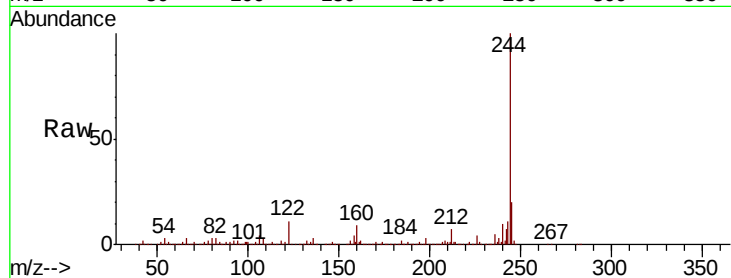
#79
 Terphenyl-d14
 Concen: 68.322 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. 0.00 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 PB119018BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	10.6	9.1	13.7

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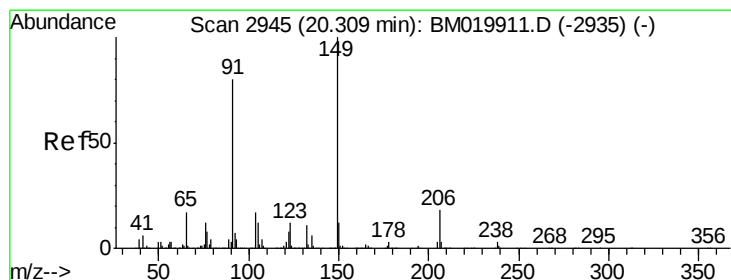
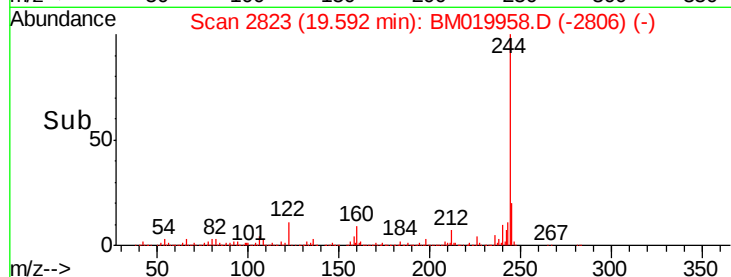
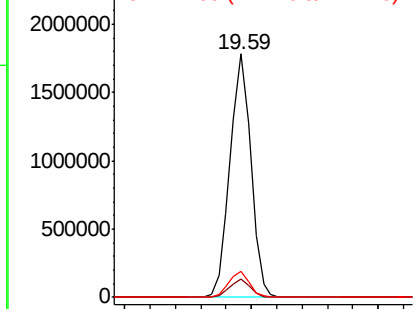


Abundance

Ion 244.00 (243.70 to 244.70): E

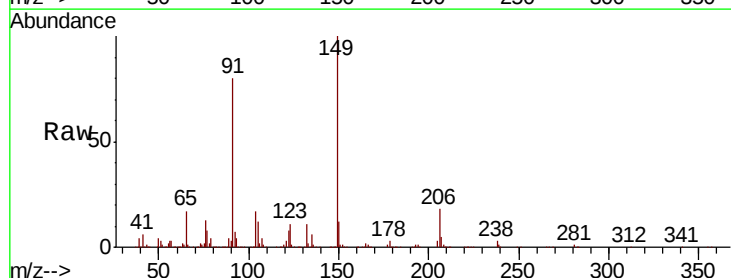
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 39.219 ng
 RT: 20.29 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.8	63.7	95.5
206	18.0	14.6	21.8

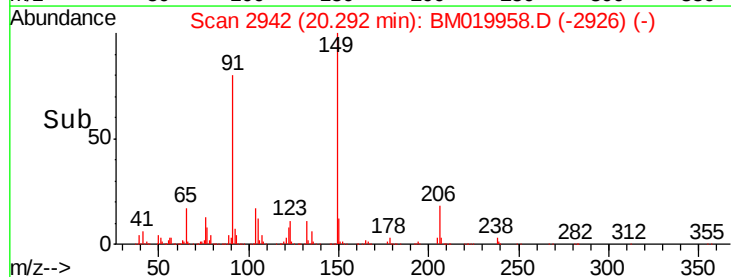
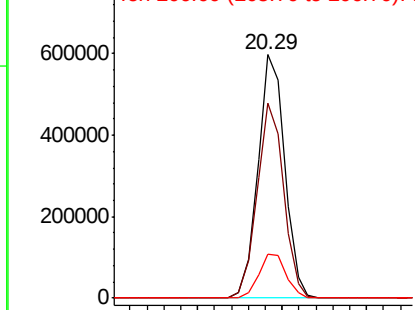


