

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018553.D
 Acq On : 14 Jan 2019 16:11
 Operator : JU/SJ
 Sample : PB116347BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116347BS

Manual Integrations
 APPROVED

Sohil
 1/15/2019 12:20:06 PM

Quant Time: Jan 14 23:36:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	244444	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1010443	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	598388	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1404431	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1566745	20.00	ng	0.00
87) Perylene-d12	23.63	264	1660839	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1990525	150.36	ng	0.00
7) Phenol-d6	6.94	99	2559867	152.24	ng	0.00
23) Nitrobenzene-d5	8.92	82	1380337	79.19	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1173482	154.02	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3536298	77.11	ng	0.00
79) Terphenyl-d14	19.79	244	6025307	81.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	170458	31.592	ng	95
3) Pyridine	3.68	79	481197	35.771	ng	97
4) n-Nitrosodimethylamine	3.60	42	257454	46.283	ng	# 93
6) Aniline	7.09	93	622185	33.172	ng	98
8) 2-Chlorophenol	7.32	128	691463	44.722	ng	95
9) Benzaldehyde	6.90	77	182557	16.034	ng	97
10) Phenol	6.96	94	763382	44.679	ng	98
11) bis(2-Chloroethyl)ether	7.19	93	536659	39.974	ng	94
12) 1,3-Dichlorobenzene	7.64	146	699365	37.982	ng	98
13) 1,4-Dichlorobenzene	7.79	146	719130	38.534	ng	100
14) 1,2-Dichlorobenzene	8.10	146	682569	38.572	ng	100
15) Benzyl Alcohol	8.00	79	556120	45.793	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.28	45	657000	38.294	ng	95
17) 2-Methylphenol	8.20	107	541912	46.725	ng	98
18) Hexachloroethane	8.82	117	259195	38.953	ng	96
19) n-Nitroso-di-n-propylamine	8.56	70	437463	39.979	ng	93
20) 3+4-Methylphenols	8.53	107	740438	46.247	ng	99
22) Acetophenone	8.58	105	903555	36.148	ng	98
24) Nitrobenzene	8.96	77	656460	38.277	ng	98
25) Isophorone	9.48	82	1207514	45.749	ng	99
26) 2-Nitrophenol	9.67	139	376017	45.343	ng	95
27) 2,4-Dimethylphenol	9.73	122	625617	50.332	ng	100
28) bis(2-Chloroethoxy)methane	9.96	93	748020	41.024	ng	99
29) 2,4-Dichlorophenol	10.20	162	670312	45.289	ng	99
30) 1,2,4-Trichlorobenzene	10.41	180	681811	37.113	ng	99
31) Naphthalene	10.60	128	1993347	40.962	ng	99
32) Benzoic acid	9.87	122	345513m	42.195	ng	
33) 4-Chloroaniline	10.72	127	325293	16.973	ng	98
34) Hexachlorobutadiene	10.86	225	408214	35.173	ng	98
35) Caprolactam	11.55	113	218651m	43.451	ng	
36) 4-Chloro-3-methylphenol	11.85	107	706106	45.473	ng	99
37) 2-Methylnaphthalene	12.21	142	1492758	43.417	ng	99
38) 1-Methylnaphthalene	12.43	142	1418226	42.631	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	771970	36.892	ng	99

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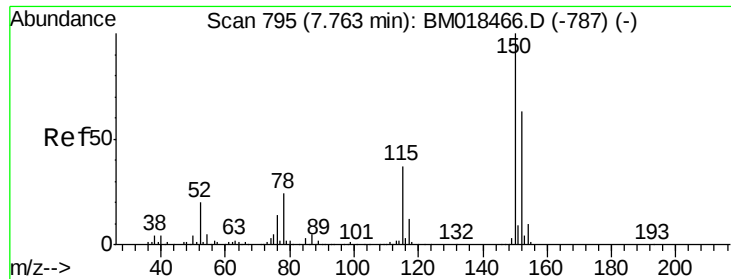
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	1026714	89.400	nq	100
43) 2,4,6-Trichlorophenol	12.83	196	558997	43.991	nq	99
44) 2,4,5-Trichlorophenol	12.90	196	606371	45.373	nq	97
46) 1,1'-Biphenyl	13.23	154	1925287	36.849	nq	99
47) 2-Chloronaphthalene	13.27	162	1496865	36.945	nq	100
48) 2-Nitroaniline	13.49	65	427847	42.922	nq	93
49) Acenaphthylene	14.13	152	2465867	41.762	nq	99
50) Dimethylphthalate	13.87	163	1967168	40.029	nq	99
51) 2,6-Dinitrotoluene	13.99	165	437044	41.984	nq	95
52) Acenaphthene	14.47	154	1410849	39.052	nq	97
53) 3-Nitroaniline	14.33	138	325641	31.029	nq	96
54) 2,4-Dinitrophenol	14.53	184	393525	70.747	nq	# 88
55) Dibenzofuran	14.80	168	2288669	38.341	nq	98
56) 4-Nitrophenol	14.65	139	808783	89.206	nq	96
57) 2,4-Dinitrotoluene	14.78	165	628713	42.686	nq	98
58) Fluorene	15.46	166	1889884	42.501	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	536542	45.294	nq	98
60) Diethylphthalate	15.23	149	2035751	41.034	nq	99
61) 4-Chlorophenyl-phenylether	15.45	204	958378	37.395	nq	98
62) 4-Nitroaniline	15.50	138	423158	36.966	nq	98
63) Azobenzene	15.74	77	1595016	39.433	nq	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	306525	35.788	nq	89
66) n-Nitrosodiphenylamine	15.67	169	1683283	38.639	nq	98
67) 4-Bromophenyl-phenylether	16.34	248	596726	37.968	nq	98
68) Hexachlorobenzene	16.45	284	649587	36.920	nq	97
69) Atrazine	16.63	200	647289	41.099	nq	99
70) Pentachlorophenol	16.80	266	844062	73.251	nq	99
71) Phenanthrene	17.20	178	3027335	40.526	nq	100
72) Anthracene	17.29	178	3112300	43.327	nq	100
73) Carbazole	17.56	167	2806504	38.028	nq	100
74) Di-n-butylphthalate	18.12	149	3565557	44.106	nq	99
75) Fluoranthene	19.22	202	3627706	42.121	nq	98
77) Benzidine	19.41	184	739437	19.114	nq	98
78) Pyrene	19.58	202	3679719	39.623	nq	99
80) Butylbenzylphthalate	20.48	149	1794075	45.273	nq	98
81) Benzo(a)anthracene	21.33	228	3828427	41.478	nq	99
82) 3,3'-Dichlorobenzidine	21.27	252	1016249	29.117	nq	99
83) Chrysene	21.39	228	3564028	39.987	nq	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2527897	44.176	nq	99
85) Di-n-octyl phthalate	22.14	149	4478448	46.532	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.96	276	4428072	43.085	nq	96
88) Benzo(b)fluoranthene	22.94	252	3807413	40.380	nq	98
89) Benzo(k)fluoranthene	22.99	252	3818699	40.187	nq	98
90) Benzo(a)pyrene	23.53	252	3812546	42.236	nq	98
91) Dibenzo(a,h)anthracene	25.97	278	3712087	40.585	nq	98
92) Benzo(g,h,i)perylene	26.67	276	3598762	40.432	nq	98

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



#1

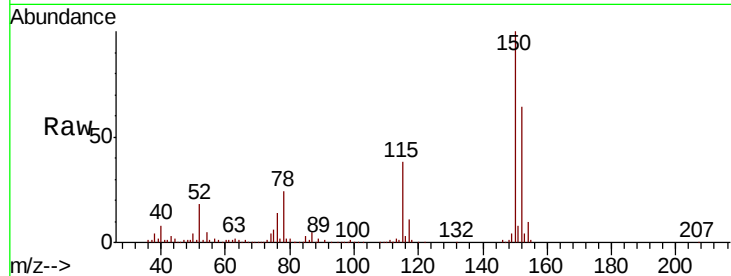
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
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ClientSampleId :
PB116347BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.9	190.3
115	59.0	45.5	68.3

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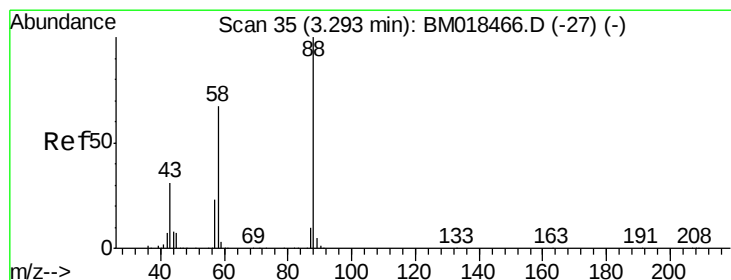
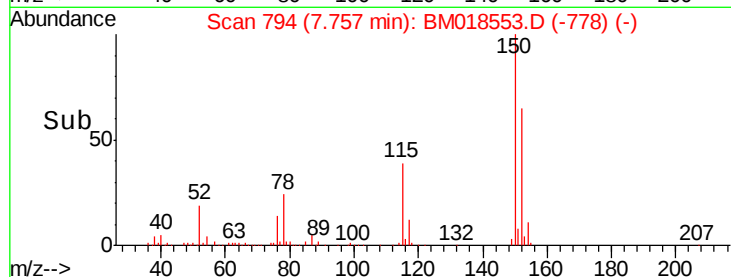
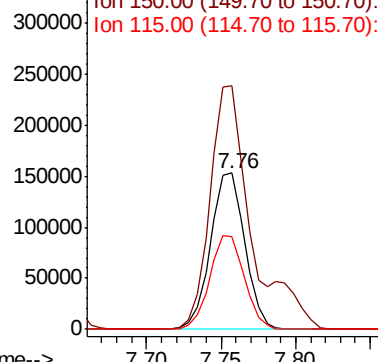


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

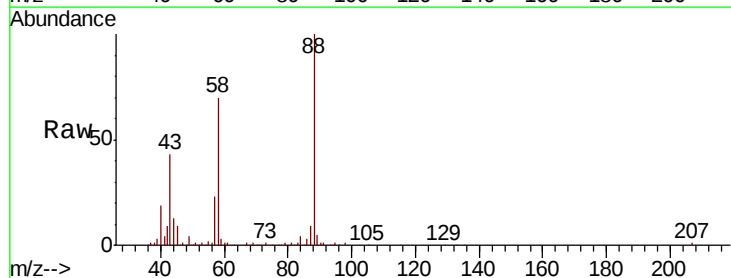
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.592 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	58.4	87.6
43	33.3	26.2	39.4

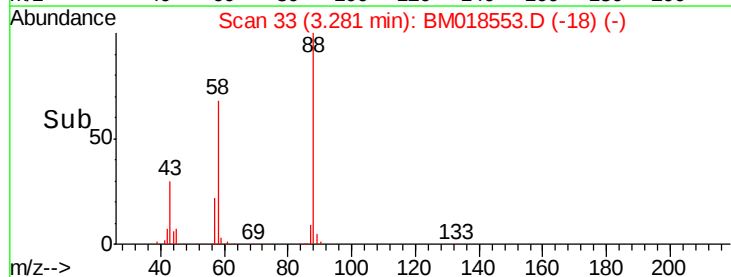
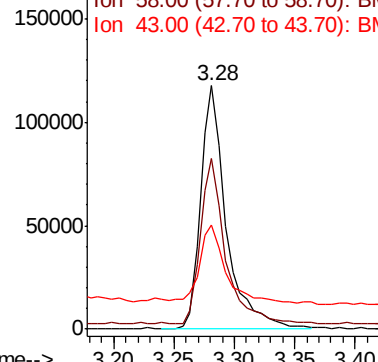


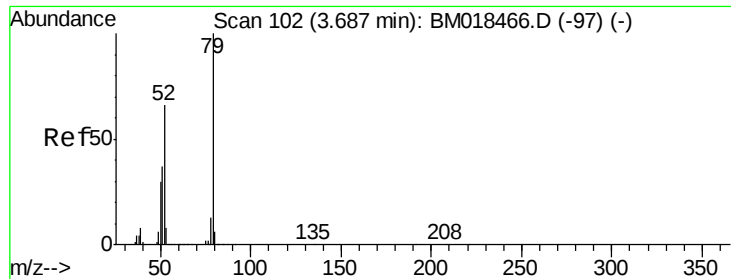
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 35.771 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

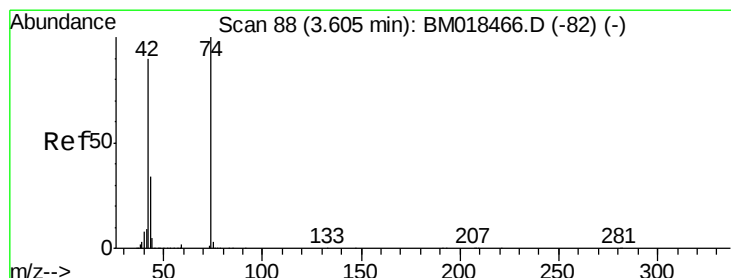
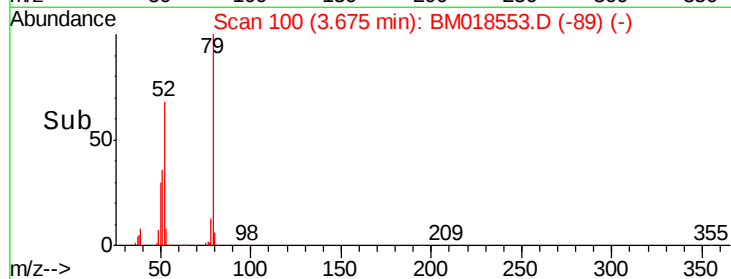
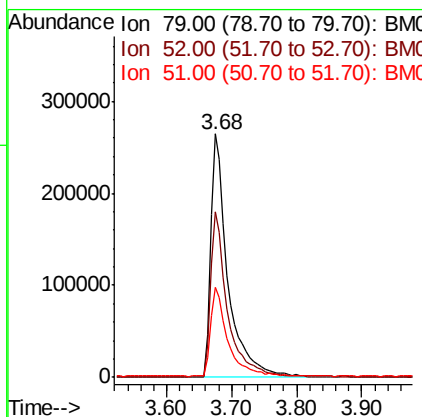
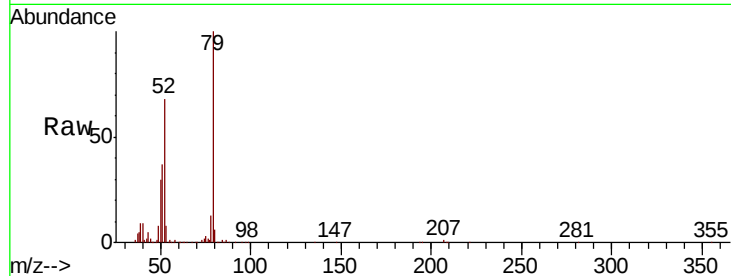
ClientSampleId :

PB116347BS

Tot Ion:	79	Resp:	481197
Ion Ratio	Lower	Upper	
79	100		
52	67.8	56.4	84.6
51	36.8	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 46.283 ng

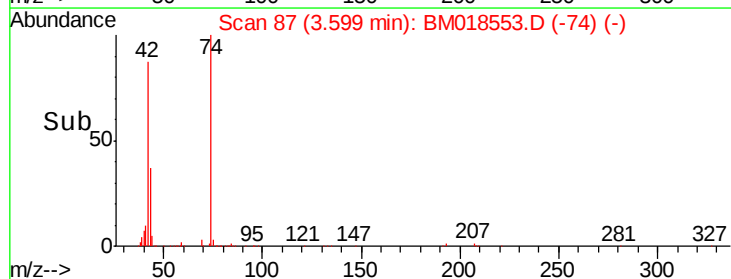
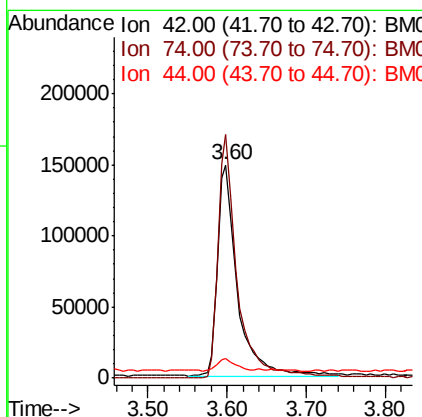
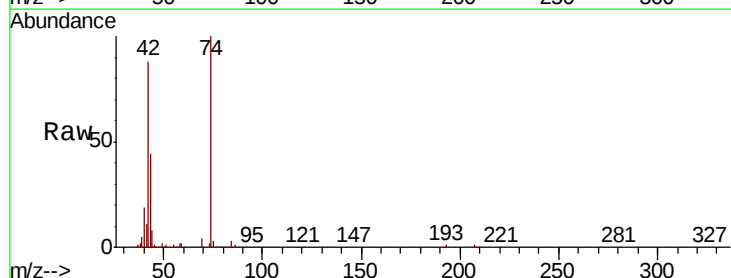
RT: 3.60 min Scan# 87

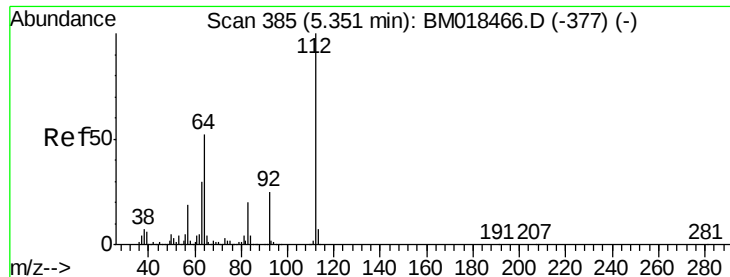
Delta R.T. -0.02 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:	42	Resp:	257454
Ion Ratio	Lower	Upper	
42	100		
74	114.2	88.6	132.8
44	8.9	16.9	25.3#





#5

2-Fluorophenol

Concen: 150.361 ng

RT: 5.35 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

ClientSampleId :

