

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020038.D
 Acq On : 23 Apr 2019 16:03
 Operator : JU/SJ
 Sample : PB119131BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119131BS

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:49:12 AM

Quant Time: Apr 24 04:01:42 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	7.49	152	85034	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	327899	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	178493	20.00	ng	-0.02
64) Phenanthrene-d10	16.93	188	373707	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	447950	20.00	ng	-0.02
87) Perylene-d12	23.33	264	457843	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	717444	136.74	ng	-0.02
7) Phenol-d6	6.69	99	929132	117.66	ng	-0.02
23) Nitrobenzene-d5	8.66	82	653354	89.11	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	360374	125.42	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1266719	88.44	ng	-0.02
79) Terphenyl-d14	19.57	244	1947859	76.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	91567	40.441	ng	99
3) Pyridine	3.48	79	197721	31.181	ng	97
4) n-Nitrosodimethylamine	3.41	42	86322	42.259	ng	92
6) Aniline	6.85	93	277819	27.240	ng	100
8) 2-Chlorophenol	7.06	128	238379	36.528	ng	98
9) Benzaldehyde	6.67	77	83559	15.270	ng	93
10) Phenol	6.72	94	312538	36.226	ng	91
11) bis(2-Chloroethyl)ether	6.95	93	215922	34.206	ng	99
12) 1,3-Dichlorobenzene	7.37	146	256471	37.435	ng	97
13) 1,4-Dichlorobenzene	7.53	146	263549	37.915	ng	99
14) 1,2-Dichlorobenzene	7.83	146	257929	37.423	ng	97
15) Benzyl Alcohol	7.76	79	241328	33.617	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.01	45	188386	31.307	ng	96
17) 2-Methylphenol	7.95	107	196608	34.432	ng	96
18) Hexachloroethane	8.53	117	100663	37.256	ng	95
19) n-Nitroso-di-n-propylamine	8.30	70	208802	30.081	ng	99
20) 3+4-Methylphenols	8.29	107	256485	32.699	ng	98
22) Acetophenone	8.33	105	366186	41.002	ng	# 98
24) Nitrobenzene	8.71	77	315352	41.519	ng	96
25) Isophorone	9.22	82	509539	35.700	ng	98
26) 2-Nitrophenol	9.41	139	117432	36.280	ng	# 91
27) 2,4-Dimethylphenol	9.47	122	200854	43.888	ng	96
28) bis(2-Chloroethoxy)methane	9.70	93	287251	35.941	ng	99
29) 2,4-Dichlorophenol	9.95	162	201994	38.862	ng	95
30) 1,2,4-Trichlorobenzene	10.13	180	242106	43.277	ng	99
31) Naphthalene	10.32	128	704879	40.078	ng	98
32) Benzoic acid	9.65	122	94512	24.679	ng	100
33) 4-Chloroaniline	10.47	127	184264	25.432	ng	98
34) Hexachlorobutadiene	10.57	225	144195	43.703	ng	98
35) Caprolactam	11.30	113	60996m	31.002	ng	
36) 4-Chloro-3-methylphenol	11.60	107	227301	35.195	ng	99
37) 2-Methylnaphthalene	11.94	142	495148	38.670	ng	98
38) 1-Methylnaphthalene	12.16	142	473574	37.458	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	244571	44.416	ng	99

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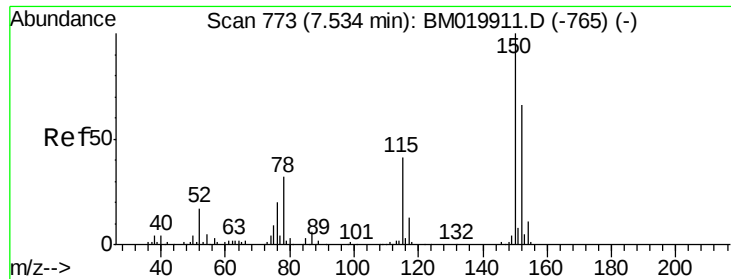
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	135756	71.148	nq	100
43) 2,4,6-Trichlorophenol	12.59	196	156638	41.958	nq	99
44) 2,4,5-Trichlorophenol	12.67	196	158026	40.671	nq	97
46) 1,1'-Biphenyl	12.98	154	630417	40.778	nq	99
47) 2-Chloronaphthalene	13.02	162	486072	41.219	nq	100
48) 2-Nitroaniline	13.27	65	162384	38.203	nq	96
49) Acenaphthylene	13.88	152	773783	37.713	nq	99
50) Dimethylphthalate	13.63	163	604095	38.369	nq	100
51) 2,6-Dinitrotoluene	13.77	165	130258	37.414	nq #	80
52) Acenaphthene	14.22	154	446914	39.285	nq	99
53) 3-Nitroaniline	14.12	138	91032	26.186	nq	100
54) 2,4-Dinitrophenol	14.36	184	116084	58.096	nq	92
55) Dibenzofuran	14.56	168	724120	38.925	nq	96
56) 4-Nitrophenol	14.46	139	161845	60.540	nq	91
57) 2,4-Dinitrotoluene	14.59	165	180099	35.988	nq	98
58) Fluorene	15.22	166	593579	37.656	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	145166	40.947	nq	98
60) Diethylphthalate	15.00	149	618332	37.762	nq	99
61) 4-Chlorophenyl-phenylether	15.22	204	295945	38.994	nq	95
62) 4-Nitroaniline	15.30	138	107471	31.378	nq	86
63) Azobenzene	15.51	77	686203	39.209	nq	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	75270	31.568	nq	94
66) n-Nitrosodiphenylamine	15.44	169	495578	40.563	nq	99
67) 4-Bromophenyl-phenylether	16.12	248	171302	39.870	nq	99
68) Hexachlorobenzene	16.22	284	207202	40.191	nq	96
69) Atrazine	16.41	200	163388	39.394	nq	99
70) Pentachlorophenol	16.59	266	201636	76.548	nq	97
71) Phenanthrene	16.97	178	886852	39.990	nq	99
72) Anthracene	17.06	178	888764	40.260	nq	100
73) Carbazole	17.36	167	798703	38.752	nq	99
74) Di-n-butylphthalate	17.89	149	1011116	37.355	nq	99
75) Fluoranthene	19.00	202	1022658	40.070	nq	98
77) Benzidine	19.22	184	434896	35.187	nq	99
78) Pyrene	19.37	202	1064616	35.889	nq	100
80) Butylbenzylphthalate	20.28	149	505226	35.129	nq	97
81) Benzo(a)anthracene	21.13	228	1060706	37.380	nq	99
82) 3,3'-Dichlorobenzidine	21.08	252	364596	34.534	nq	99
83) Chrysene	21.19	228	1059478	38.933	nq	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	722495	33.744	nq	100
85) Di-n-octyl phthalate	21.91	149	1336369	38.466	nq	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1737238	64.894	nq	98
88) Benzo(b)fluoranthene	22.67	252	1324409	43.564	nq	99
89) Benzo(k)fluoranthene	22.72	252	1234583	43.135	nq	99
90) Benzo(a)pyrene	23.23	252	1249894	46.400	nq	98
91) Dibenzo(a,h)anthracene	25.51	278	1476999	56.871	nq	98
92) Benzo(g,h,i)perylene	26.18	276	1391973	59.175	nq	98

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



#1

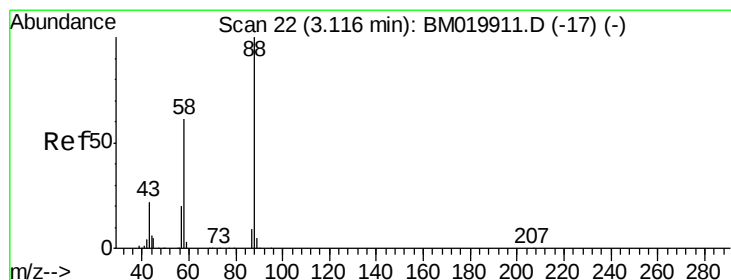
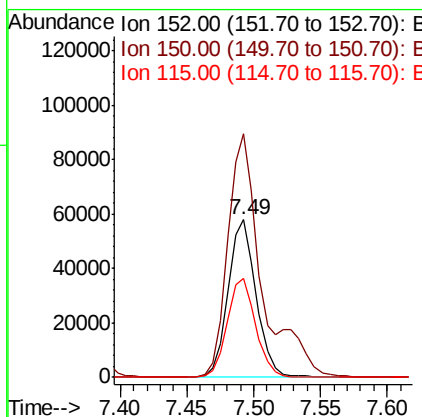
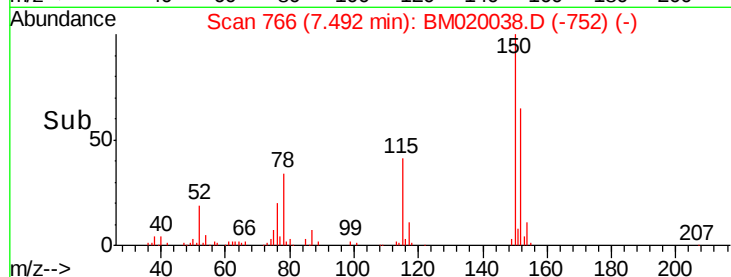
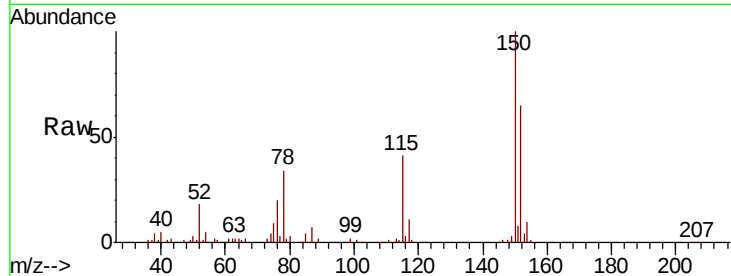
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.1	183.1
115	63.0	50.0	75.0

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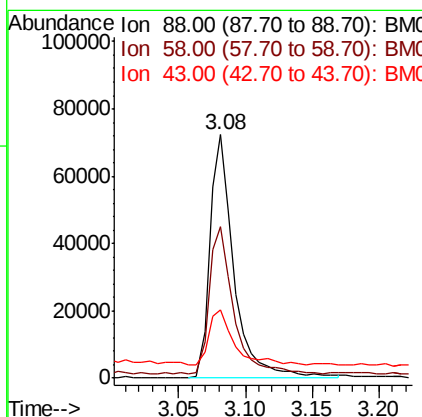
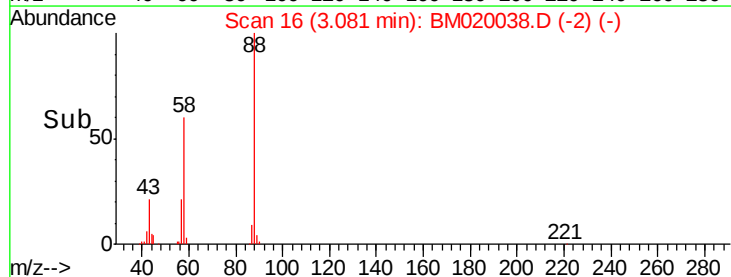
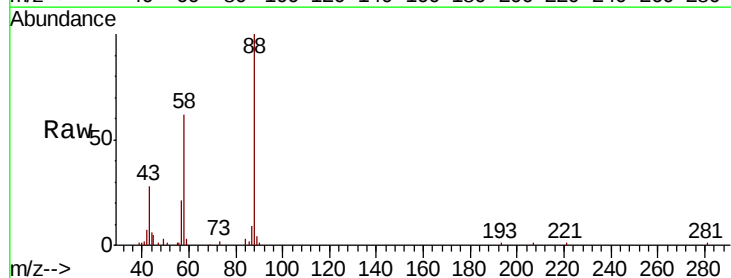
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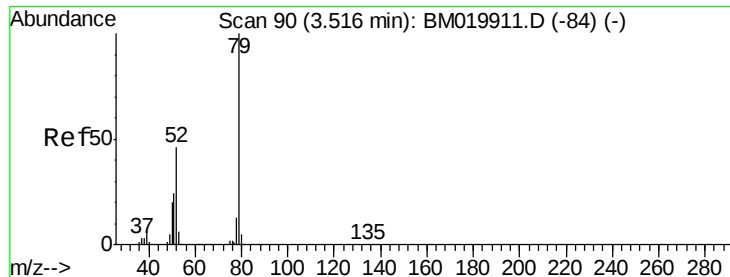


#2

1,4-Dioxane
Concen: 40.441 ng
RT: 3.08 min Scan# 16
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.7	49.6	74.4
43	22.7	18.6	27.8





#3

Pvridine

Concen: 31.181 ng

RT: 3.48 min Scan# 84

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

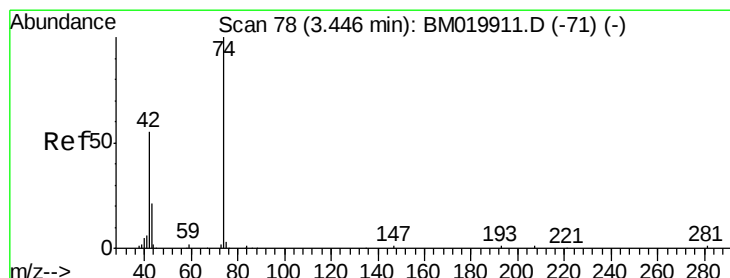
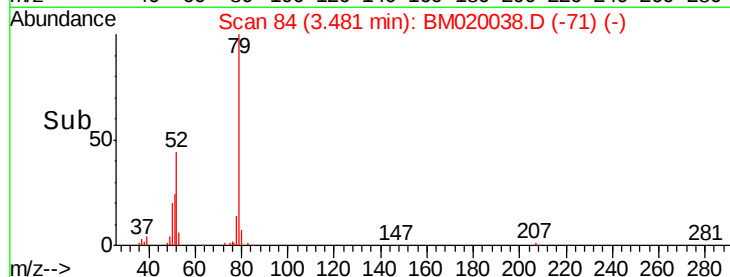
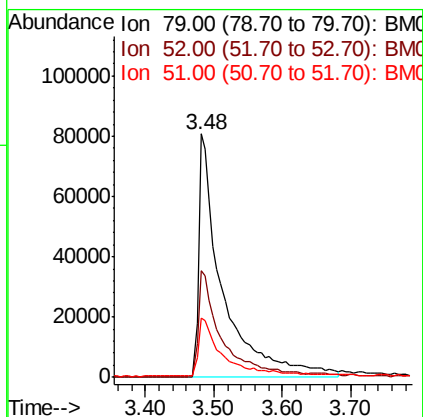
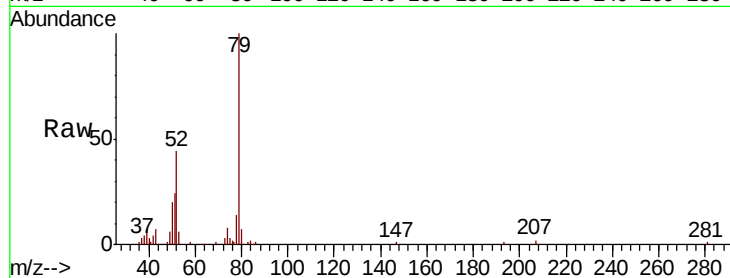
ClientSampled :

PB119131BS

Tot Ion:	79	Resp:	197721
Ion	Ratio	Lower	Upper
79	100		
52	43.9	36.9	55.3
51	24.4	20.0	30.0

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#4

n-Nitrosodimethylamine

Concen: 42.259 ng

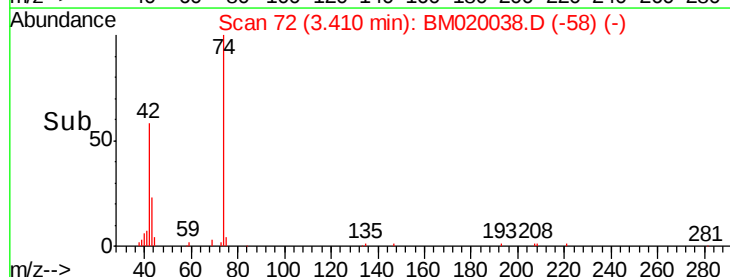
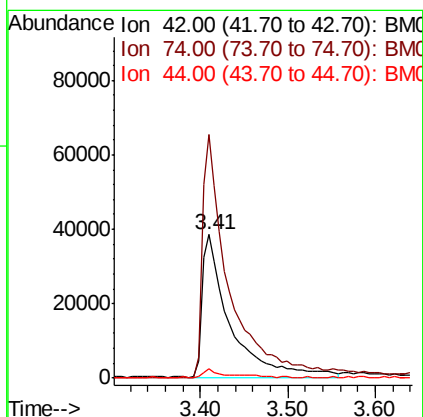
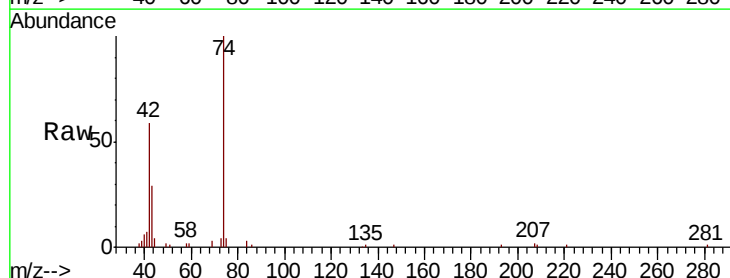
RT: 3.41 min Scan# 72

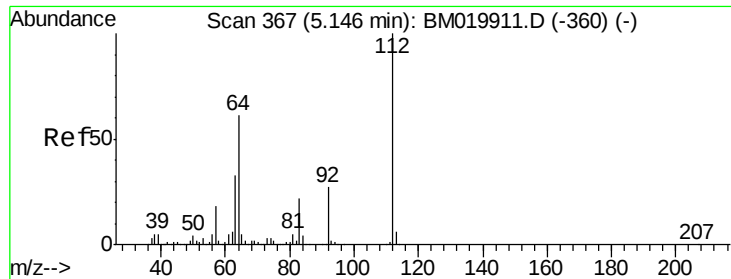
Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion:	42	Resp:	86322
Ion	Ratio	Lower	Upper
42	100		
74	169.7	144.6	217.0
44	6.1	5.4	8.2





#5

2-Fluorophenol

Concen: 136.736 ng

RT: 5.10 min Scan# 360

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

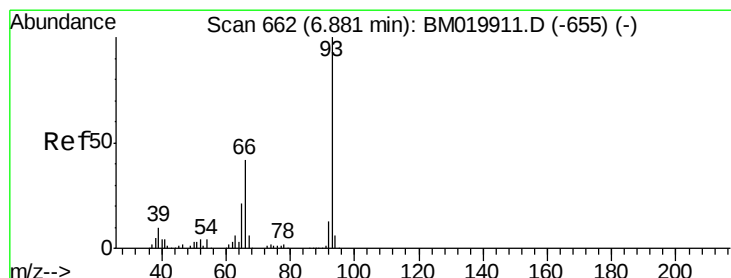
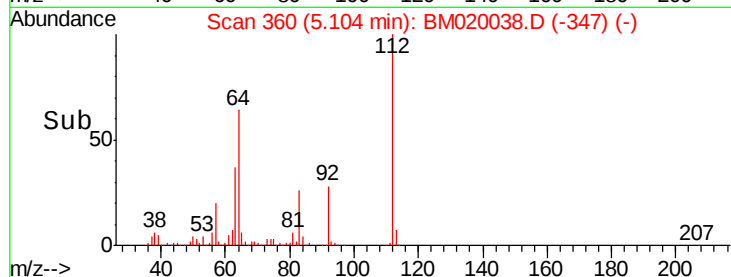
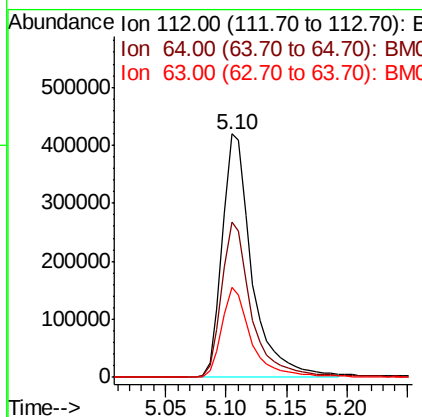
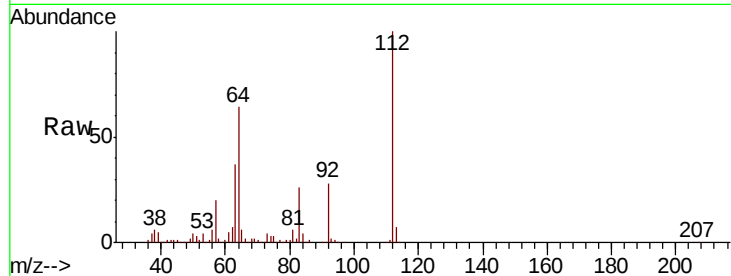
ClientSampled :

PB119131BS

Tot Ion:	112	Resp:	717444
Ion Ratio	Lower	Upper	
112	100		
64	63.7	49.1	73.7
63	36.8	26.5	39.7

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#6

Aniline

Concen: 27.240 ng

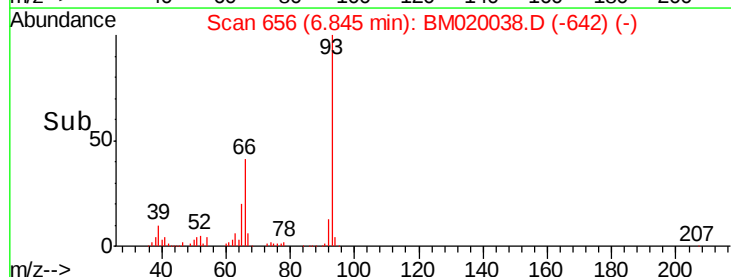
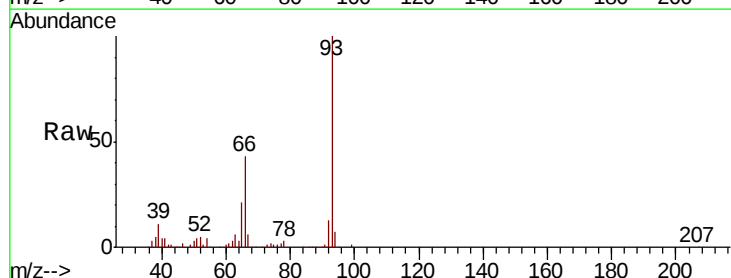
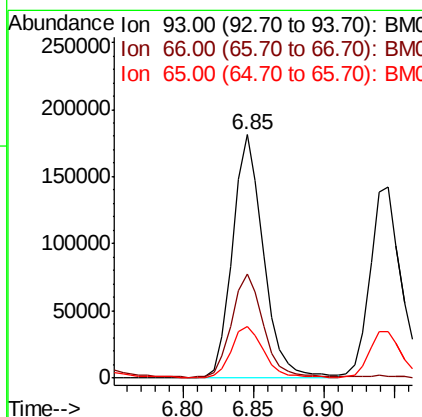
RT: 6.85 min Scan# 656

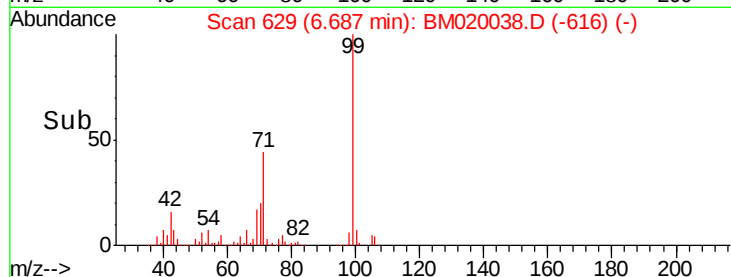
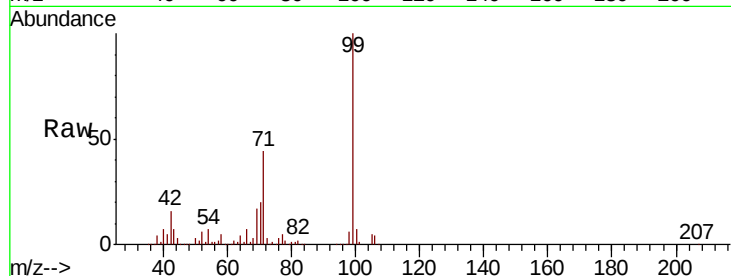
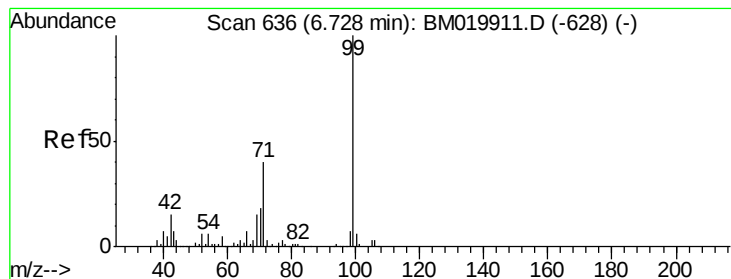
Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion:	93	Resp:	277819
Ion Ratio	Lower	Upper	
93	100		
66	42.6	33.9	50.9
65	21.1	17.0	25.6





#7

Phenol-d6

Concen: 117.664 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tot Ion	99	Resp	929132
Ion Ratio	Lower	Upper	
99	100		
42	16.1	11.8	17.8
71	44.0	32.0	48.0

Instrument :

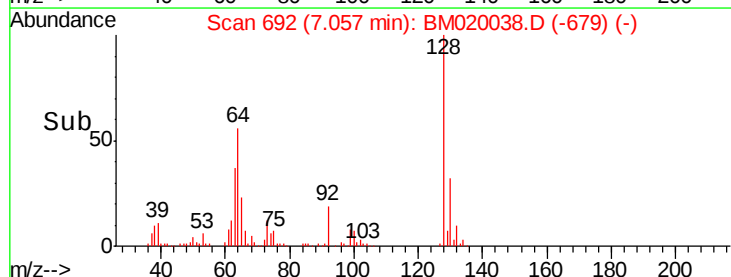
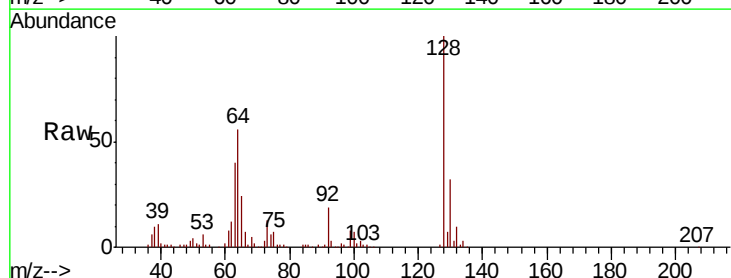
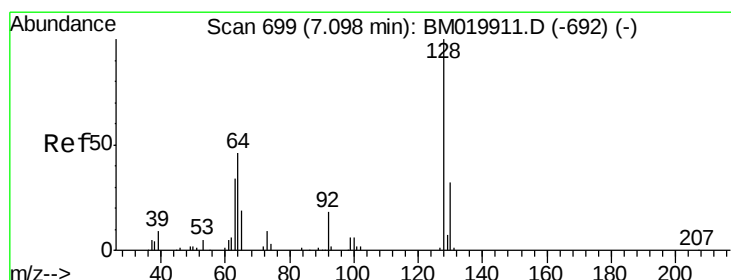
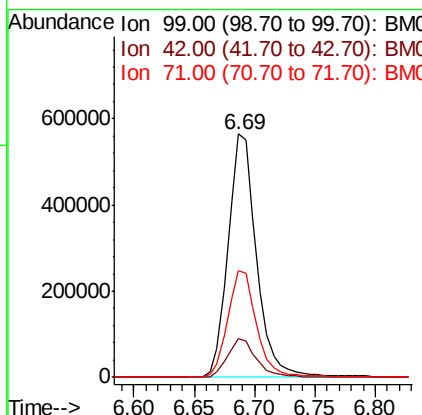
BNA_M

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#8

2-Chlorophenol

Concen: 36.528 ng

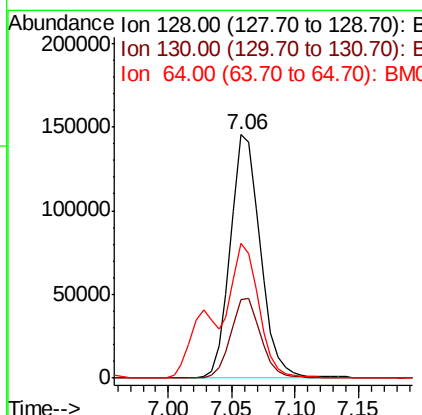
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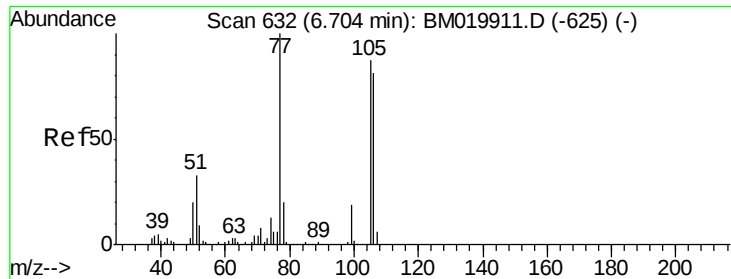
Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion	128	Resp	238379
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.0	52.0
64	55.5	33.0	73.0





#9

Benzaldehyde

Concen: 15.270 ng

RT: 6.67 min Scan# 627

Delta R.T. -0.01 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

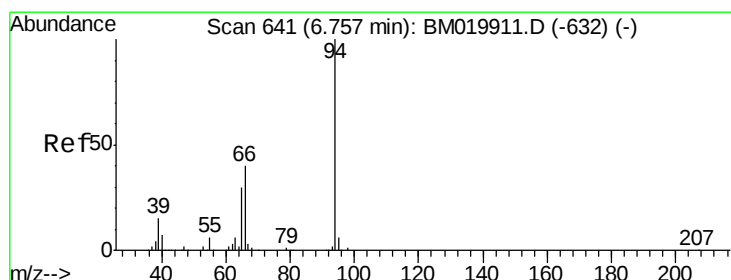
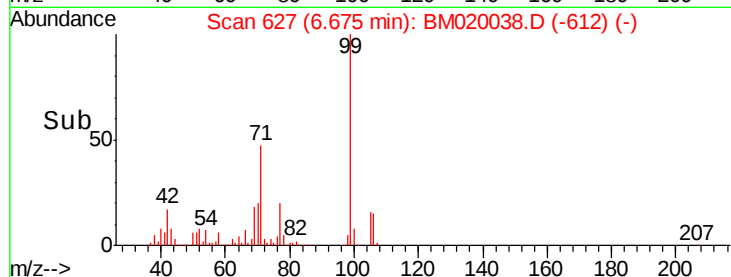
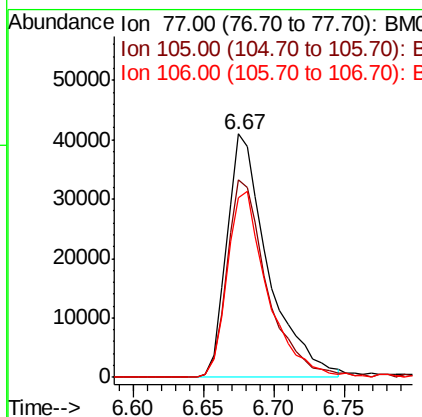
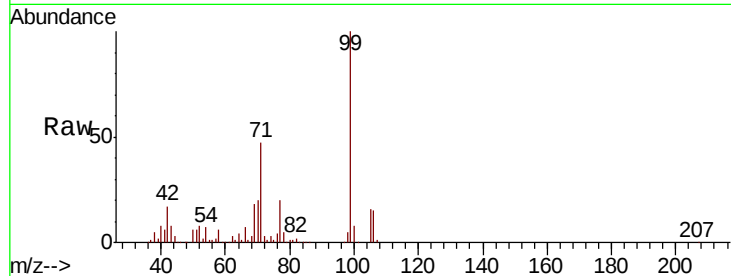
ClientSampled :