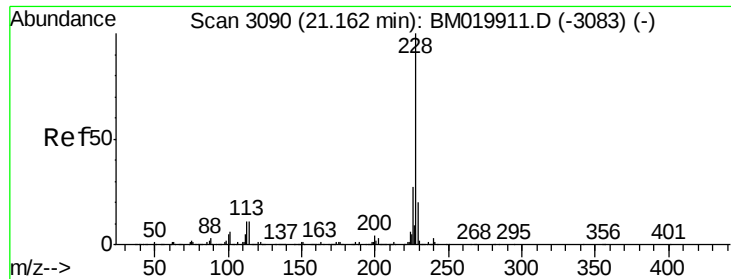
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.320 ng

RT: 21.14 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

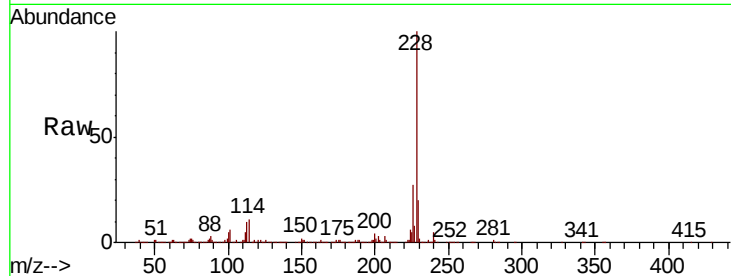
ClientSampleId :

PB119018BS

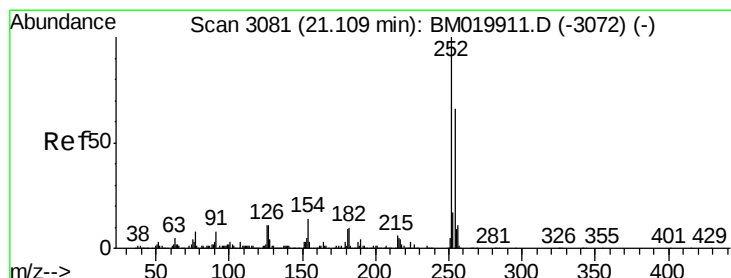
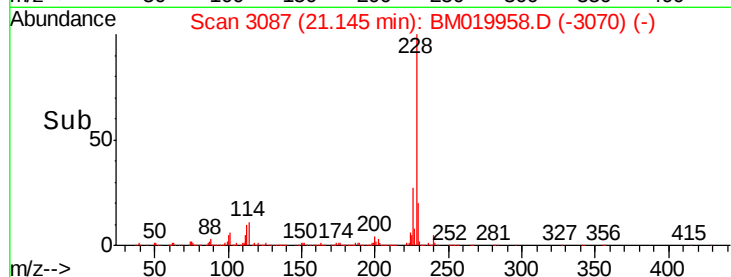
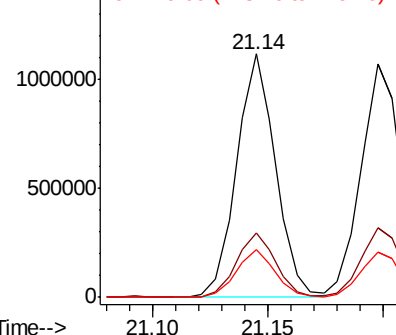
Tot Ion:	228	Resp:	1307872
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.8	15.9	23.9

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Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.750 ng