PB116347BS

Tot Ion:112 Resp: 1990525

Ion Ratio Lower Upper

112 100

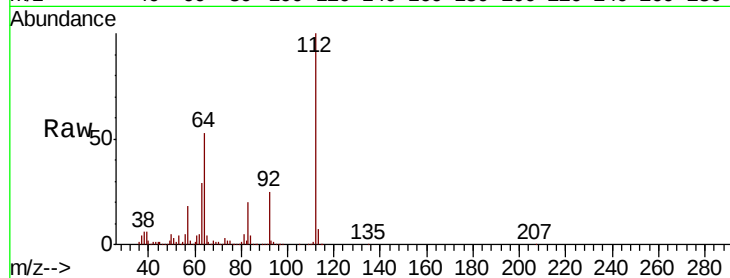
64 52.6 46.5 69.7

63 28.9 25.2 37.8

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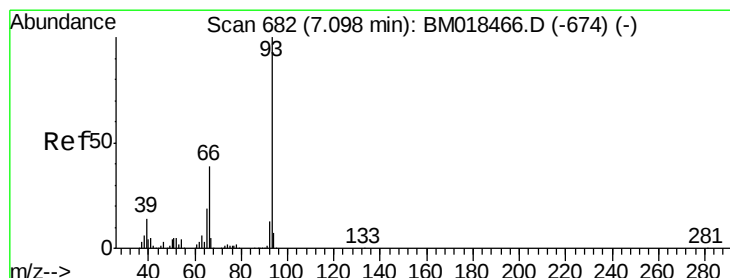
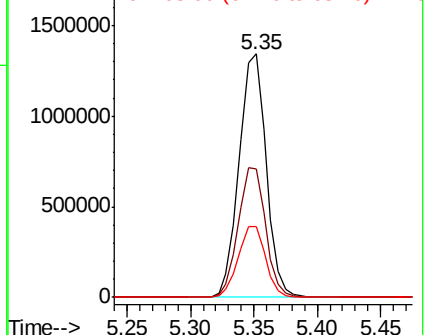
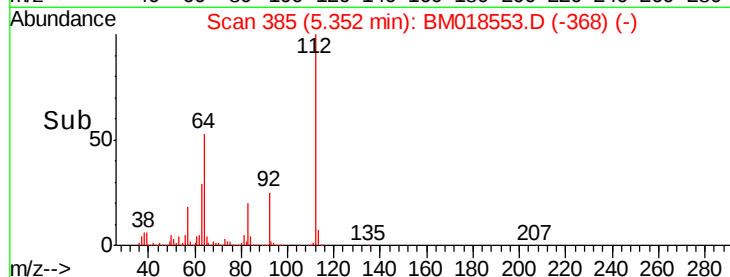
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 33.172 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

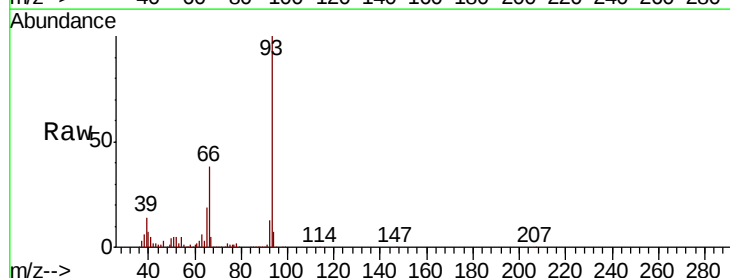
Tgt Ion: 93 Resp: 622185

Ion Ratio Lower Upper

93 100

66 37.9 31.7 47.5

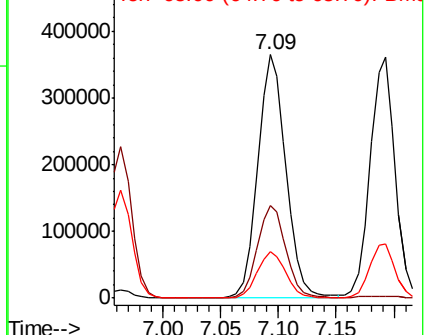
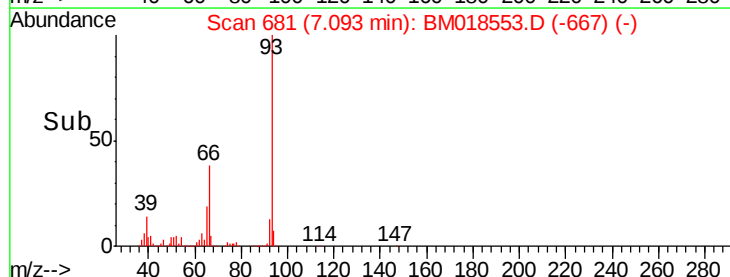
65 19.0 15.9 23.9

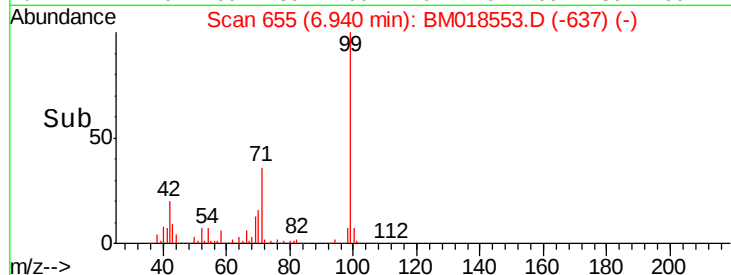
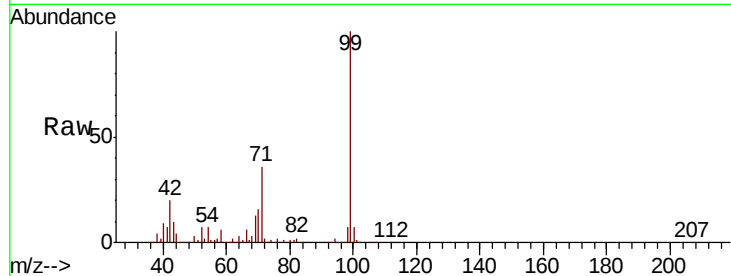
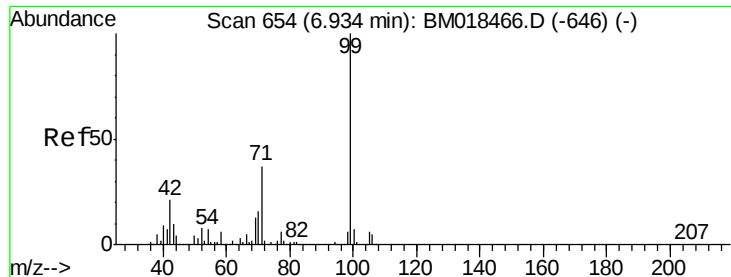


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 152.244 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tot Ion:	99	Resp:	2559867
Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.3	25.9
71	36.2	28.0	42.0

Instrument :

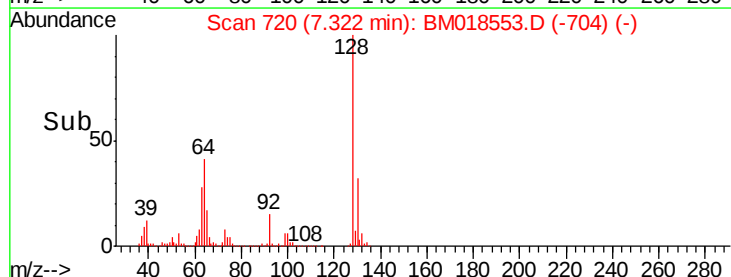
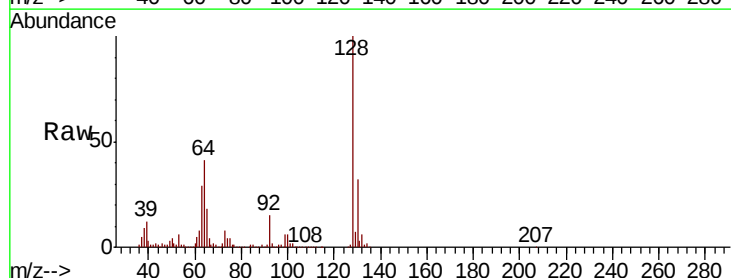
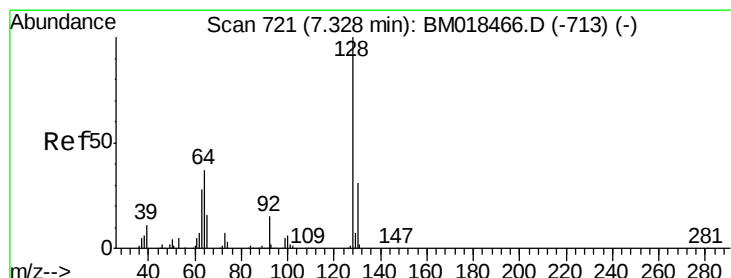
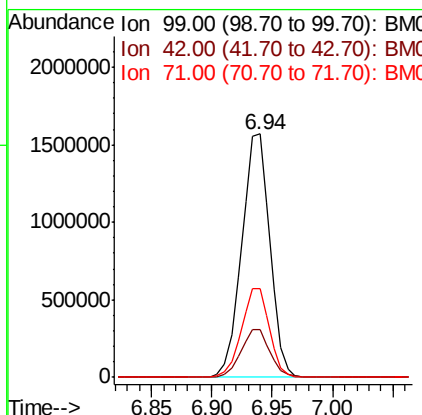
BNA_M

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PB116347BS

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#8

2-Chlorophenol

Concen: 44.722 ng

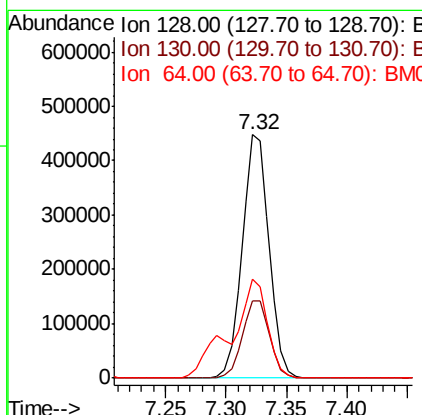
RT: 7.32 min Scan# 720

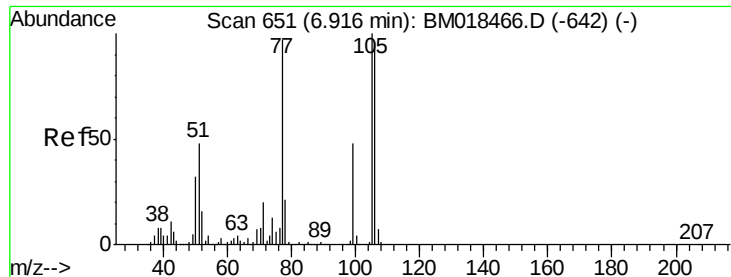
Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:	128	Resp:	691463
Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.6	53.6
64	40.7	24.8	64.8





#9

Benzaldehyde

Concen: 16.034 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

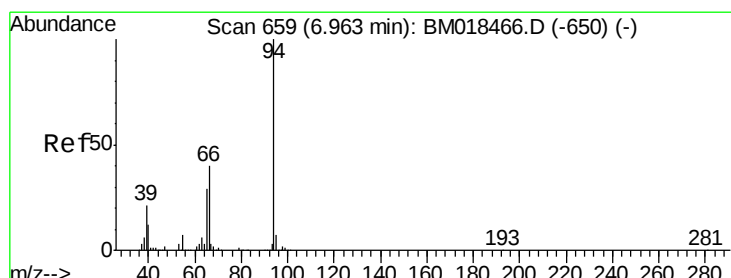
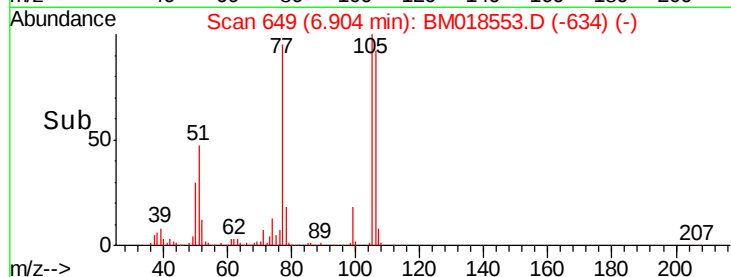
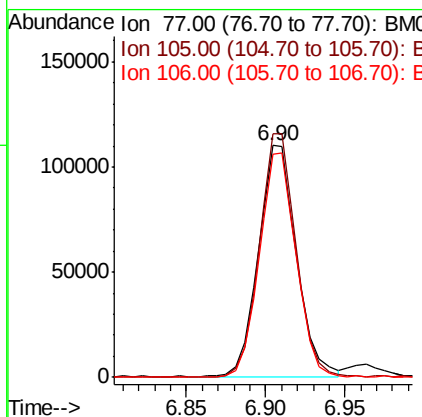
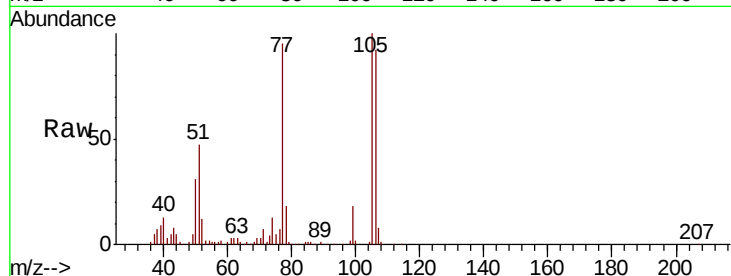
ClientSampleId :

PB116347BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.1	79.7	119.7
106	96.5	75.2	115.2

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#10

Phenol

Concen: 44.679 ng

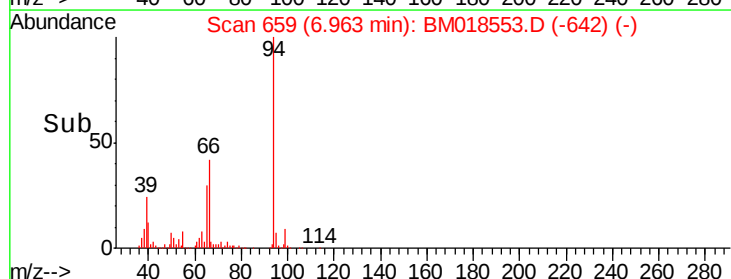
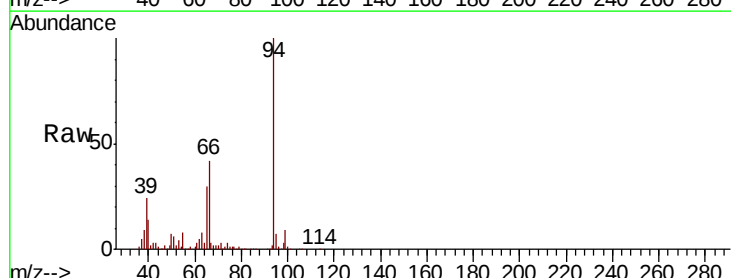
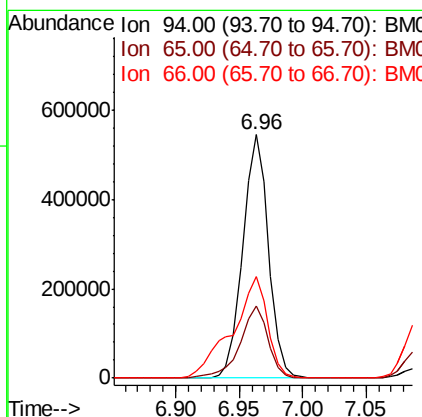
RT: 6.96 min Scan# 659

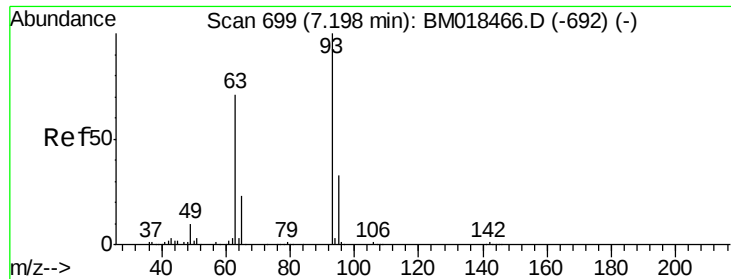
Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.4	49.4
66	41.5	19.1	59.1





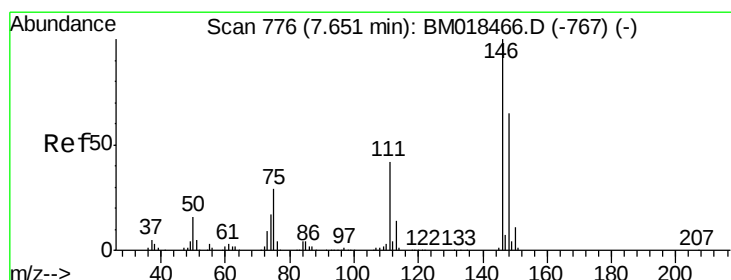
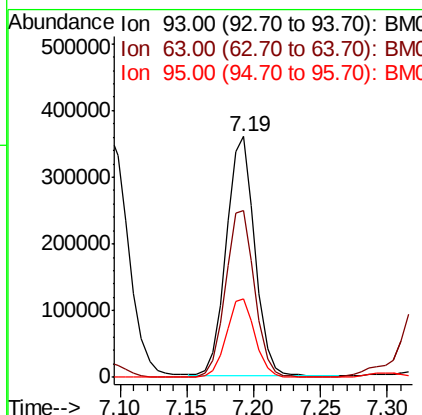
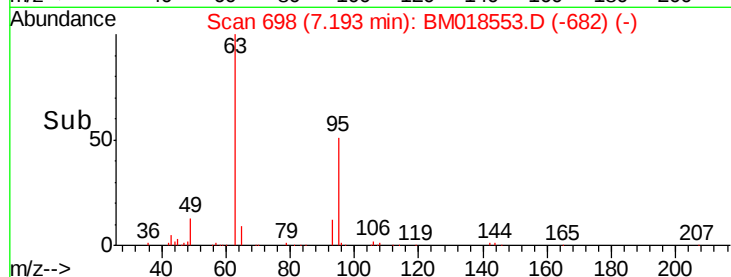
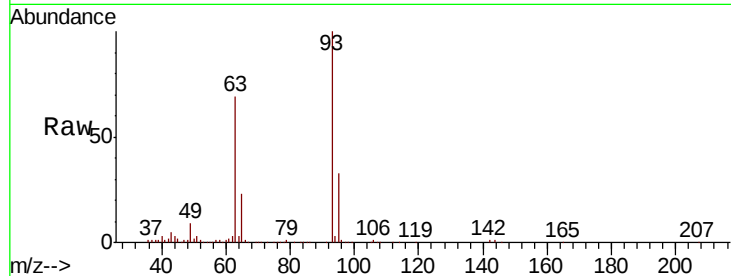
#11
bis(2-Chloroethyl)ether
Concen: 39.974 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampled :
PB116347BS

Tot Ion:	93	Resp:	536659
Ion	Ratio	Lower	Upper
93	100		
63	69.0	56.4	96.4
95	32.6	12.7	52.7

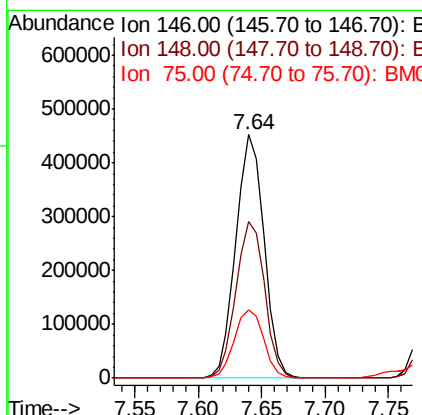
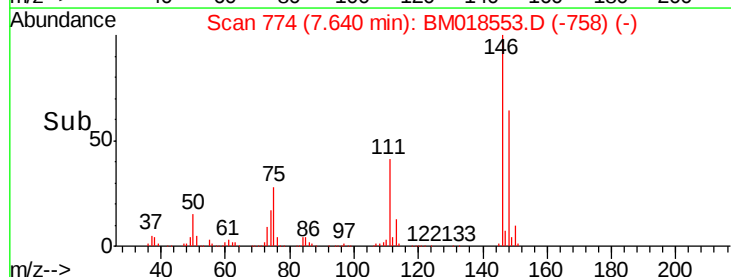
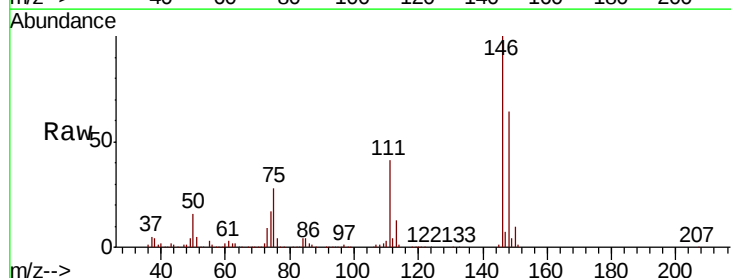
Manual Integrations
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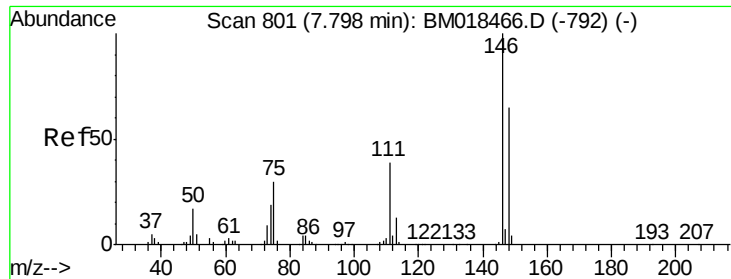
Sohil
1/15/2019 12:20:06 PM