PB119131BS

Tot Ion:	77	Resp:	83559
Ion Ratio	Lower	Upper	
77	100		
105	81.3	67.3	107.3
106	73.5	60.6	100.6

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#10

Phenol

Concen: 36.226 ng

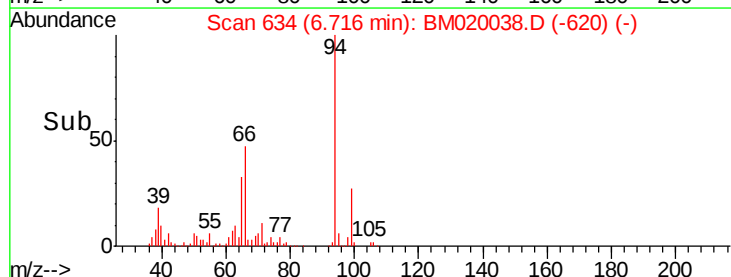
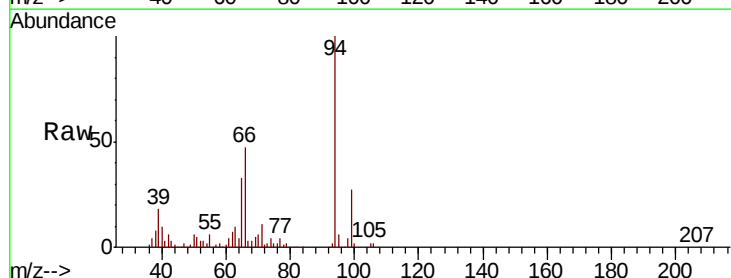
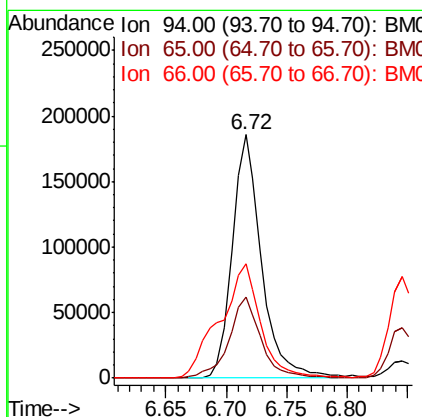
RT: 6.72 min Scan# 634

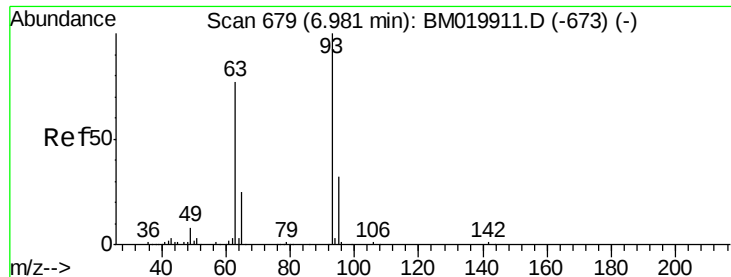
Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion:	94	Resp:	312538
Ion Ratio	Lower	Upper	
94	100		
65	33.1	10.0	50.0
66	46.8	20.2	60.2





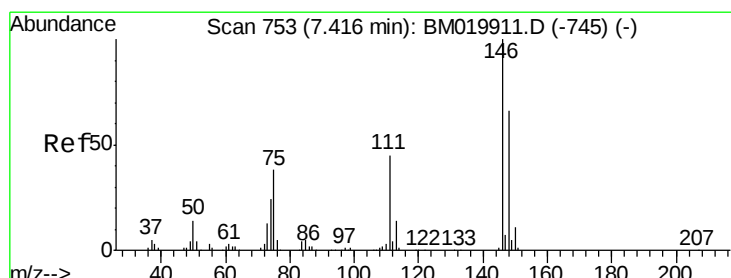
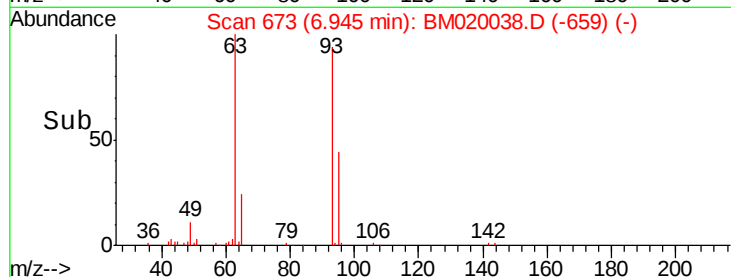
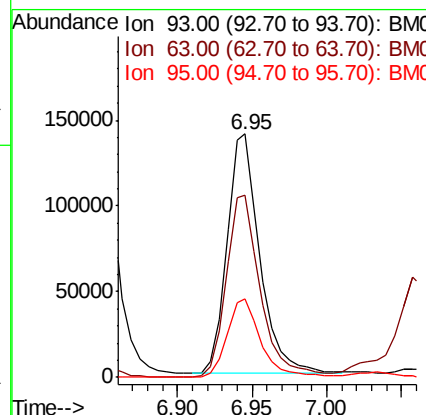
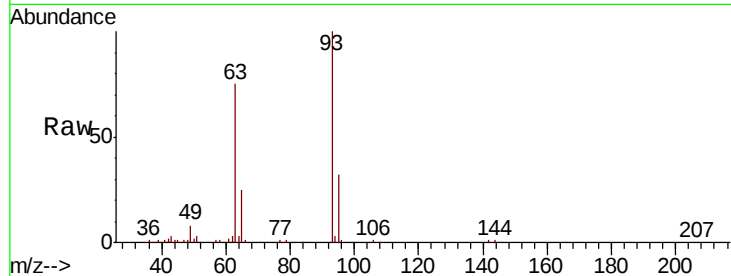
#11
bis(2-Chloroethyl)ether
Concen: 34.206 ng
RT: 6.95 min Scan# 673
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	215922		
63	74.7		55.8	95.8
95	32.2		11.6	51.6

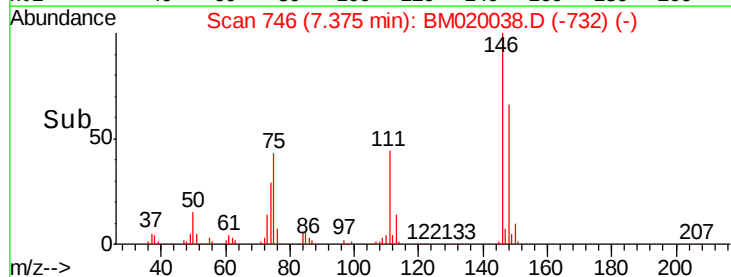
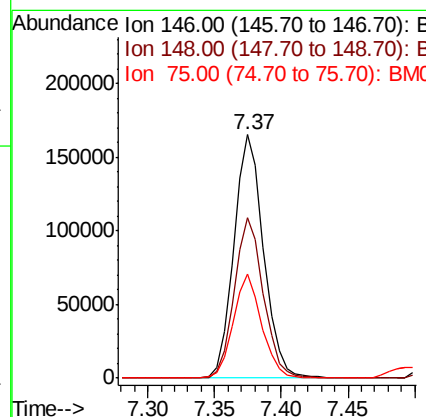
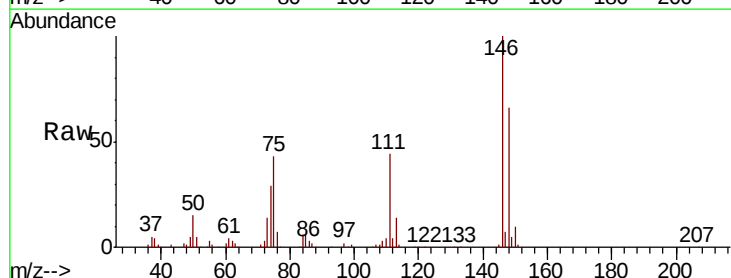
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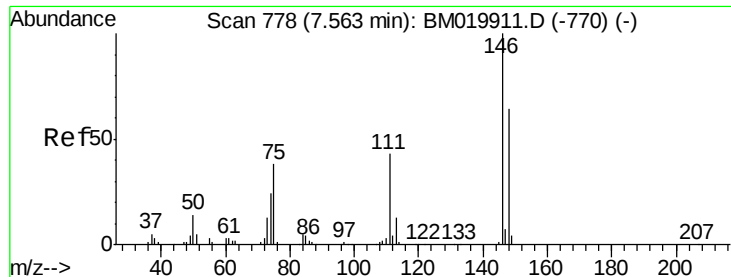
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.435 ng
RT: 7.37 min Scan# 746
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	256471		
148	65.9		52.6	78.8
75	42.7		30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 37.915 ng

RT: 7.53 min Scan# 772

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

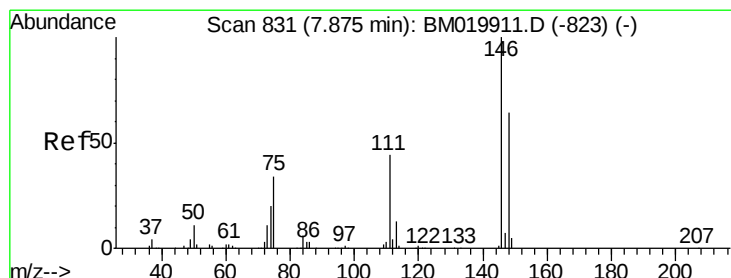
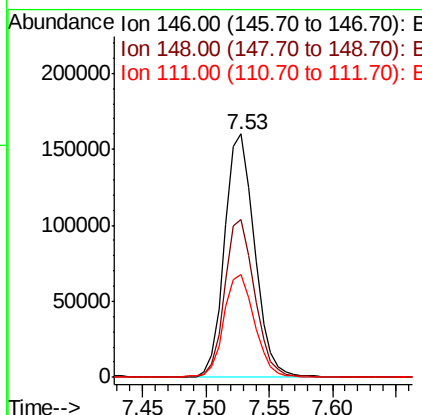
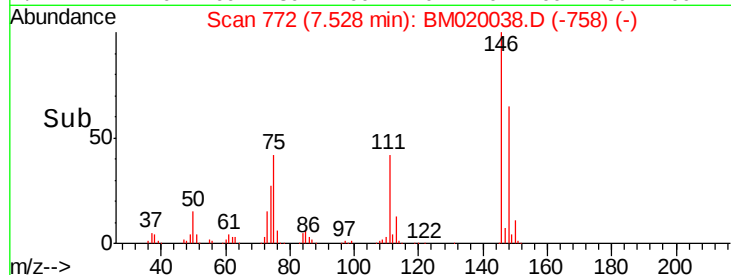
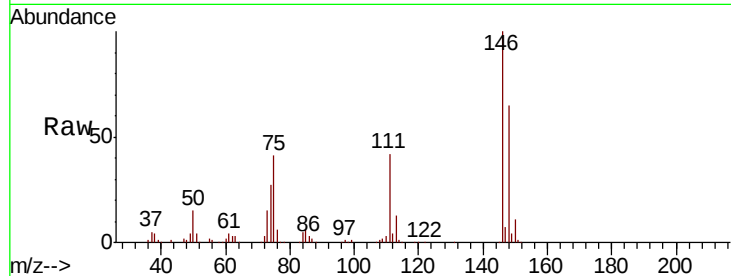
ClientSampleId :

PB119131BS

Tot Ion:	146	Resp:	263549
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.1	76.7
111	42.0	34.6	51.8

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#14

1,2-Dichlorobenzene

Concen: 37.423 ng

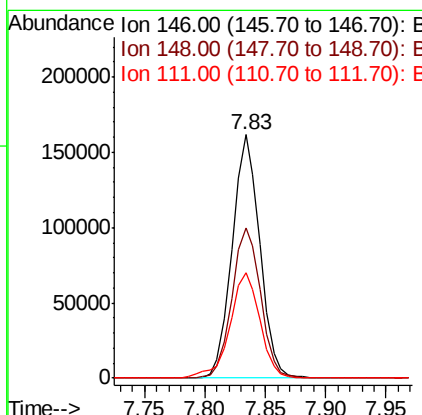
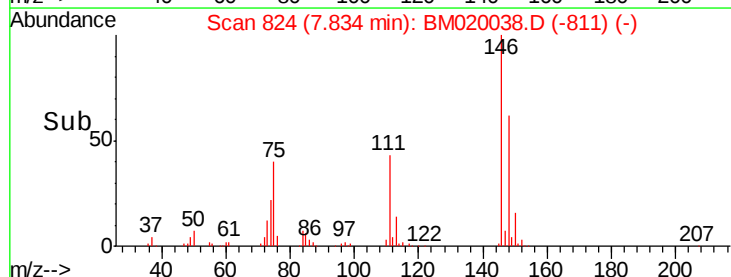
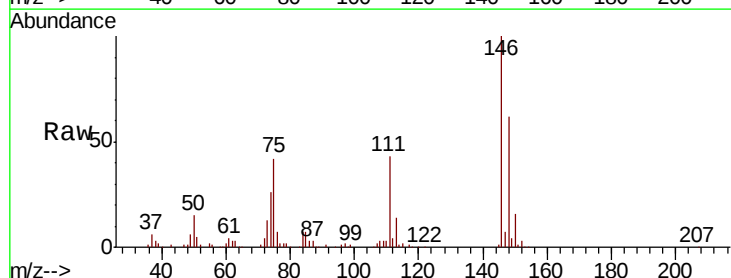
RT: 7.83 min Scan# 824

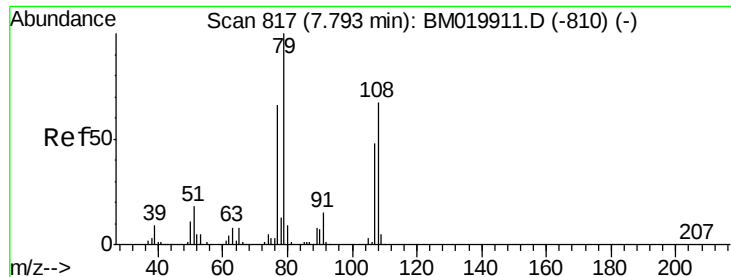
Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion:	146	Resp:	257929
Ion Ratio	Lower	Upper	
146	100		
148	61.8	51.4	77.2
111	43.1	35.4	53.0





#15

Benzyl Alcohol

Concen: 33.617 ng

RT: 7.76 min Scan# 811

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

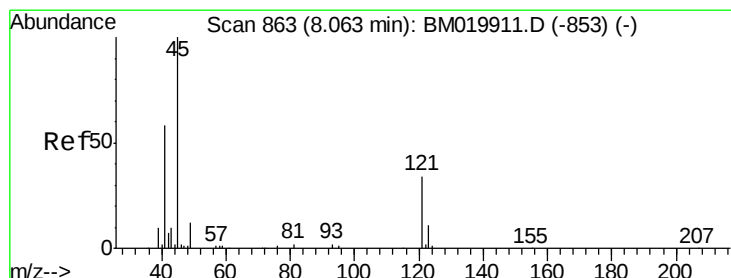
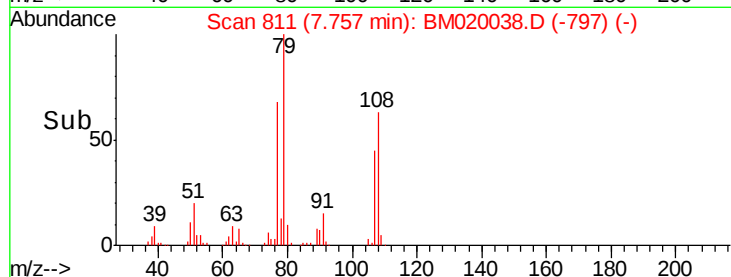
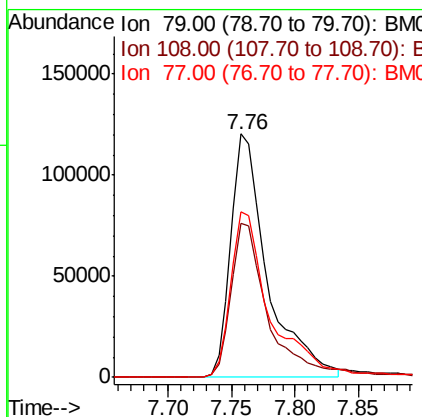
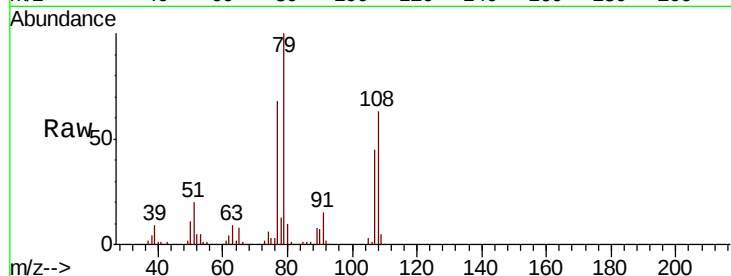
ClientSampleId :

PB119131BS

Tot Ion:	79	Resp:	241328
Ion Ratio	Lower	Upper	
79	100		
108	63.2	53.9	80.9
77	67.8	53.1	79.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.307 ng

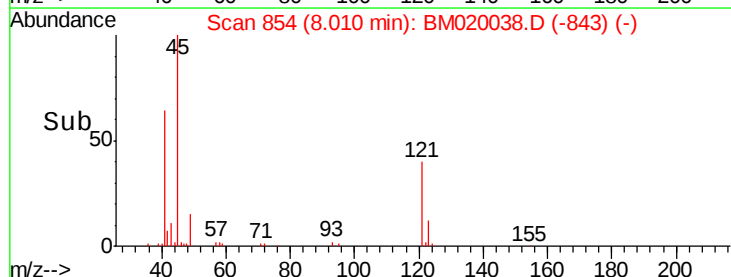
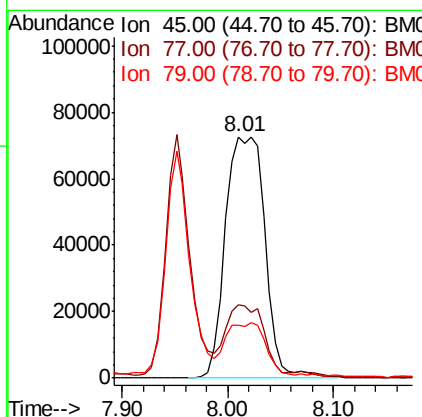
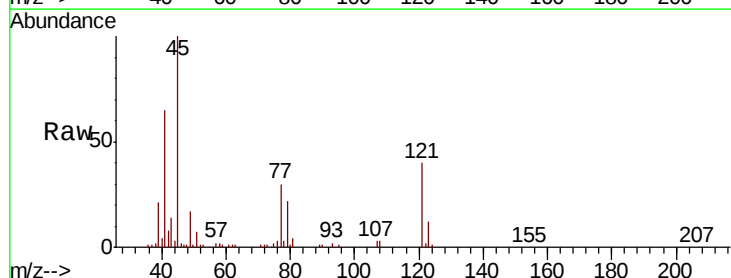
RT: 8.01 min Scan# 854

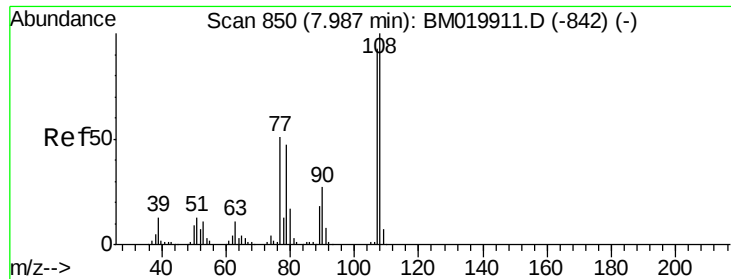
Delta R.T. -0.04 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion:	45	Resp:	188386
Ion Ratio	Lower	Upper	
45	100		
77	30.4	7.2	47.2
79	22.0	1.2	41.2





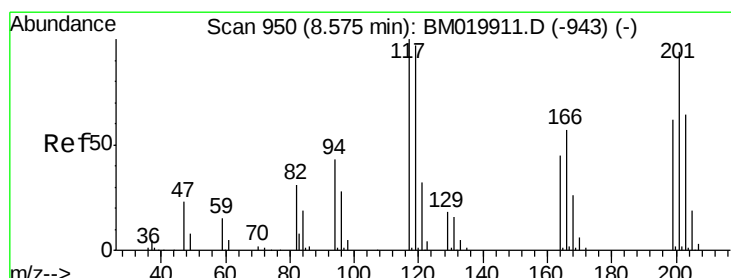
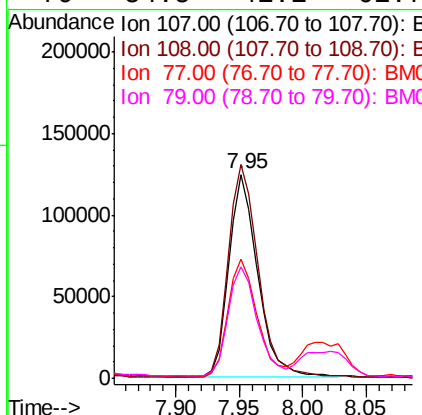
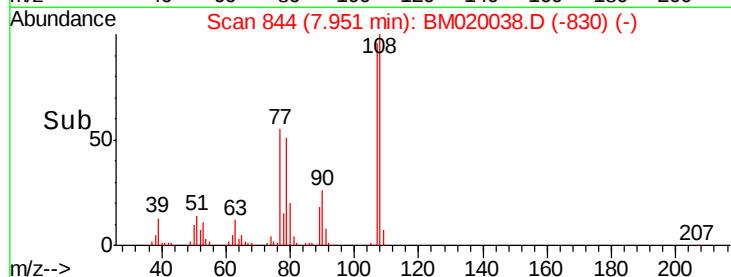
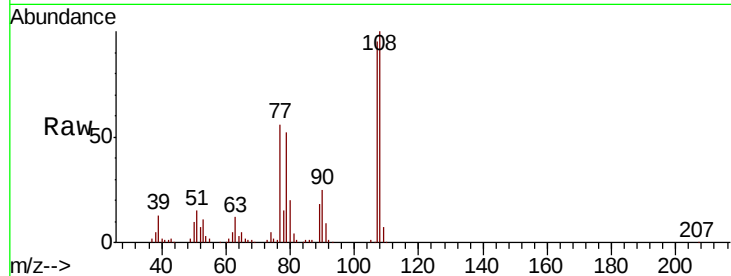
#17
2-Methylphenol
Concen: 34.432 ng
RT: 7.95 min Scan# 844
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.7	85.9	128.9	
77	58.6	43.8	65.6	
79	54.5	41.1	61.7	

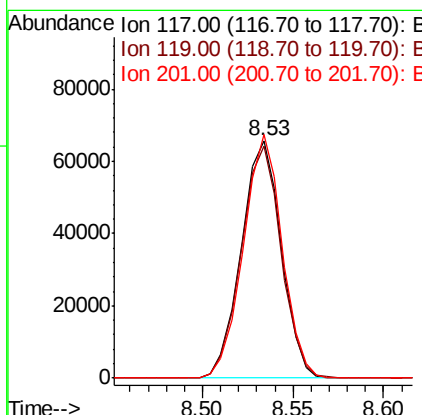
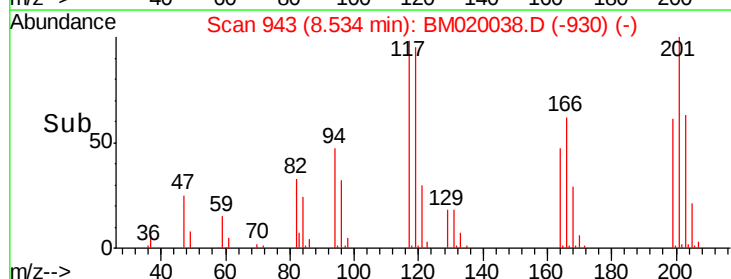
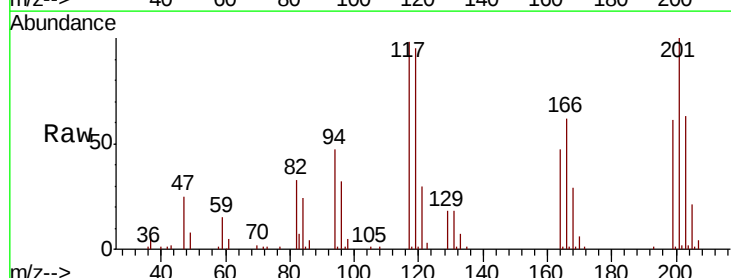
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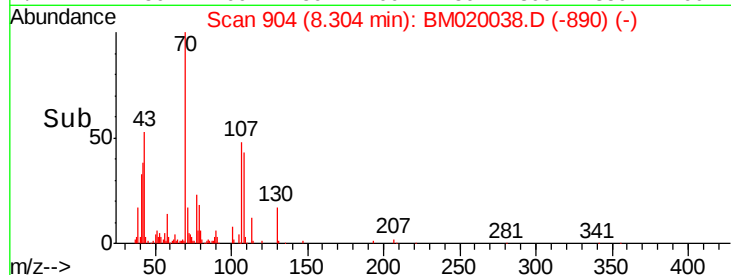
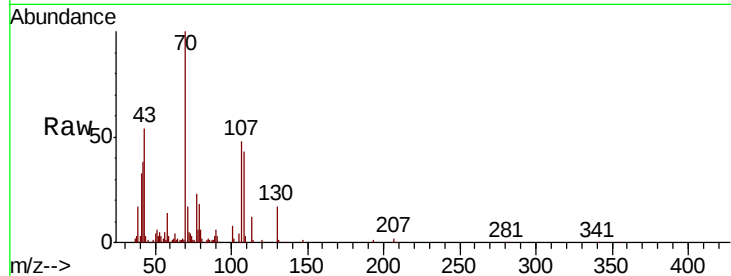
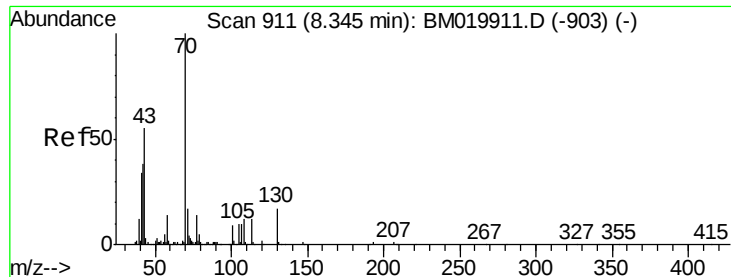
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#18
Hexachloroethane
Concen: 37.256 ng
RT: 8.53 min Scan# 943
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	77.6	116.4	
201	102.5	75.4	113.2	





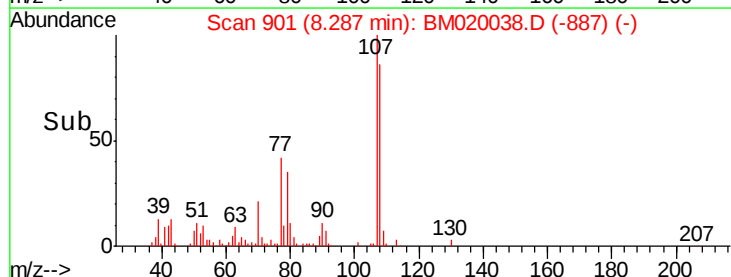
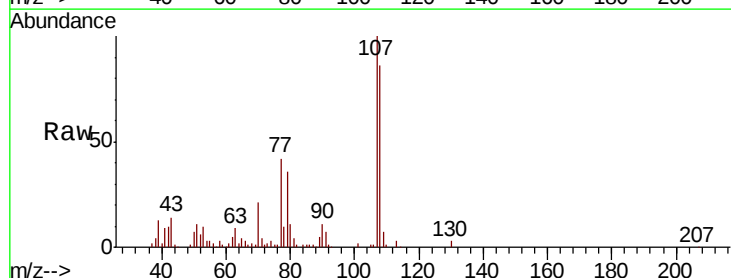
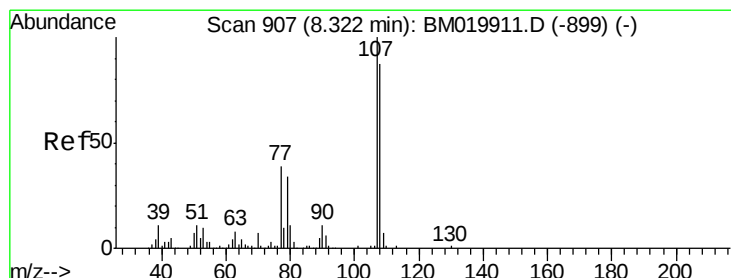
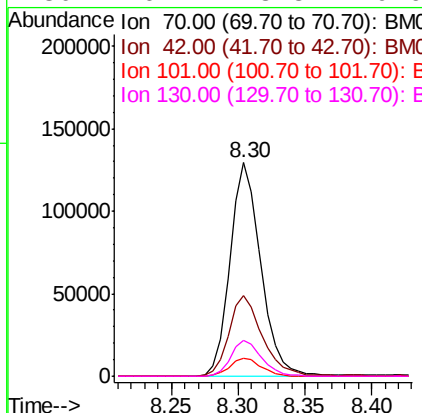
#19
n-Nitroso-di-n-propylamine
Concen: 30.081 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.1	30.3	45.5
101	8.2	6.9	10.3
130	16.7	13.8	20.6

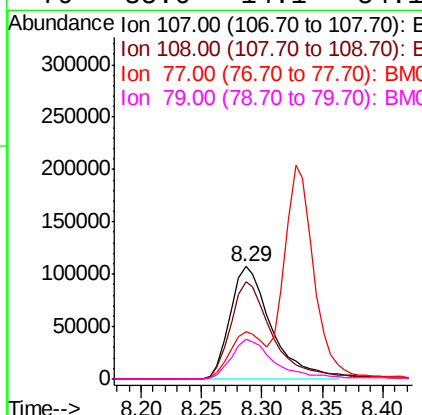
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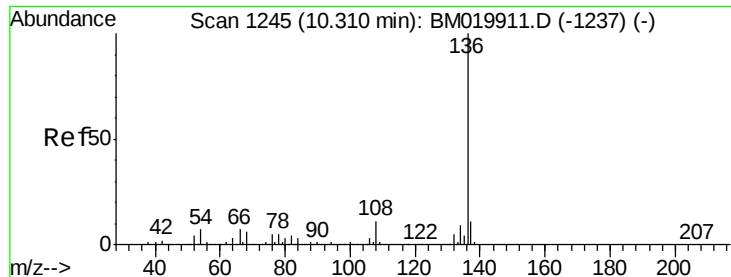
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#20
3+4-Methylphenols
Concen: 32.699 ng
RT: 8.29 min Scan# 901
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	67.4	107.4
77	41.6	19.7	59.7
79	35.6	14.1	54.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

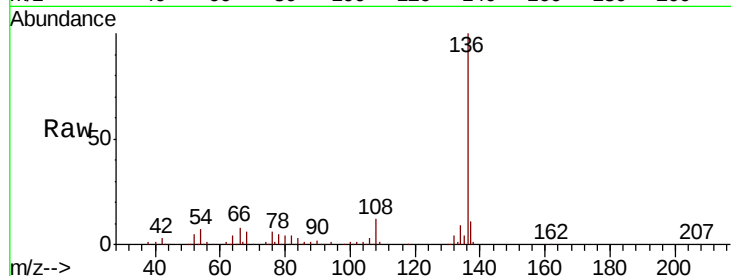
ClientSampleId :

PB119131BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0		9.0	13.6	
54	6.5		5.3	7.9	
68	5.9		5.2	7.8	