RT: 21.09 min Scan# 3078

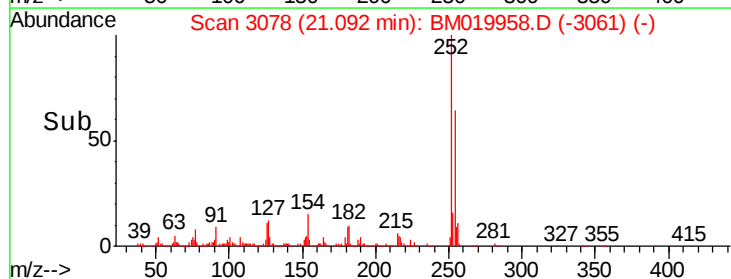
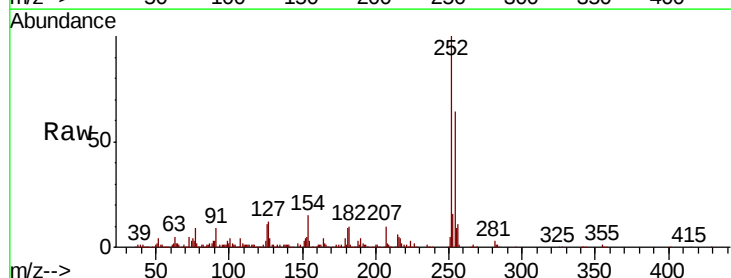
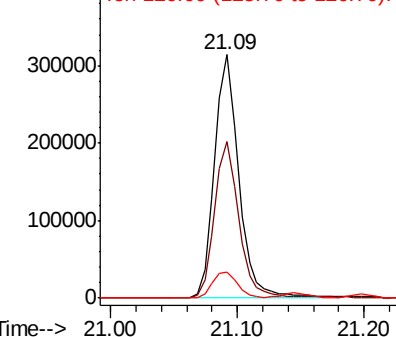
Delta R.T. 0.00 min

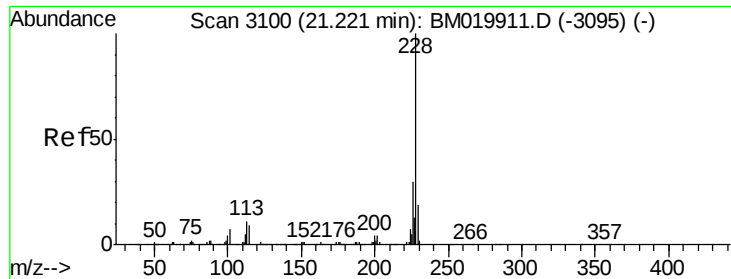
Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:	252	Resp:	417663
Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.6	78.8
126	10.7	8.6	12.8

Abundance Ion 252.00 (251.70 to 252.70): E
400000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





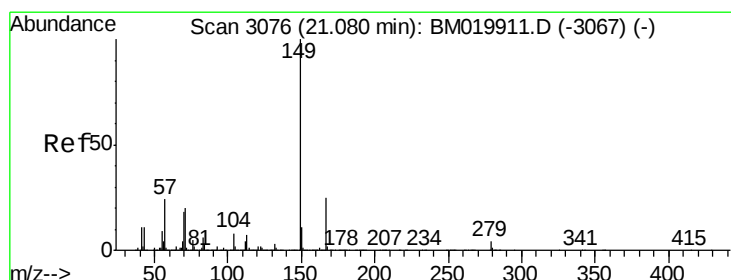
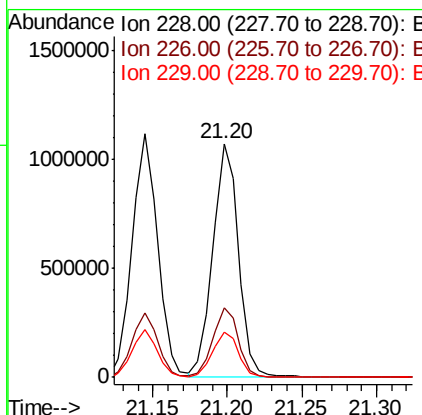
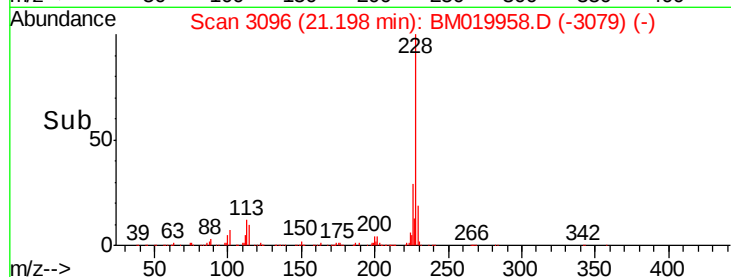
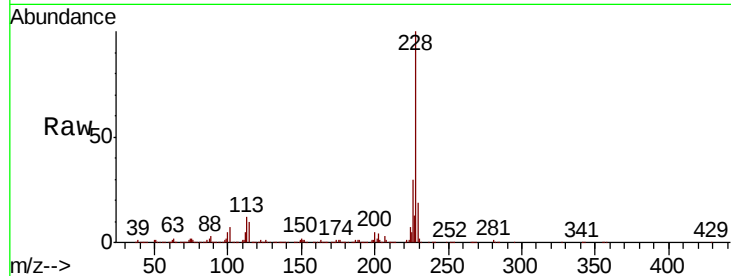
#83
Chrysene
Concen: 40.171 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.5	15.6	23.4