#12
1,3-Dichlorobenzene
Concen: 37.982 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion:	146	Resp:	699365
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.5	75.7
75	28.2	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 38.534 ng

RT: 7.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

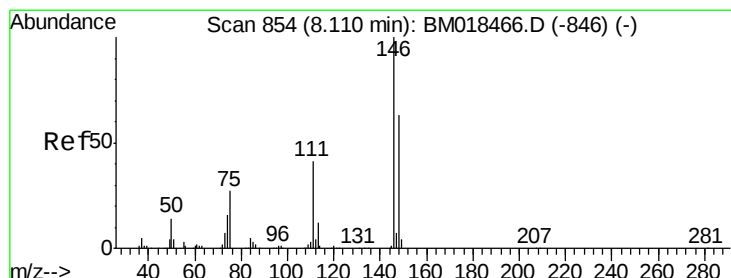
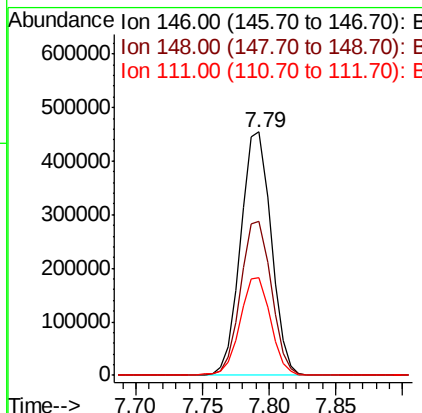
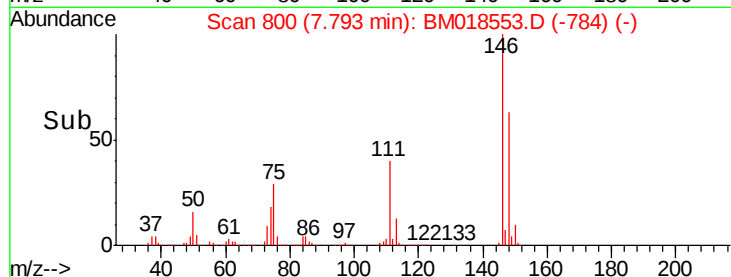
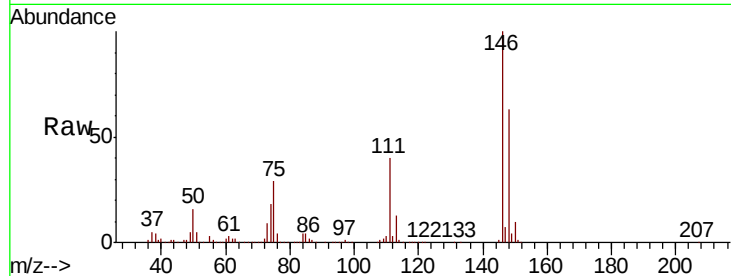
ClientSampleId :

PB116347BS

Tot Ion:	146	Resp:	719130
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.8	76.2
111	39.9	32.2	48.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.572 ng

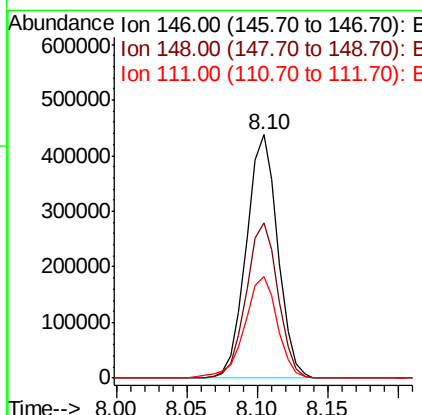
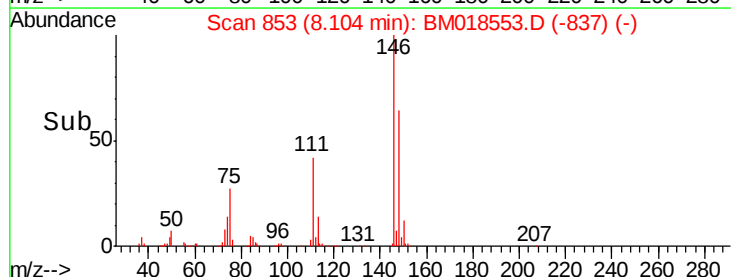
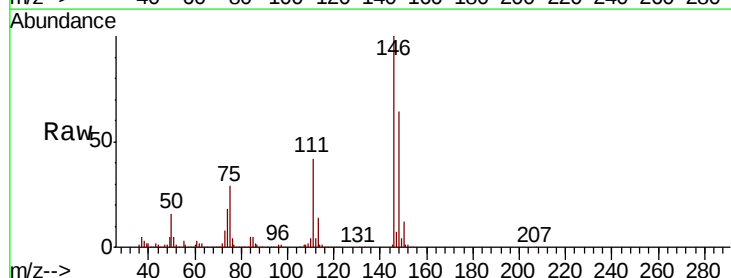
RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:	146	Resp:	682569
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.0	76.6
111	41.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 45.793 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

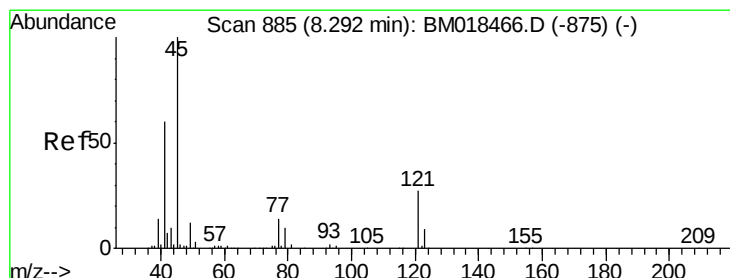
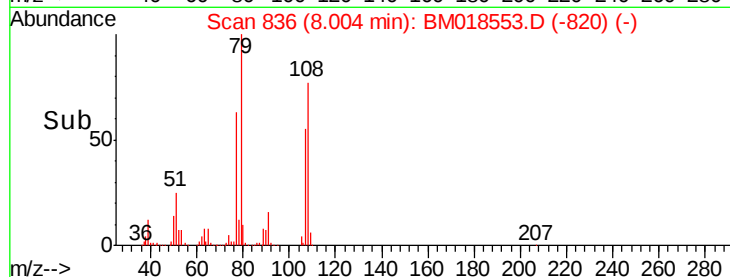
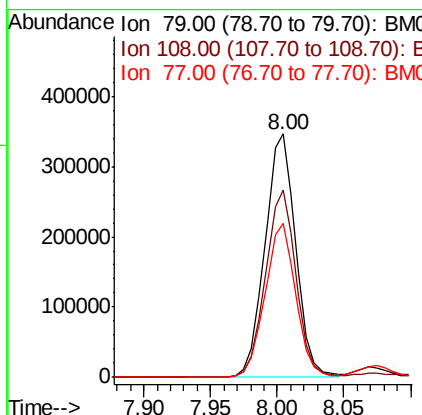
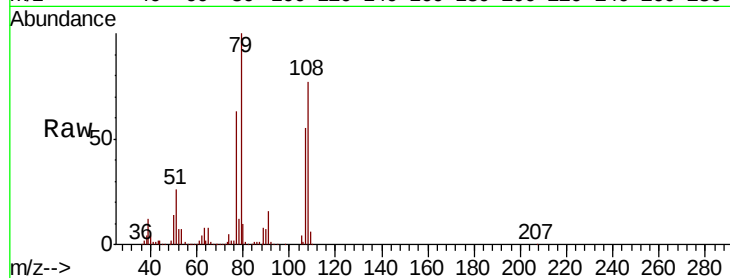
ClientSampleId :

PB116347BS

Tot Ion:	79	Resp:	556120
Ion Ratio	Lower	Upper	
79	100		
108	76.9	60.4	90.6
77	63.1	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.294 ng

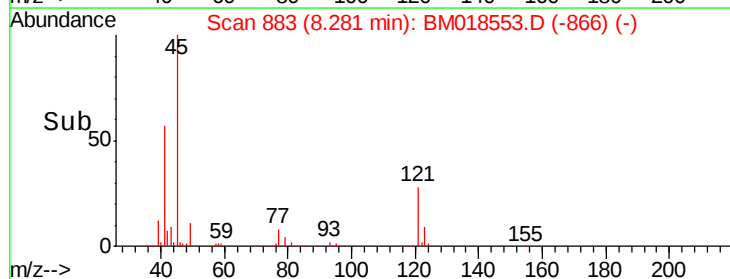
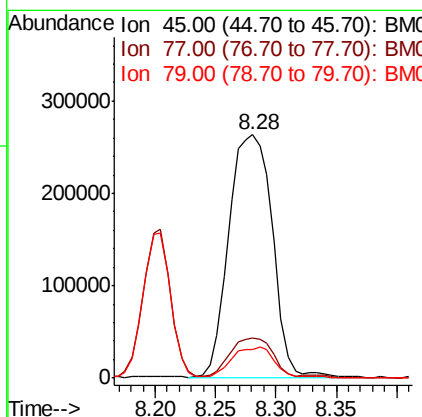
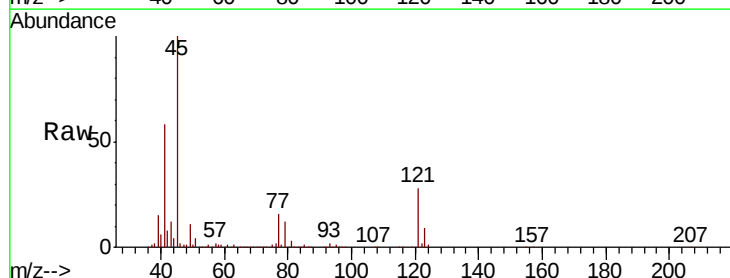
RT: 8.28 min Scan# 883

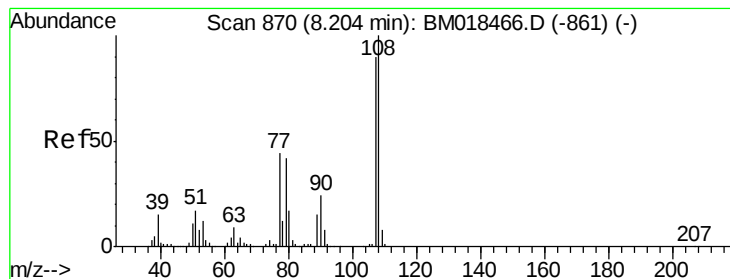
Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:	45	Resp:	657000
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	33.4
79	11.9	0.0	31.1





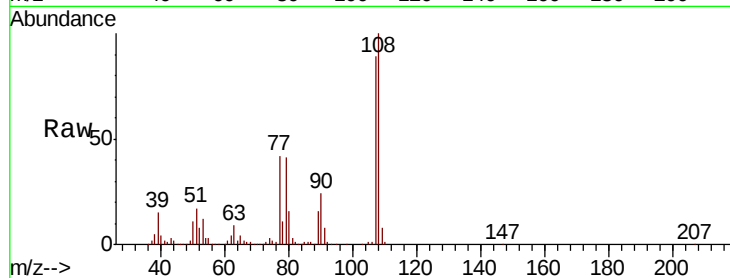
#17
2-Methylphenol
Concen: 46.725 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	87.5	131.3	
77	47.4	37.3	55.9	
79	46.3	36.4	54.6	

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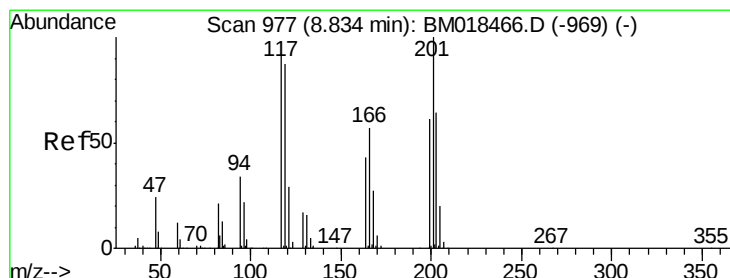
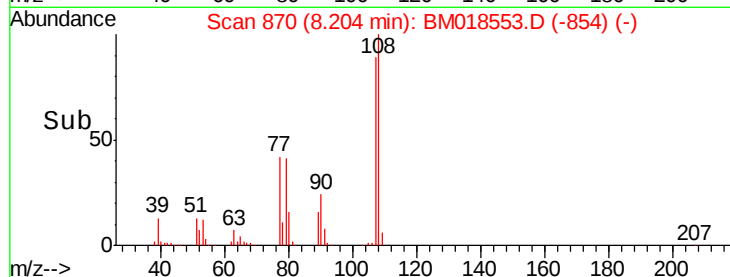
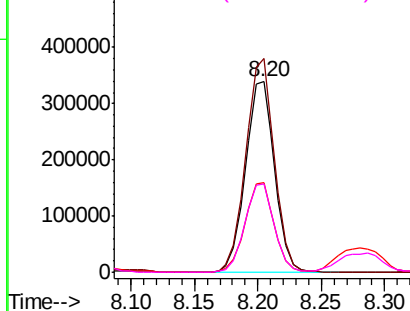
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

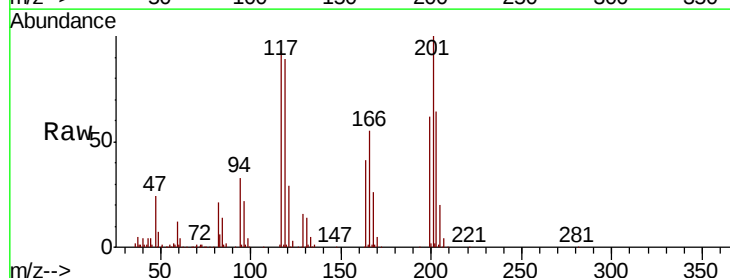
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 38.953 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	78.3	117.5	
201	107.0	81.4	122.0	

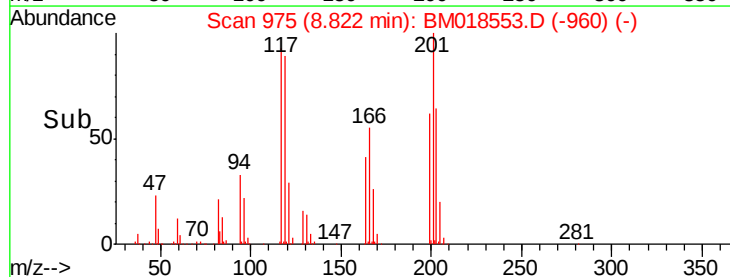
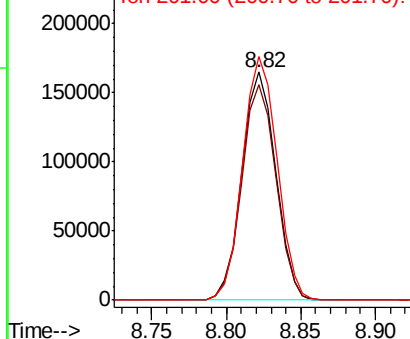


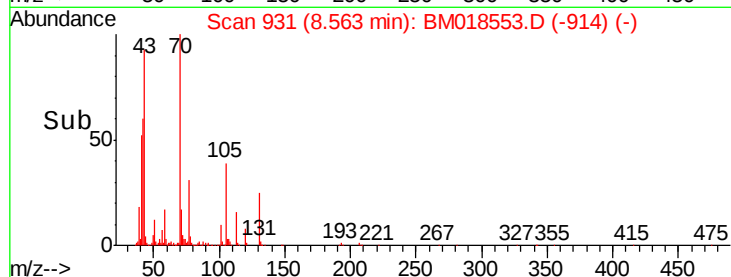
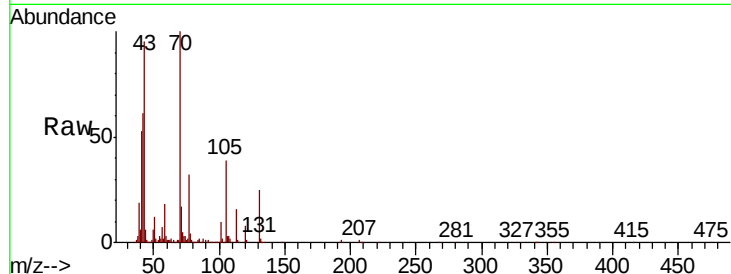
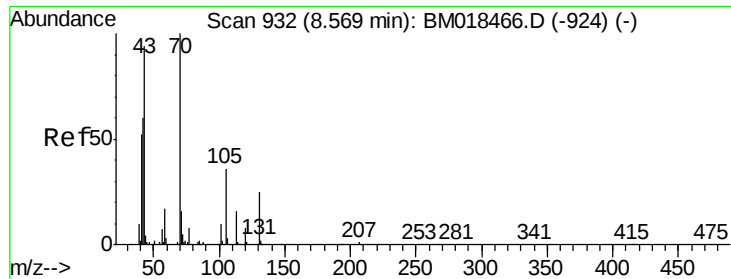
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