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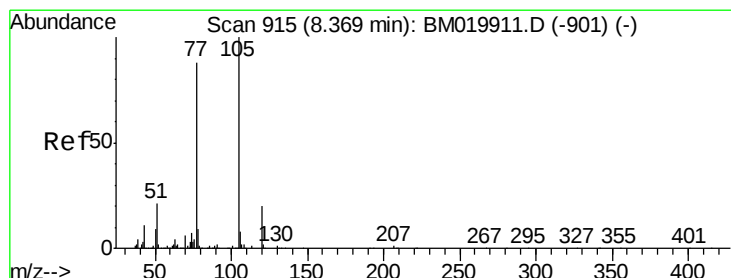
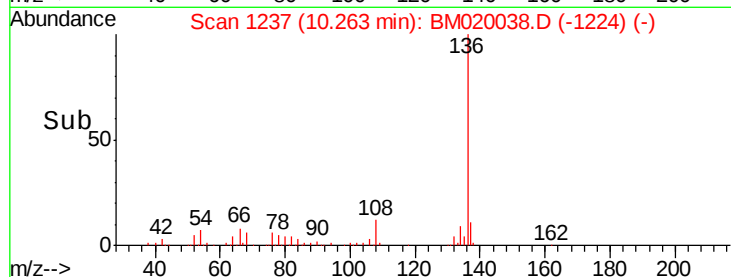
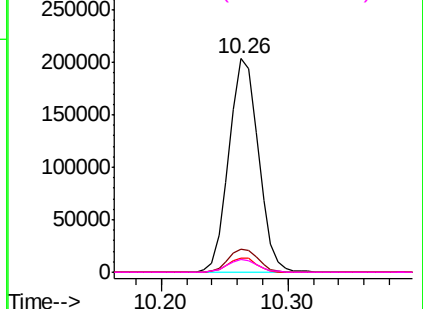
Abundance

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: 41.002 ng

RT: 8.33 min Scan# 908

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	1.5		0.8	1.2#	
51	22.3		16.9	25.3	
120	21.0		16.4	24.6	

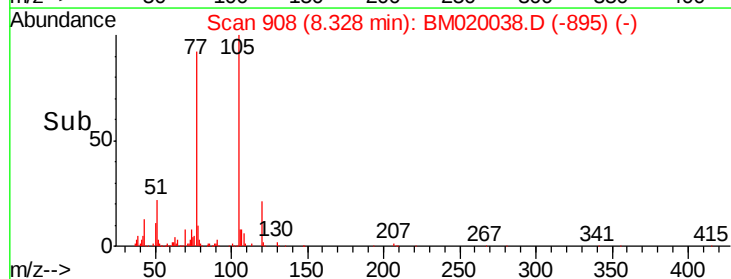
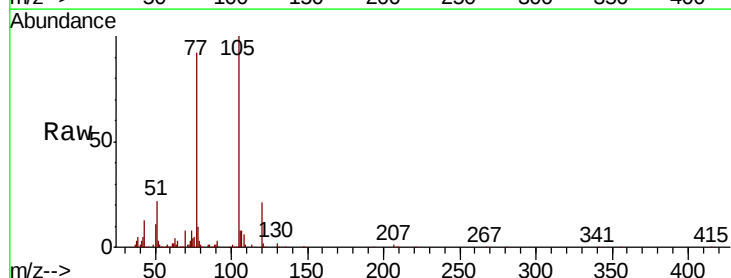
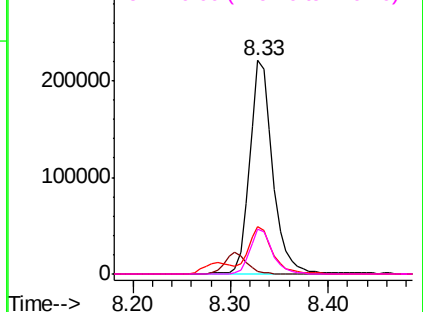
Abundance

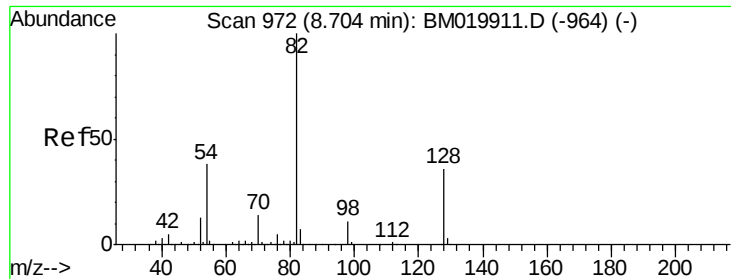
Ion 105.00 (104.70 to 105.70): E

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





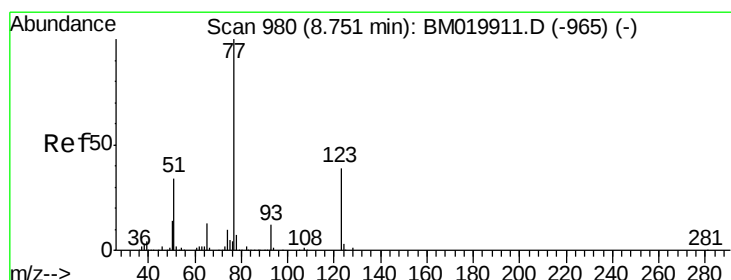
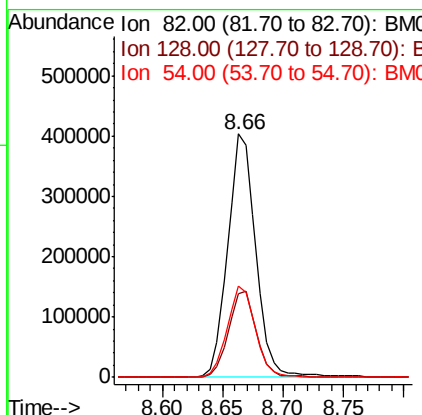
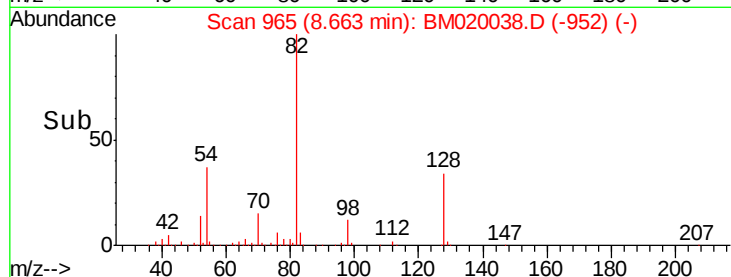
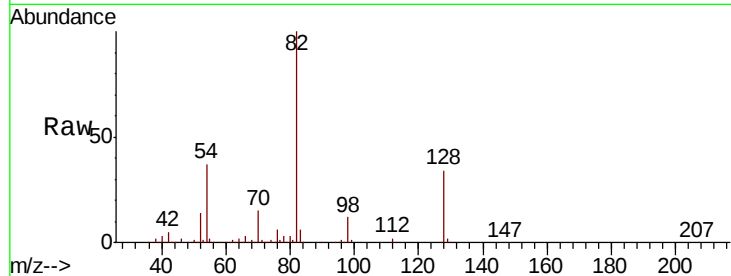
#23
 Nitrobenzene-d5
 Concen: 89.109 ng
 RT: 8.66 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleID :
 PB119131BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.0	43.4
54	37.4	30.2	45.4

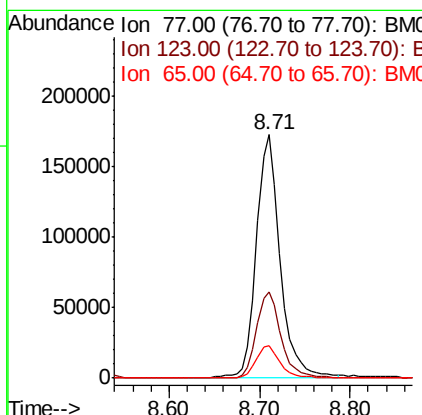
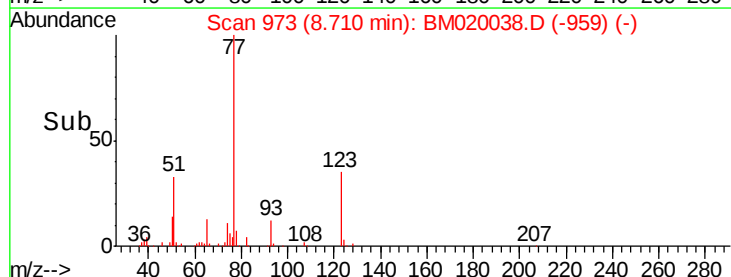
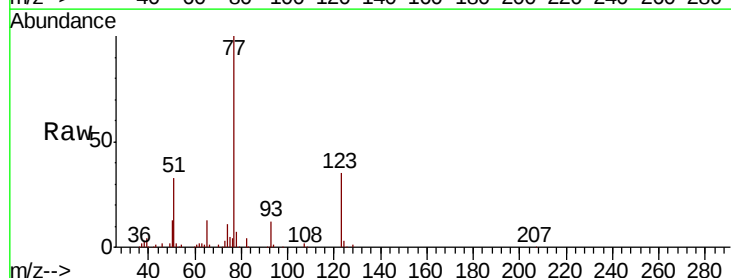
Manual Integrations
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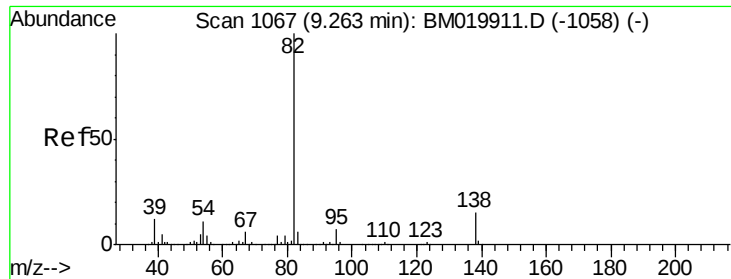
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#24
 Nitrobenzene
 Concen: 41.519 ng
 RT: 8.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.2	31.0	46.4
65	13.1	10.6	16.0





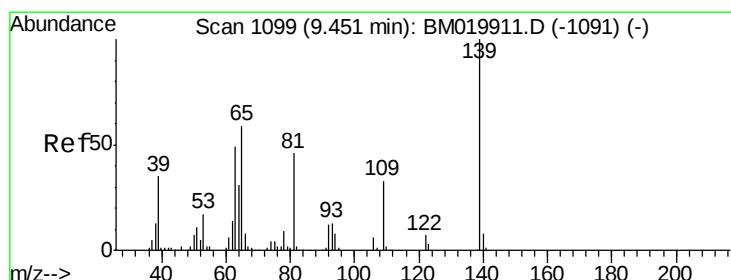
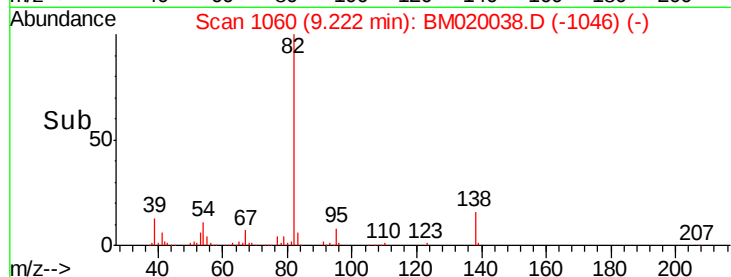
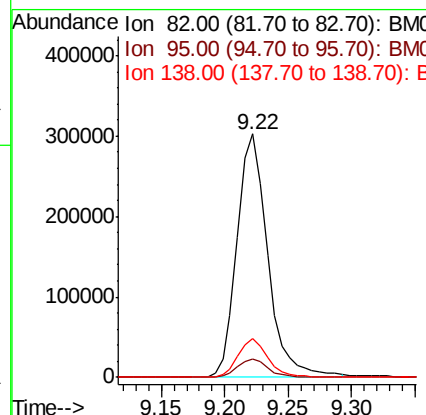
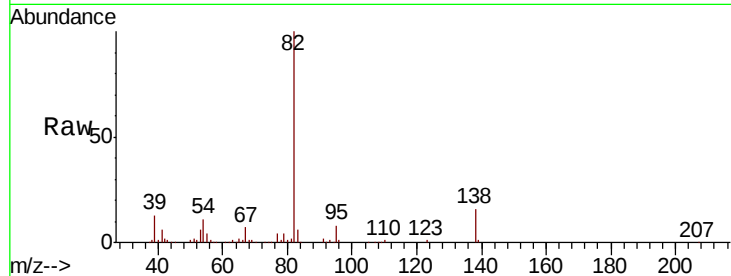
#25
Isophorone
Concen: 35.700 ng
RT: 9.22 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	509539		
95	7.7		5.5	8.3
138	15.7		12.2	18.2

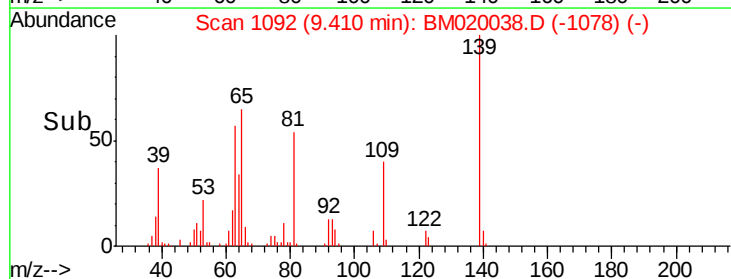
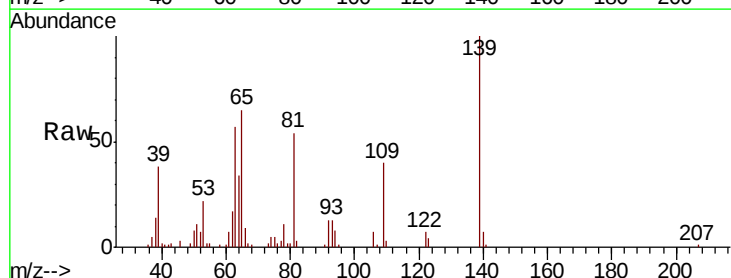
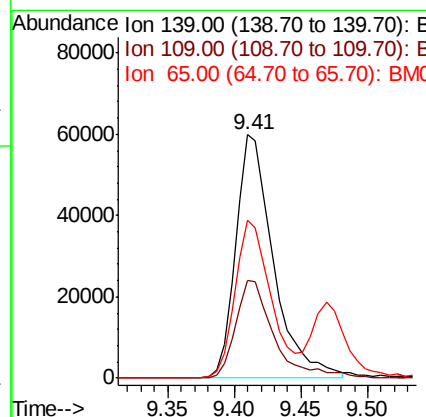
Manual Integrations
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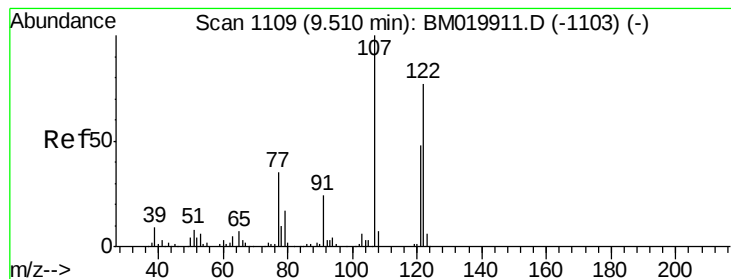
Sohil
4/24/2019 11:49:12 AM



#26
2-Nitrophenol
Concen: 36.280 ng
RT: 9.41 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	117432		
109	39.9		26.3	39.5#
65	64.9		47.4	71.2





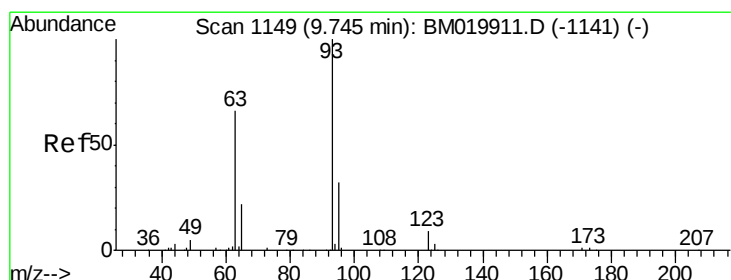
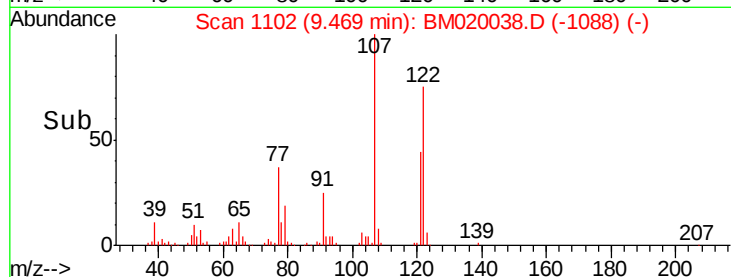
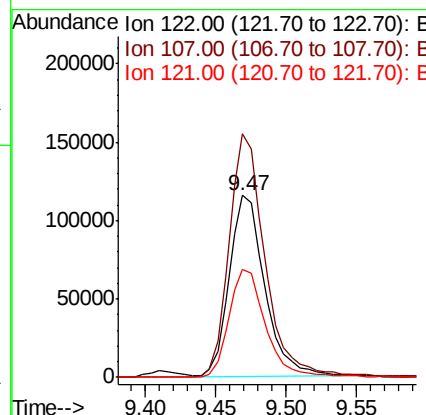
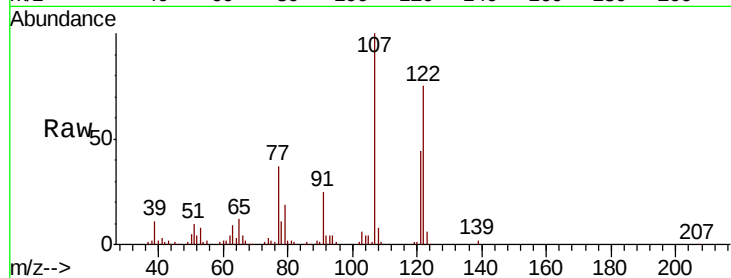
#27
2,4-Dimethylphenol
Concen: 43.888 ng
RT: 9.47 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.0	103.1	154.7
121	59.3	49.8	74.8

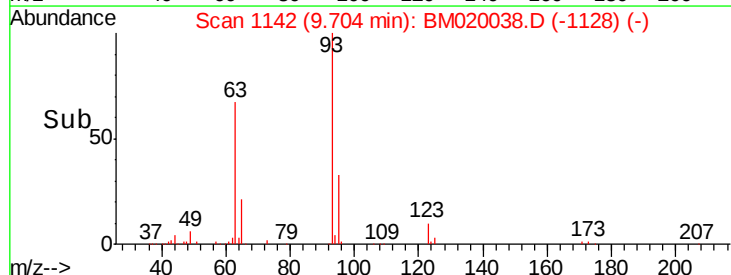
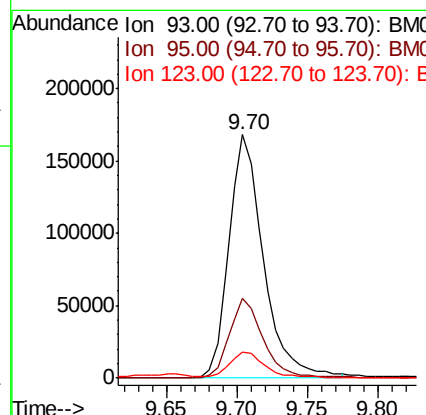
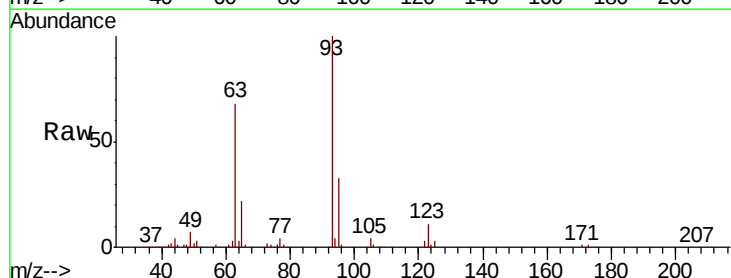
Manual Integrations
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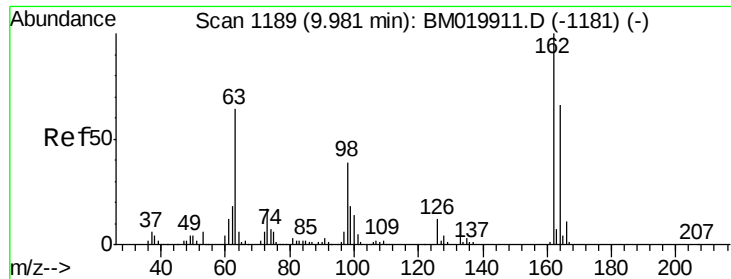
Sohil
4/24/2019 11:49:12 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.941 ng
RT: 9.70 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.8
123	10.8	8.2	12.2





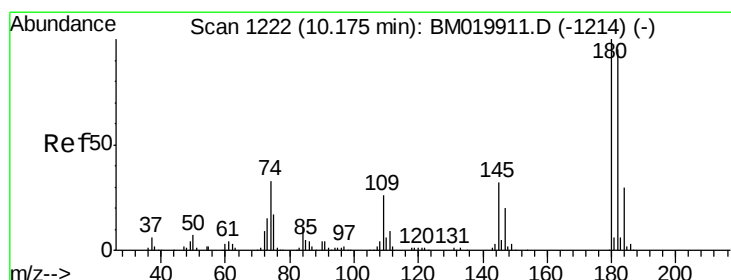
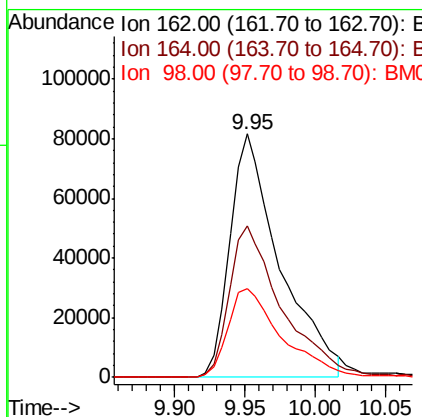
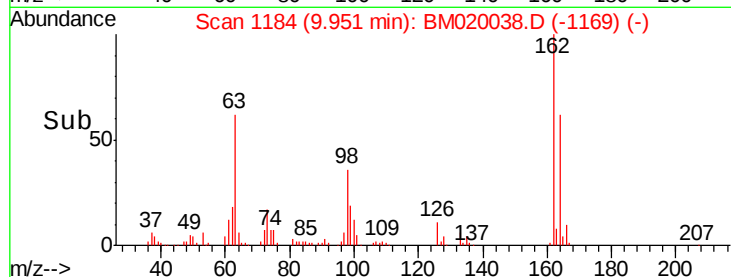
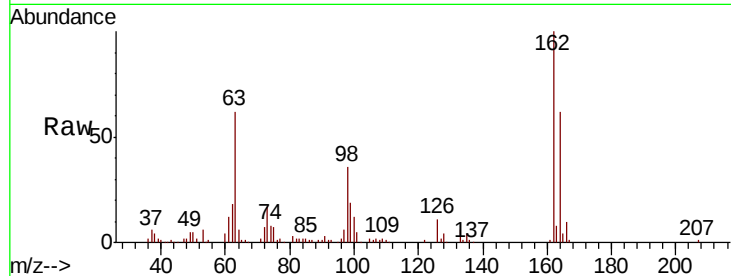
#29
2,4-Dichlorophenol
Concen: 38.862 ng
RT: 9.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleID :
PB119131BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	201994		
164	62.1	46.3	86.3	
98	36.4	19.2	59.2	

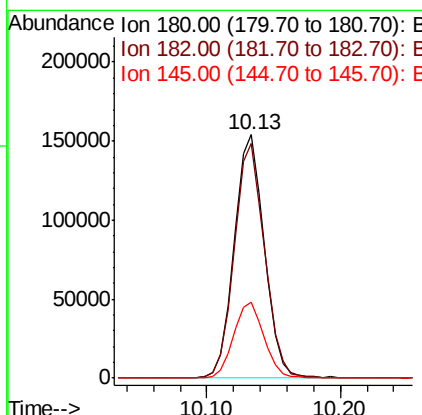
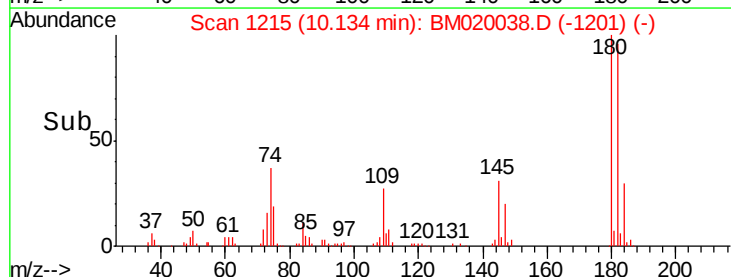
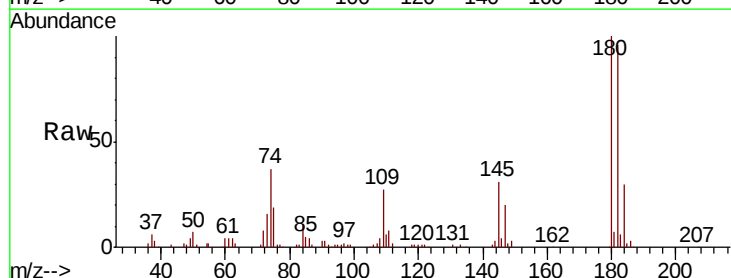
Manual Integrations
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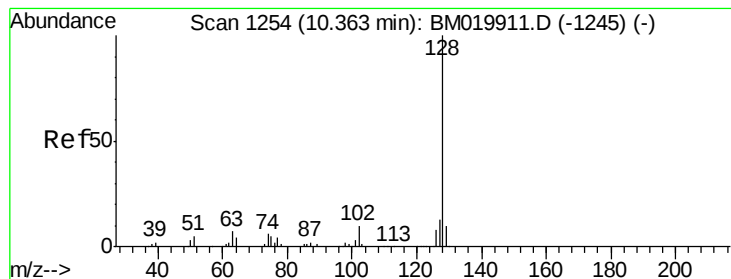
Sohil
4/24/2019 11:49:12 AM



#30
1,2,4-Trichlorobenzene
Concen: 43.277 ng
RT: 10.13 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	242106		
182	96.2	76.3	114.5	
145	31.3	25.5	38.3	





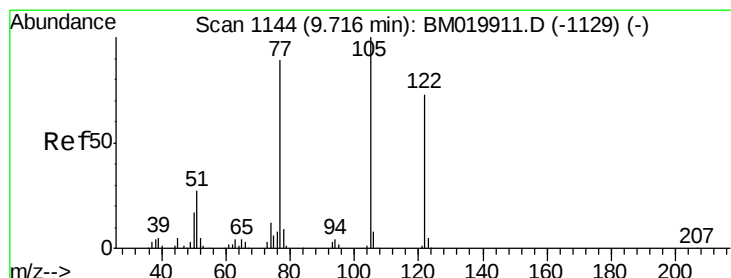
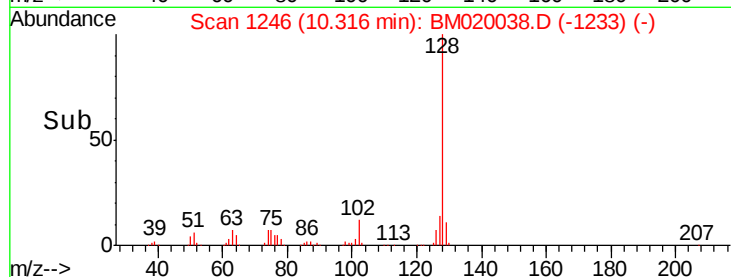
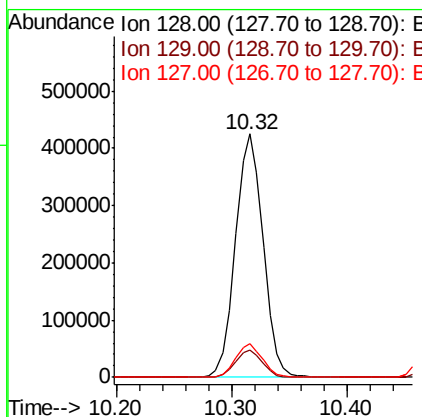
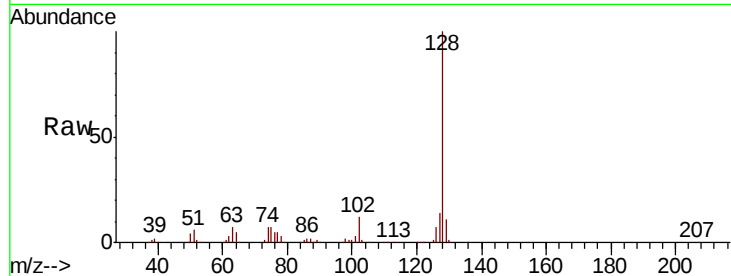
#31
Naphthalene
Concen: 40.078 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :
PB119131BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	13.6	10.4	15.6

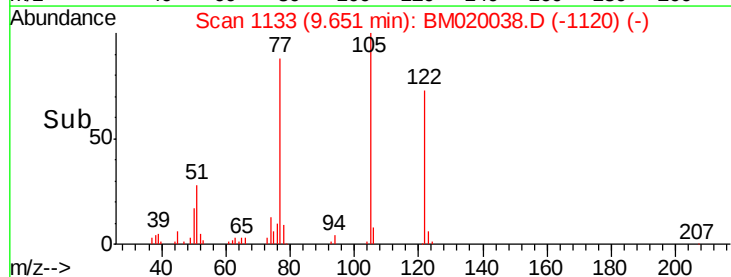
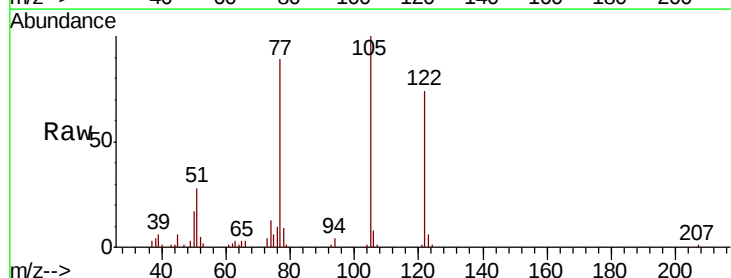
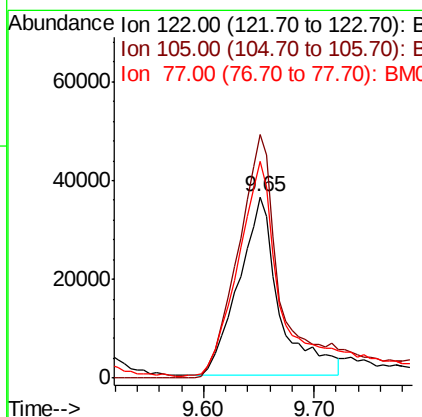
Manual Integrations
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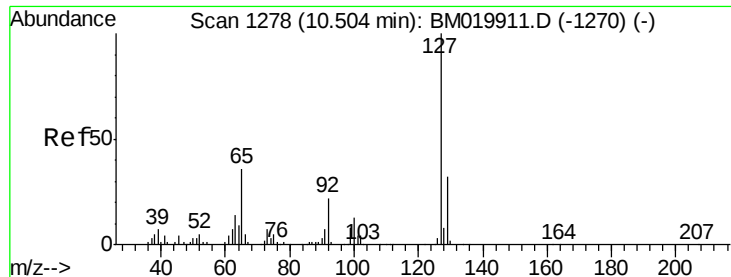
Sohil
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#32
Benzoic acid
Concen: 24.679 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	114.8	154.8
77	119.7	100.2	140.2