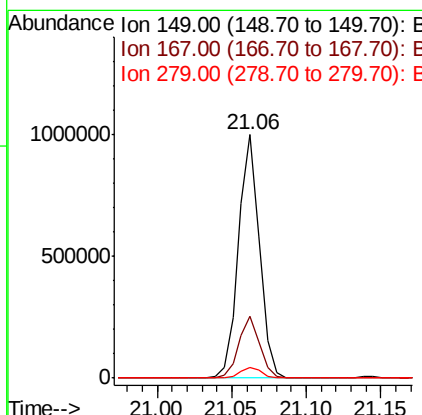
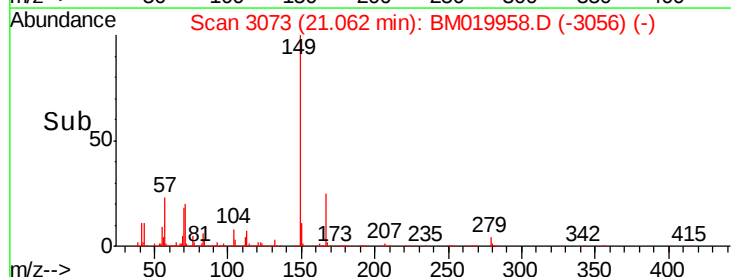
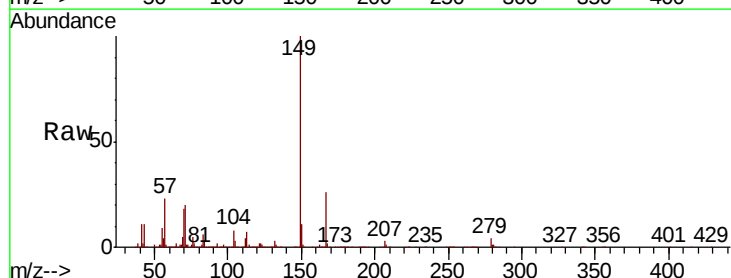
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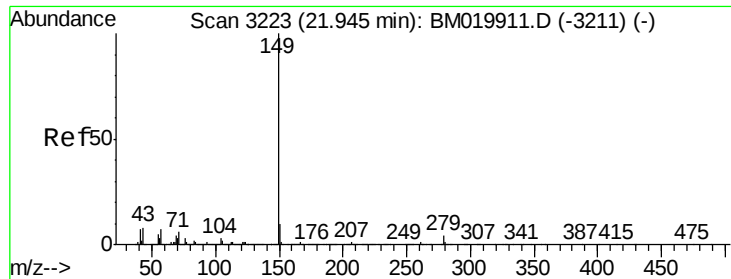
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.137 ng
RT: 21.06 min Scan# 3073
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.3	30.5
279	4.2	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 41.990 ng