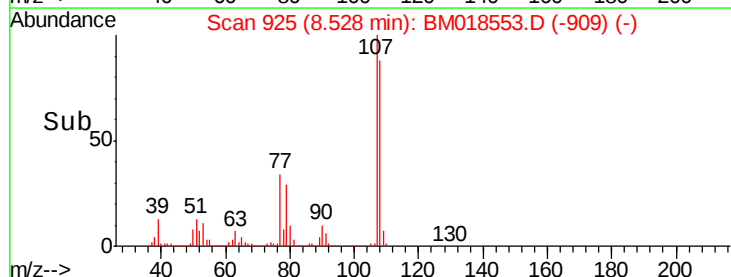
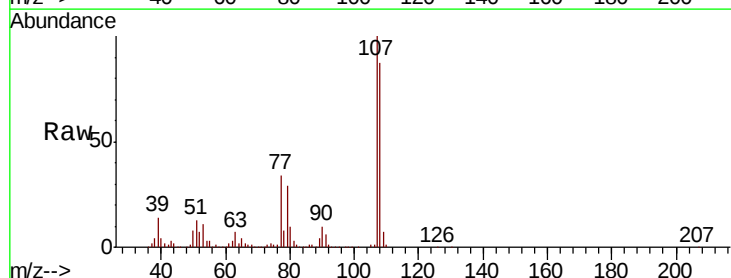
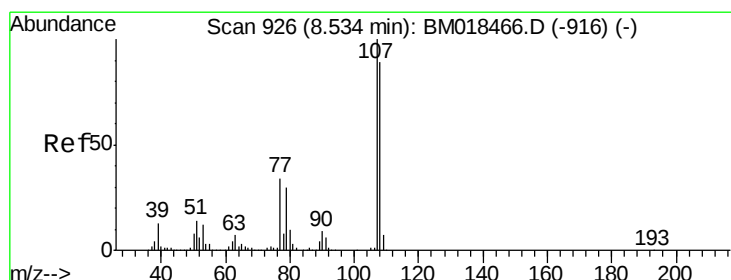
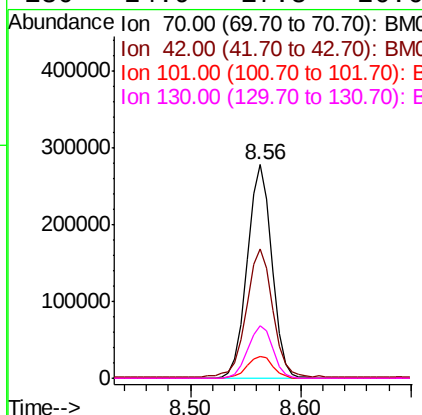
#19
n-Nitroso-di-n-propylamine
Concen: 39.979 ng
RT: 8.56 min Scan# 931
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion	Ion	Ratio	Lower	Upper
437463	70	100		
	42	60.7	54.0	81.0
	101	10.5	8.1	12.1
	130	24.9	17.8	26.6

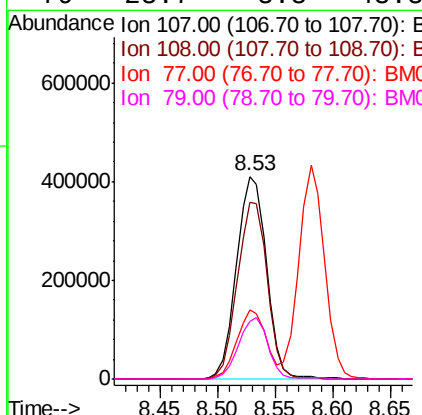
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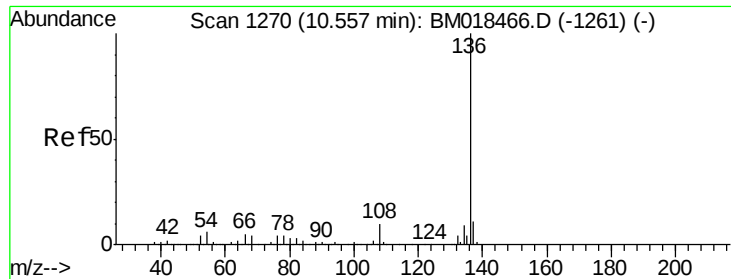
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#20
3+4-Methylphenols
Concen: 46.247 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ion	Ratio	Lower	Upper
740438	107	100		
	108	87.4	66.8	106.8
	77	33.9	13.3	53.3
	79	28.7	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

ClientSampleId :

PB116347BS

Tot Ion:136 Resp: 1010443

Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

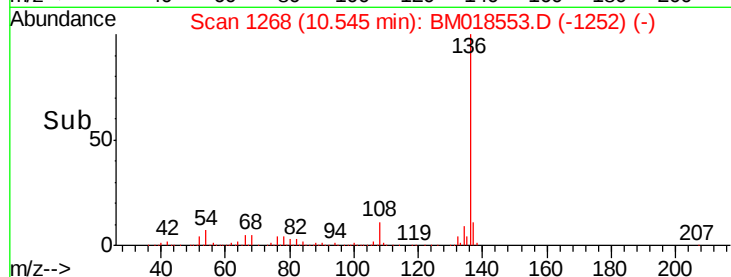
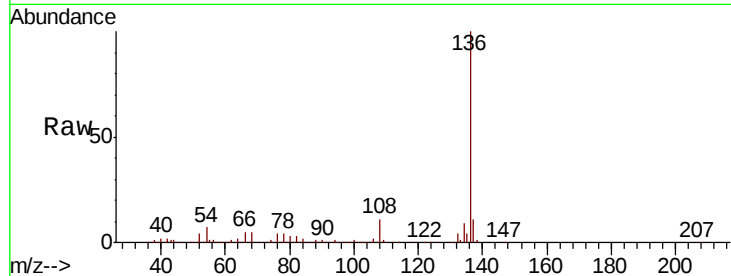
54 6.7 6.0 9.0

68 4.7 4.5 6.7

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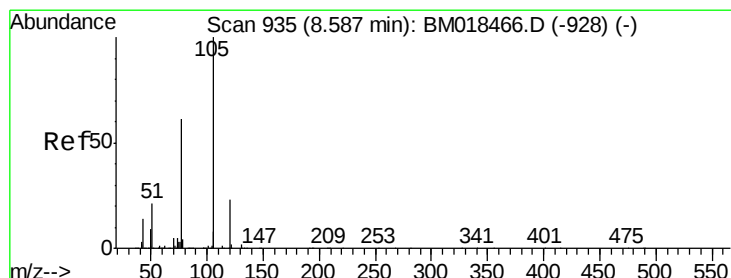
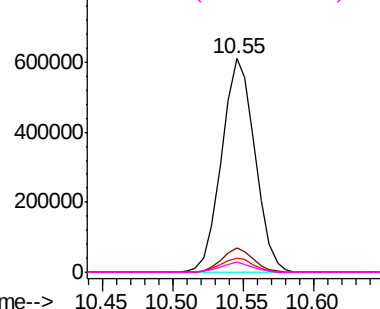


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.148 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:105 Resp: 903555

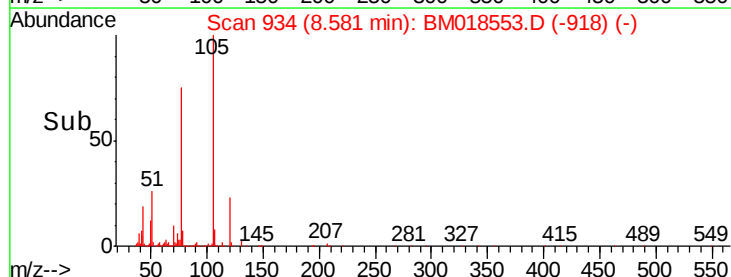
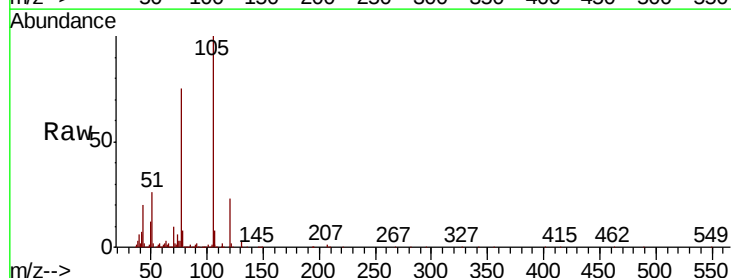
Ion Ratio Lower Upper

105 100

71 1.7 1.7 2.5

51 26.5 22.6 34.0

120 23.1 18.3 27.5

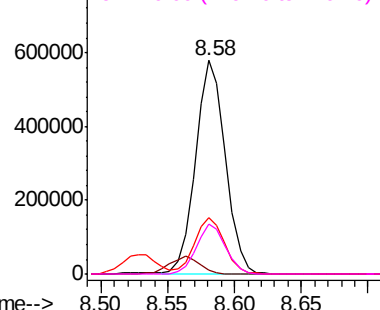


Abundance Ion 105.00 (104.70 to 105.70): E

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





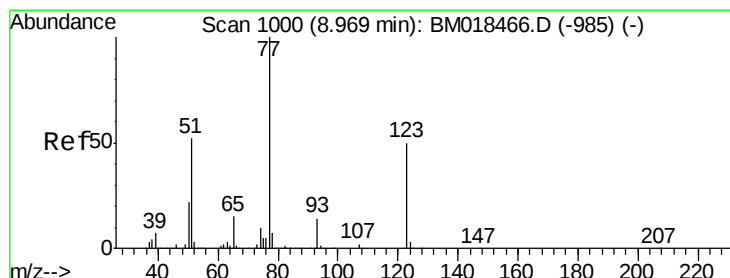
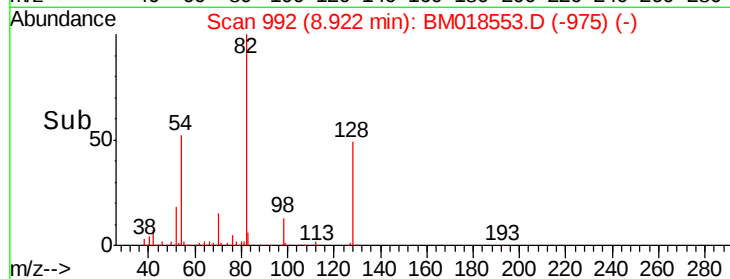
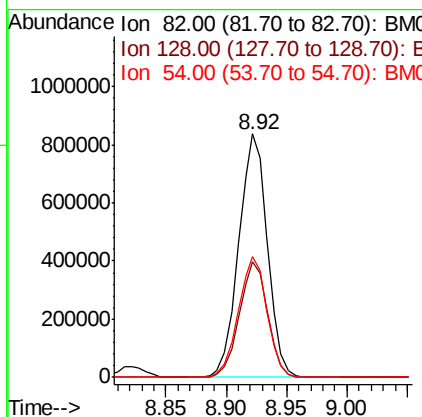
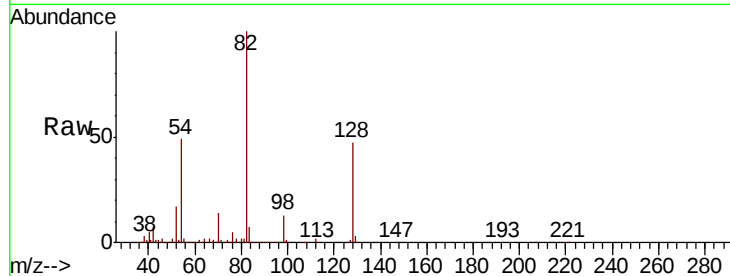
#23
 Nitrobenzene-d5
 Concen: 79.192 ng
 RT: 8.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Instrument :
 BNA_M
 ClientSampled :
 PB116347BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.3	54.5
54	49.5	41.7	62.5

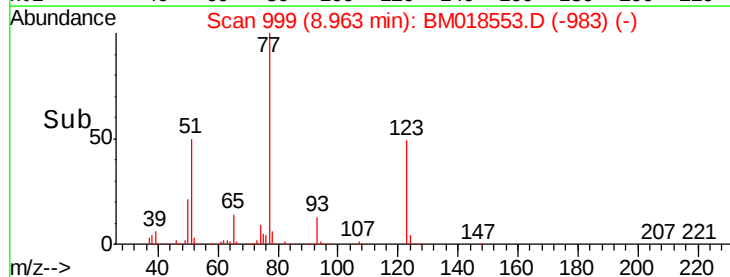
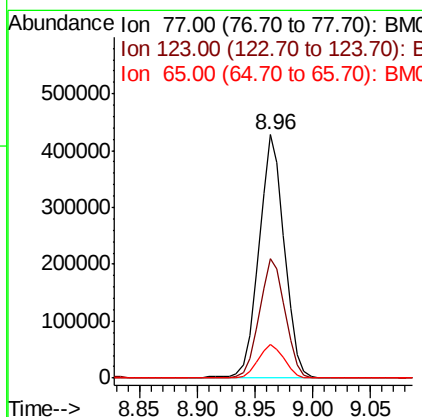
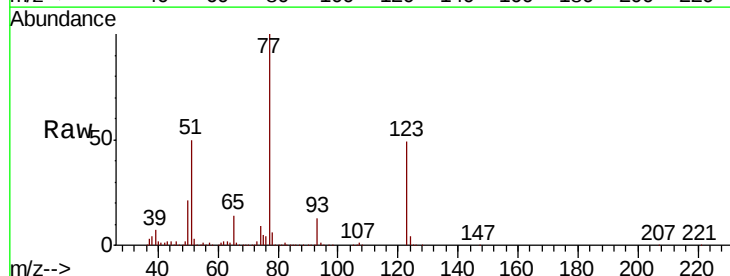
Manual Integrations
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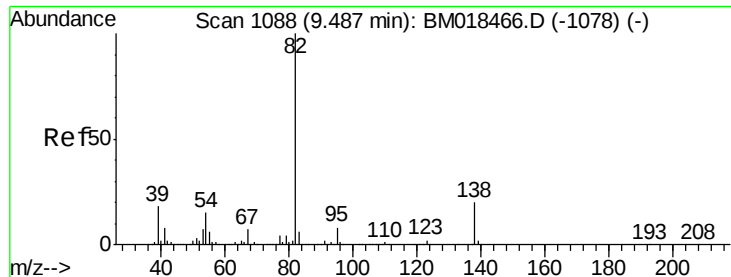
Sohil
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#24
 Nitrobenzene
 Concen: 38.277 ng
 RT: 8.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.7	56.5
65	13.9	11.0	16.6





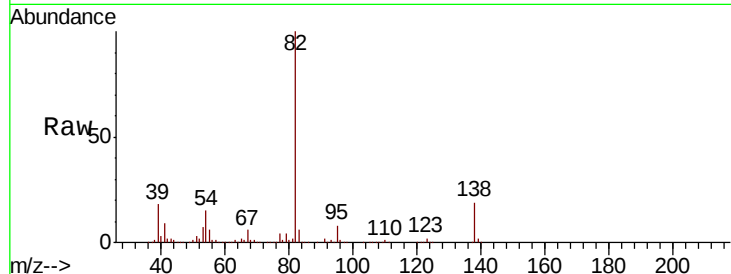
#25
Isophorone
Concen: 45.749 ng
RT: 9.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleID :
PB116347BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.1	9.1
138	19.1	15.1	22.7

Manual Integrations
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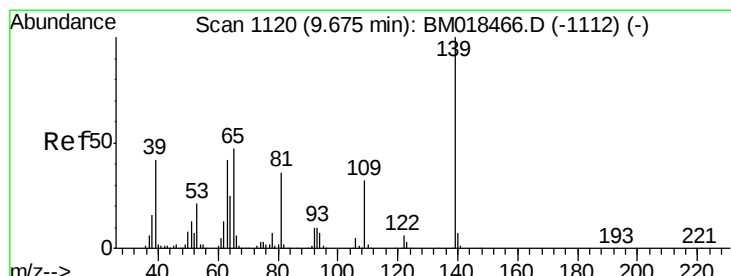
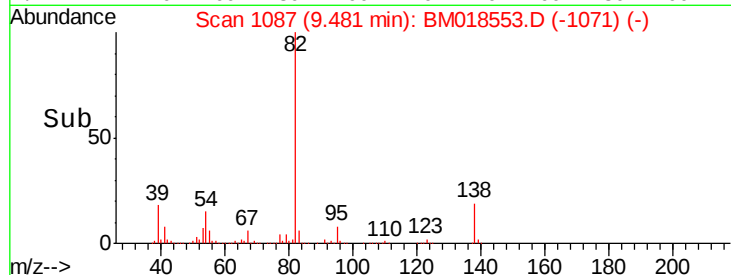
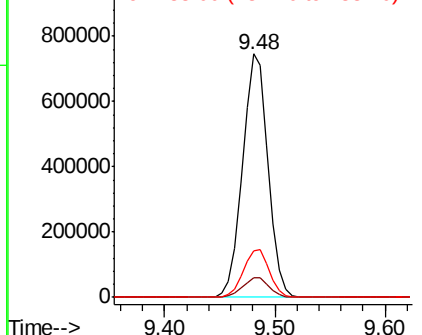


Abundance

Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

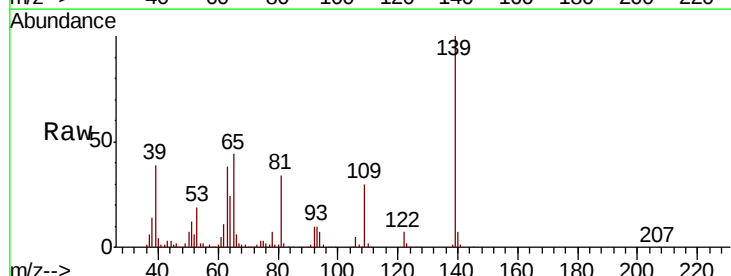
Ion 95.00 (94.70 to 95.70): BM018553.D (-1103) (-)

Ion 138.00 (137.70 to 138.70): BM018553.D (-1103) (-)



#26
2-Nitrophenol
Concen: 45.343 ng
RT: 9.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.1	23.4	35.2
65	44.1	39.4	59.2

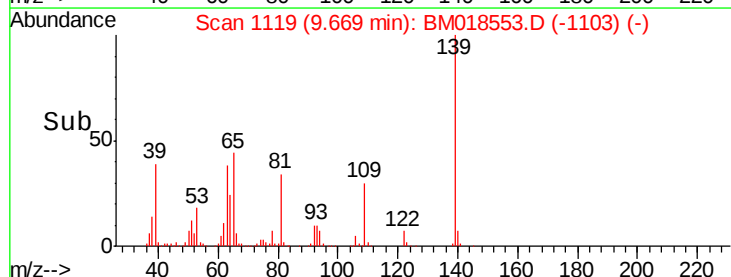
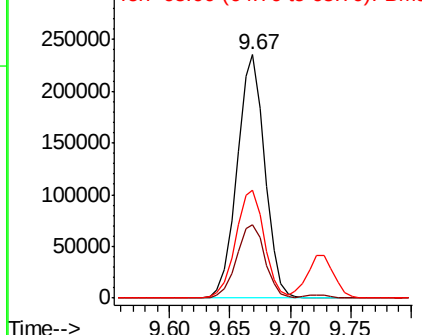


Abundance

Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018553.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM018553.D (-1103) (-)