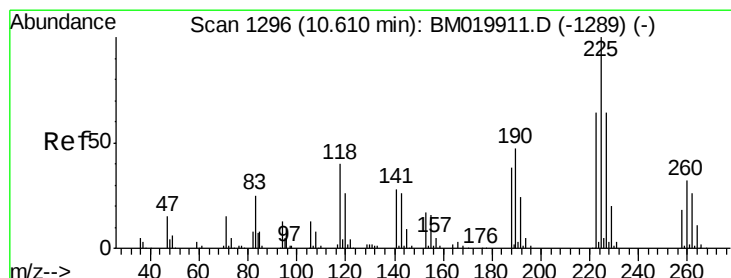
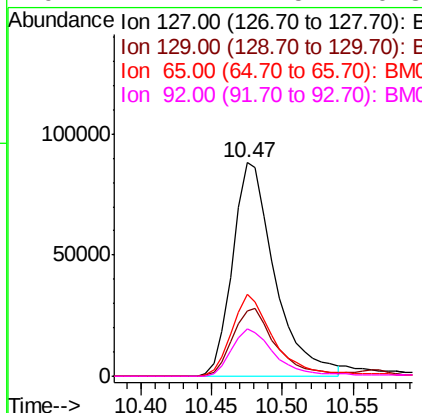
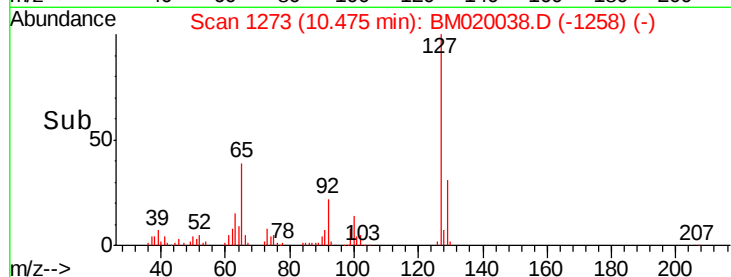
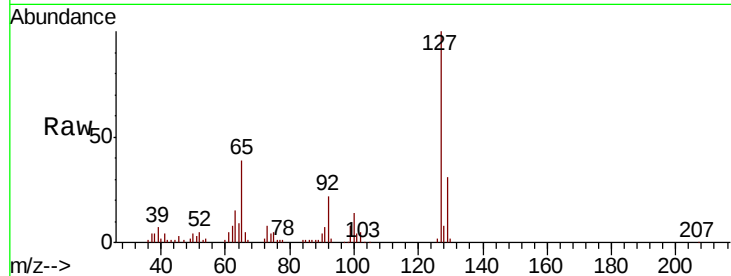
#33
4-Chloroaniline
Concen: 25.432 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :
PB119131BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.8	25.4	38.0		
65	38.6	29.2	43.8		
92	22.4	17.5	26.3		

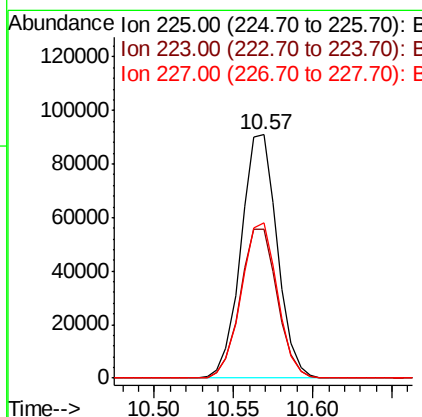
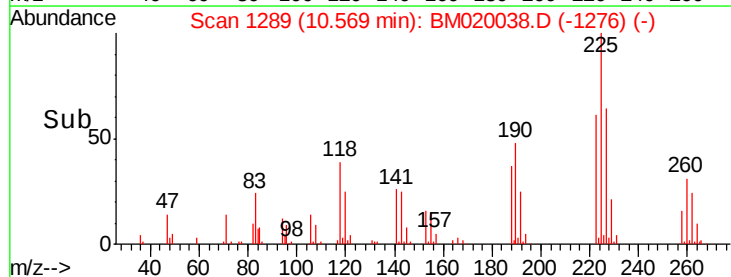
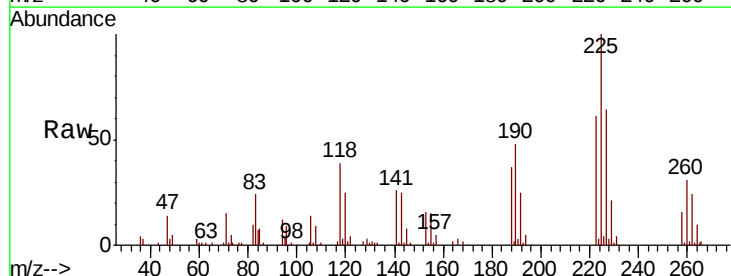
Manual Integrations
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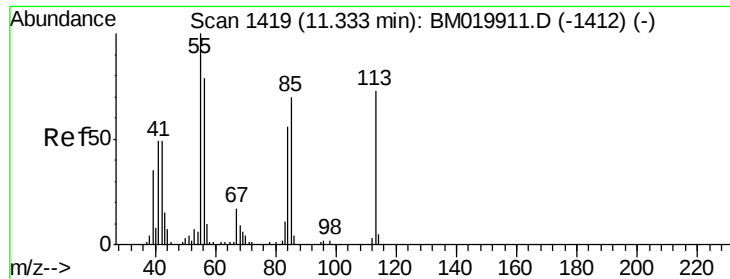
Sohil
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#34
Hexachlorobutadiene
Concen: 43.703 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	51.4	77.2		
227	63.9	51.0	76.6		





#35

Caprolactam

Concen: 31.002 ng/ml

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

PB119131BS

Tot Ion:113 Resp: 60996

Ion Ratio Lower Upper

113 100

55 114.9 117.1 157.1#

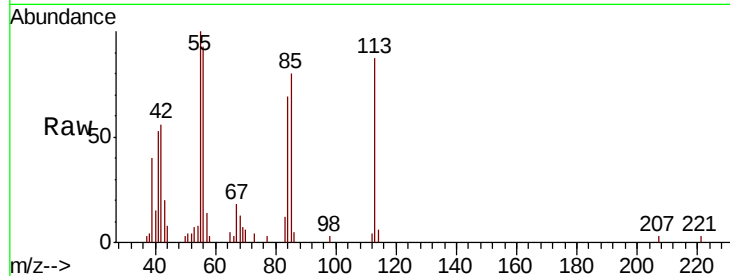
56 107.1 88.2 128.2

Manual Integrations

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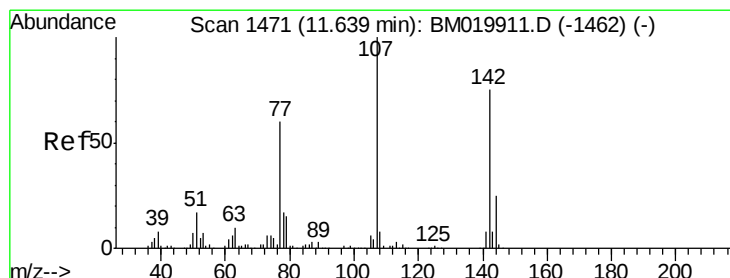
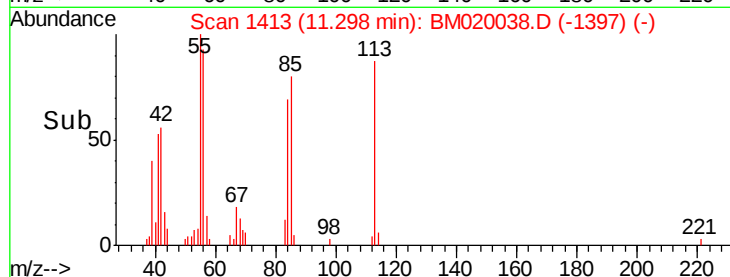
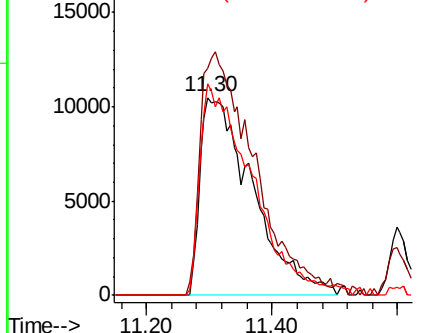
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 35.195 ng/ml

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

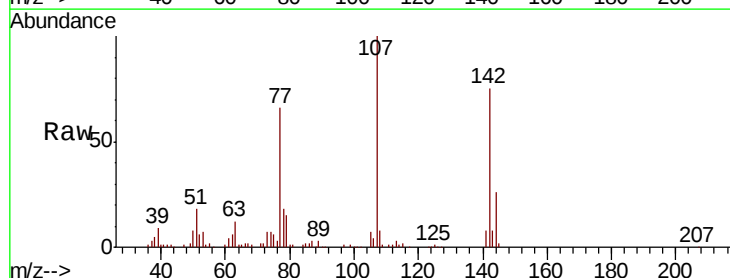
Tgt Ion:107 Resp: 227301

Ion Ratio Lower Upper

107 100

144 25.8 19.8 29.8

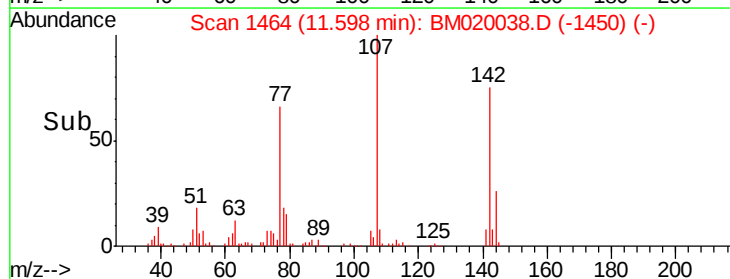
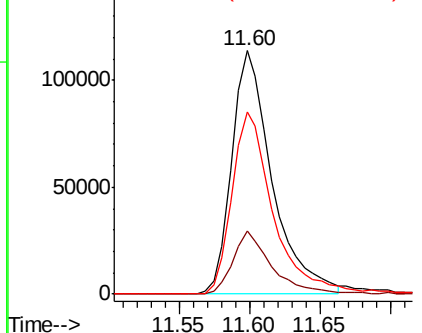
142 74.6 60.3 90.5

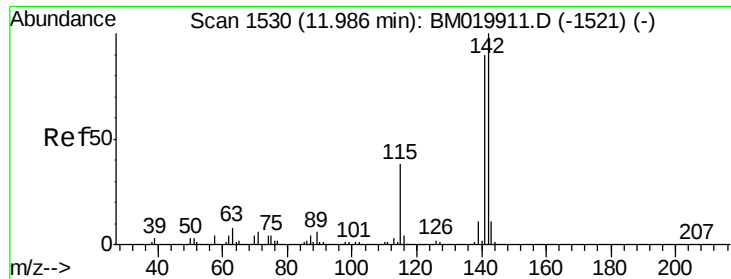


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





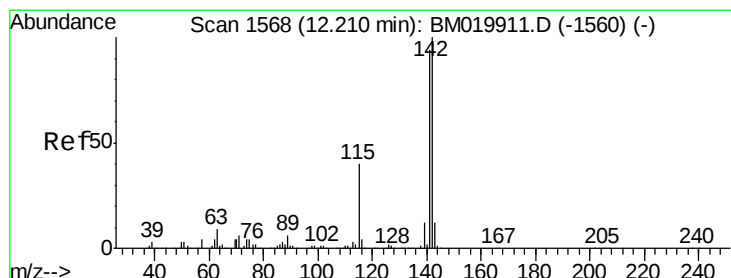
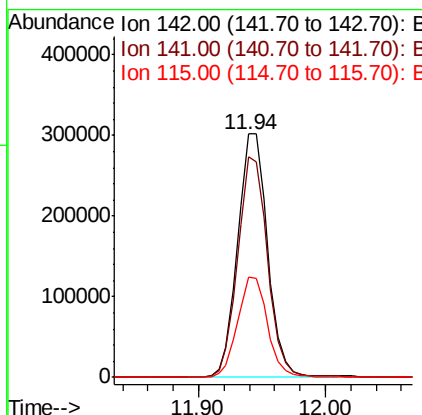
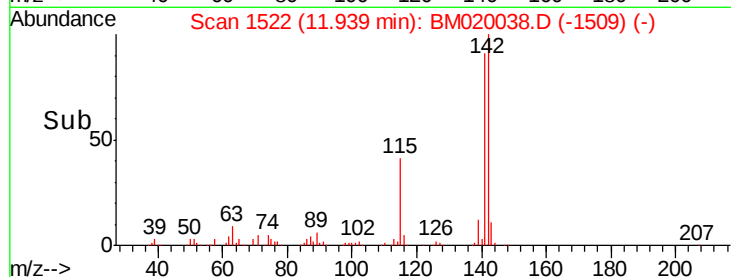
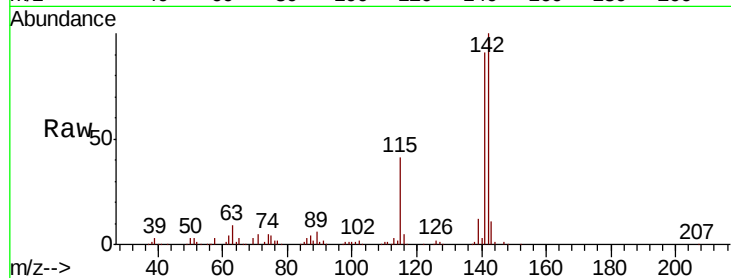
#37
2-Methylnaphthalene
Concen: 38.670 ng
RT: 11.94 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.3	108.5
115	41.3	30.5	45.7

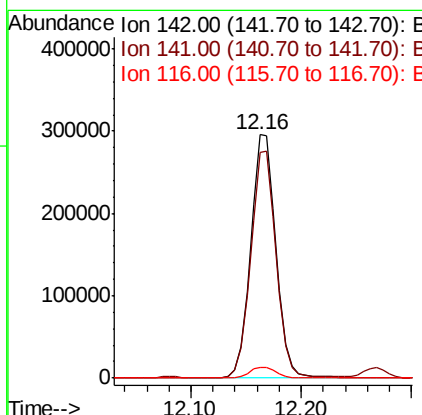
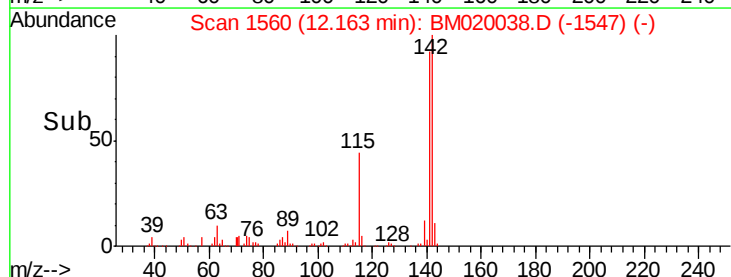
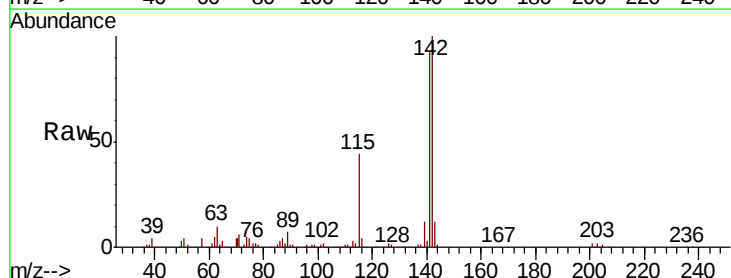
Manual Integrations
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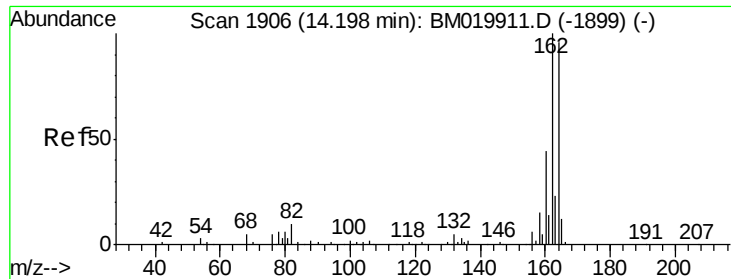
Sohil
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#38
1-Methylnaphthalene
Concen: 37.458 ng
RT: 12.16 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.7	113.5
116	4.5	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

PB119131BS

Tot Ion:164 Resp: 178493

Ion Ratio Lower Upper

164 100

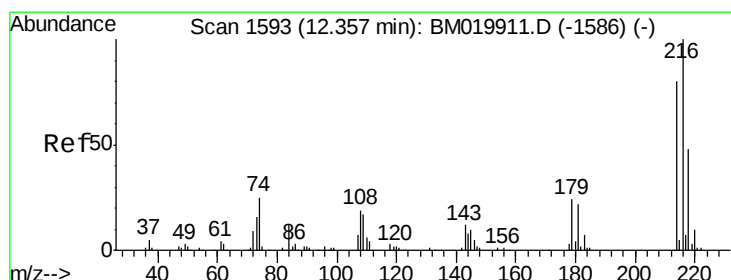
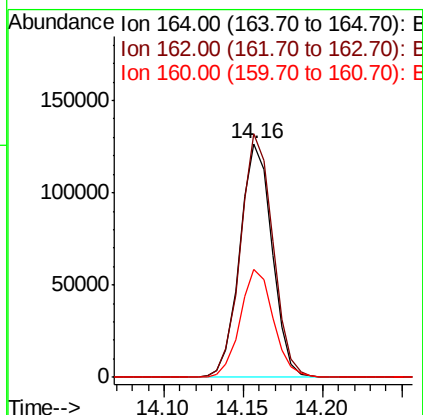
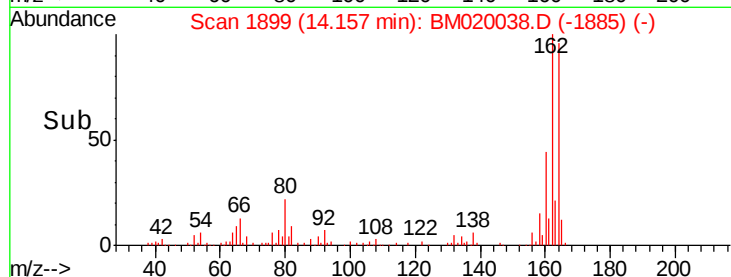
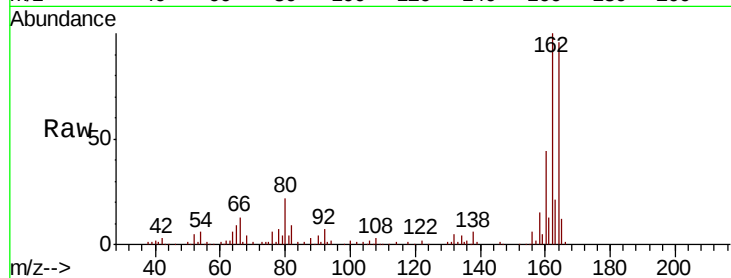
162 104.1 83.0 124.4

160 46.3 36.6 55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.416 ng

RT: 12.32 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion:216 Resp: 244571

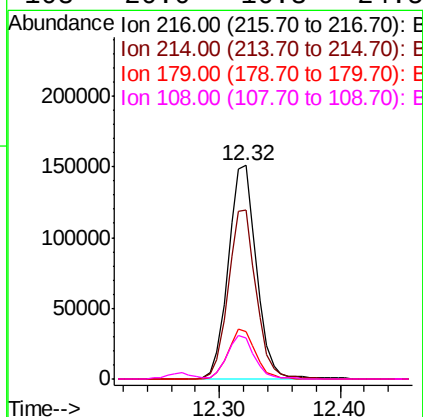
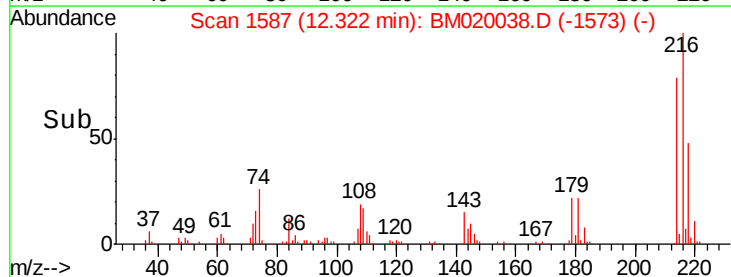
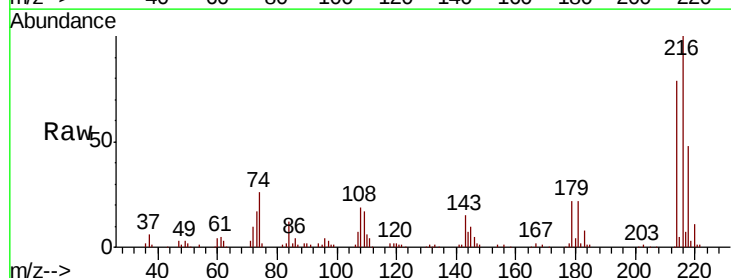
Ion Ratio Lower Upper

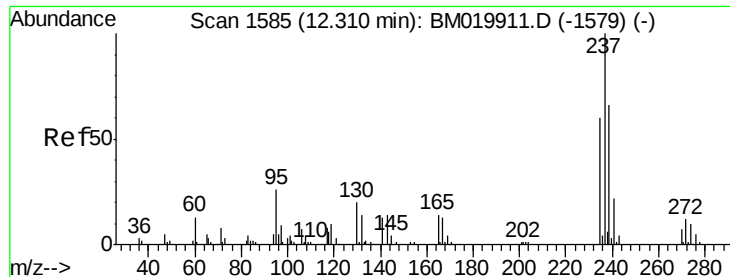
216 100

214 78.5 63.1 94.7

179 22.8 19.0 28.6

108 20.0 16.3 24.5





#41

Hexachlorocyclopentadiene

Concen: 71.148 ng

RT: 12.27 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

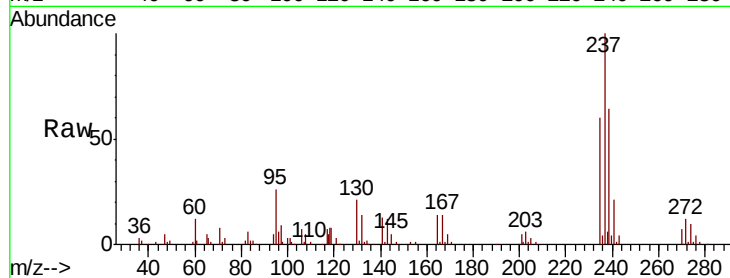
ClientSampleId :

PB119131BS

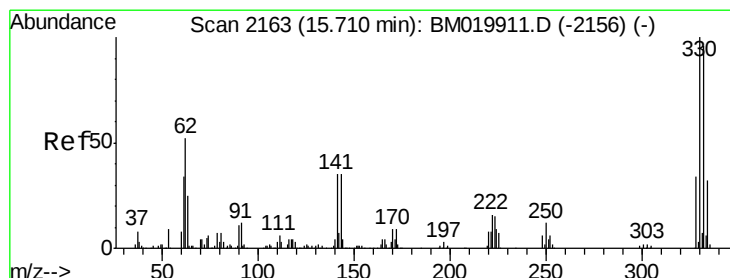
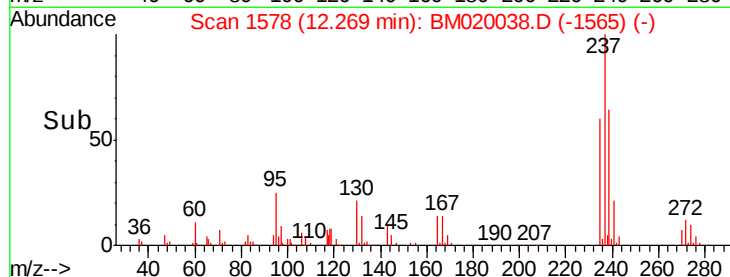
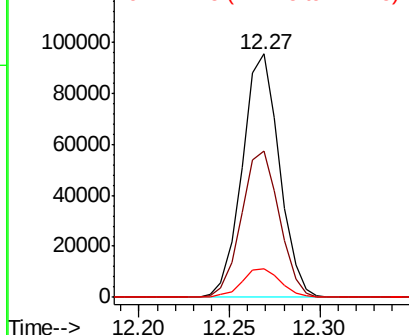
Tot Ion:	237	Resp:	135756
Ion Ratio	Lower	Upper	
237	100		
235	60.3	40.4	80.4
272	11.6	0.0	32.3

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: 125.424 ng

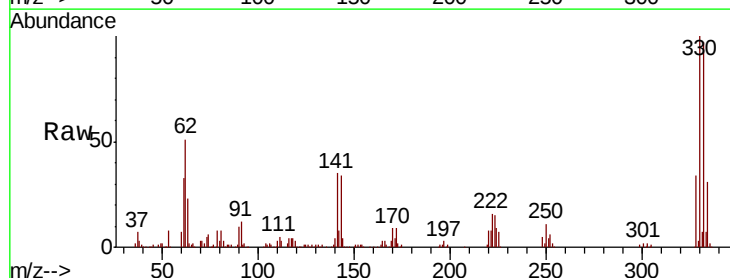
RT: 15.67 min Scan# 2157

Delta R.T. -0.02 min

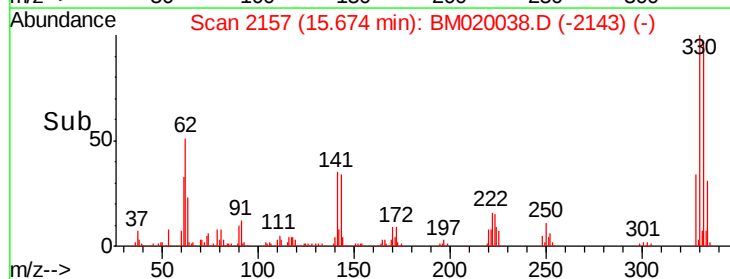
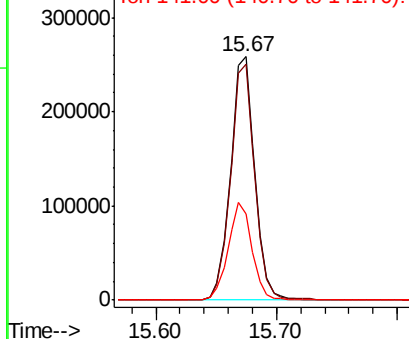
Lab File: BM020038.D

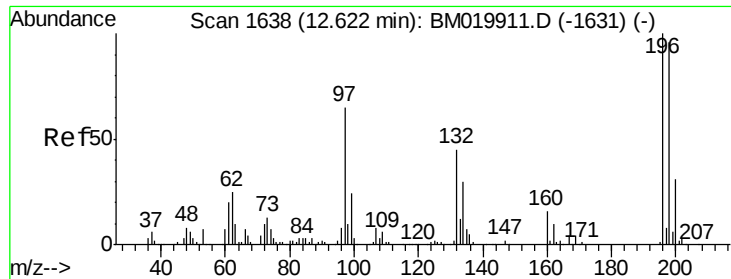
Acq: 23 Apr 2019 16:03

Tgt Ion:	330	Resp:	360374
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.4	116.2
141	39.4	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





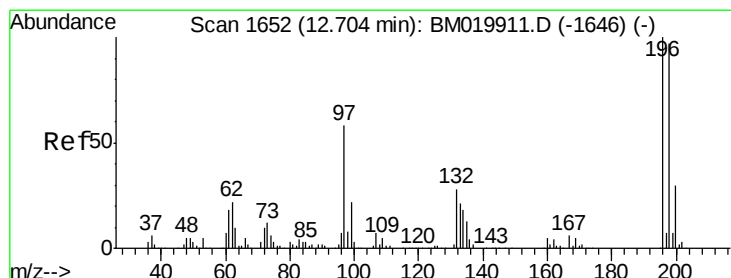
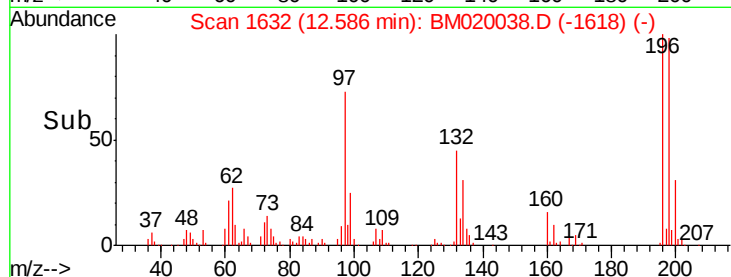
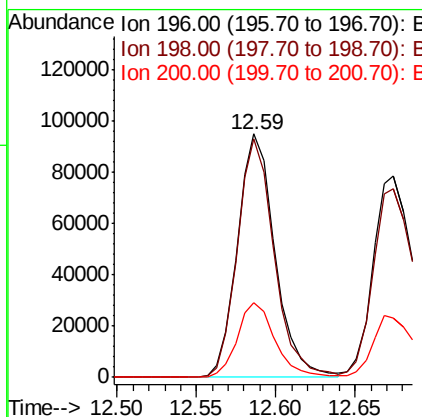
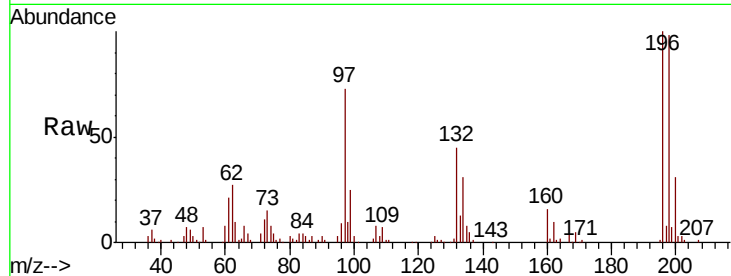
#43
 2,4,6-Trichlorophenol
 Concen: 41.958 ng
 RT: 12.59 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB119131BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	156638		
198	97.8	76.8	115.2	
200	30.9	24.6	37.0	

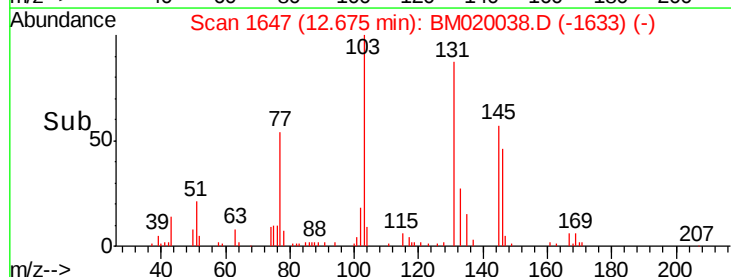
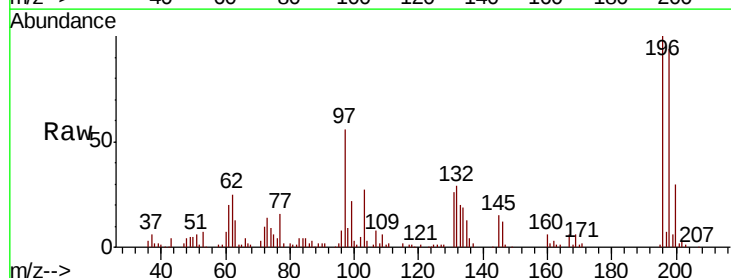
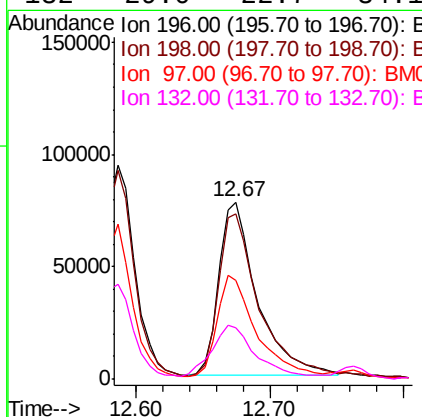
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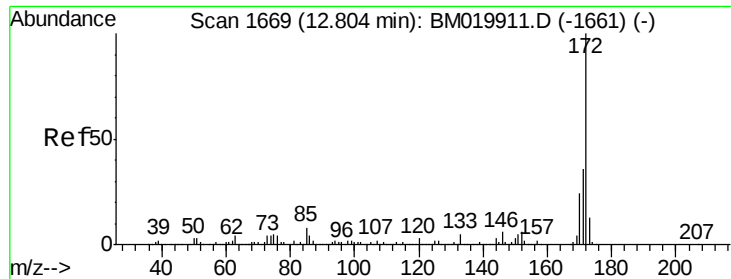
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#44
 2,4,5-Trichlorophenol
 Concen: 40.671 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158026		
198	93.6	77.8	116.8	
97	55.6	46.2	69.2	
132	29.0	22.7	34.1	