RT: 21.93 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

PB119018BS

Tot Ion:149 Resp: 1709957

Ion Ratio Lower Upper

149 100

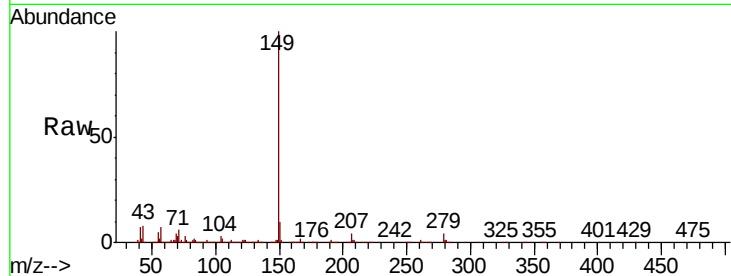
167 1.6 1.3 1.9

43 7.7 6.0 9.0

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

2000000

1500000

1000000

500000

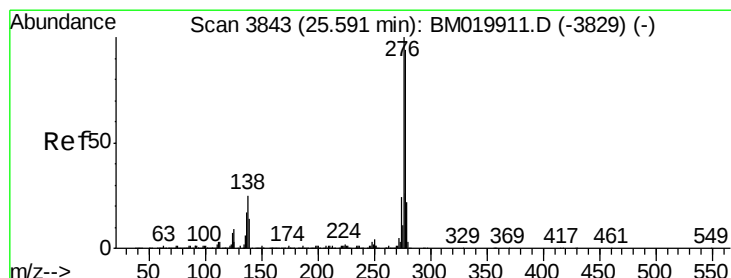
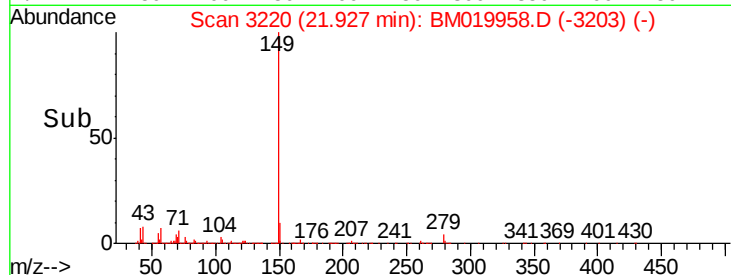
0