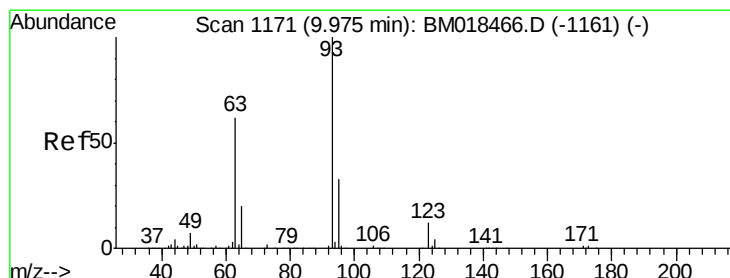
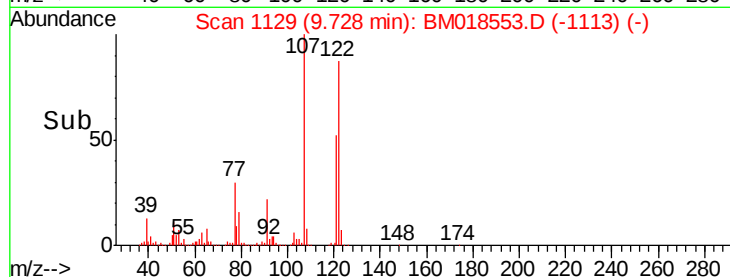
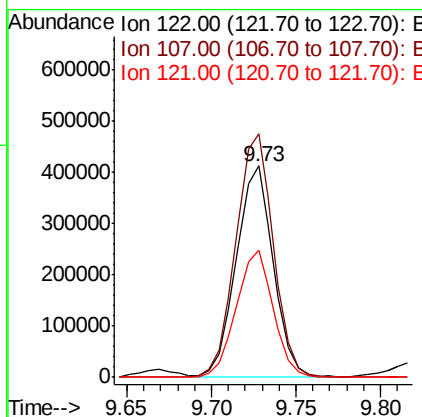
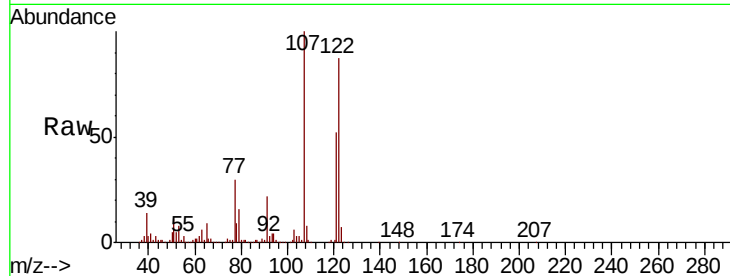
#27
2,4-Dimethylphenol
Concen: 50.332 ng
RT: 9.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	91.9	137.9
121	60.0	47.5	71.3

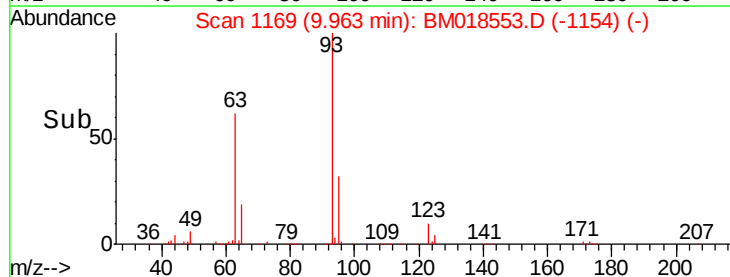
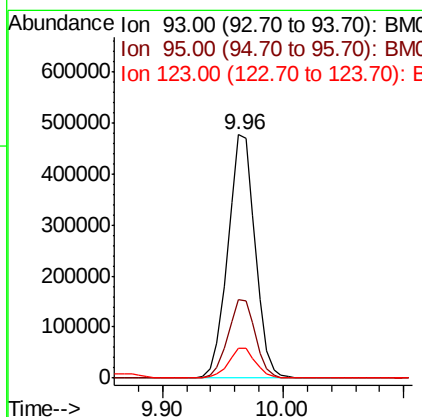
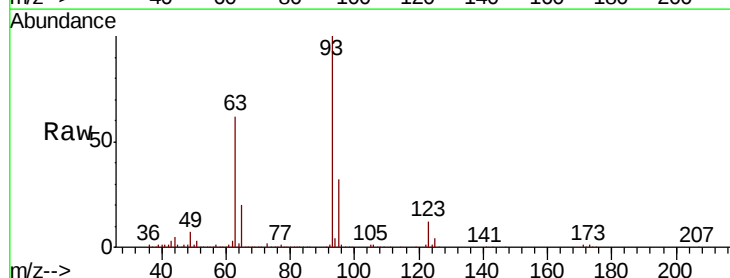
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 41.024 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	39.8
123	12.1	9.9	14.9





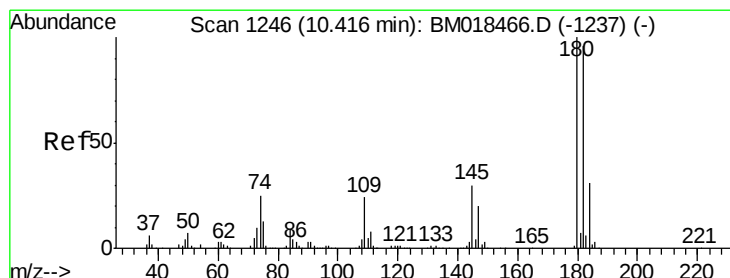
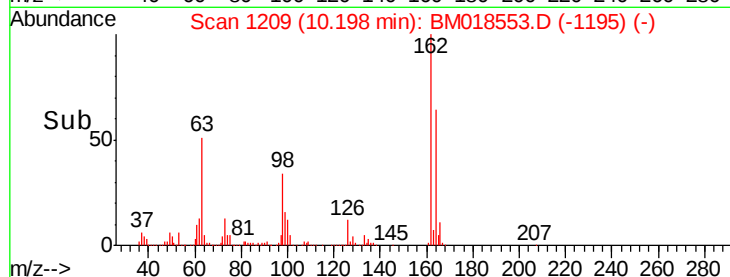
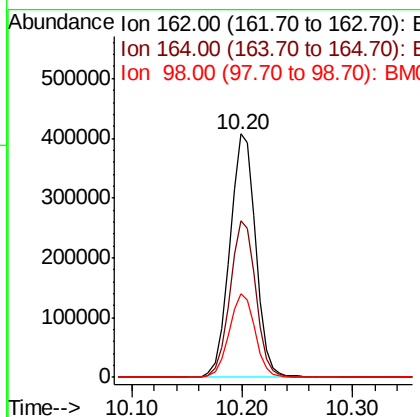
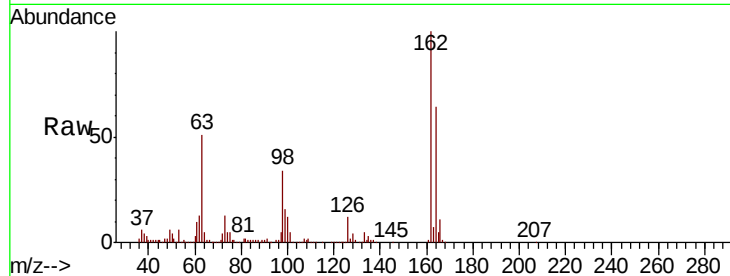
#29
 2,4-Dichlorophenol
 Concen: 45.289 ng
 RT: 10.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Instrument :
 BNA_M
 ClientSampled :
 PB116347BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	670312		
164	64.4	45.6	85.6	
98	34.1	14.7	54.7	

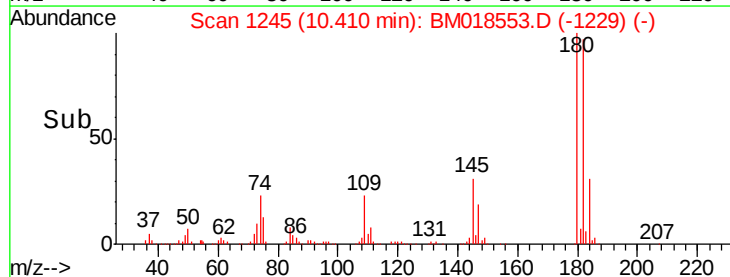
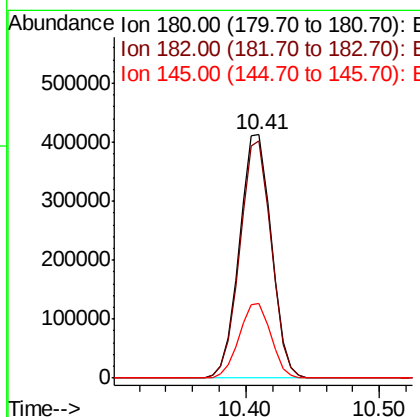
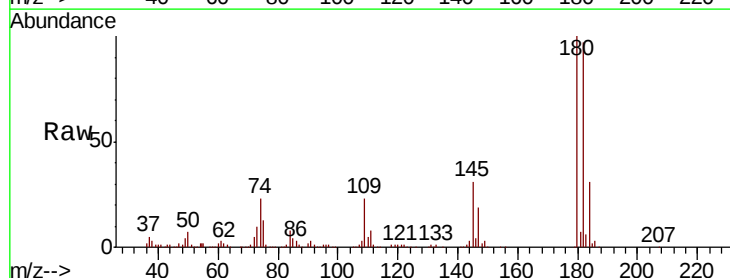
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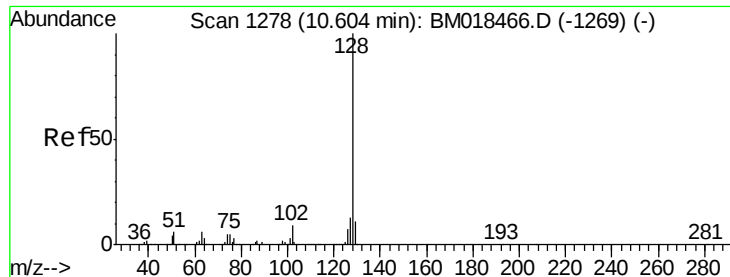
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.113 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	681811		
182	97.5	77.4	116.2	
145	30.6	24.6	37.0	





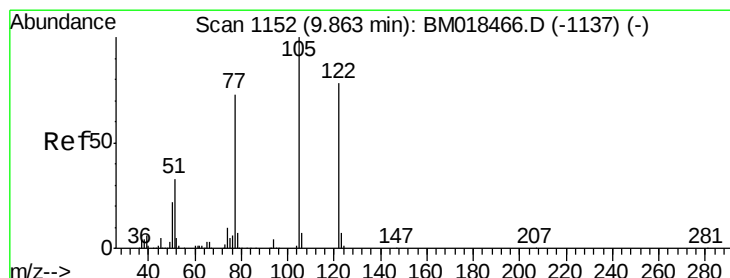
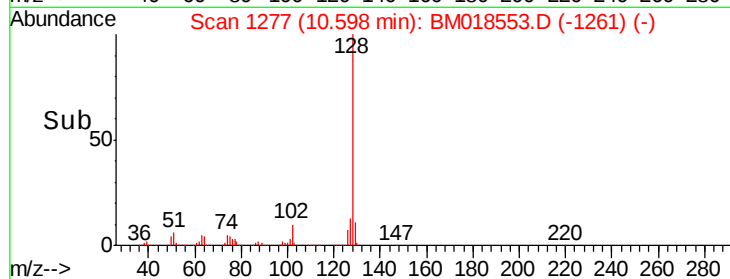
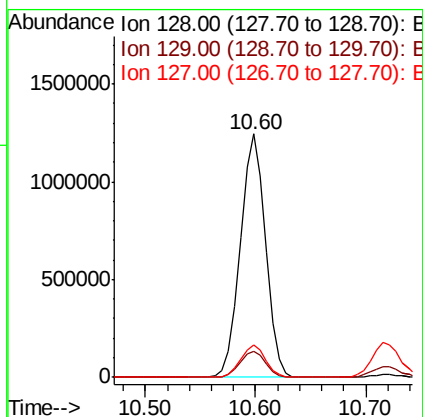
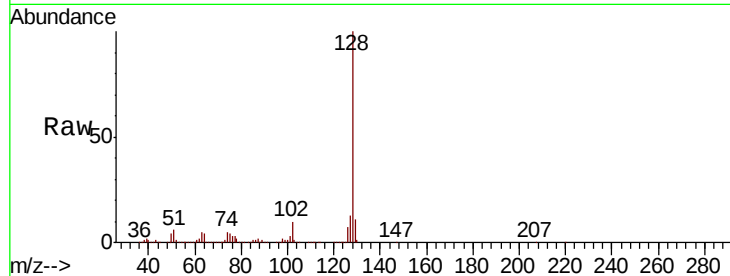
#31
Naphthalene
Concen: 40.962 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

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

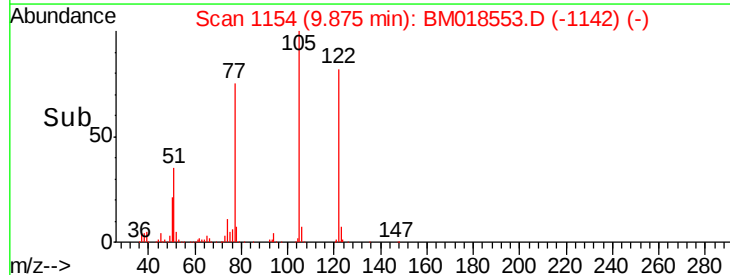
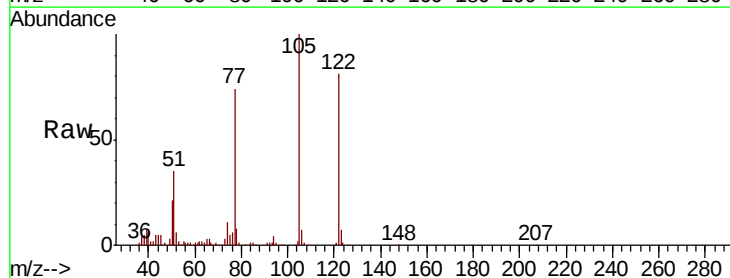
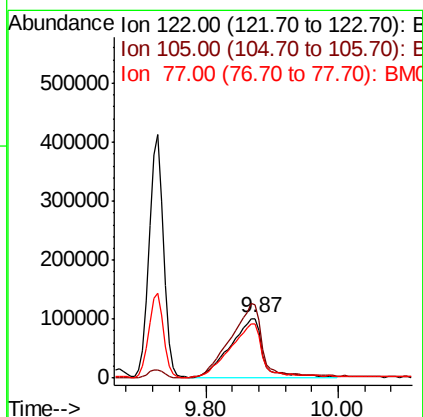
Manual Integrations
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#32
Benzoic acid
Concen: 42.195 ng m
RT: 9.87 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	100.4	140.4
77	91.5	71.7	111.7





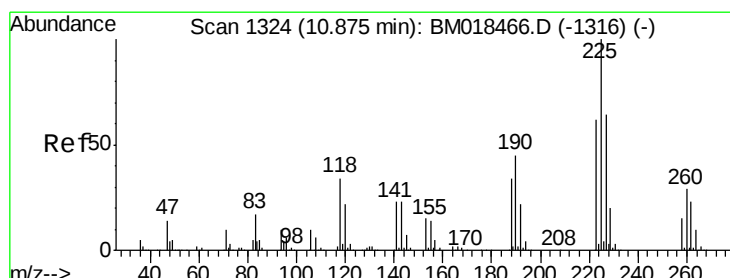
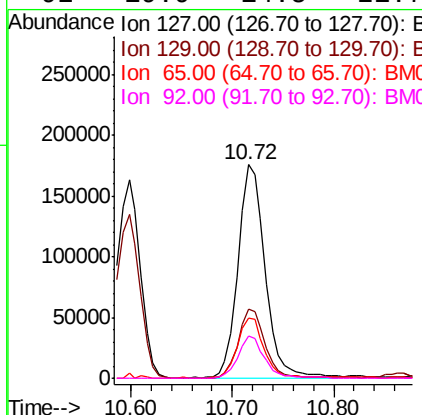
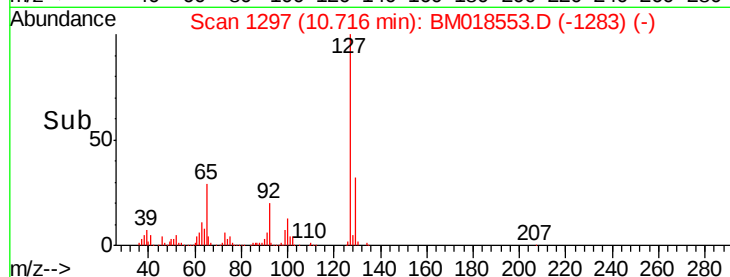
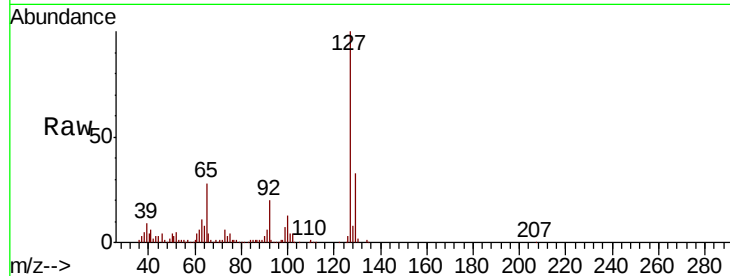
#33
4-Chloroaniline
Concen: 16.973 ng
RT: 10.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6		25.9	38.9	
65	28.4		23.4	35.2	
92	19.9		14.5	21.7	

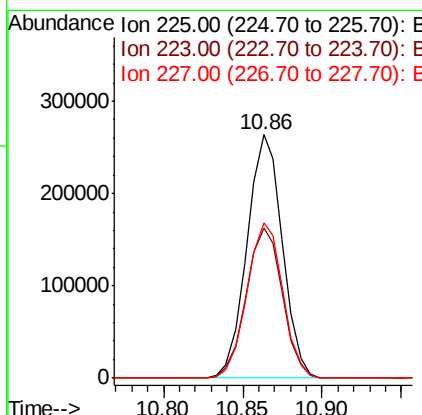
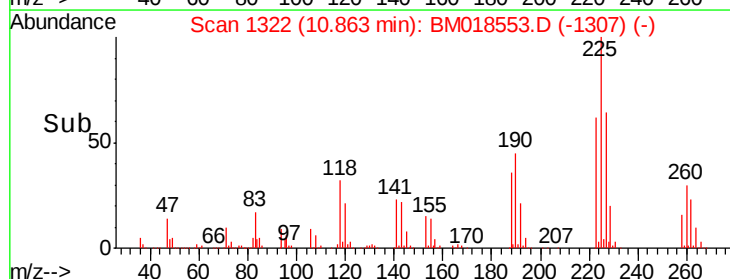
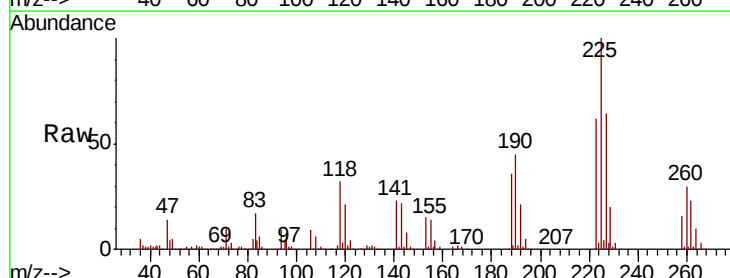
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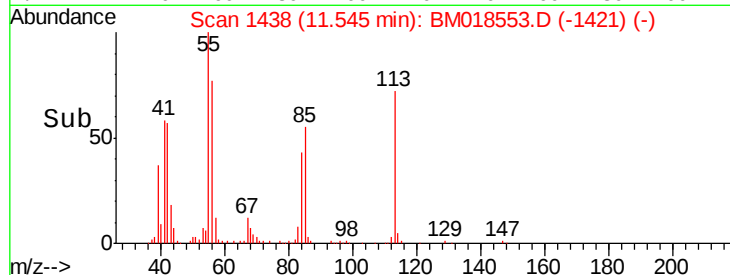
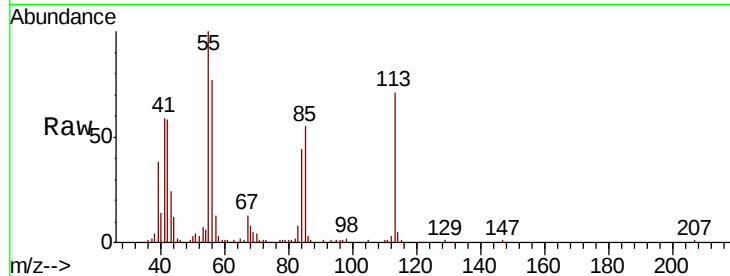
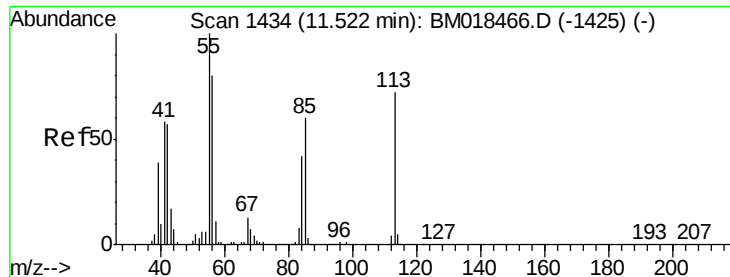
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#34
Hexachlorobutadiene
Concen: 35.173 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8		50.8	76.2	
227	63.7		50.4	75.6	