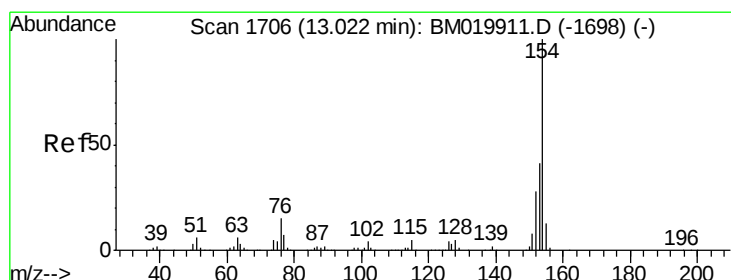
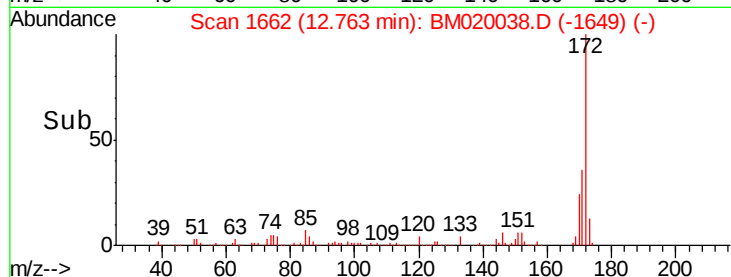
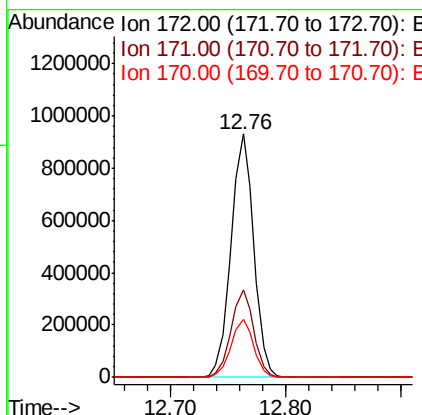
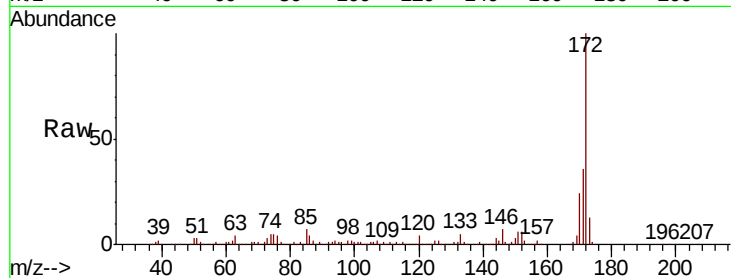
#45
2-Fluorobiphenyl
Concen: 88.442 ng
RT: 12.76 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.7	19.0	28.4

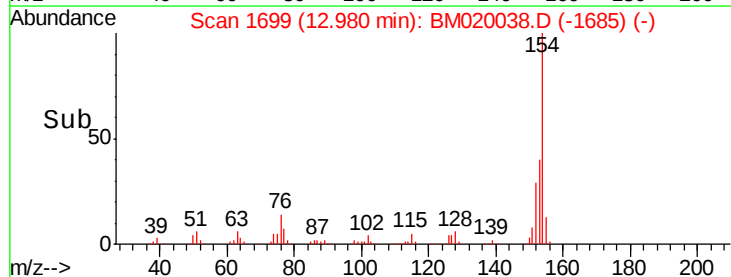
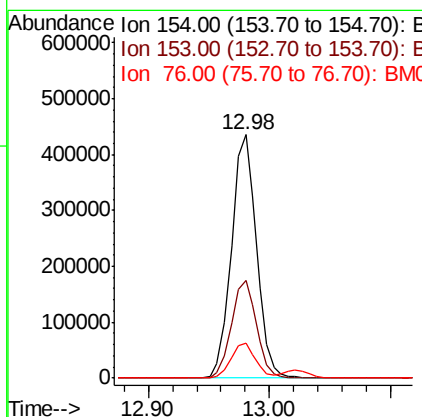
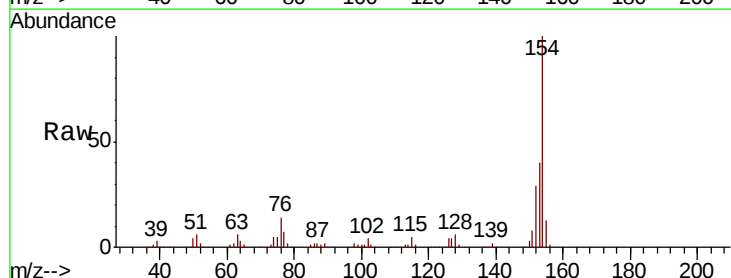
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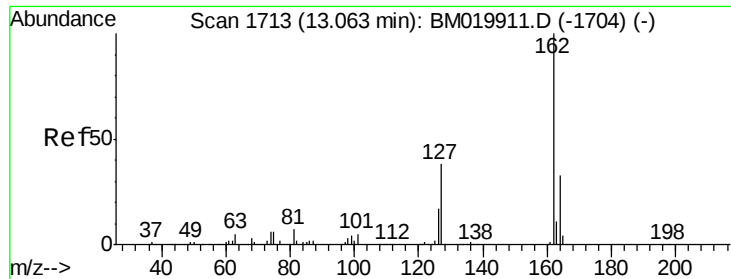
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#46
1,1'-Biphenyl
Concen: 40.778 ng
RT: 12.98 min Scan# 1699
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.0	61.0
76	14.1	0.0	34.8





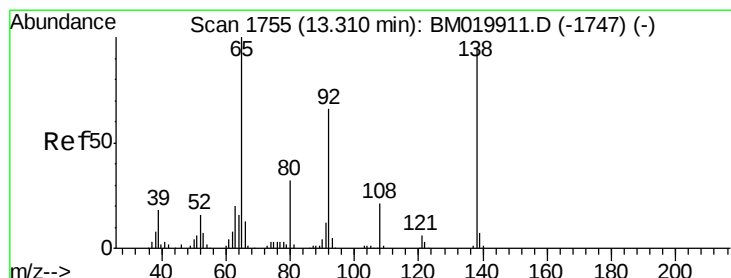
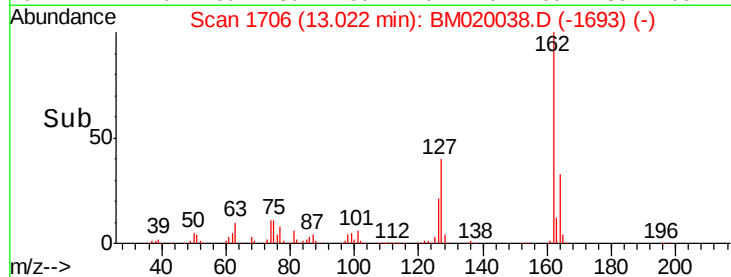
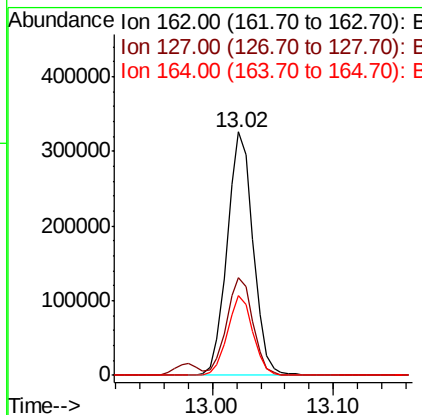
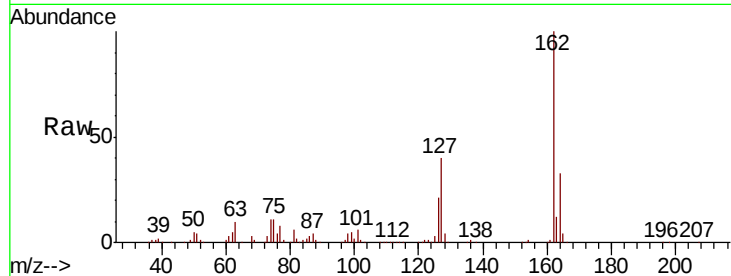
#47
 2-Chloronaphthalene
 Concen: 41.219 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB119131BS

Tot Ion:	162	Resp:	486072
Ion Ratio	Lower	Upper	
162	100		
127	40.4	32.3	48.5
164	32.7	26.3	39.5

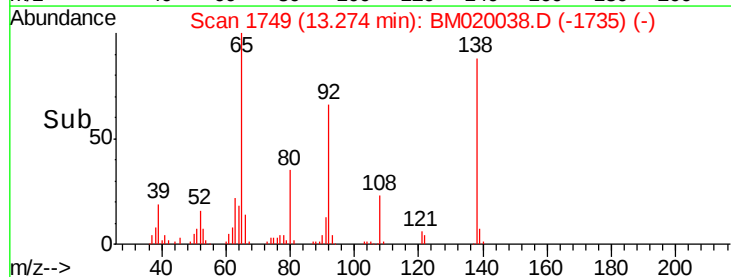
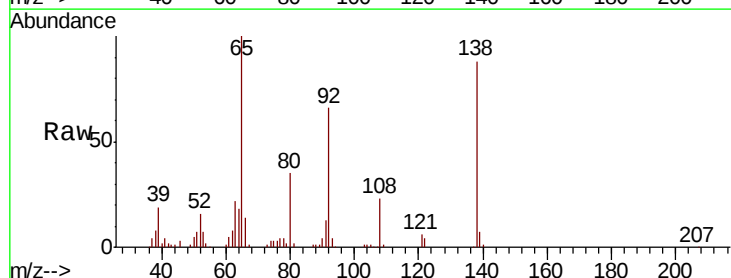
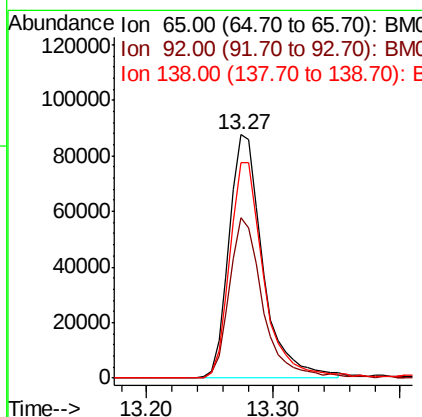
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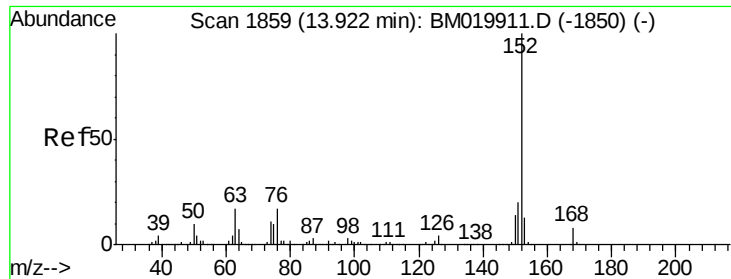
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#48
 2-Nitroaniline
 Concen: 38.203 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Tgt Ion:	65	Resp:	162384
Ion Ratio	Lower	Upper	
65	100		
92	65.6	52.9	79.3
138	88.4	75.8	113.6





#49

Acenaphthylene

Concen: 37.713 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

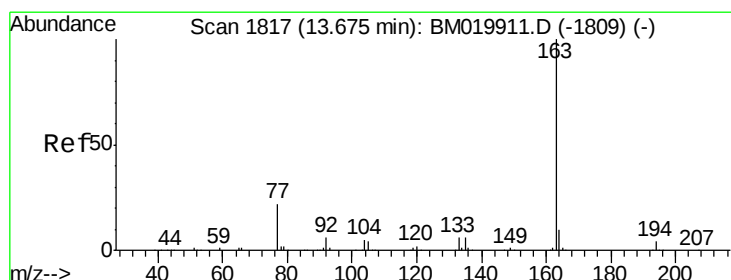
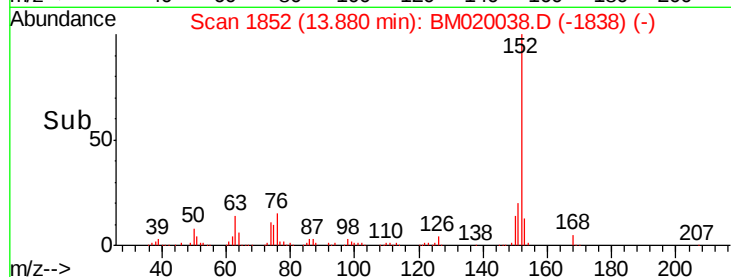
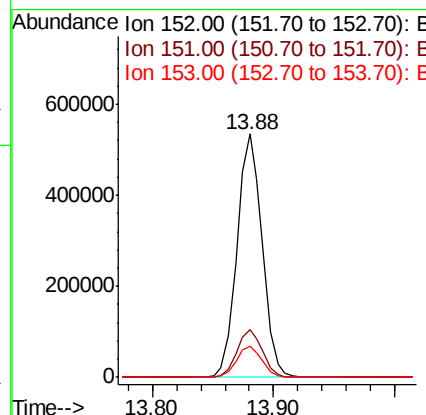
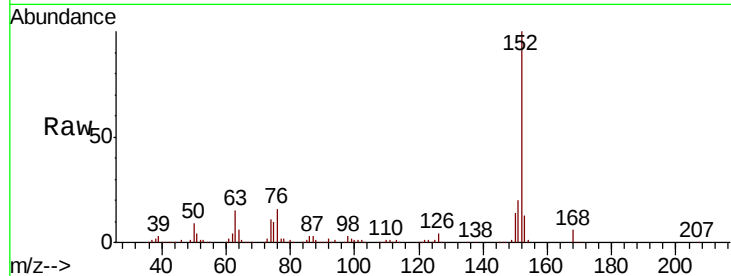
ClientSampleId :

PB119131BS

Tot Ion:	152	Resp:	773783
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.2
153	12.9	10.6	16.0

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#50

Dimethylphthalate

Concen: 38.369 ng

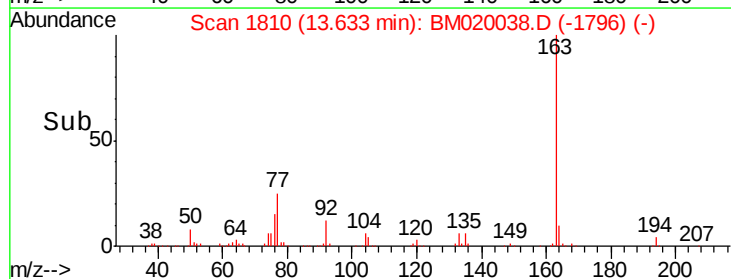
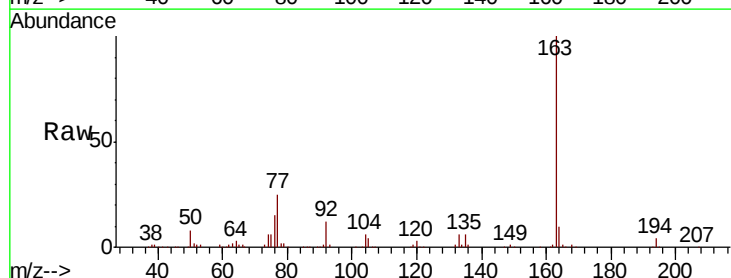
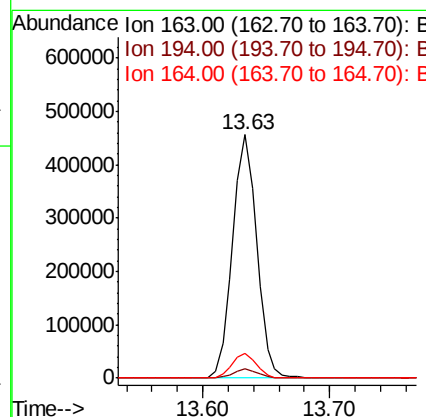
RT: 13.63 min Scan# 1810

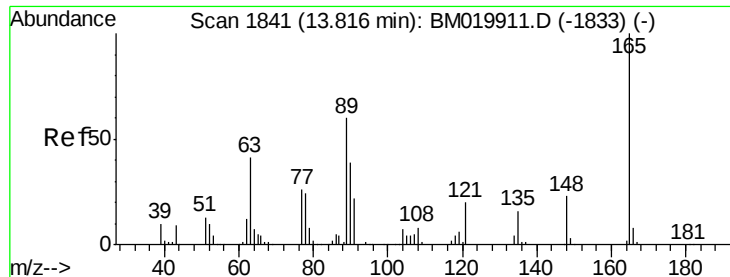
Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion:	163	Resp:	604095
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	10.0	7.9	11.9





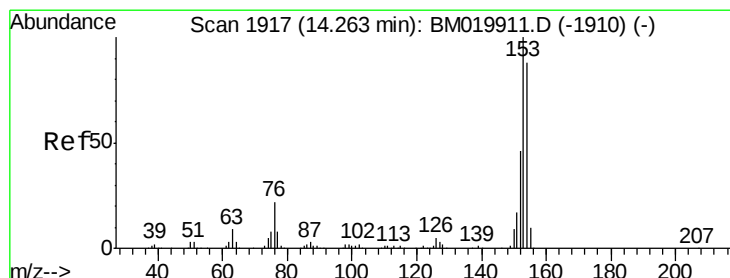
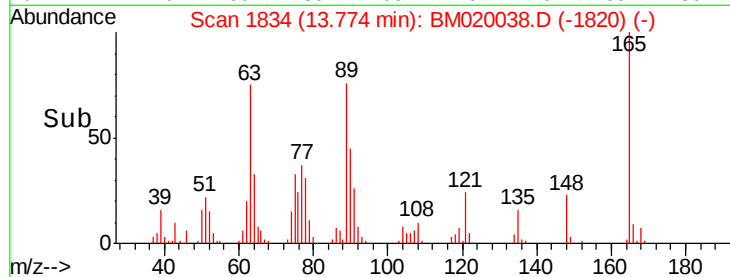
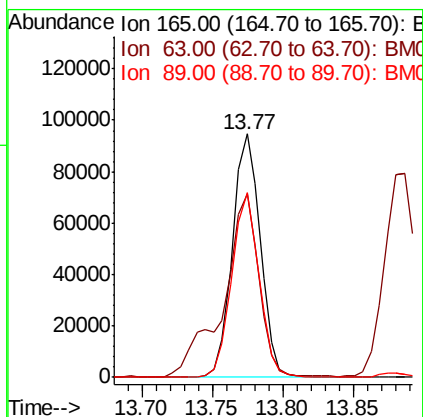
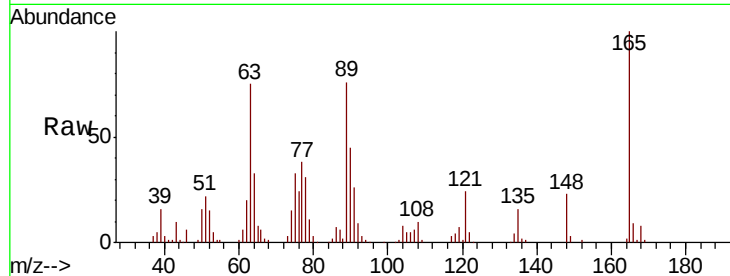
#51
2,6-Dinitrotoluene
Concen: 37.414 ng
RT: 13.77 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	75.3	48.5	72.7#	
89	75.8	48.2	72.4#	

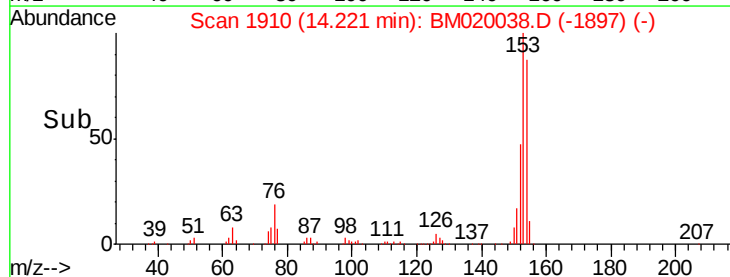
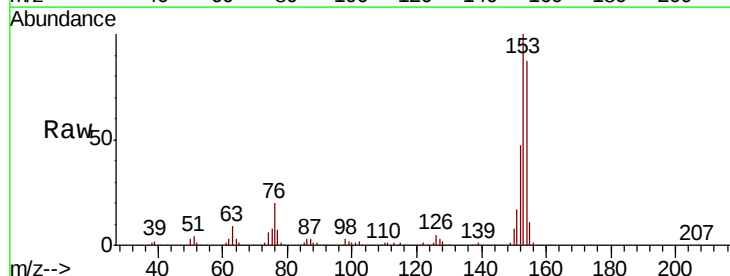
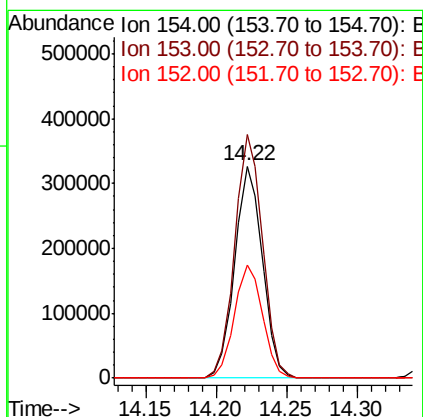
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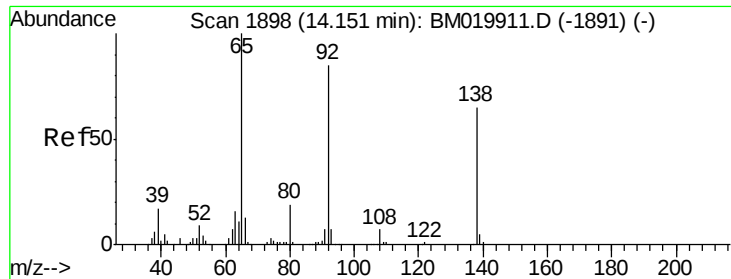
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#52
Acenaphthene
Concen: 39.285 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.8	91.0	136.4	
152	53.6	42.2	63.2	





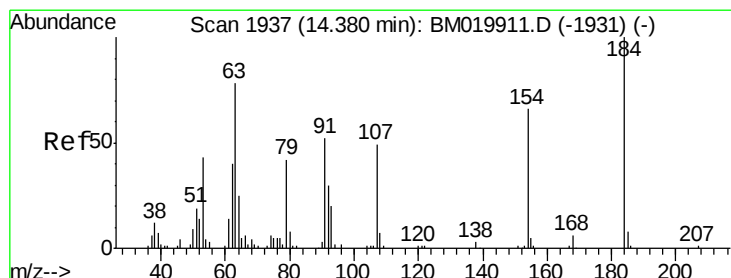
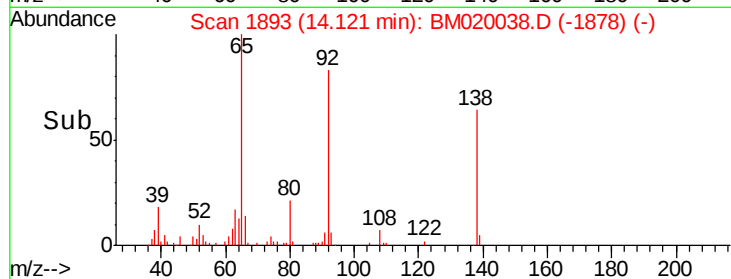
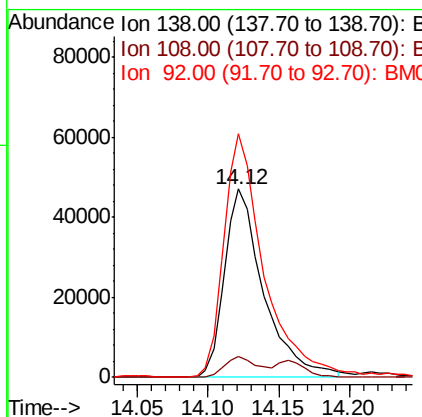
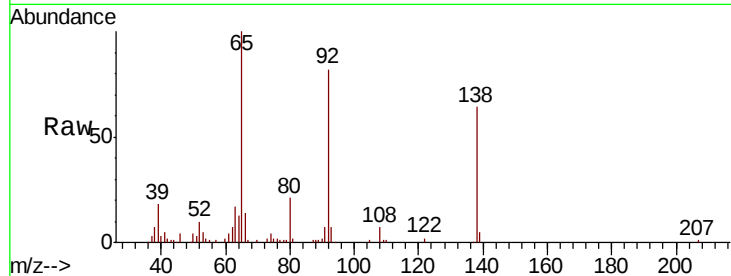
#53
 3-Nitroaniline
 Concen: 26.186 ng
 RT: 14.12 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB119131BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.9	13.3
92	129.3	103.8	155.8

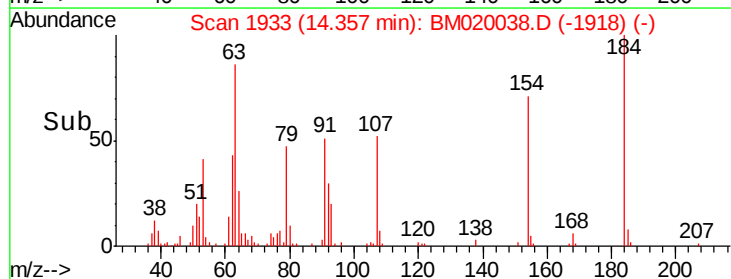
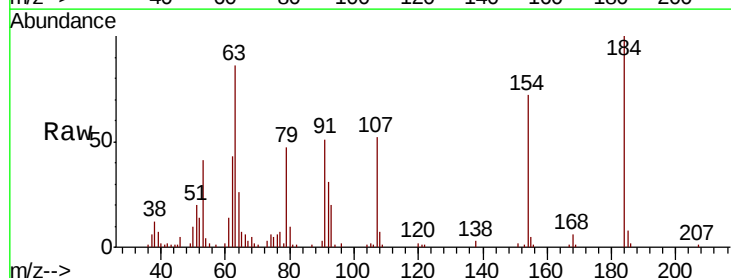
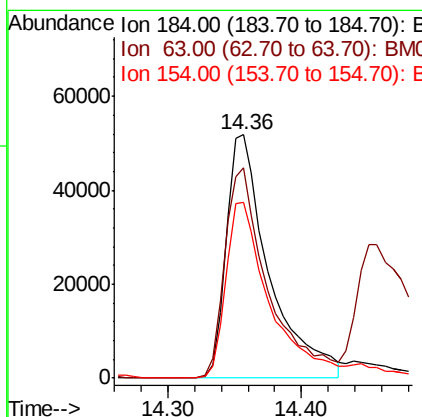
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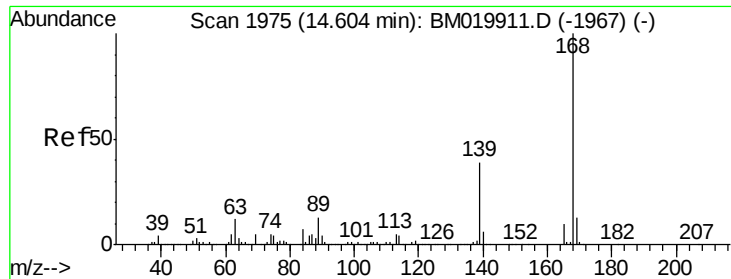
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#54
 2,4-Dinitrophenol
 Concen: 58.096 ng
 RT: 14.36 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	86.2	62.3	93.5
154	72.0	53.0	79.6





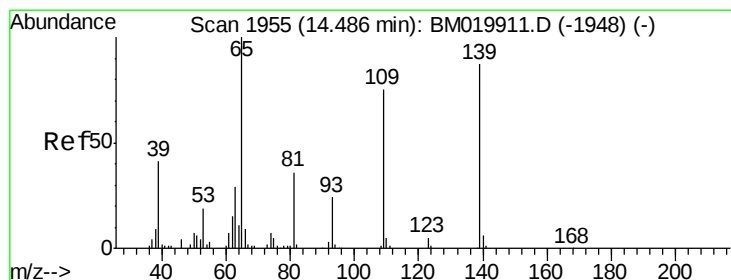
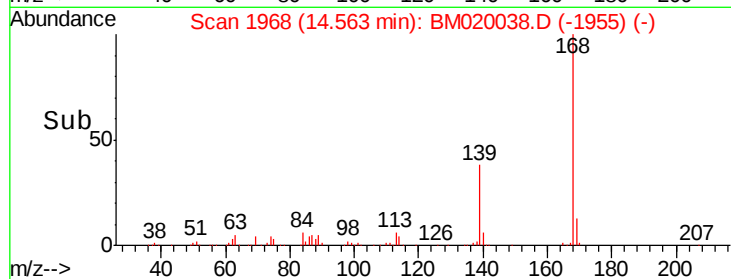
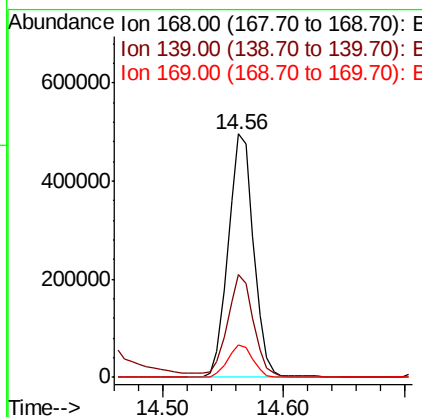
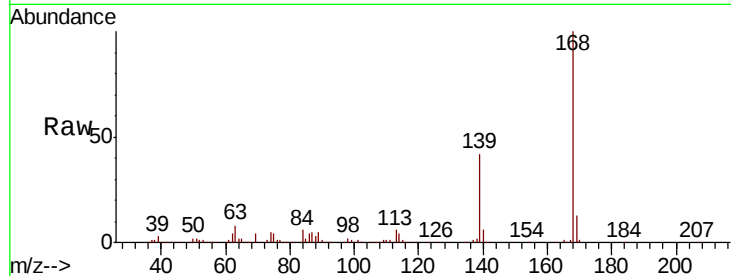
#55
Dibenzenofuran
Concen: 38.925 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.5	31.5	47.3
169	13.4	10.6	16.0

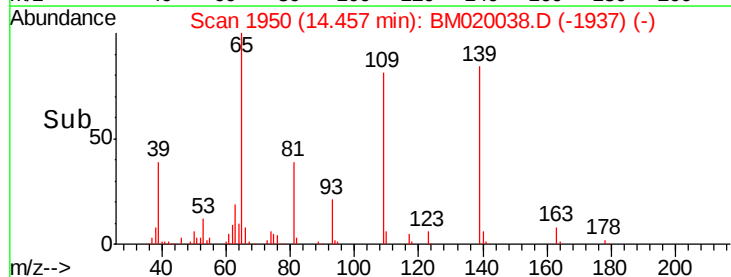
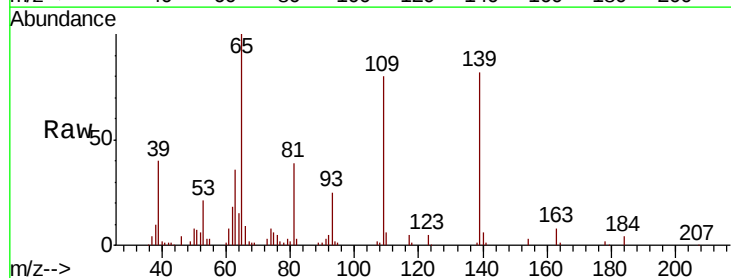
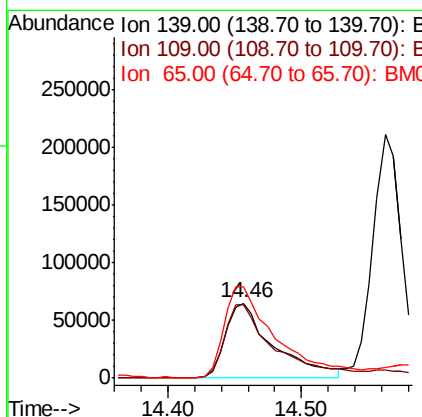
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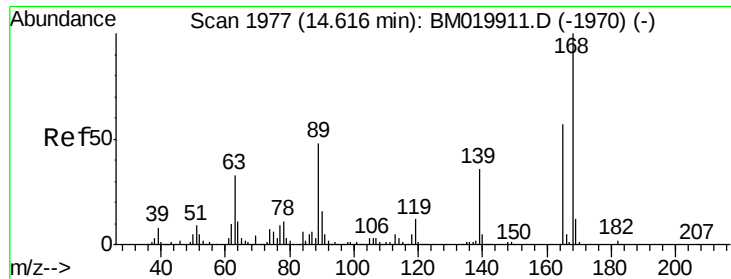
Sohil
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#56
4-Nitrophenol
Concen: 60.540 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.1	65.3	105.3
65	121.4	94.9	134.9