21.93

21.90

22.00

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.230 ng

RT: 25.54 min Scan# 3835

Delta R.T. -0.01 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

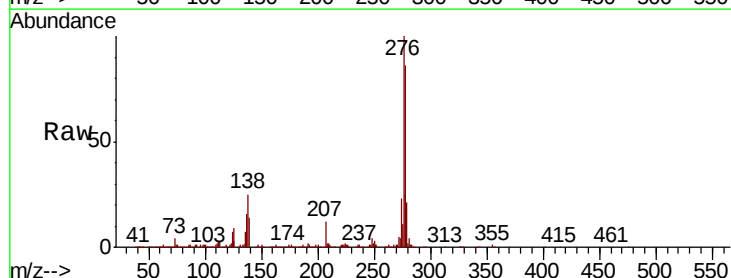
Tgt Ion:276 Resp: 1827224

Ion Ratio Lower Upper

276 100

138 23.8 19.0 28.6

277 25.3 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

800000

600000

400000

200000

0

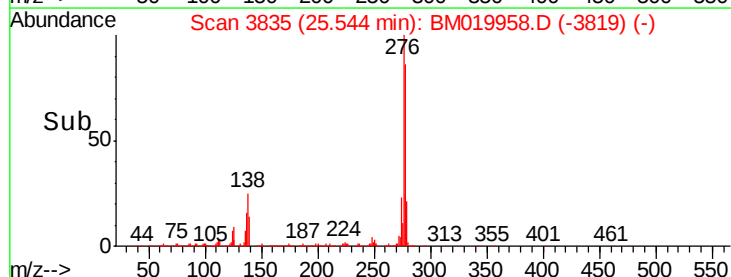
25.54

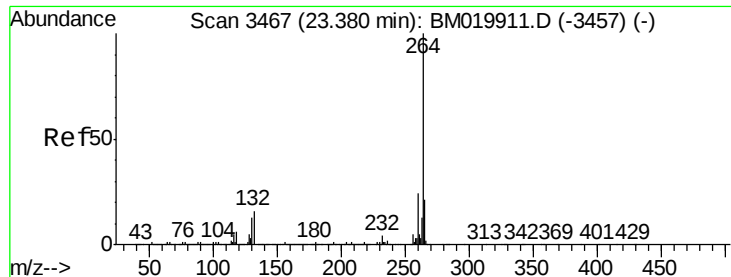
25.40

25.50

25.60

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.35 min Scan# 3462

Delta R.T. 0.00 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

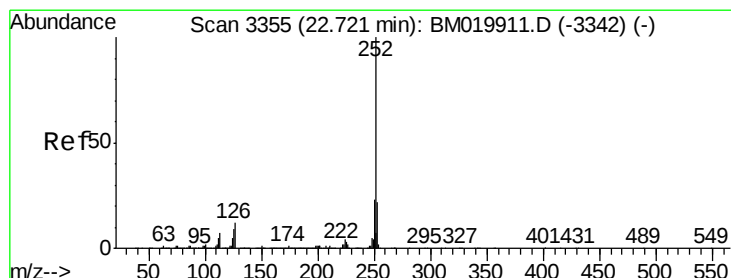
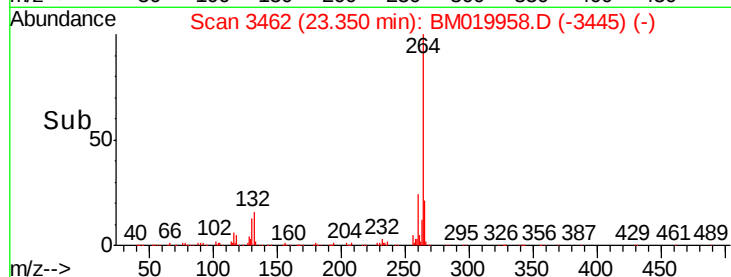
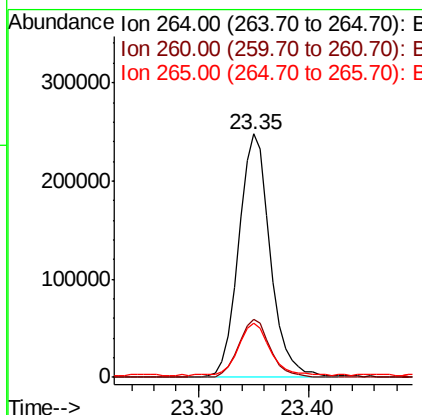
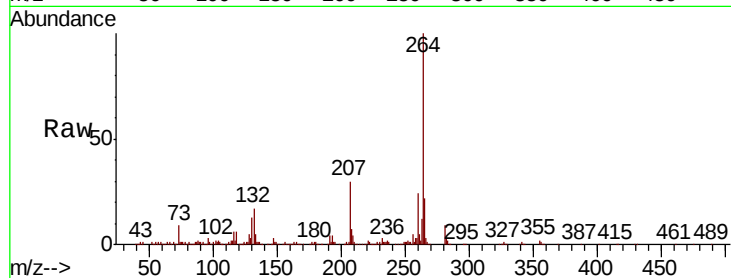
ClientSampleId :

PB119018BS

Tot Ion:	264	Resp:	498089
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.4	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 44.286 ng

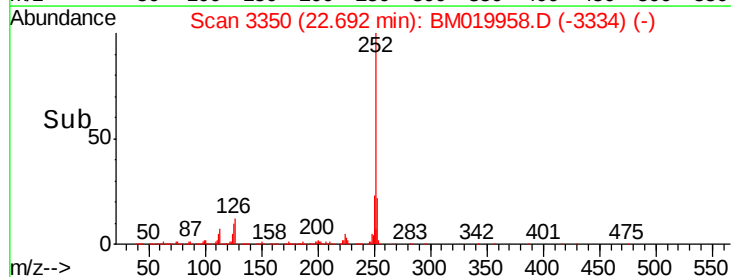
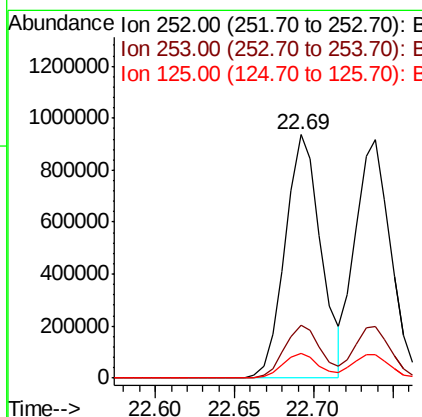
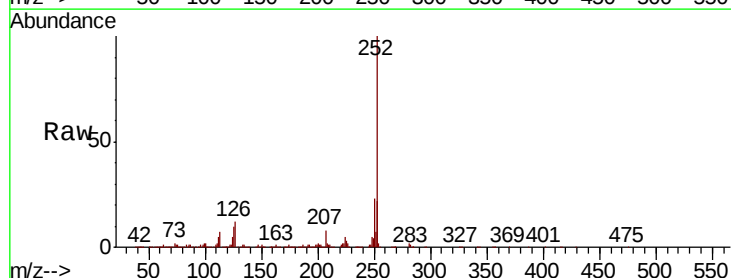
RT: 22.69 min Scan# 3350

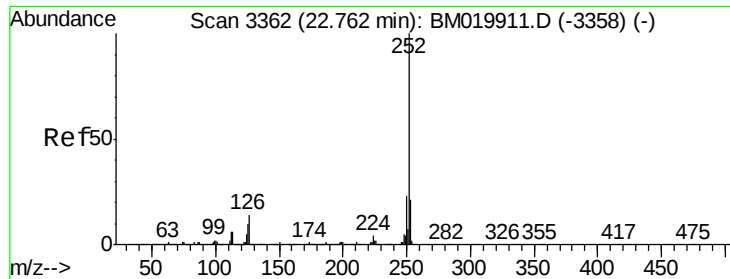
Delta R.T. -0.01 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:	252	Resp:	1464715
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	10.3	7.6	11.4