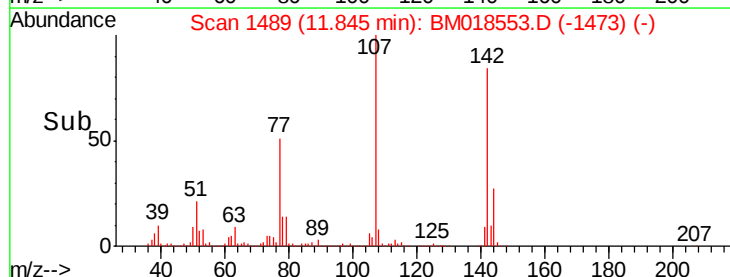
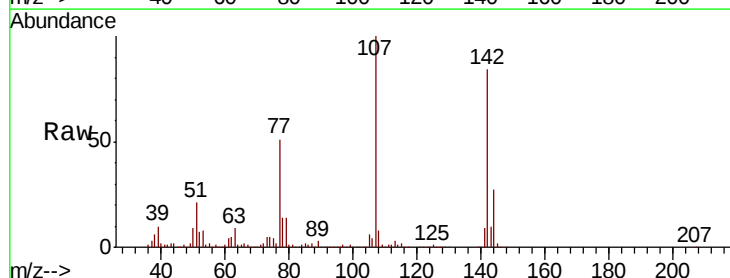
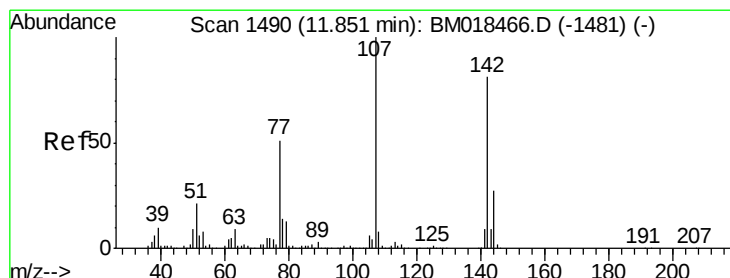
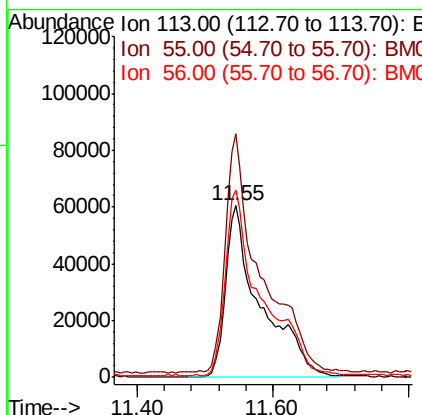
#35
Caprolactam
Concen: 43.451 ng/ml
RT: 11.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tot Ion	Ratio	Resp	Lower	Upper
113	100	218651		
55	141.8	139.3	179.3	
56	109.1	101.4	141.4	

Instrument :
BNA_M
ClientSampleId :
PB116347BS

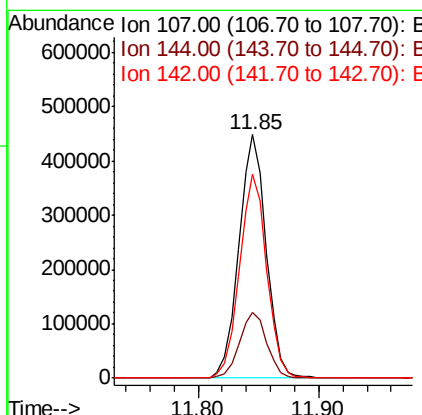
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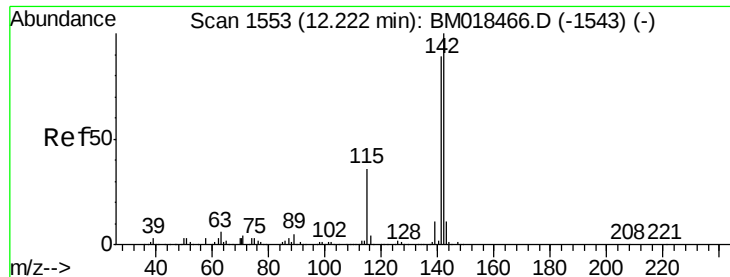
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#36
4-Chloro-3-methylphenol
Concen: 45.473 ng/ml
RT: 11.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	706106		
144	26.9	21.9	32.9	
142	83.5	67.9	101.9	





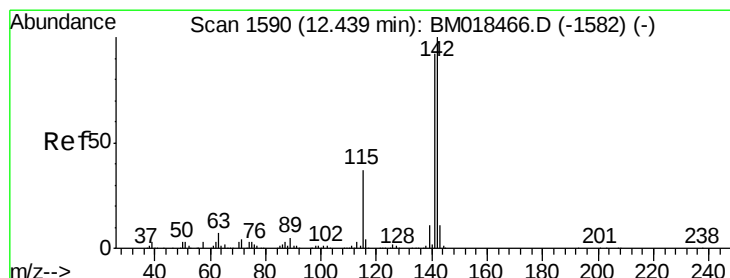
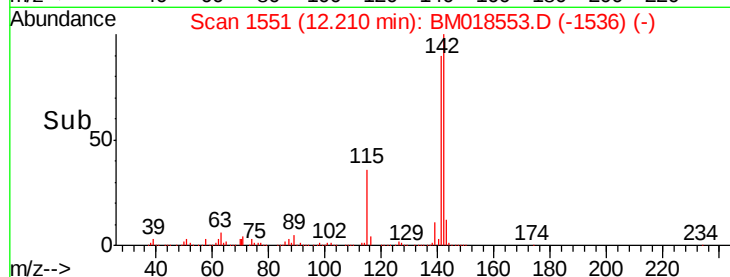
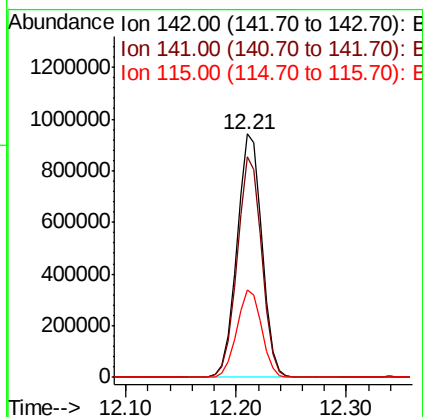
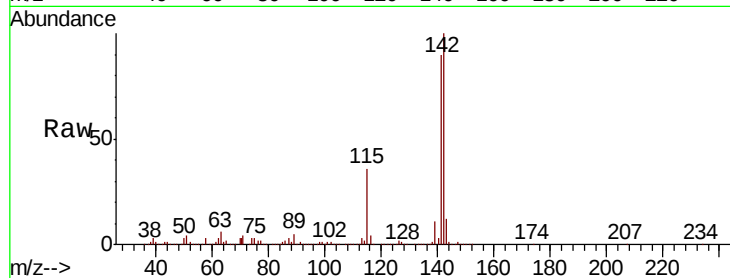
#37
2-Methylnaphthalene
Concen: 43.417 ng
RT: 12.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion:142 Resp: 1492758
Ion Ratio Lower Upper
142 100
141 90.4 71.4 107.2
115 35.7 28.0 42.0

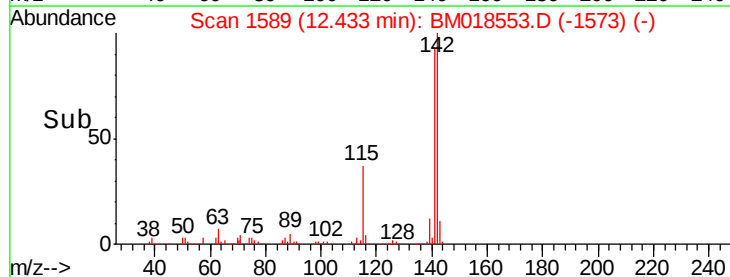
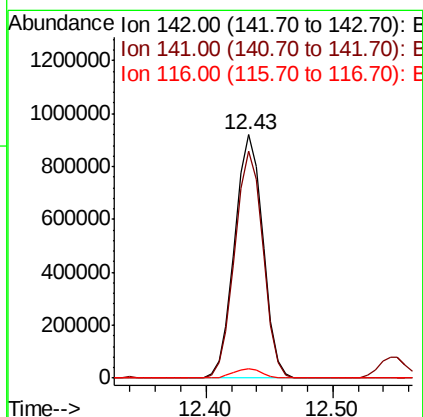
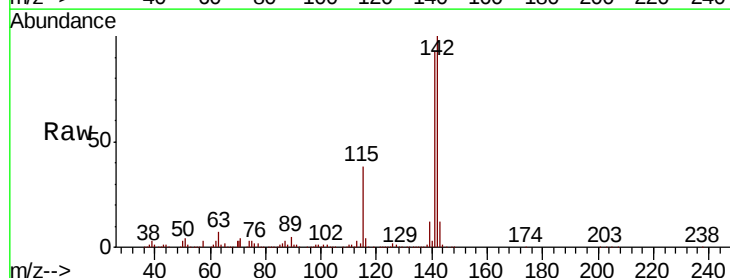
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#38
1-Methylnaphthalene
Concen: 42.631 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion:142 Resp: 1418226
Ion Ratio Lower Upper
142 100
141 93.1 75.6 113.4
116 4.1 3.0 4.6





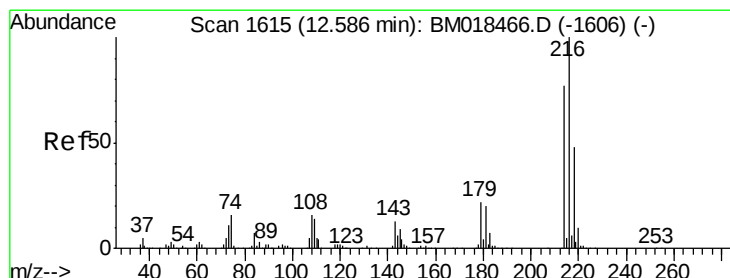
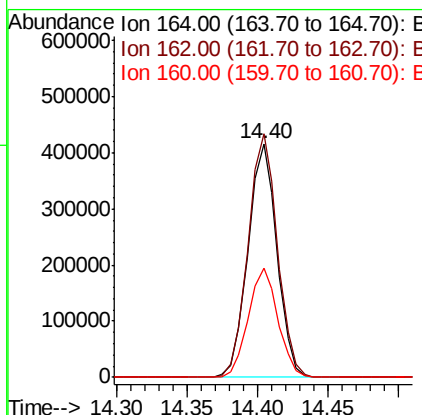
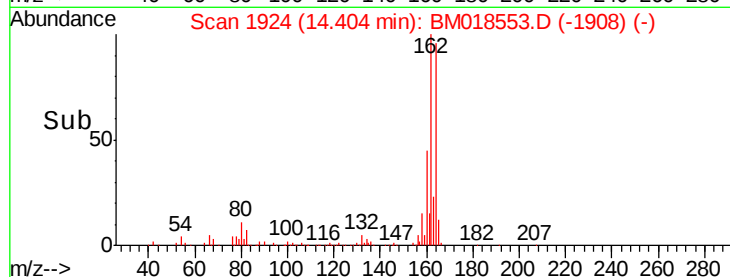
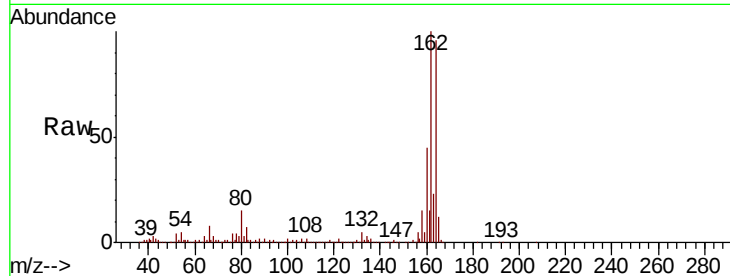
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion:	164	Resp:	598388
Ion Ratio	Lower	Upper	
164	100		
162	104.3	83.0	124.4
160	47.0	37.1	55.7

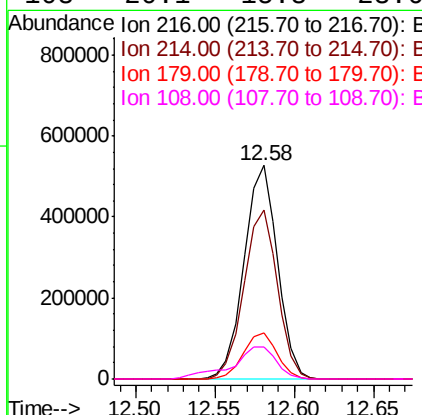
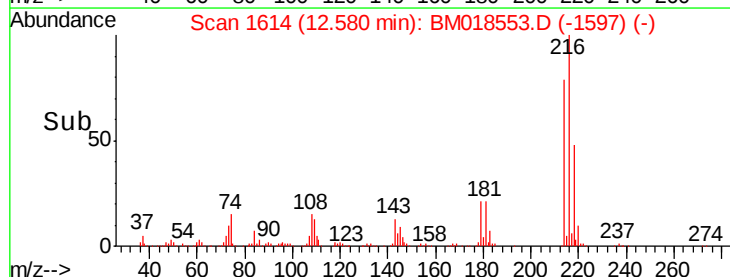
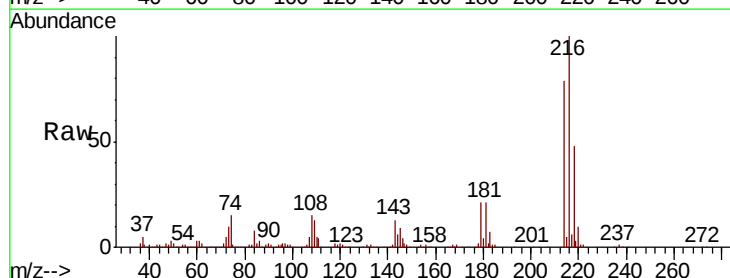
Manual Integrations
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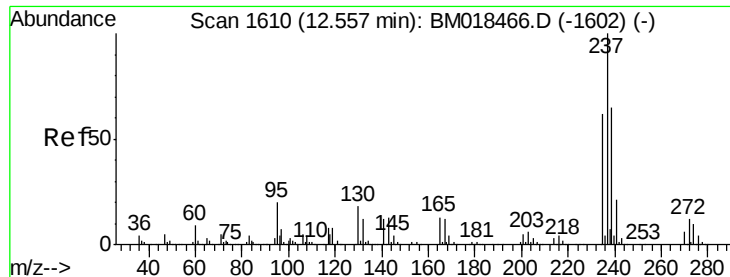
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.892 ng
RT: 12.58 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion:	216	Resp:	771970
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.4	95.0
179	21.5	17.9	26.9
108	20.1	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 89.400 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

ClientSampleId :

PB116347BS

Tot Ion:237 Resp: 1026714

Ion Ratio Lower Upper

237 100

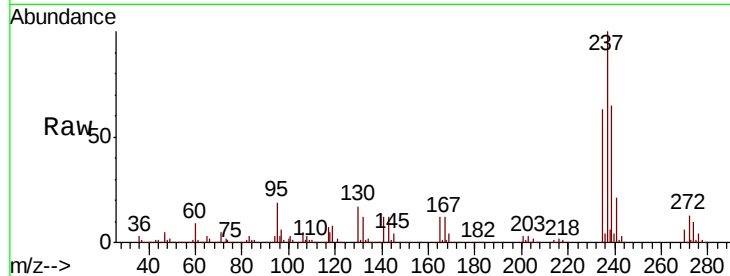
235 62.7 42.8 82.8

272 12.6 0.0 31.9

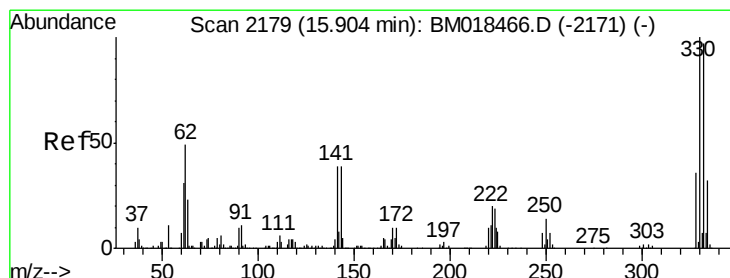
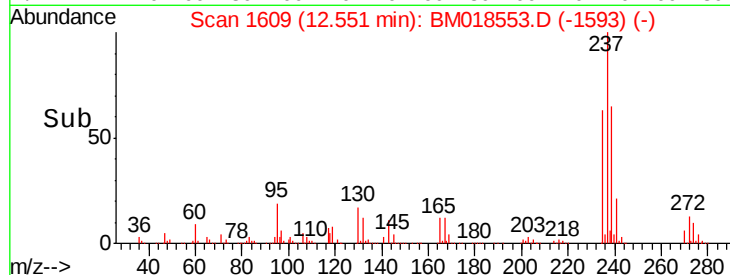
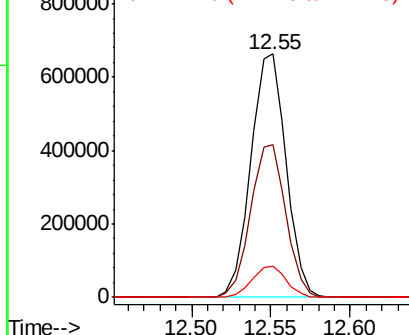
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 154.017 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