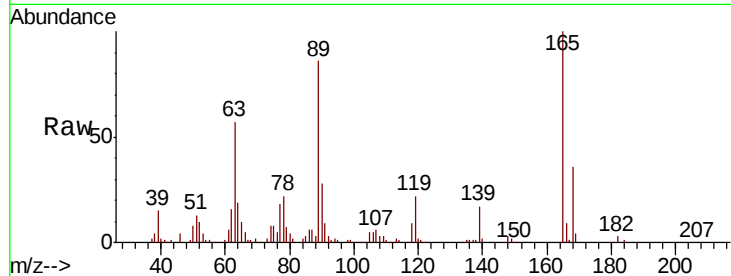
#57
2,4-Dinitrotoluene
Concen: 35.988 ng
RT: 14.59 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	180099		
63	56.8	46.0	69.0	
89	86.4	67.5	101.3	
182	2.7	2.4	3.6	

Manual Integrations
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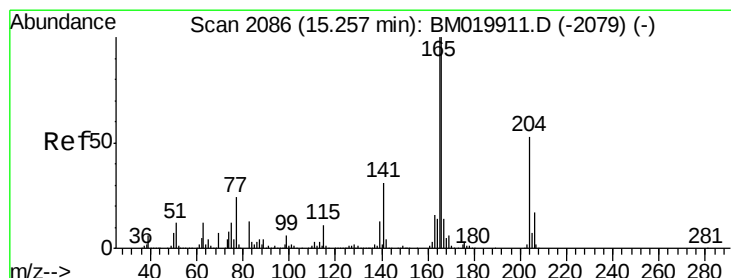
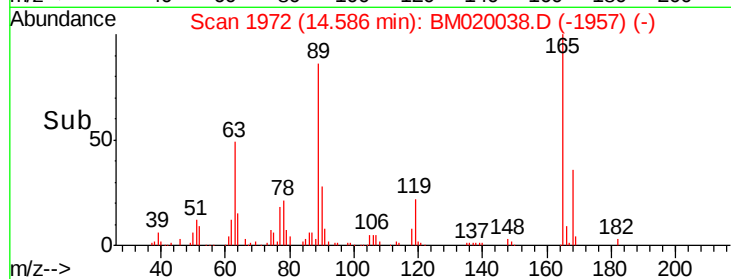
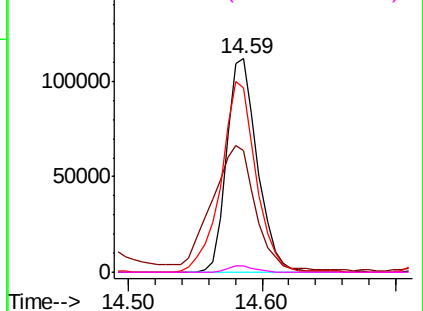
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

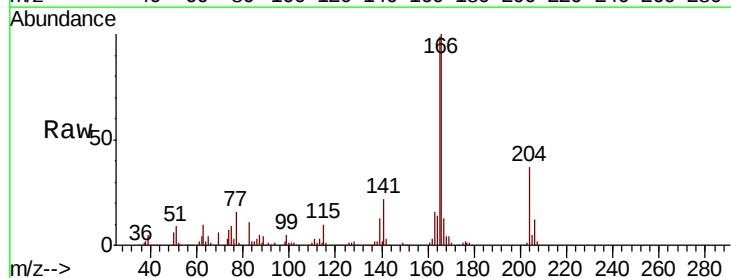
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.656 ng
RT: 15.22 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	593579		
165	98.7	80.1	120.1	
167	12.9	11.0	16.4	

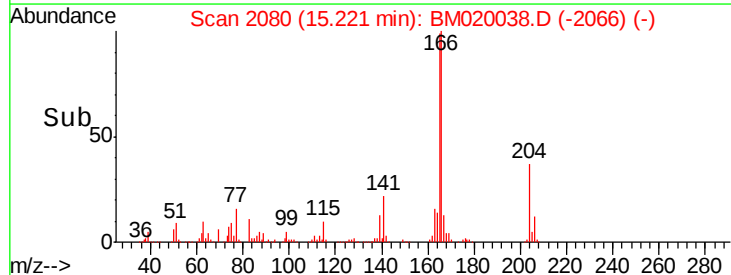
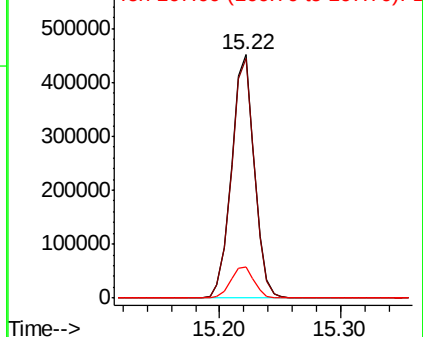


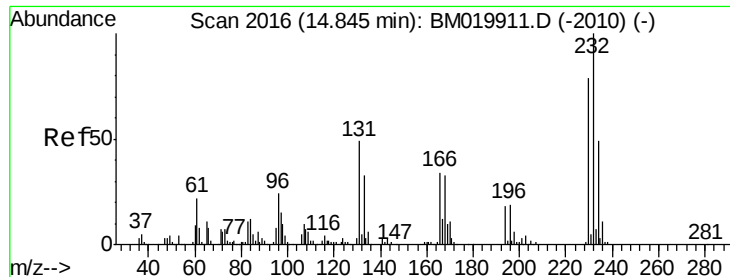
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





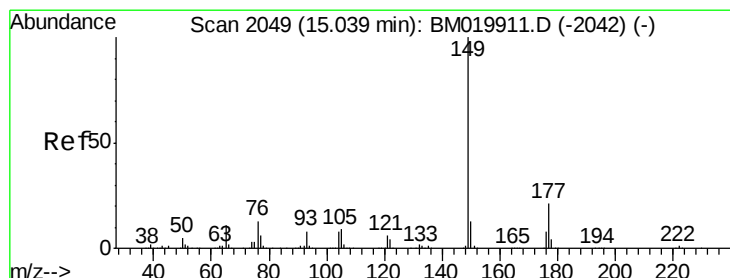
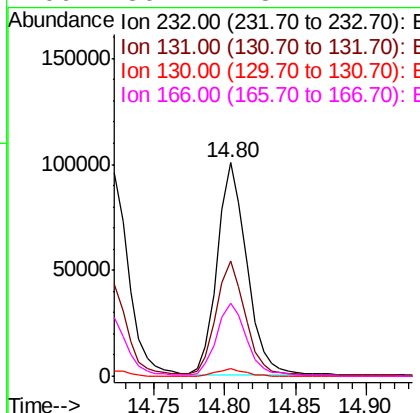
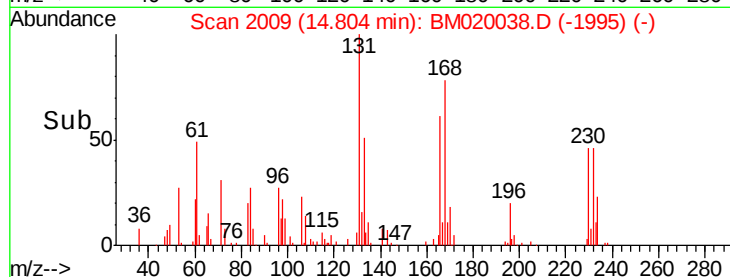
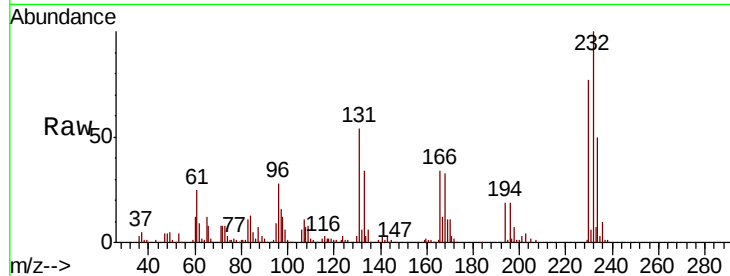
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.947 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :
PB119131BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	145166		
131	54.2	42.1	63.1	
130	3.2	2.2	3.4	
166	36.2	28.1	42.1	

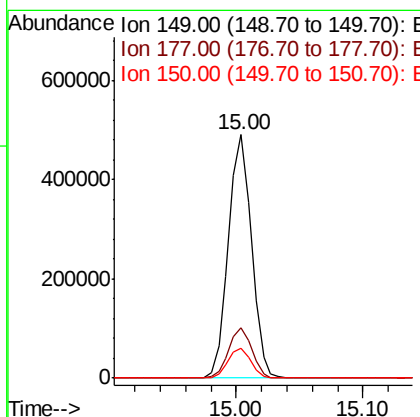
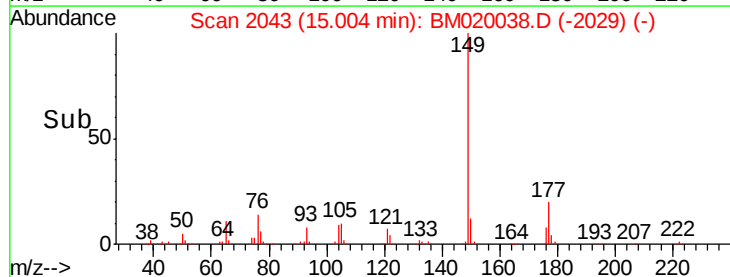
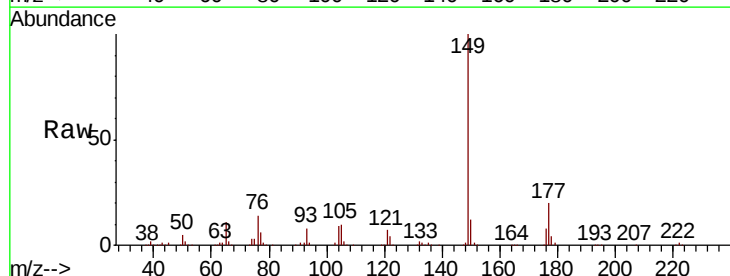
Manual Integrations
APPROVED

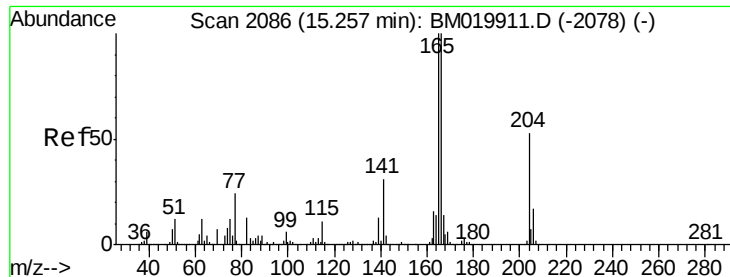
Sohil
4/24/2019 11:49:12 AM



#60
Diethylphthalate
Concen: 37.762 ng
RT: 15.00 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	618332		
177	20.5	16.6	25.0	
150	12.2	10.0	15.0	





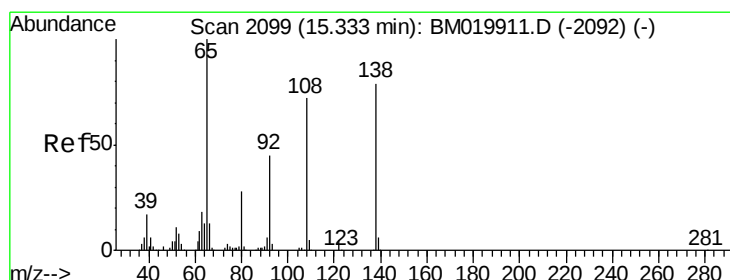
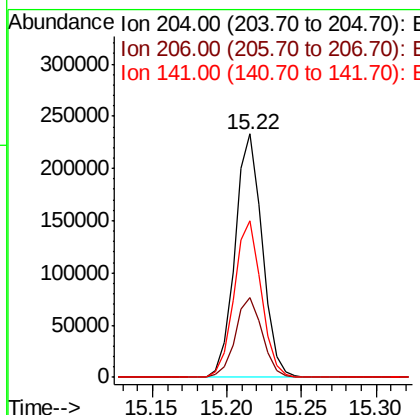
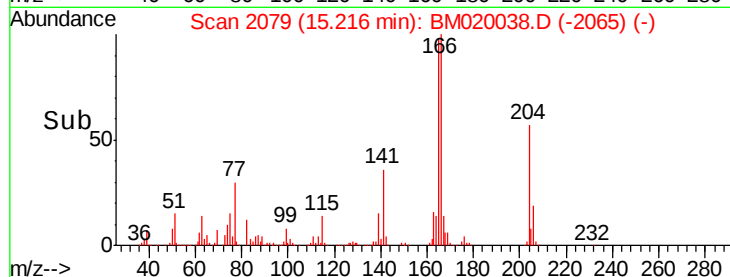
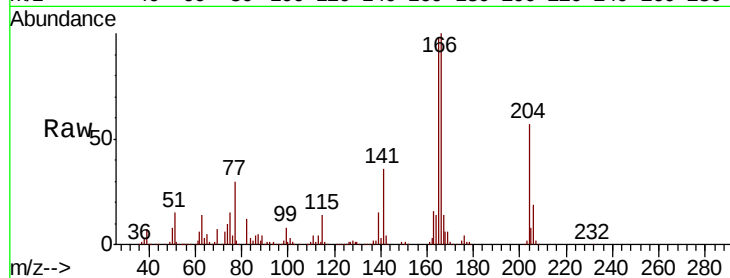
#61
4-Chlorophenyl-phenylether
Concen: 38.994 ng
RT: 15.22 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :
PB119131BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	295945		
206	32.8	25.8	38.8	
141	64.4	47.0	70.4	

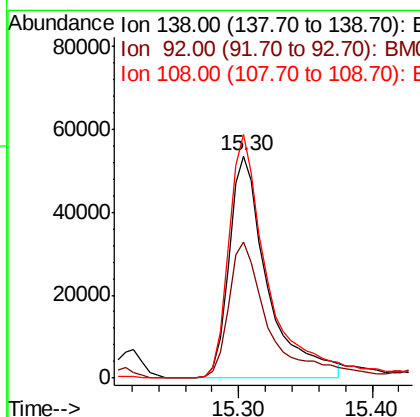
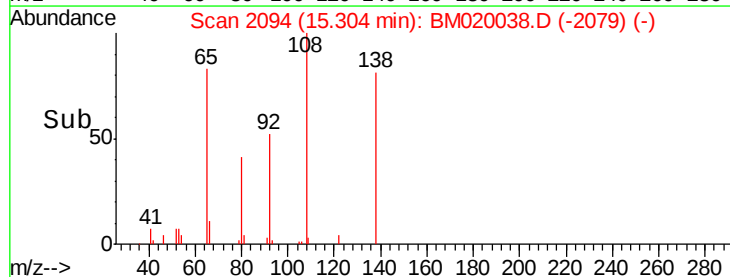
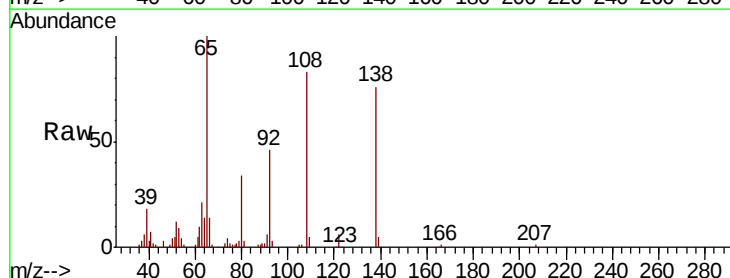
Manual Integrations
APPROVED

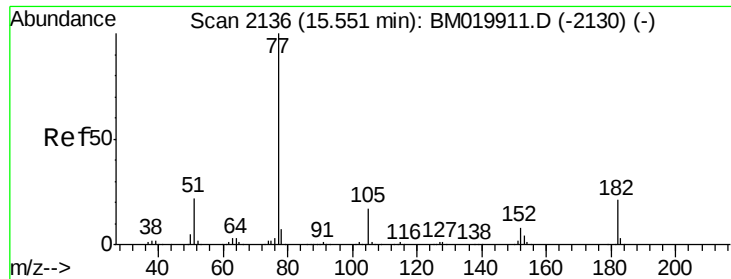
Sohil
4/24/2019 11:49:12 AM



#62
4-Nitroaniline
Concen: 31.378 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	107471		
92	61.1	36.8	76.8	
108	109.6	71.5	111.5	





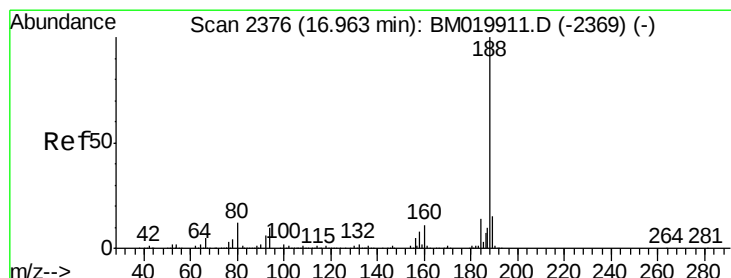
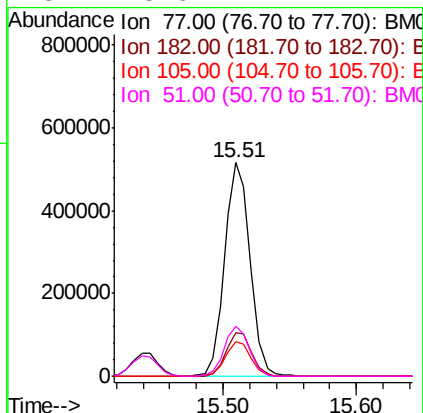
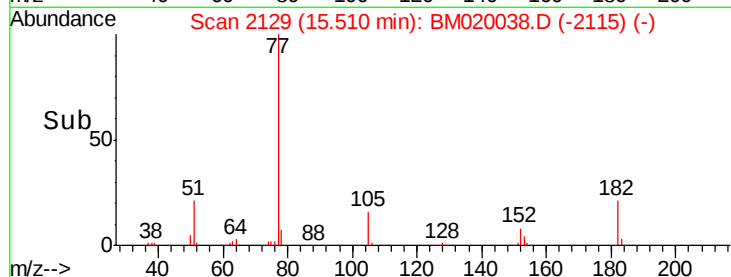
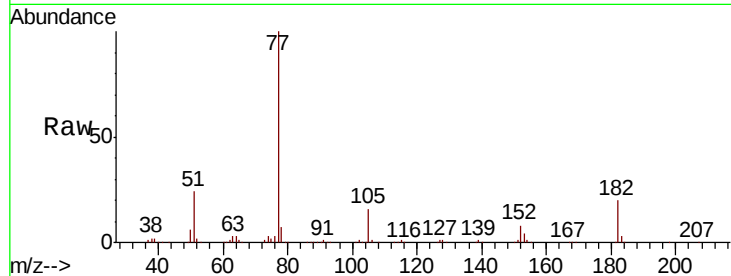
#63
Azobenzene
Concen: 39.209 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.3	1.0	41.0
105	16.0	0.0	37.1
51	23.6	2.1	42.1

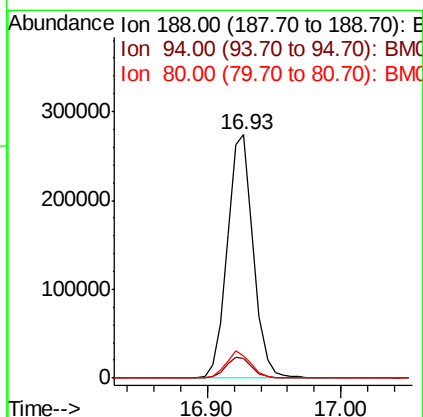
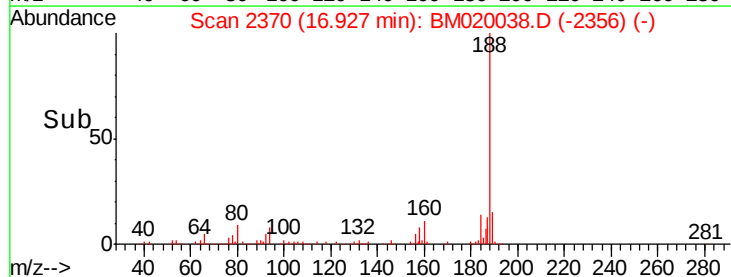
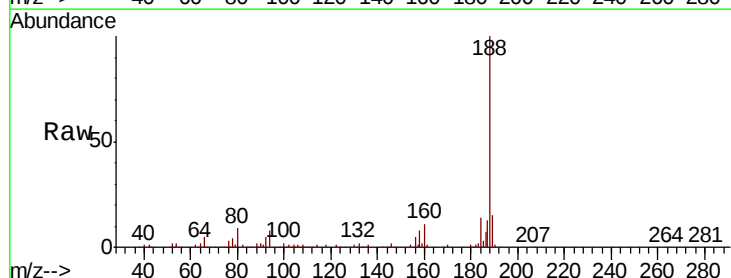
Manual Integrations
APPROVED

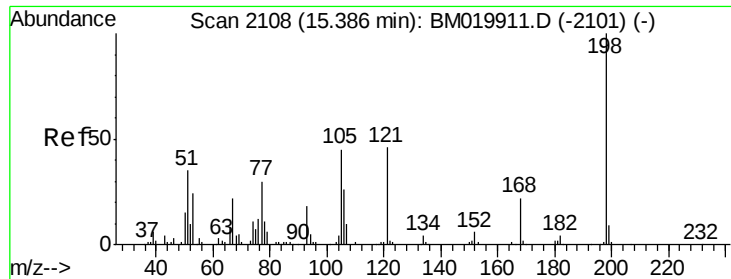
Sohil
4/24/2019 11:49:12 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.6	11.4
80	9.3	9.4	14.0#





#65

4,6-Dinitro-2-methylphenol

Concen: 31.568 ng

RT: 15.36 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

PB119131BS

Tot Ion:198 Resp: 75270

Ion Ratio Lower Upper

198 100

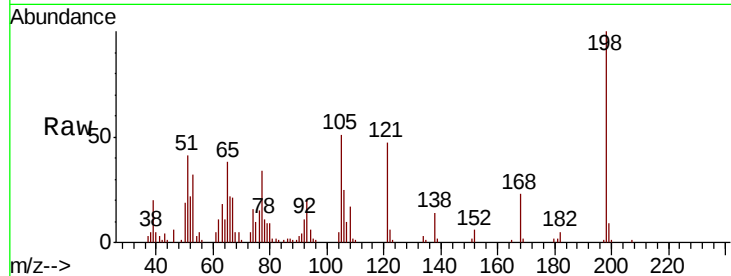
51 41.1 17.9 57.9

105 50.6 26.1 66.1

Manual Integrations
APPROVED

Sohil

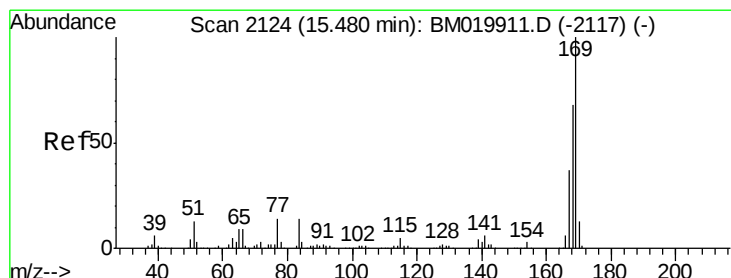
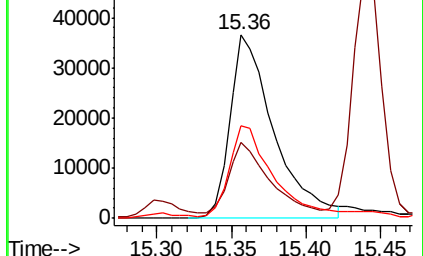
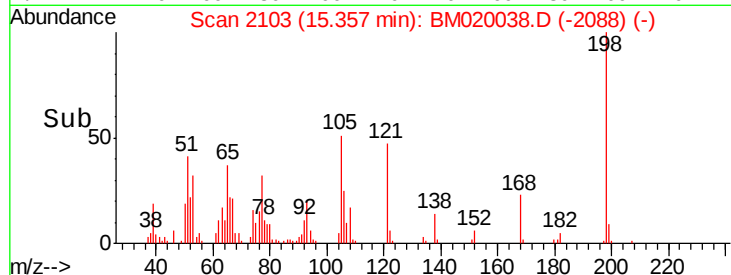
4/24/2019 11:49:12 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.563 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

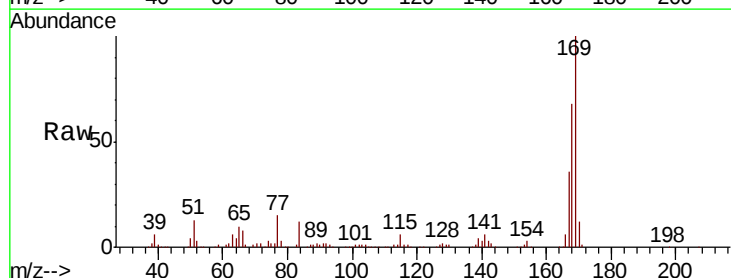
Tgt Ion:169 Resp: 495578

Ion Ratio Lower Upper

169 100

168 67.8 54.7 82.1

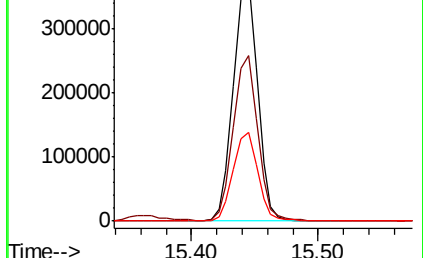
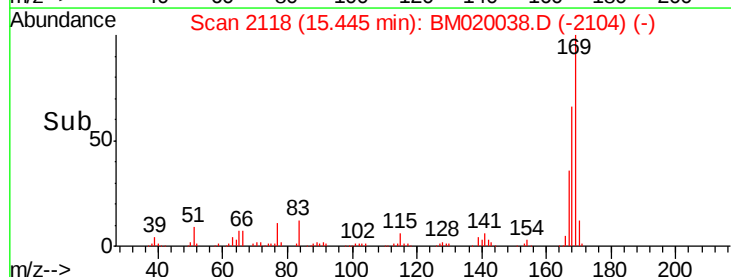
167 36.3 29.4 44.0

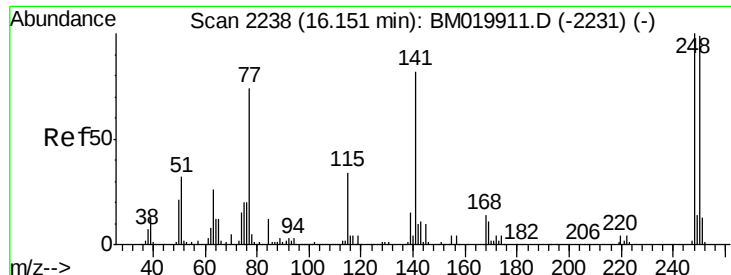


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





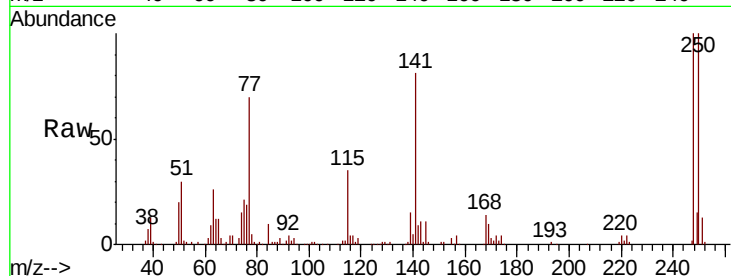
#67
 4-Bromophenyl-phenylether
 Concen: 39.870 ng
 RT: 16.12 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB119131BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	78.9	118.3
141	80.7	65.6	98.4

Manual Integrations
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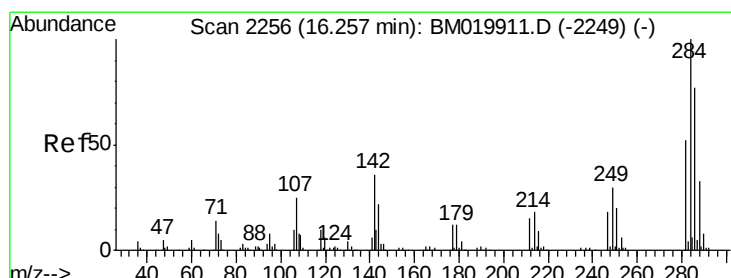
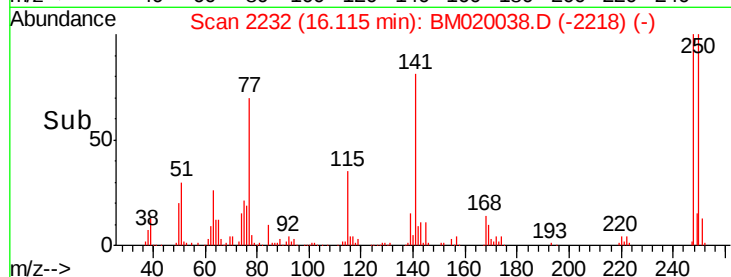
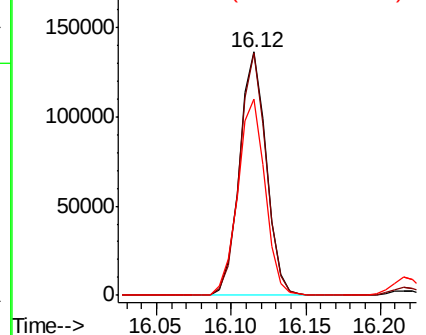


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.191 ng
 RT: 16.22 min Scan# 2249
 Delta R.T. -0.02 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

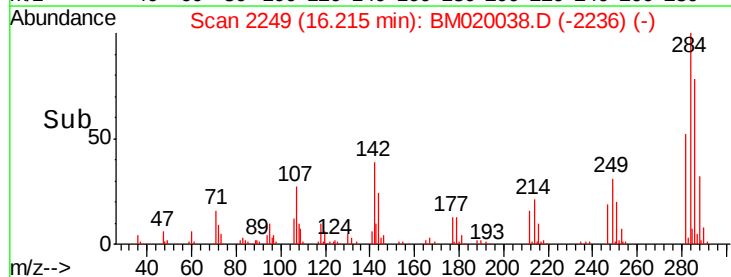
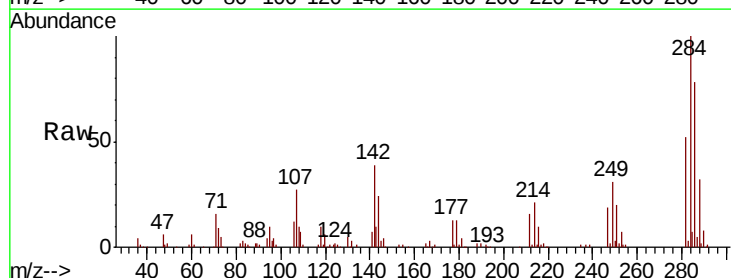
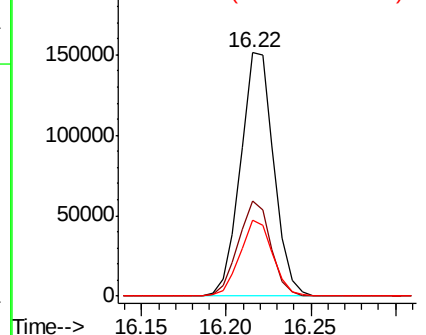
Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.2	28.9	43.3
249	31.2	23.8	35.6