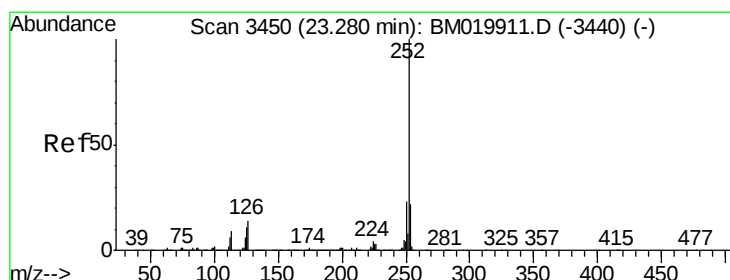
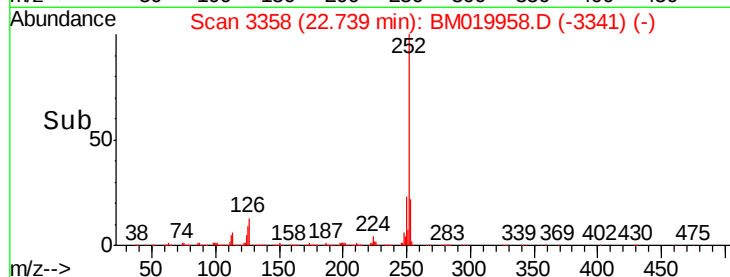
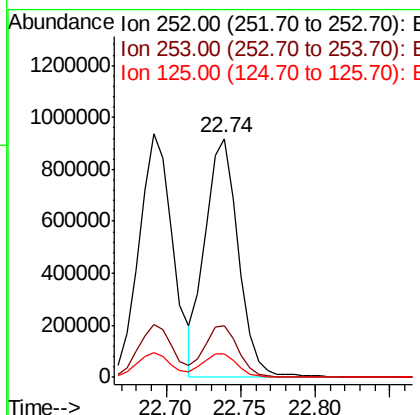
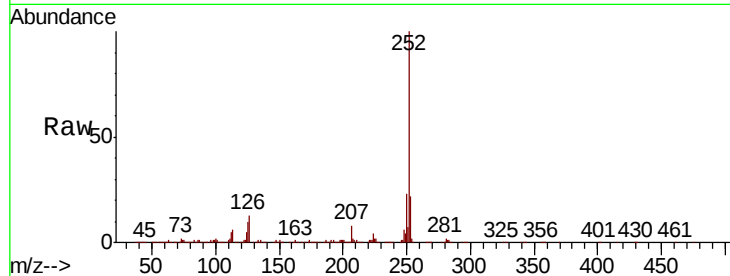
#89
Benzo(k)fluoranthene
Concen: 45.546 ng
RT: 22.74 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	9.6	8.2	12.4

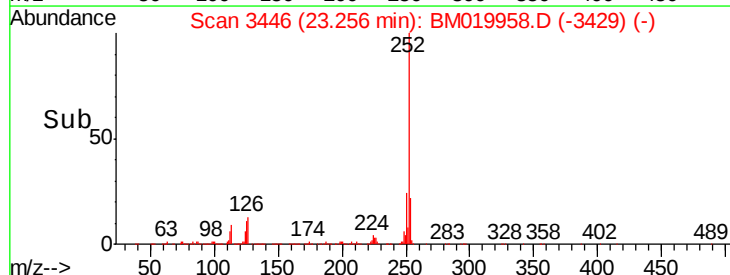
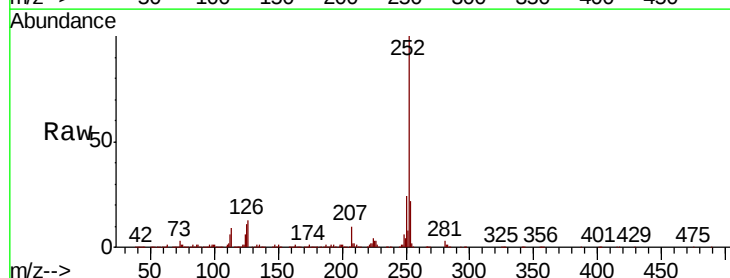
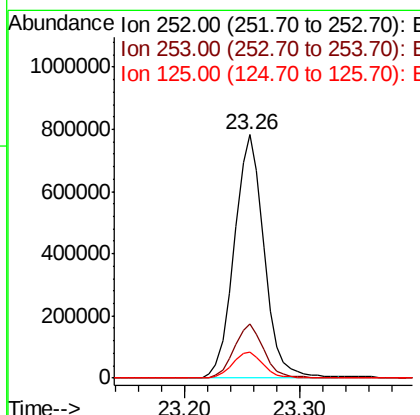
Manual Integrations
APPROVED