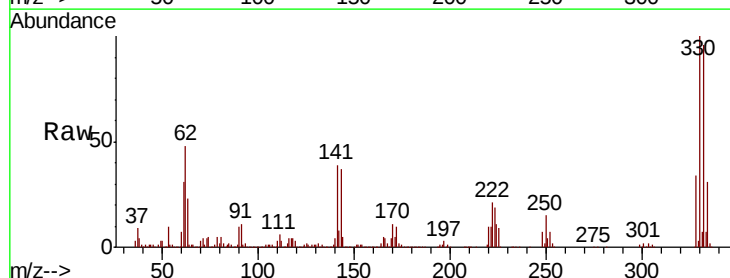
Tgt Ion:330 Resp: 1173482

Ion Ratio Lower Upper

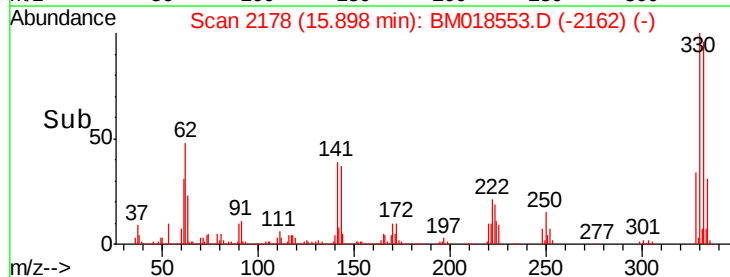
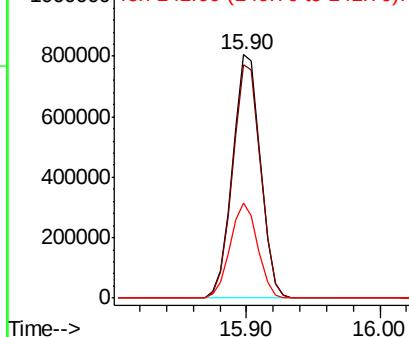
330 100

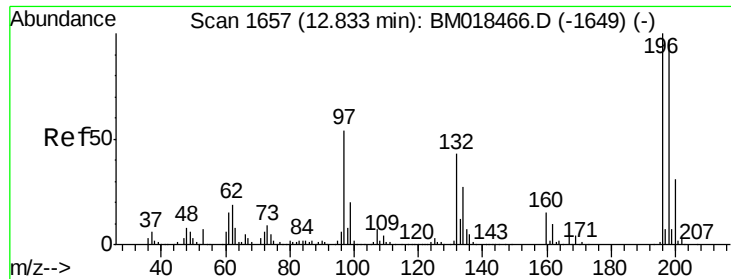
332 96.2 77.6 116.4

141 38.6 31.7 47.5



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





#43

2,4,6-Trichlorophenol

Concen: 43.991 ng

RT: 12.83 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

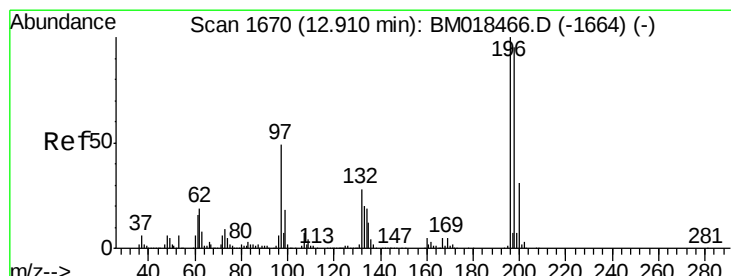
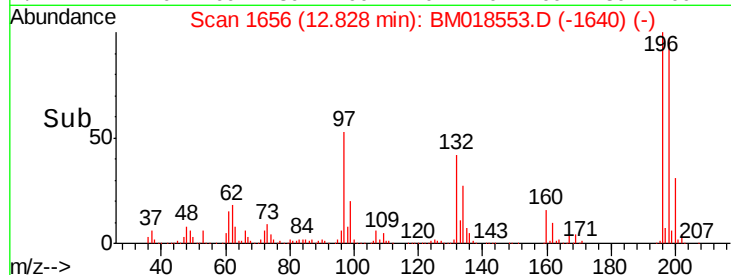
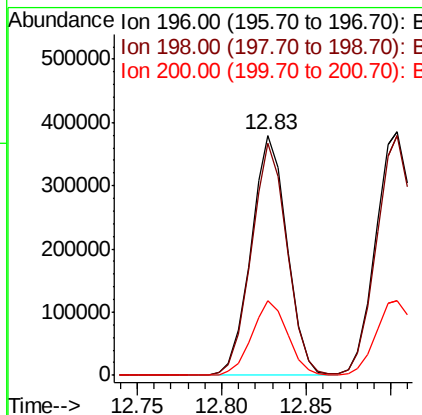
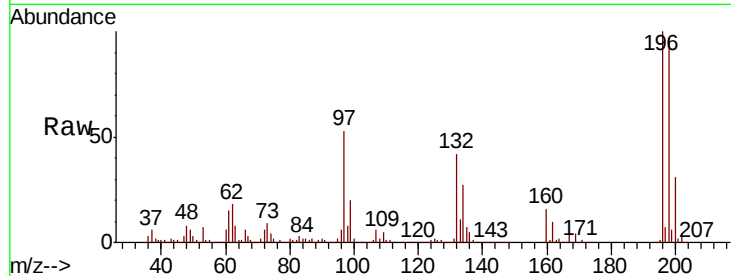
ClientSampled :

PB116347BS

Tot Ion:	196	Resp:	558997
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.6	115.0
200	31.4	24.2	36.4

Manual Integrations
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#44

2,4,5-Trichlorophenol

Concen: 45.373 ng

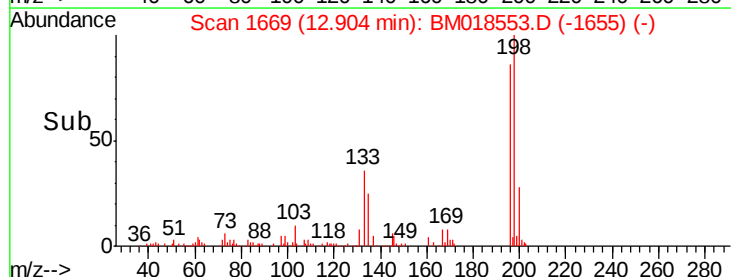
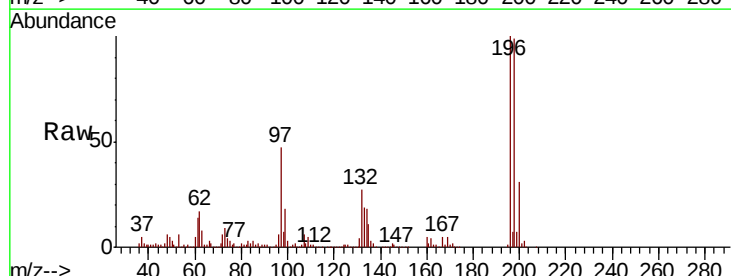
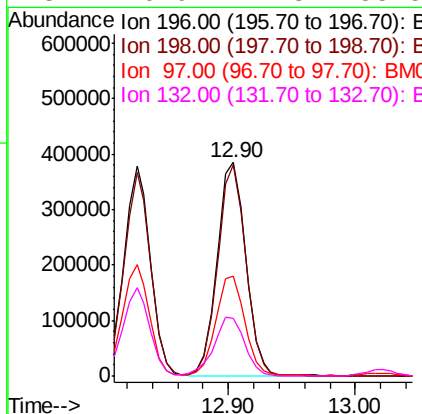
RT: 12.90 min Scan# 1669

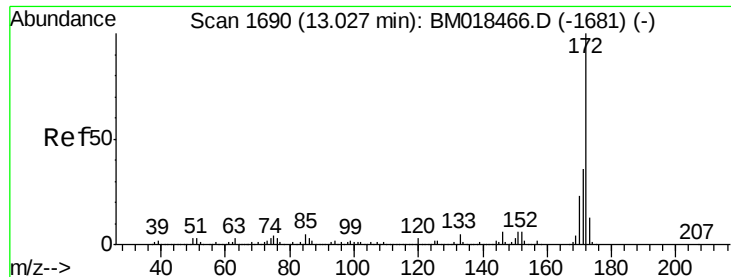
Delta R.T. -0.02 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:	196	Resp:	606371
Ion Ratio	Lower	Upper	
196	100		
198	98.6	76.7	115.1
97	46.9	39.2	58.8
132	26.9	22.3	33.5





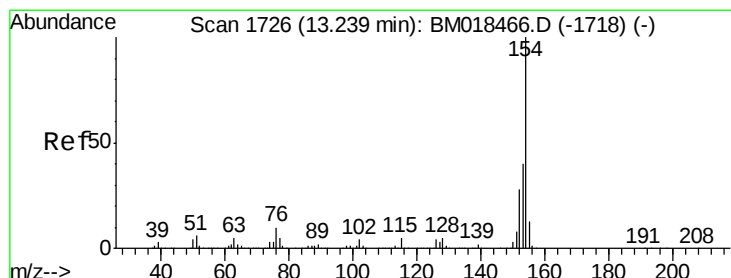
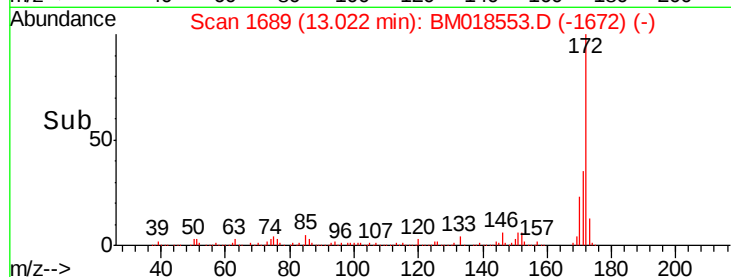
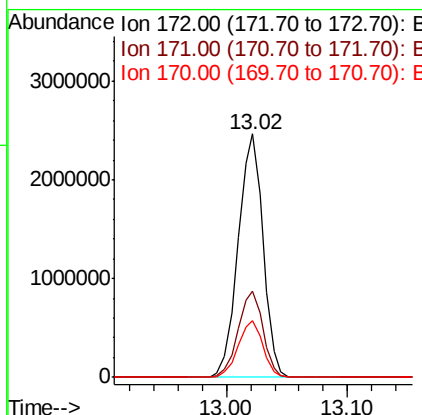
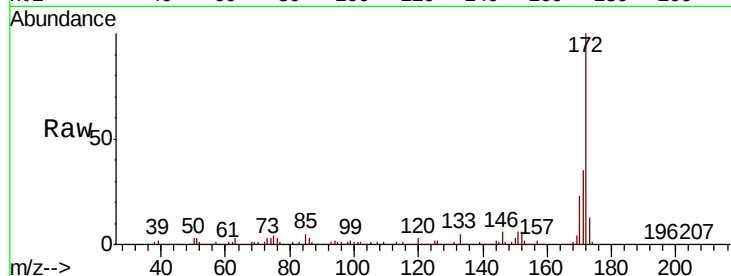
#45
2-Fluorobiphenyl
Concen: 77.114 ng
RT: 13.02 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

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

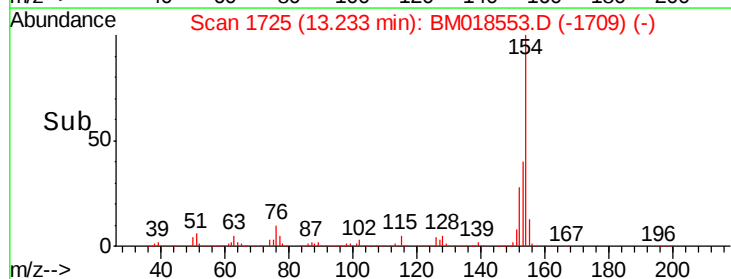
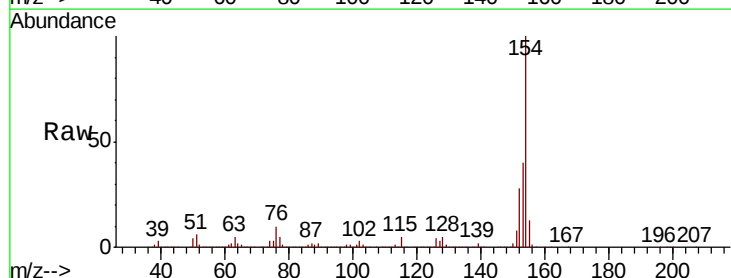
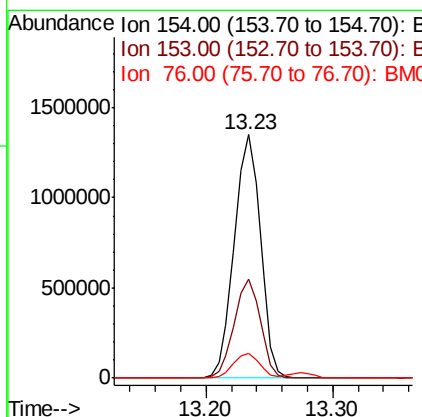
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#46
1,1'-Biphenyl
Concen: 36.849 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	9.9	0.0	31.9





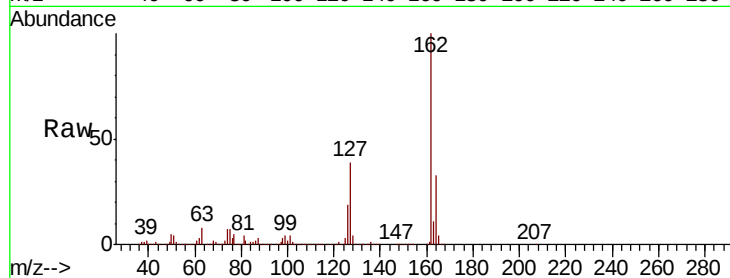
#47
2-Chloronaphthalene
Concen: 36.945 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampled :
PB116347BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.4	47.0
164	32.7	26.2	39.4

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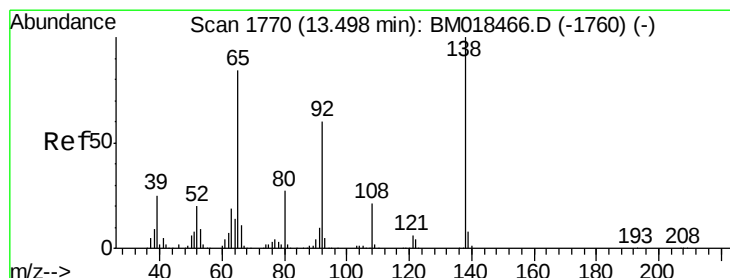
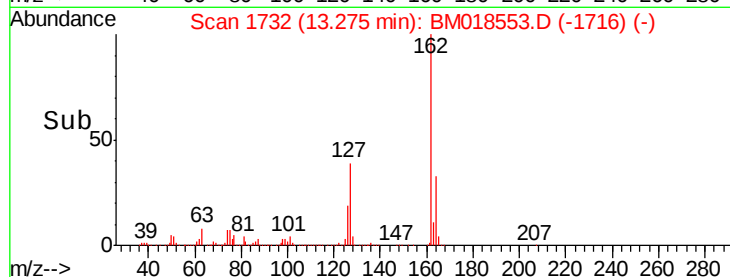
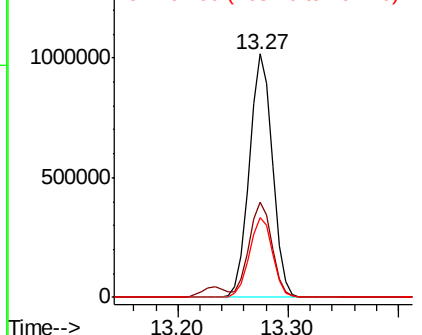


Abundance

Ion 162.00 (161.70 to 162.70): E

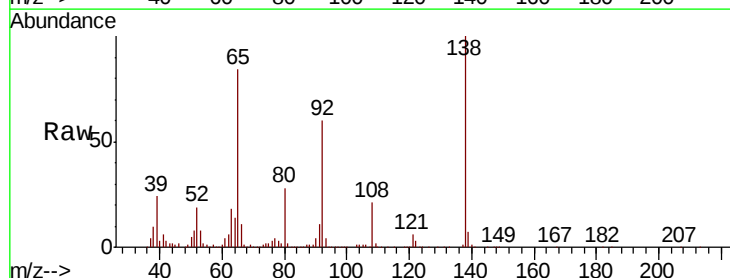
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.922 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.4	80.2
138	119.4	88.9	133.3

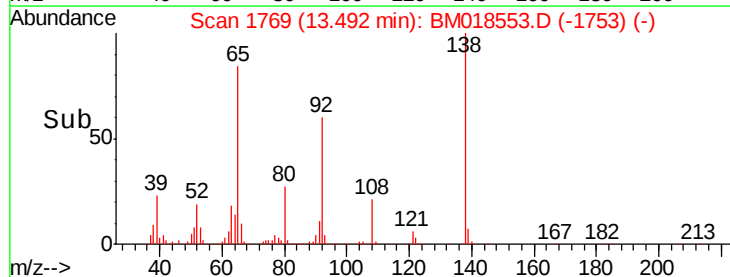
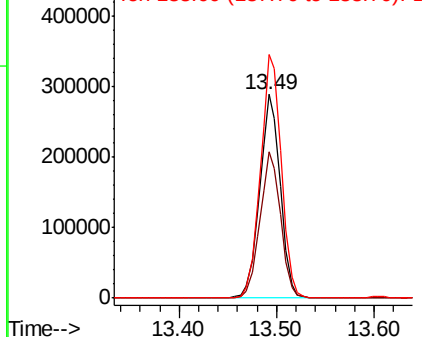


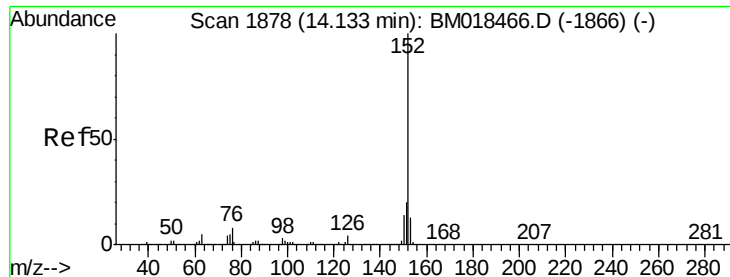
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.762 ng

RT: 14.13 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

ClientSampleId :

PB116347BS

Tot Ion:152 Resp: 2465867

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

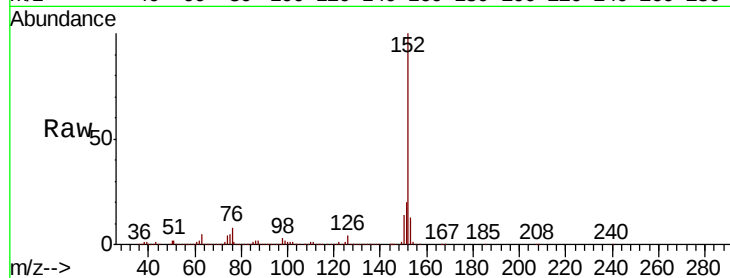
153 13.2 10.5 15.7

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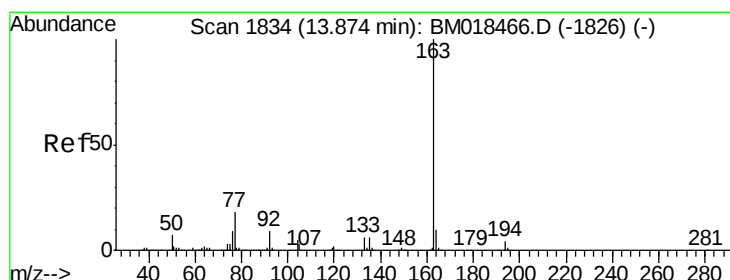
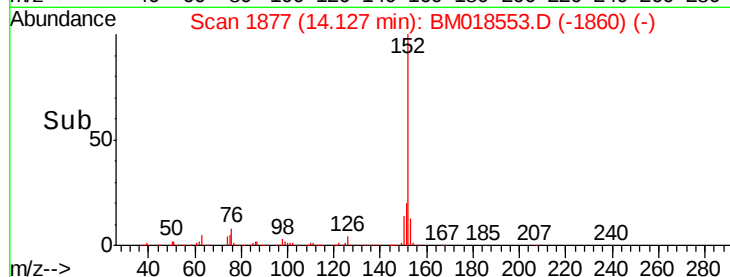
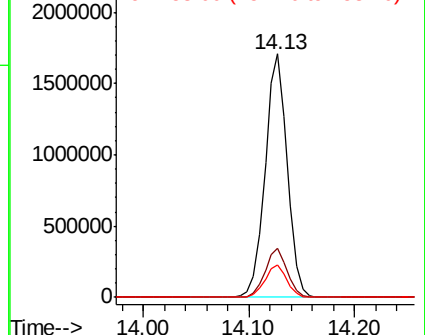