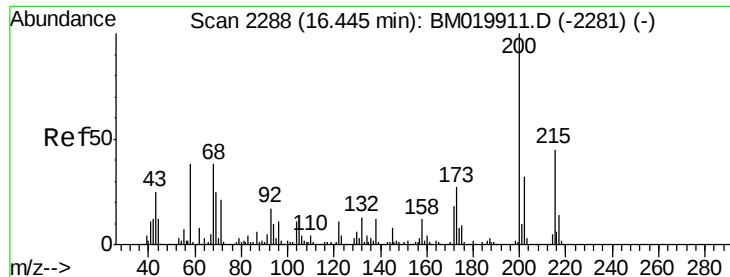
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





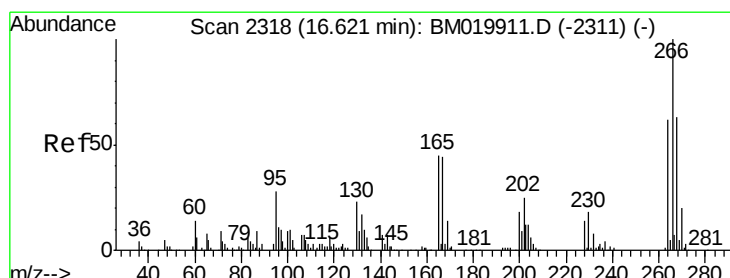
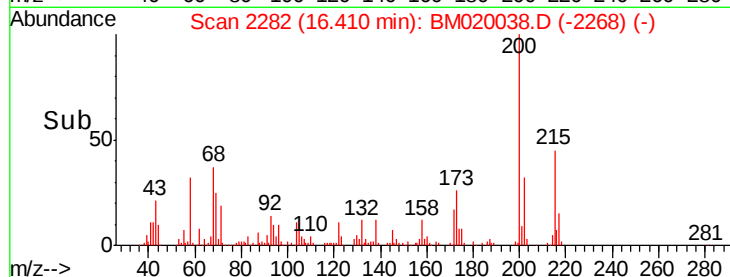
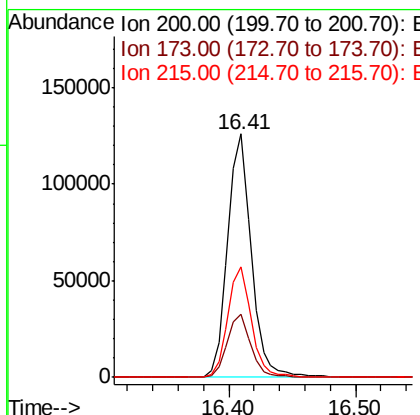
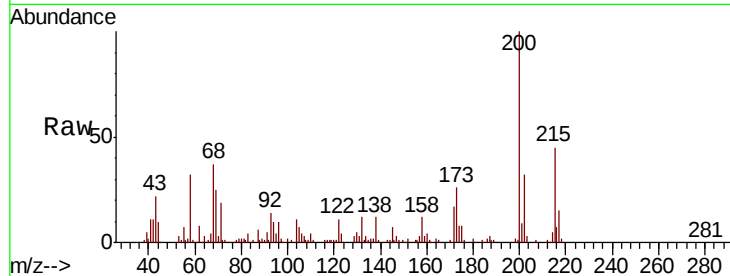
#69
Atrazine
Concen: 39.394 ng
RT: 16.41 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	163388		
173	26.0	7.2	47.2	
215	45.3	25.4	65.4	

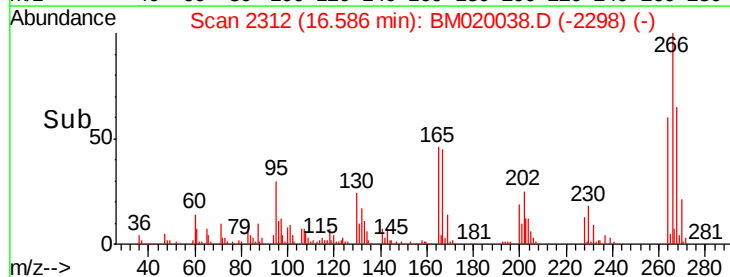
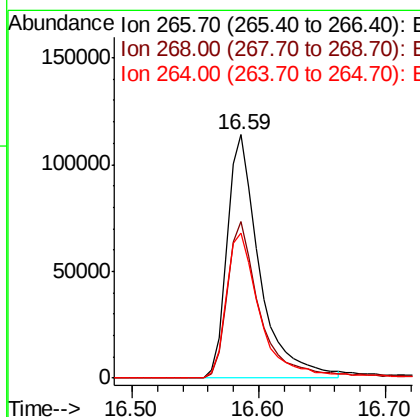
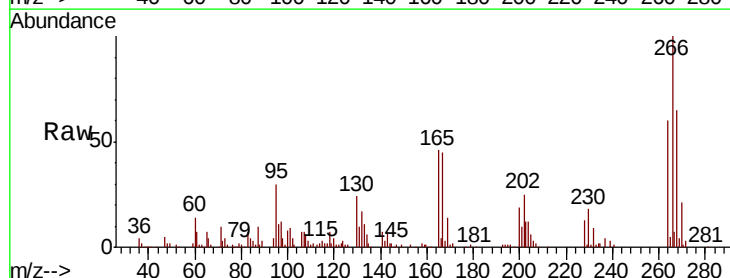
Manual Integrations
APPROVED

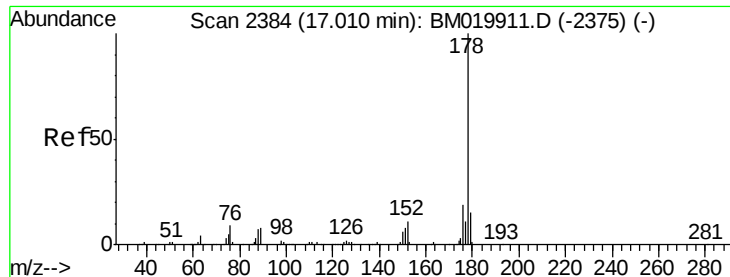
Sohil
4/24/2019 11:49:12 AM



#70
Pentachlorophenol
Concen: 76.548 ng
RT: 16.59 min Scan# 2312
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	201636		
268	64.6	50.3	75.5	
264	59.7	49.8	74.8	





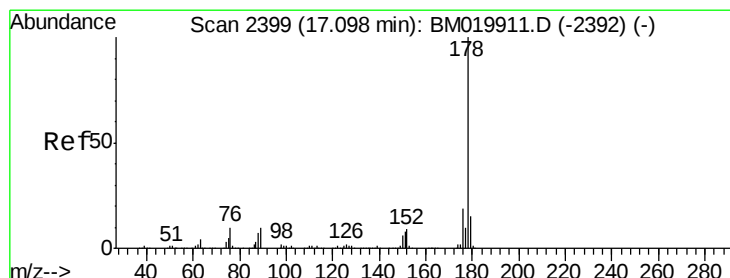
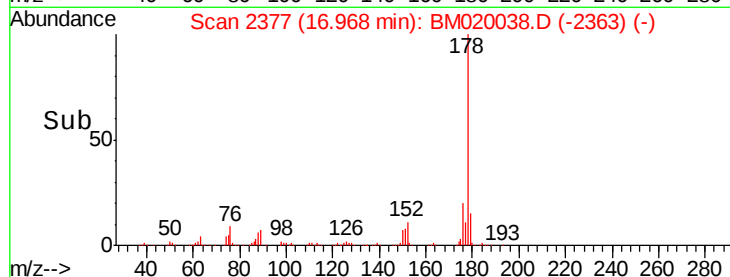
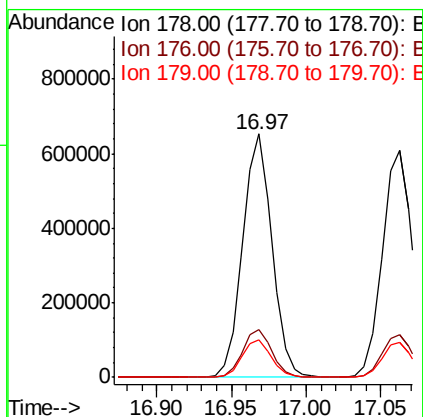
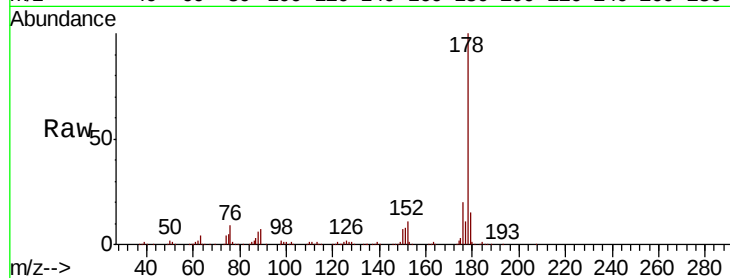
#71
Phenanthrene
Concen: 39.990 ng
RT: 16.97 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	15.3	12.2	18.4

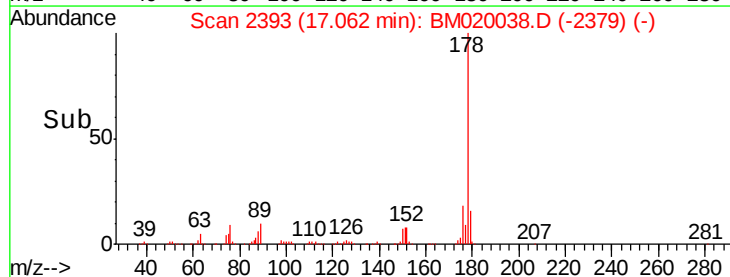
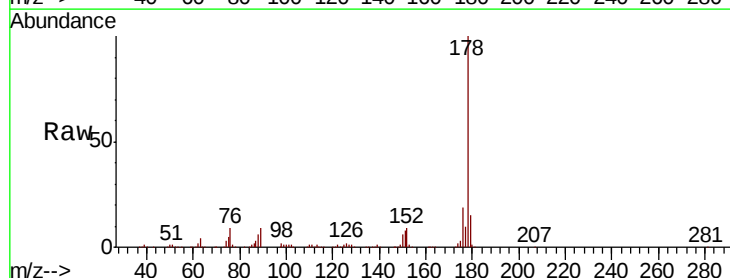
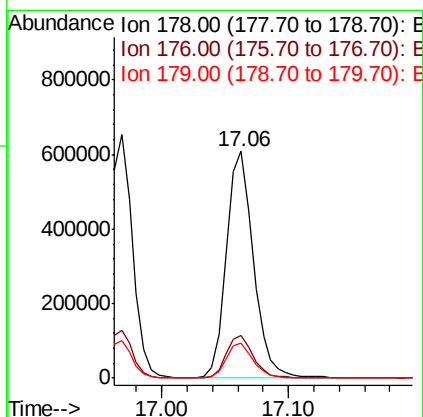
Manual Integrations
APPROVED

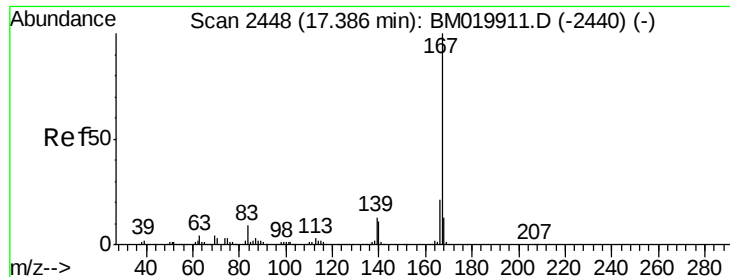
Sohil
4/24/2019 11:49:12 AM



#72
Anthracene
Concen: 40.260 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.4	12.2	18.4





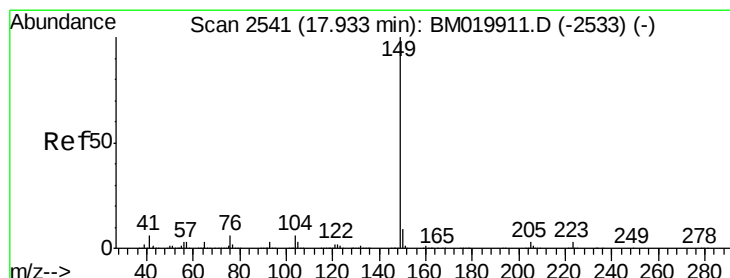
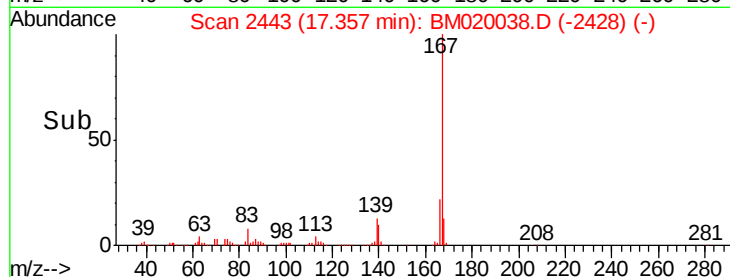
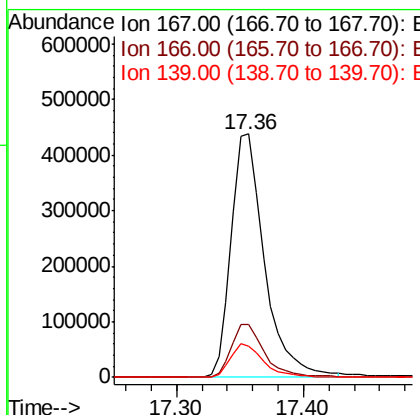
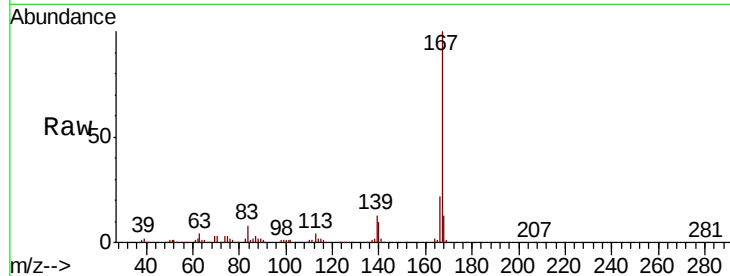
#73
 Carbazole
 Concen: 38.752 ng
 RT: 17.36 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB119131BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.9	10.7	16.1

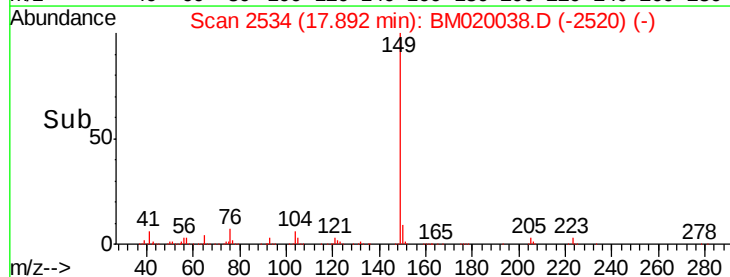
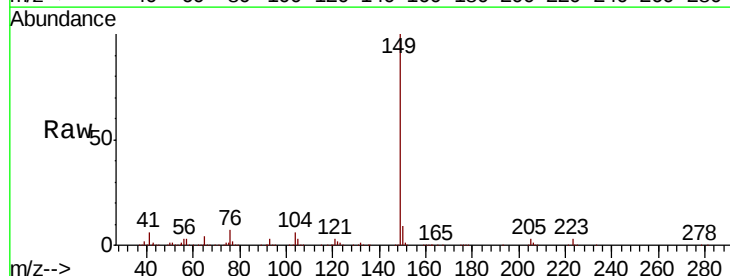
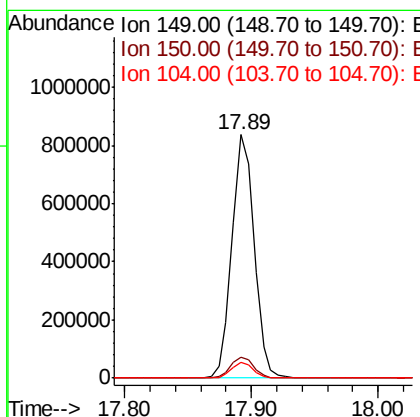
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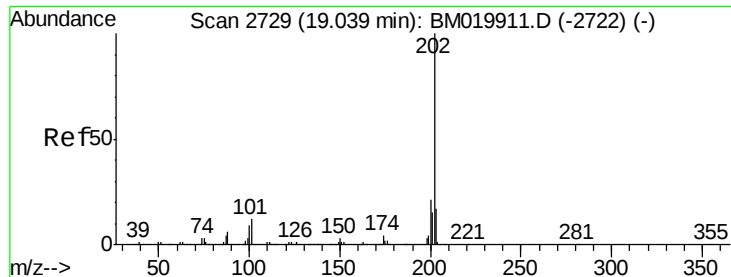
Sohil
 4/24/2019 11:49:12 AM



#74
 Di-n-butylphthalate
 Concen: 37.355 ng
 RT: 17.89 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.2	10.8
104	6.4	4.6	7.0





#75

Fluoranthene

Concen: 40.070 ng

RT: 19.00 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

PB119131BS

Tot Ion:202 Resp: 1022658

Ion Ratio Lower Upper

202 100

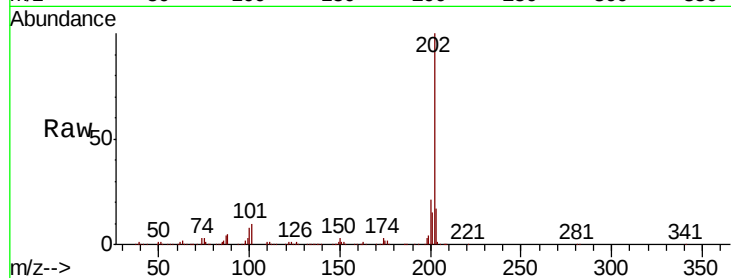
101 10.1 0.0 31.7

203 17.3 0.0 37.4

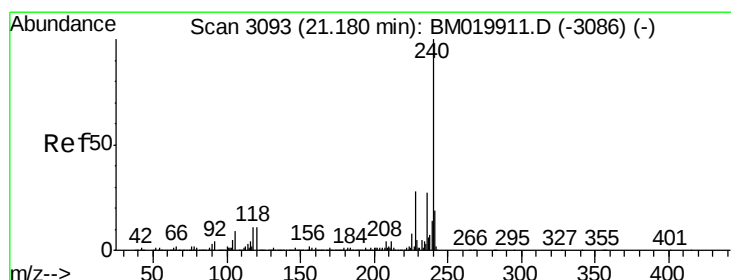
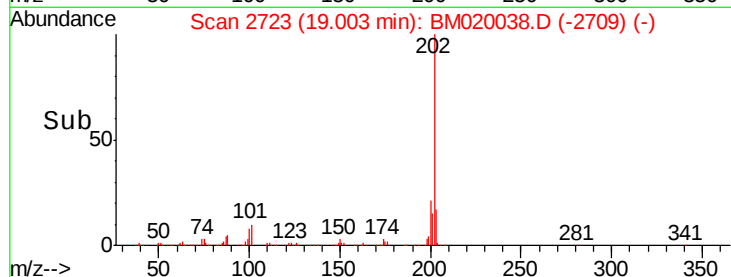
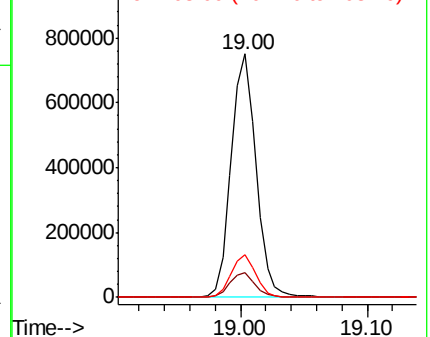
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

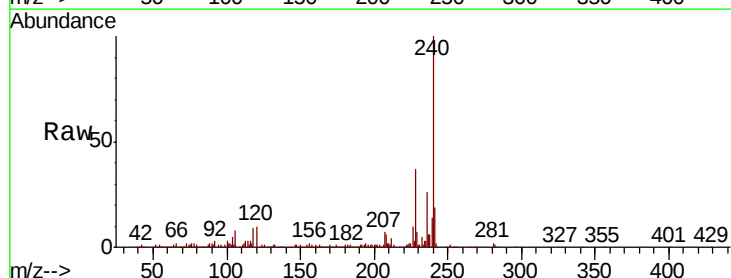
Tgt Ion:240 Resp: 447950

Ion Ratio Lower Upper

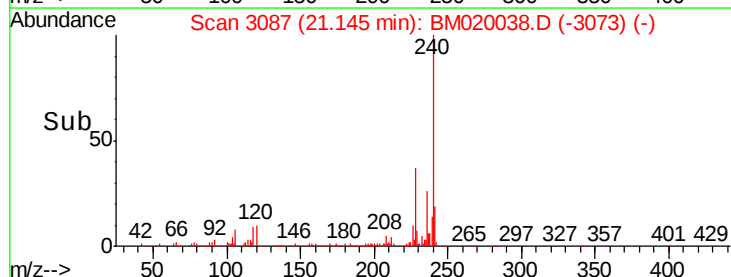
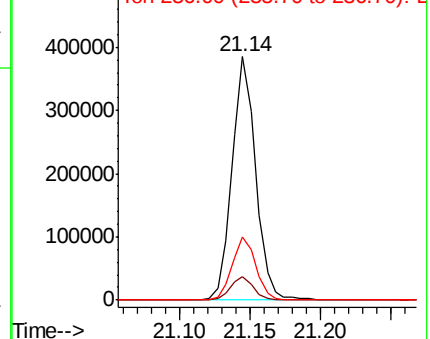
240 100

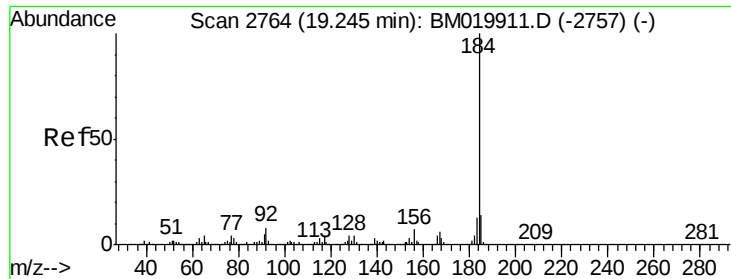
120 9.9 8.6 13.0

236 26.1 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: 35.187 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

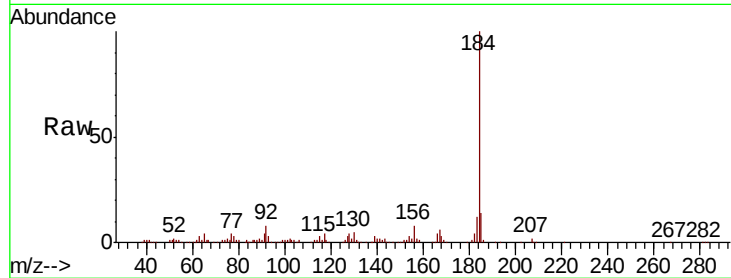
ClientSampleId :

PB119131BS

Tot Ion:	184	Resp:	434896
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.0	16.6
183	11.9	10.1	15.1

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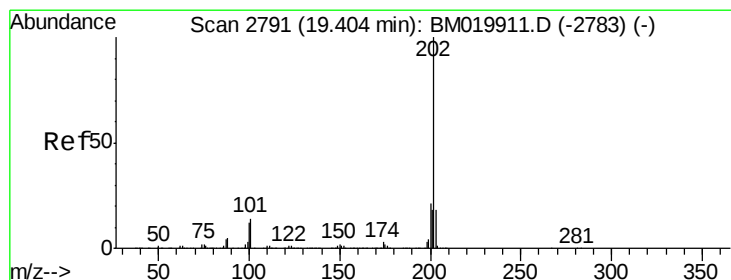
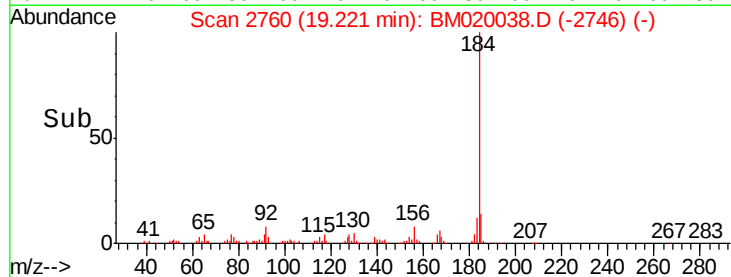
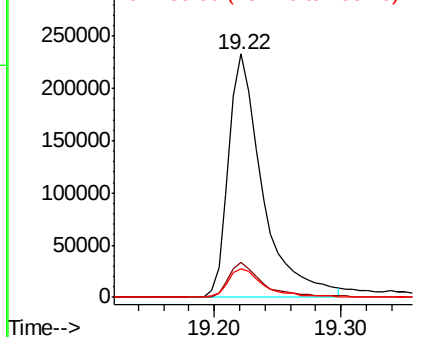


Abundance

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: 35.889 ng

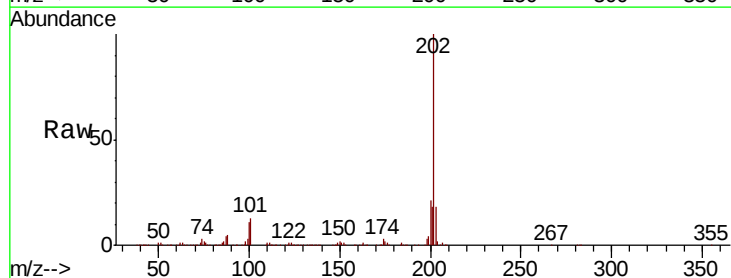
RT: 19.37 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion:	202	Resp:	1064616
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.4
203	17.6	14.0	21.0

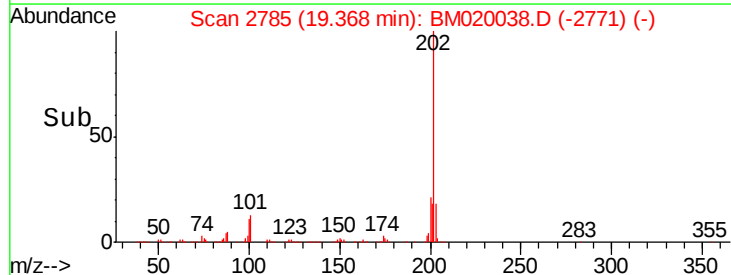
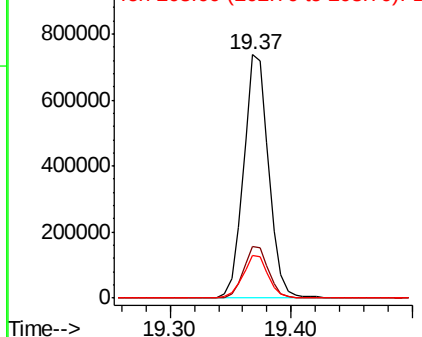


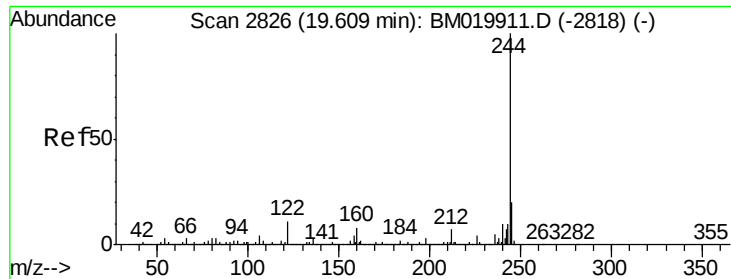
Abundance

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





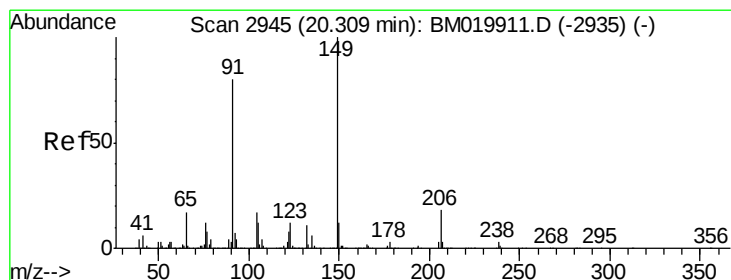
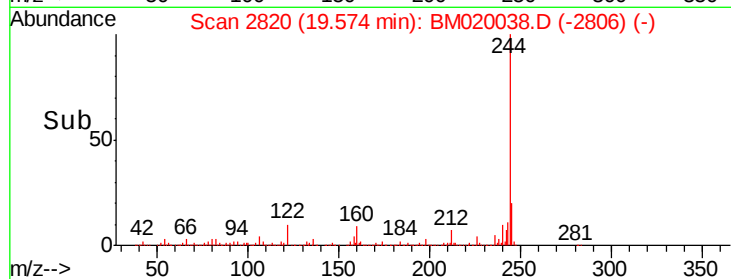
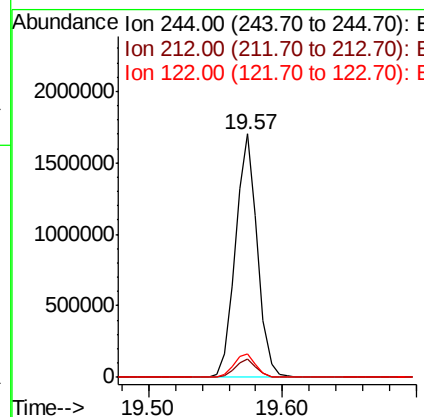
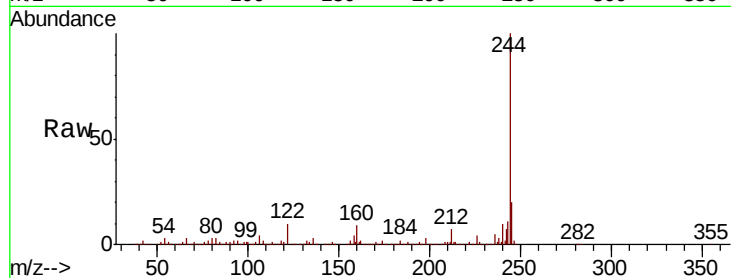
#79
 Terphenyl-d14
 Concen: 76.698 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB119131BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	9.7	9.1	13.7

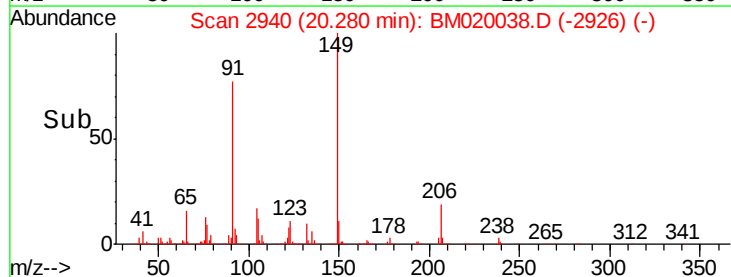
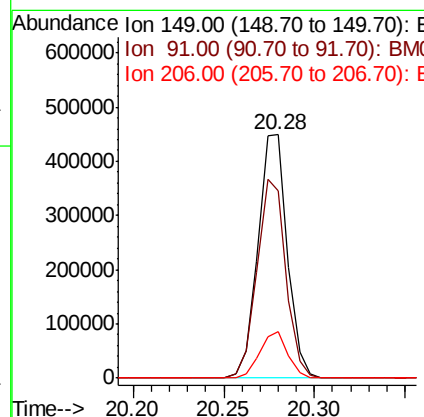
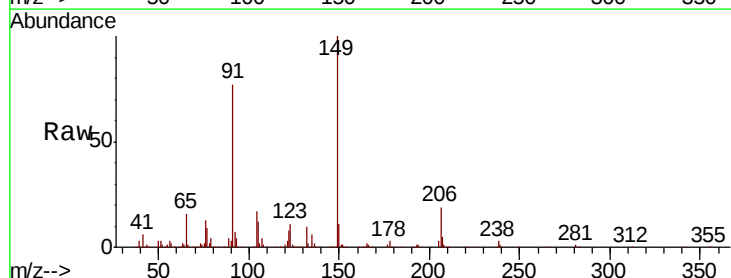
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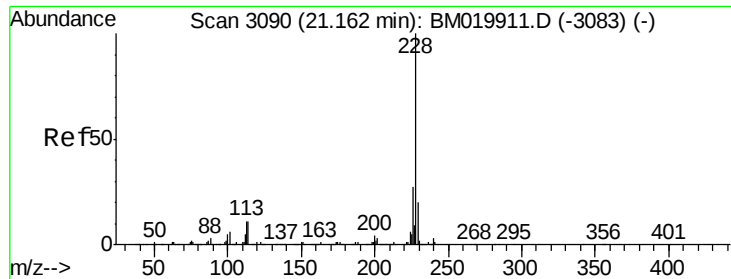
Sohil
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#80
 Butylbenzylphthalate
 Concen: 35.129 ng
 RT: 20.28 min Scan# 2940
 Delta R.T. -0.02 min
 Lab File: BM020038.D
 Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.8	63.7	95.5
206	18.9	14.6	21.8