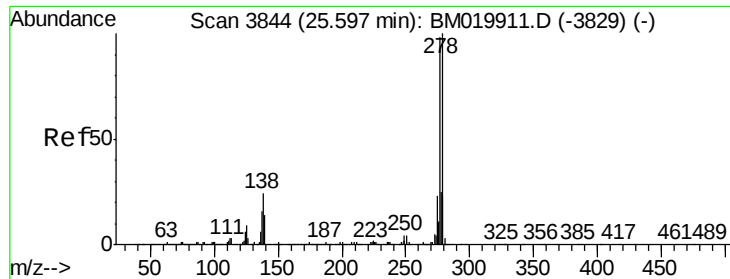
Sohil
4/22/2019 2:53:12 AM



#90
Benzo(a)pyrene
Concen: 47.731 ng
RT: 23.26 min Scan# 3446
Delta R.T. 0.00 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.6	9.1	13.7





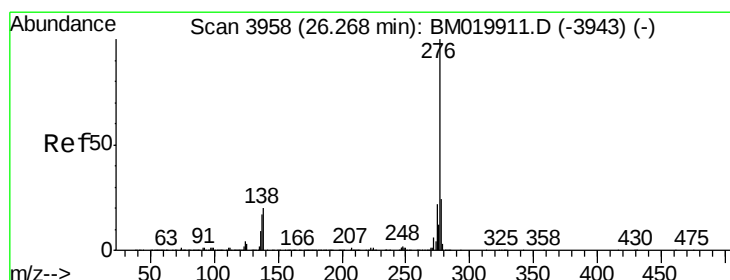
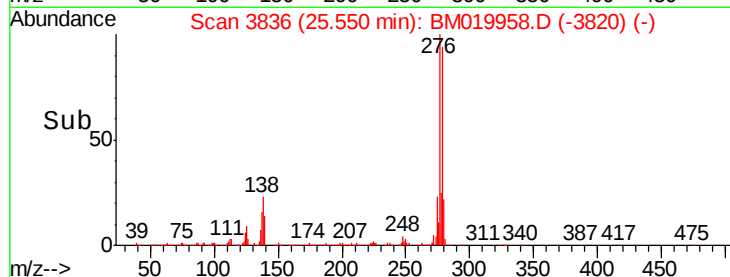
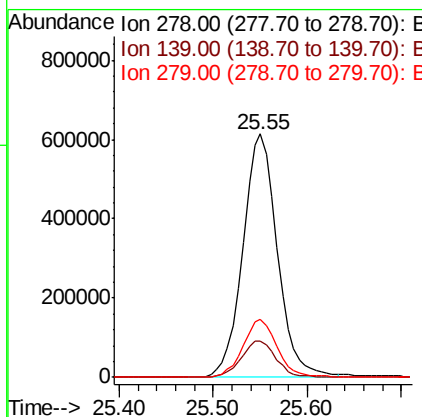
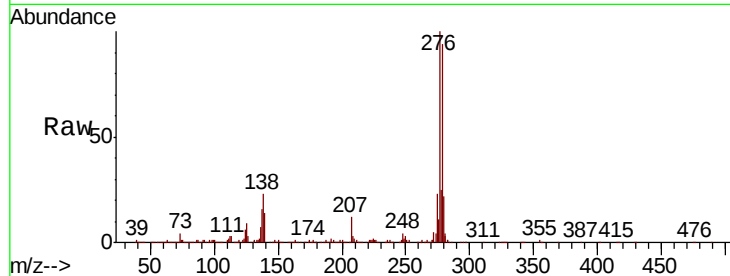
#91
Dibenzo(a,h)anthracene
Concen: 55.199 ng
RT: 25.55 min Scan# 3836
Delta R.T. -0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :
PB119018BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.6	17.4
279	23.8	18.4	27.6

Manual Integrations
APPROVED

Sohil
4/22/2019 2:53:12 AM



#92
Benzo(g,h,i)perylene
Concen: 58.070 ng
RT: 26.22 min Scan# 3950
Delta R.T. -0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	20.3	16.2	24.4