#81

Benzo(a)anthracene

Concen: 37.380 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

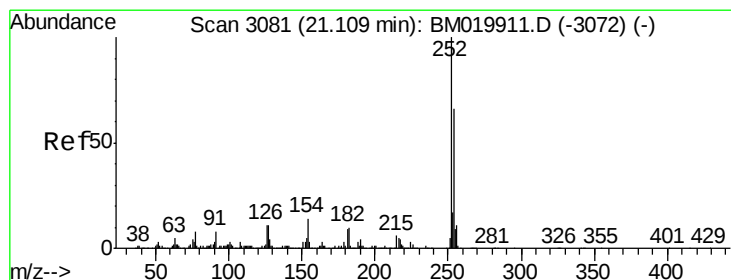
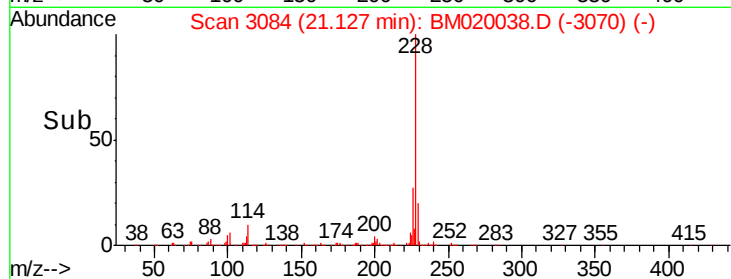
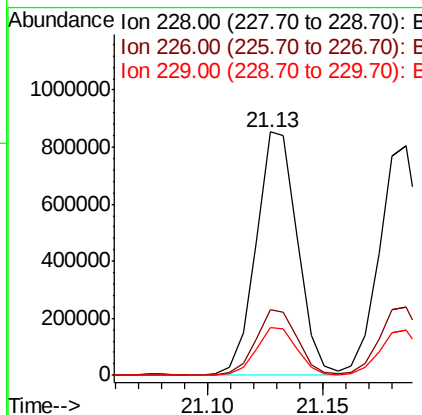
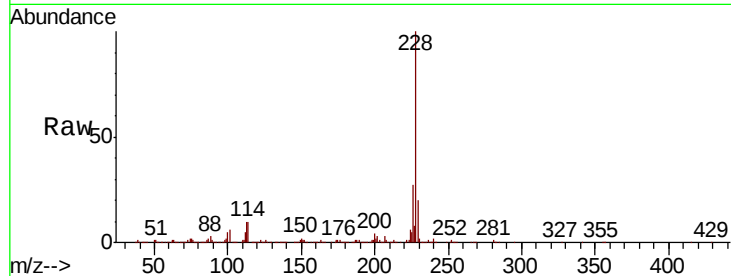
ClientSampled :

PB119131BS

Tot Ion:	228	Resp:	1060706
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.7	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 34.534 ng

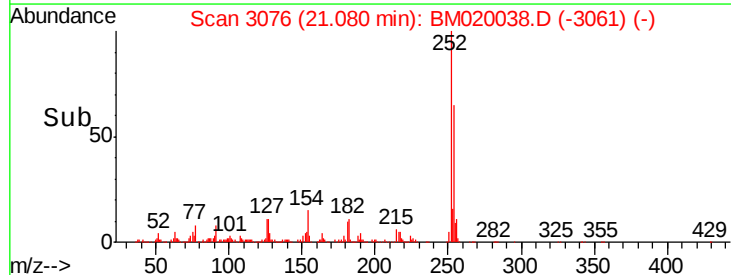
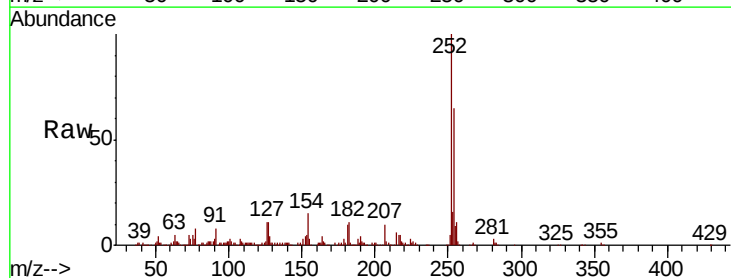
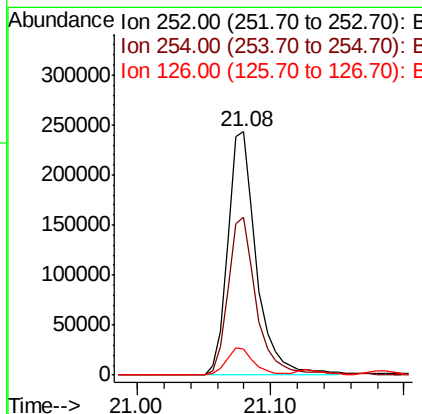
RT: 21.08 min Scan# 3076

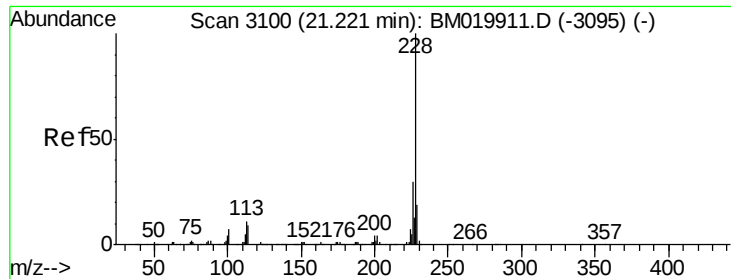
Delta R.T. -0.01 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion:	252	Resp:	364596
Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	78.8
126	10.9	8.6	12.8





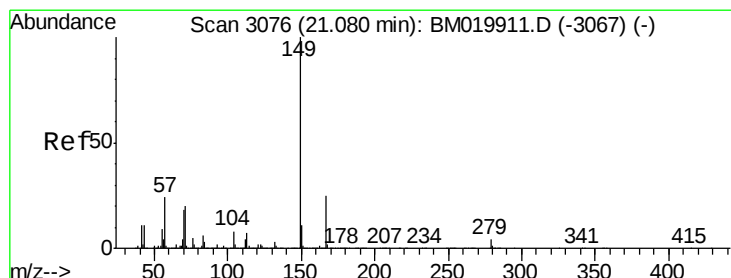
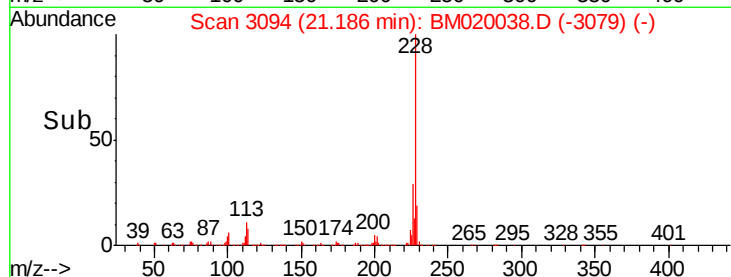
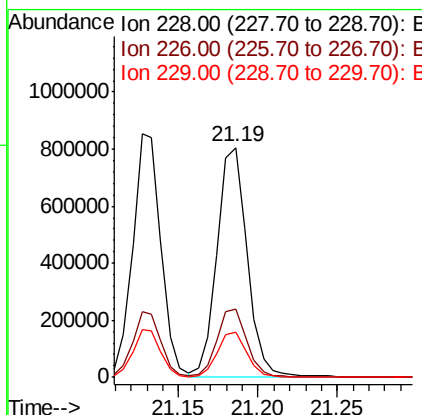
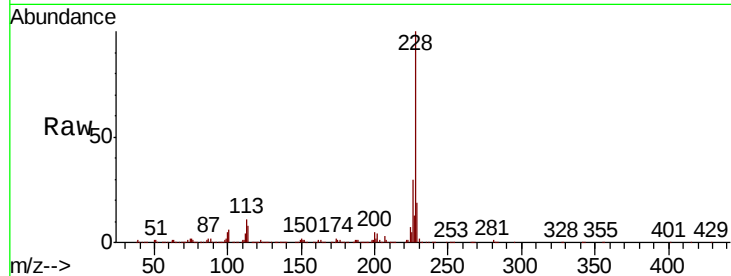
#83
Chrysene
Concen: 38.933 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.5	15.6	23.4

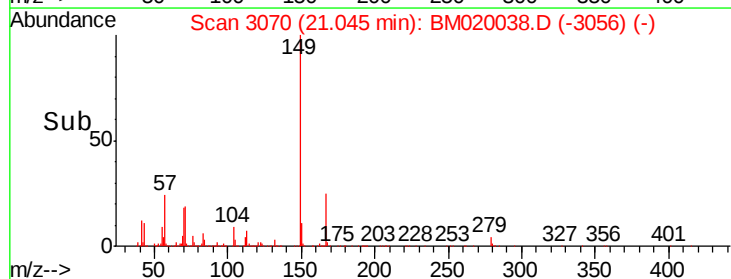
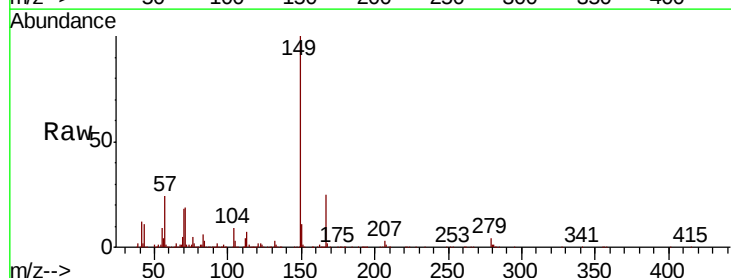
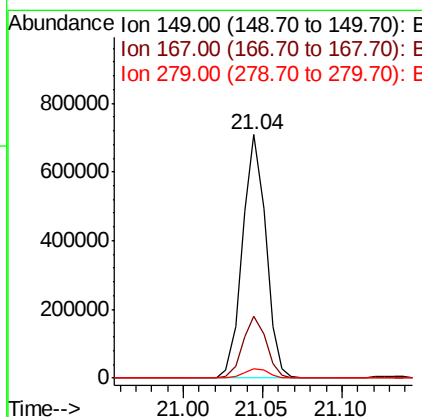
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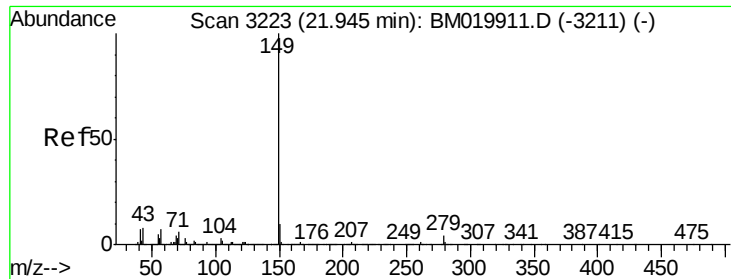
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#84
Bis(2-ethylhexyl)phthalate
Concen: 33.744 ng
RT: 21.04 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.3	30.5
279	4.1	3.4	5.2





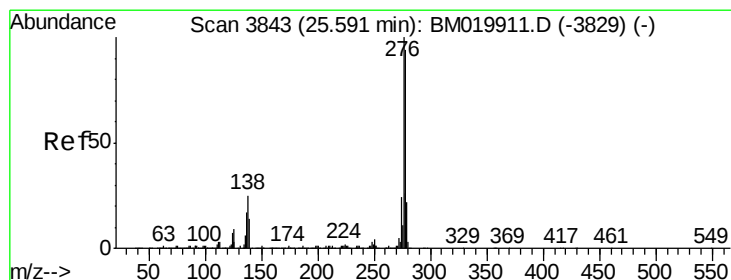
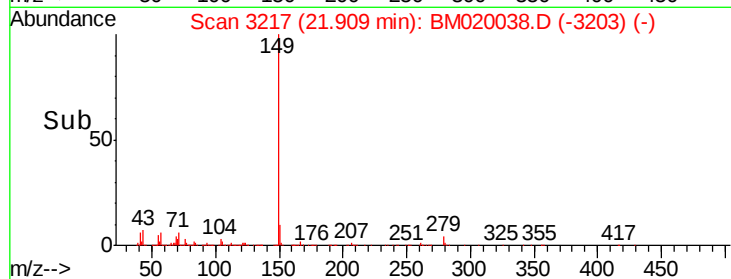
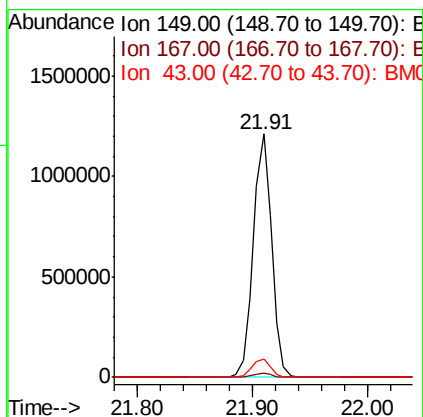
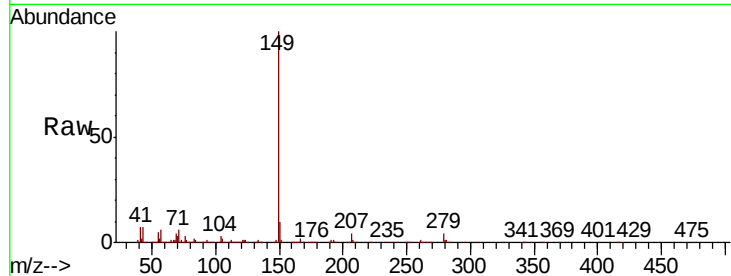
#85
Di-n-octyl phthalate
Concen: 38.466 ng
RT: 21.91 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

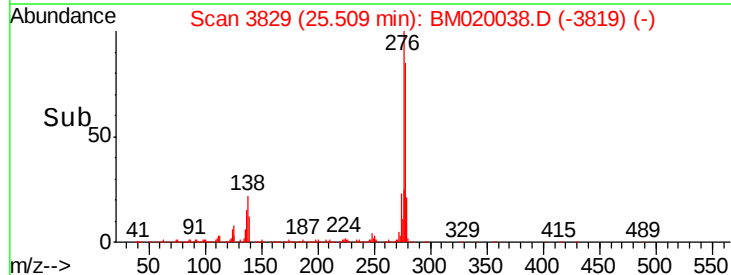
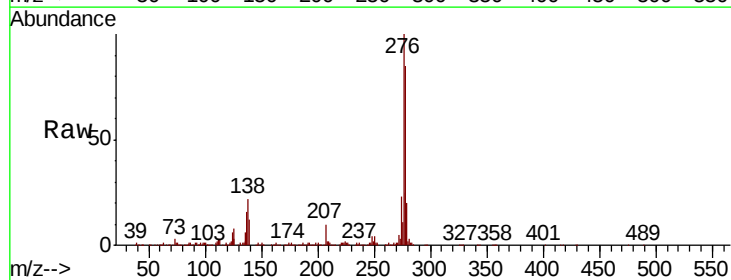
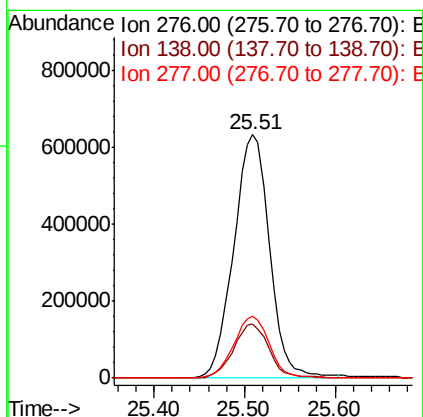
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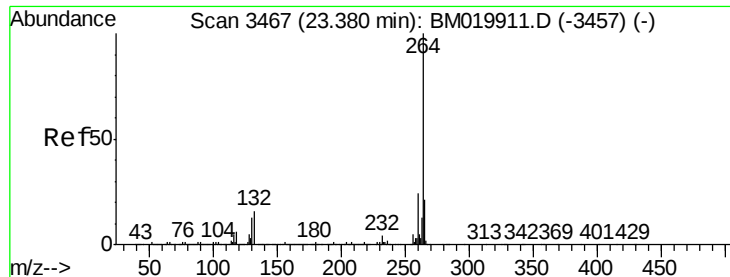
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#86
Indeno(1,2,3-cd)pyrene
Concen: 64.894 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.0	28.6
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3458

Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Instrument :

BNA_M

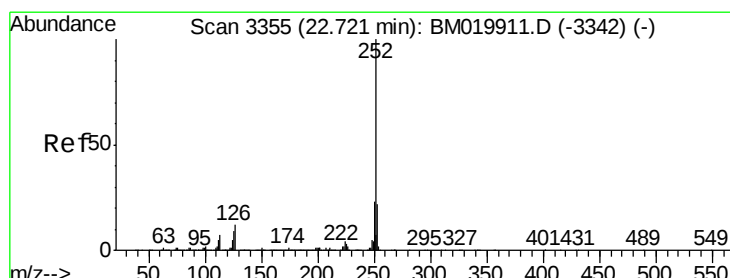
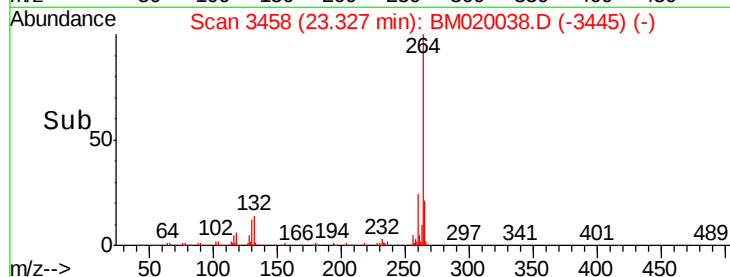
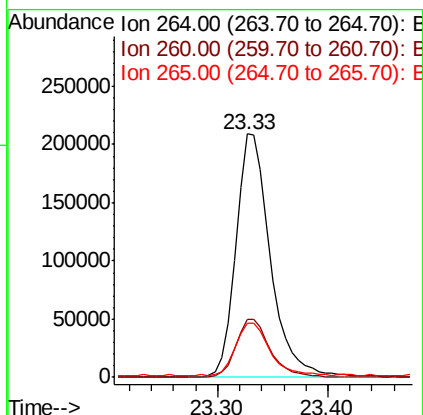
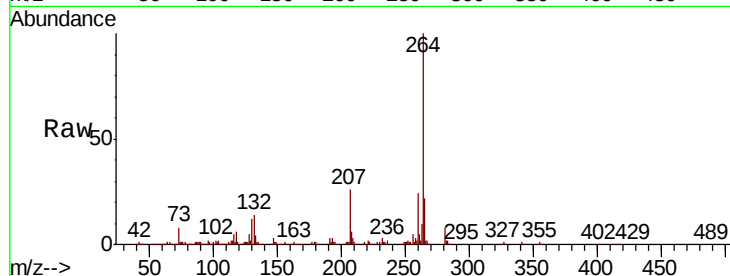
ClientSampled :

PB119131BS

Tot Ion:	264	Resp:	457843
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	22.2	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 43.564 ng

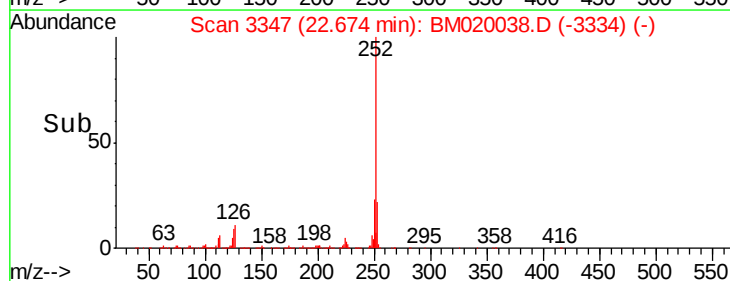
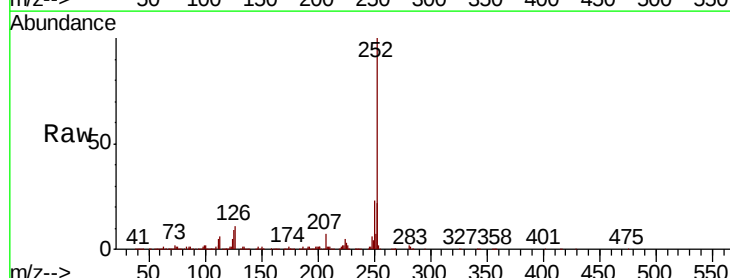
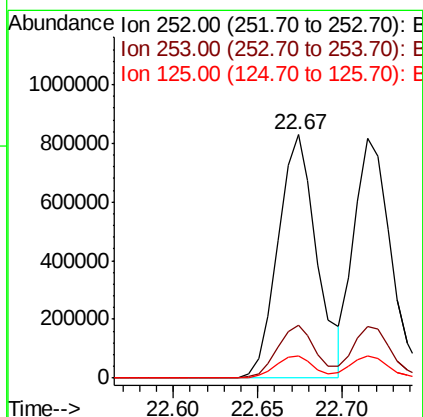
RT: 22.67 min Scan# 3347

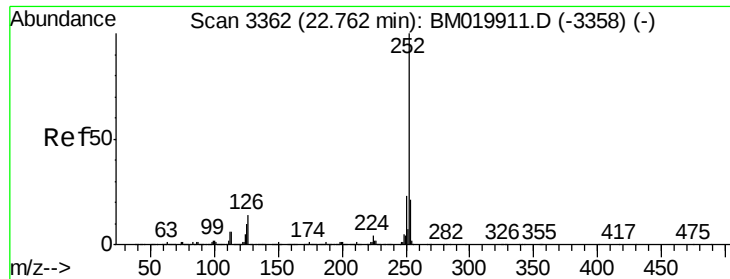
Delta R.T. -0.02 min

Lab File: BM020038.D

Acq: 23 Apr 2019 16:03

Tgt Ion:	252	Resp:	1324409
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	9.1	7.6	11.4





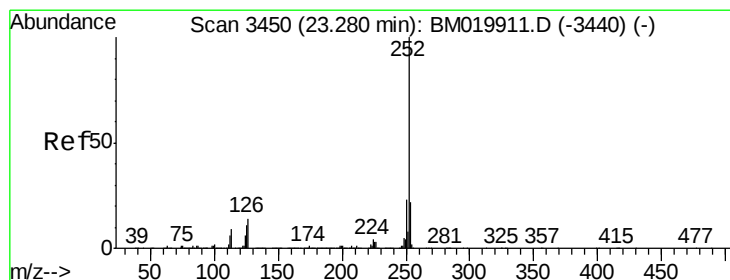
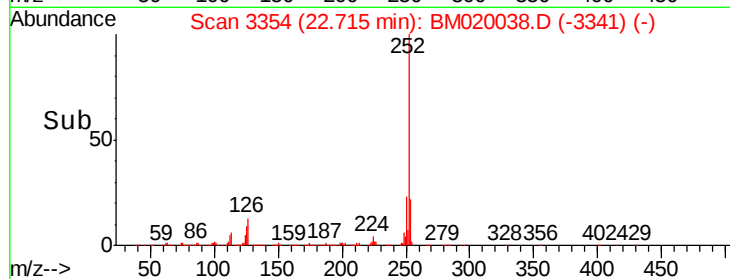
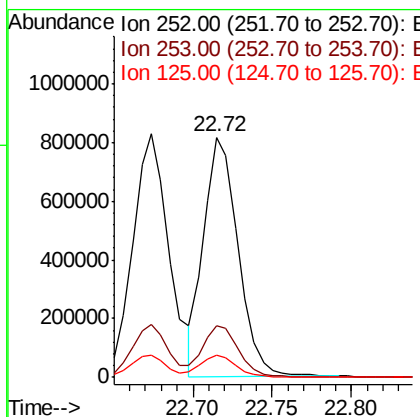
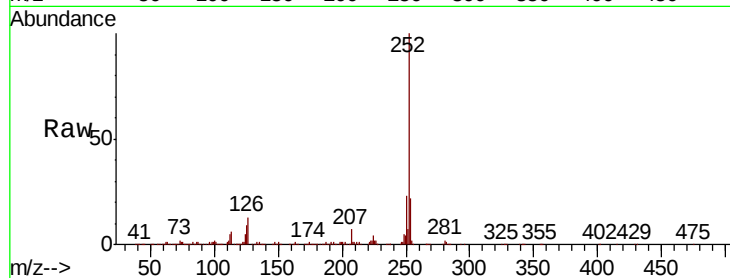
#89
Benzo(k)fluoranthene
Concen: 43.135 ng
RT: 22.72 min Scan# 3354
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.1	8.2	12.4

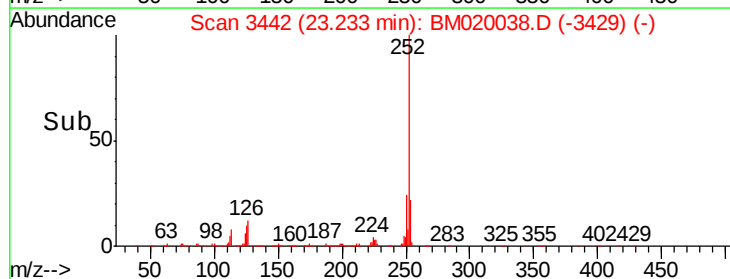
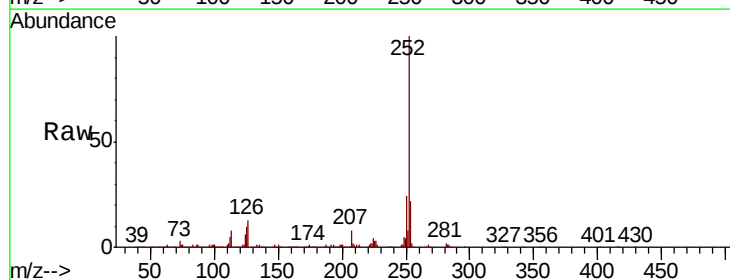
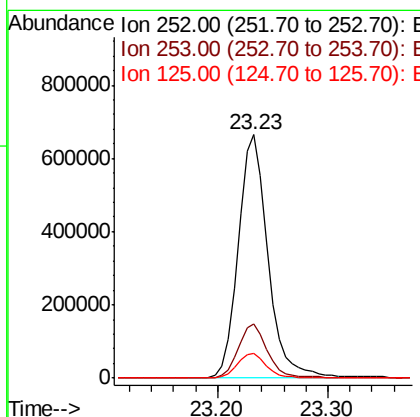
Manual Integrations
APPROVED

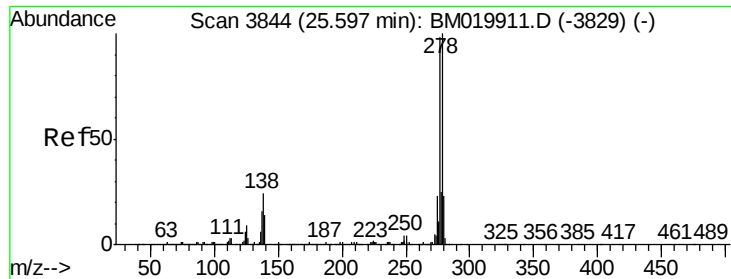
Sohil
4/24/2019 11:49:12 AM



#90
Benzo(a)pyrene
Concen: 46.400 ng
RT: 23.23 min Scan# 3442
Delta R.T. -0.02 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.1	9.1	13.7





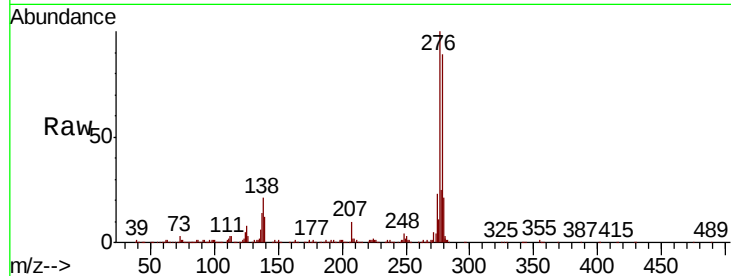
#91
Dibenzo(a,h)anthracene
Concen: 56.871 ng
RT: 25.51 min Scan# 3830
Delta R.T. -0.04 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119131BS

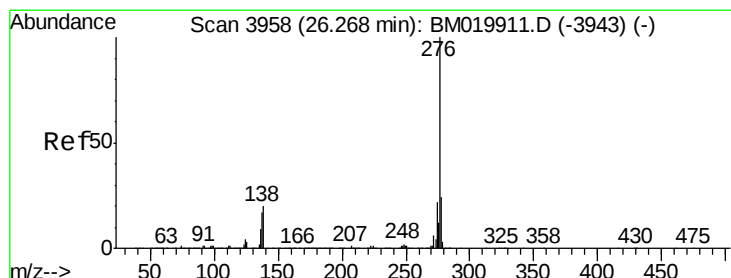
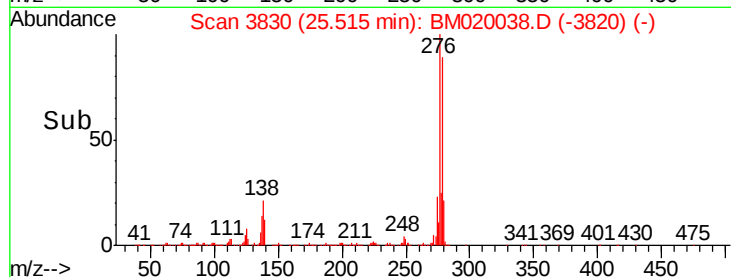
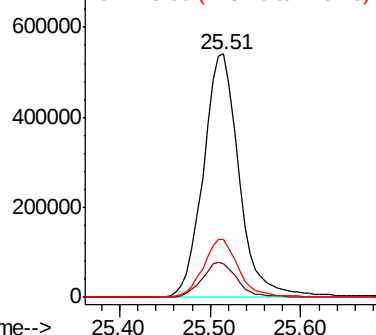
Tot Ion:278 Resp: 1476999
Ion Ratio Lower Upper
278 100
139 13.8 11.6 17.4
279 24.1 18.4 27.6

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:12 AM

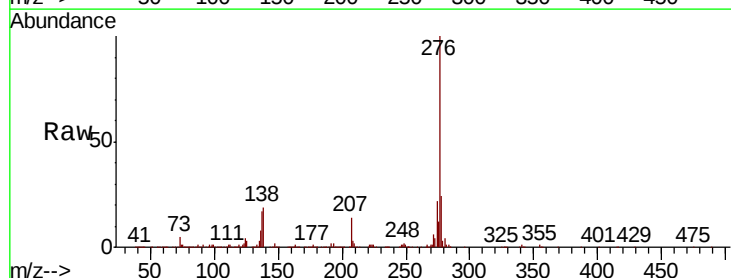


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 59.175 ng
RT: 26.18 min Scan# 3943
Delta R.T. -0.05 min
Lab File: BM020038.D
Acq: 23 Apr 2019 16:03

Tgt Ion:276 Resp: 1391973
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 18.7 16.2 24.4



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