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.029 ng

RT: 13.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

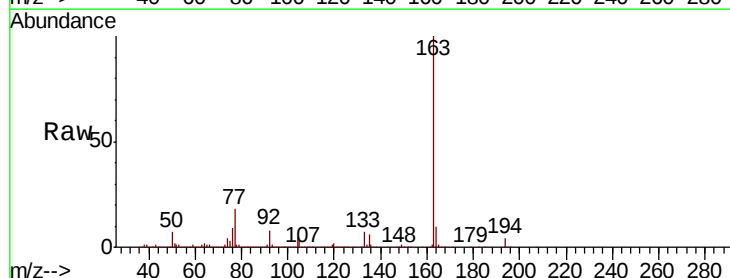
Tgt Ion:163 Resp: 1967168

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.2 7.8 11.8

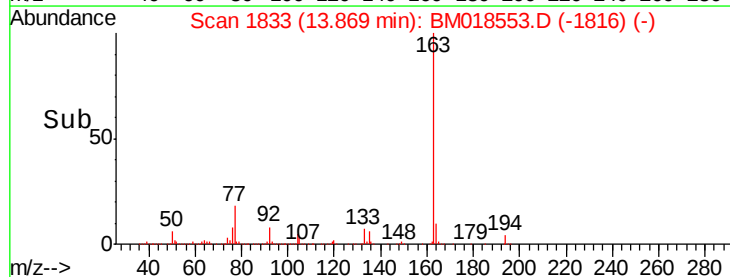
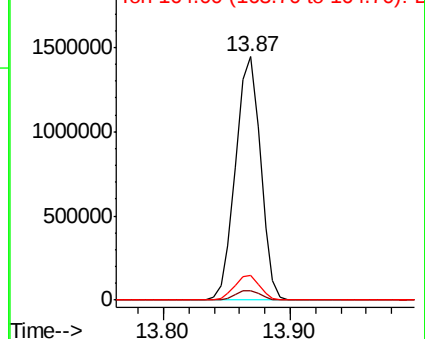


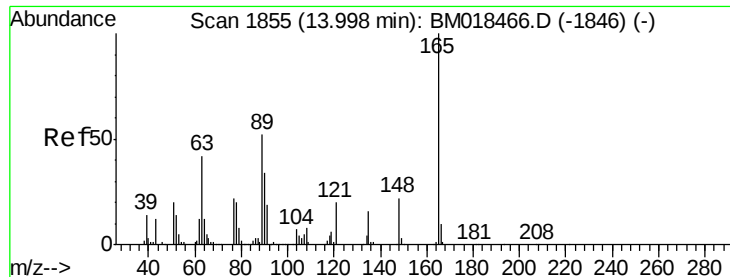
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





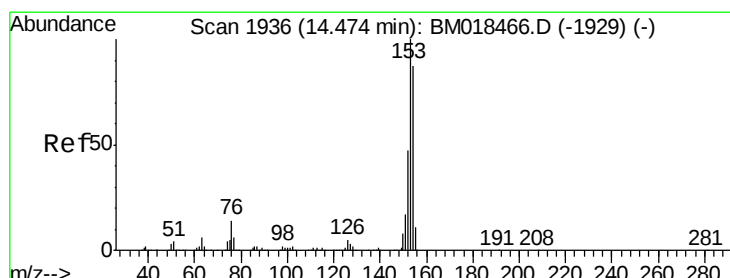
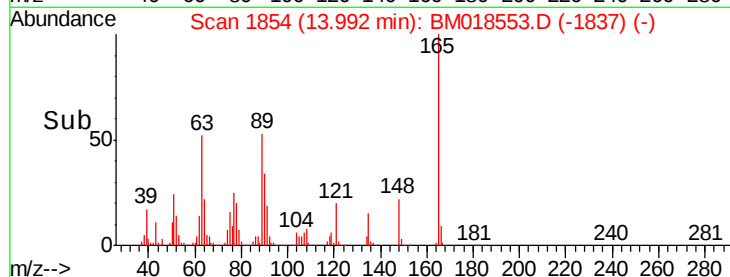
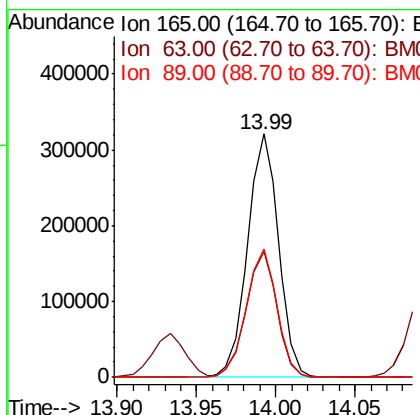
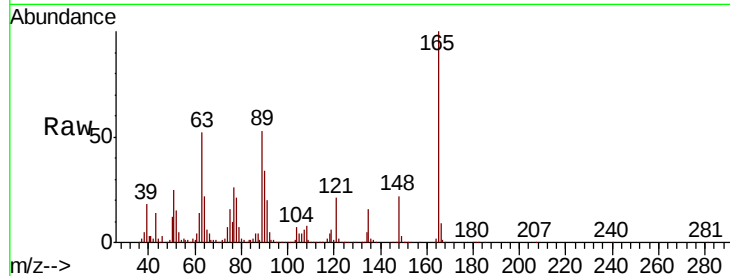
#51
2,6-Dinitrotoluene
Concen: 41.984 ng
RT: 13.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.8	45.6	68.4
89	53.0	44.6	66.8

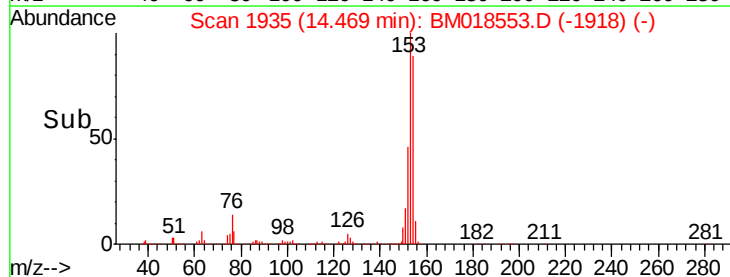
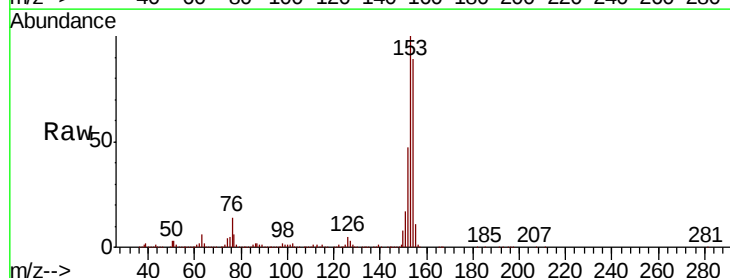
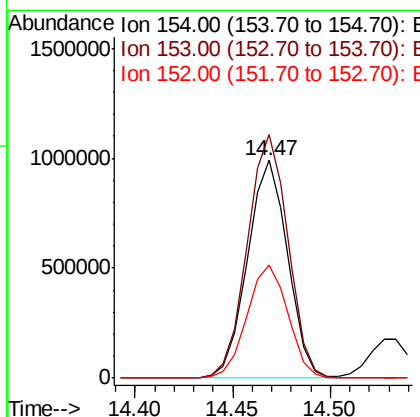
Manual Integrations
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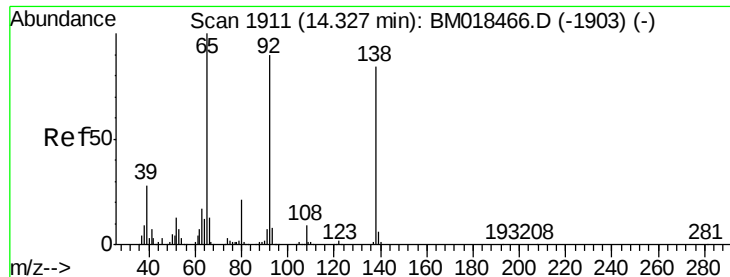
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#52
Acenaphthene
Concen: 39.052 ng
RT: 14.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	92.3	138.5
152	52.1	43.8	65.6





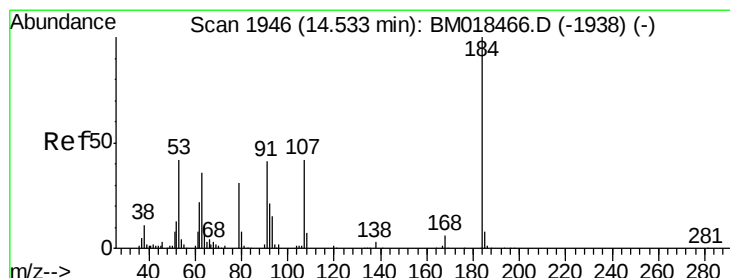
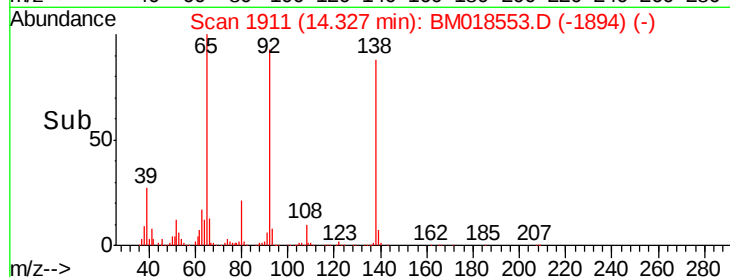
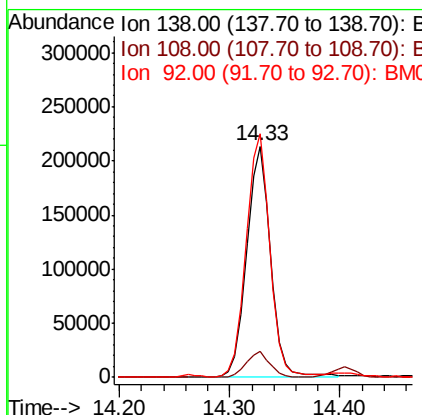
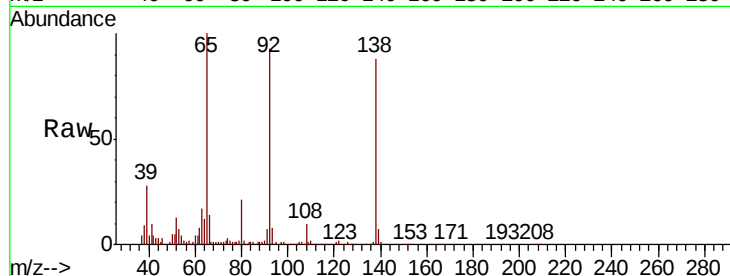
#53
3-Nitroaniline
Concen: 31.029 ng
RT: 14.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.1	13.7
92	105.4	88.2	132.2

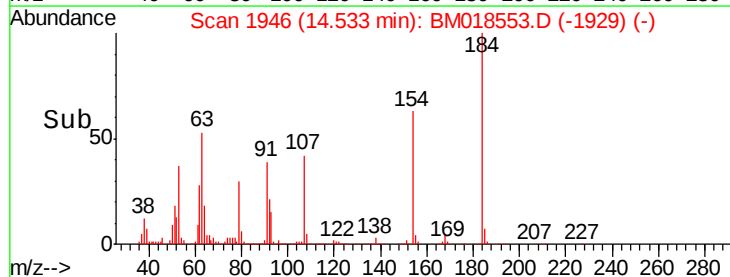
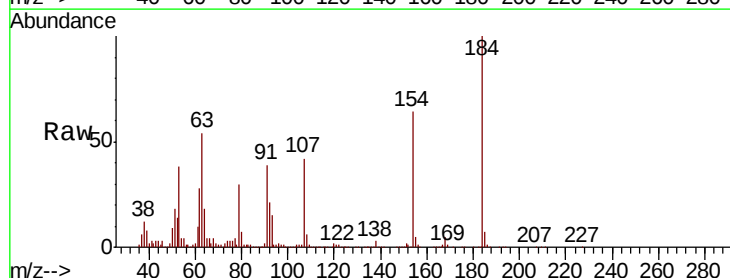
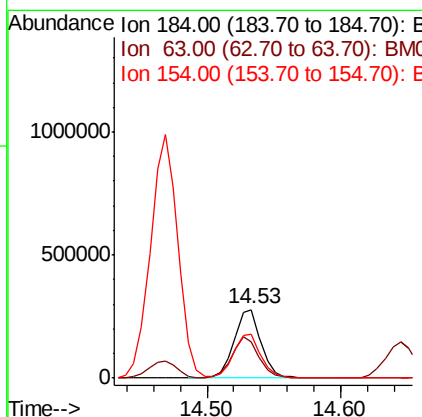
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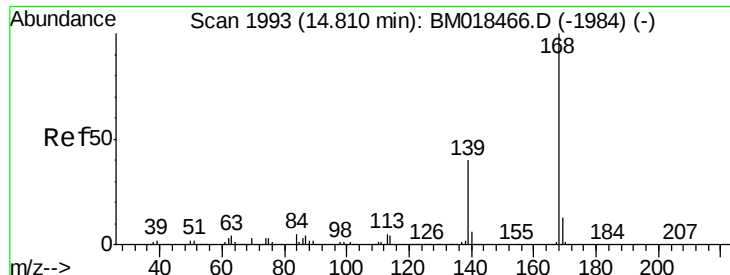
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#54
2,4-Dinitrophenol
Concen: 70.747 ng
RT: 14.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.6	55.9	83.9#
154	63.9	54.2	81.4





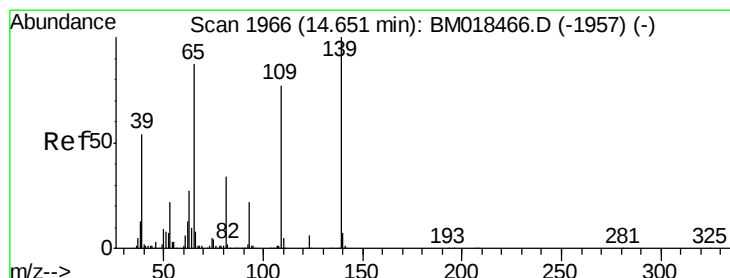
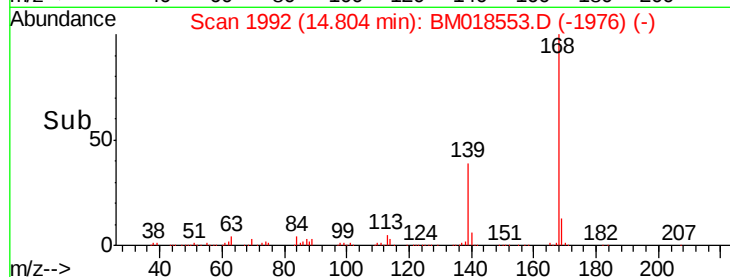
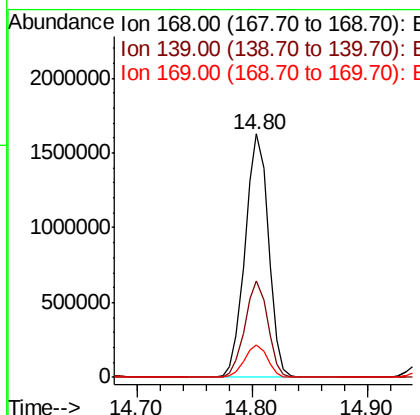
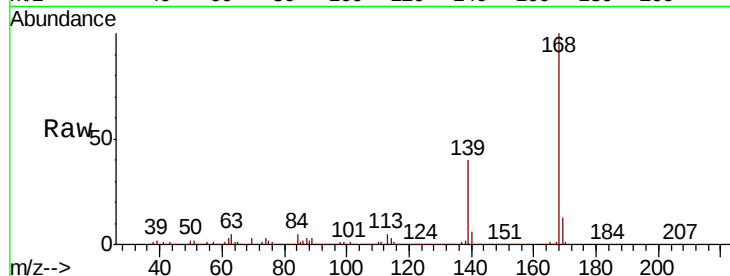
#55
Dibenzenofuran
Concen: 38.341 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.3	45.5
169	13.1	10.6	16.0

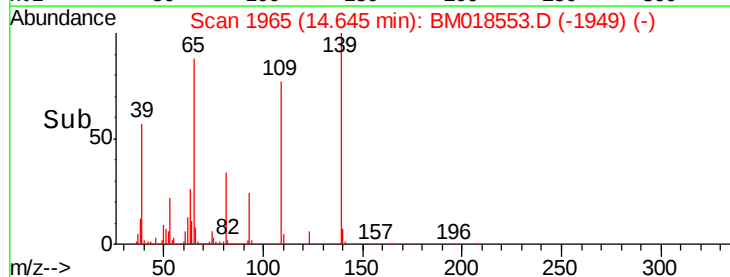
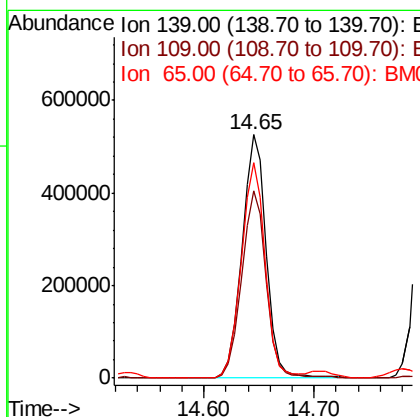
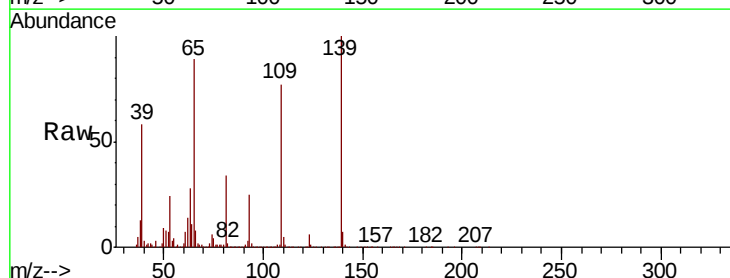
Manual Integrations
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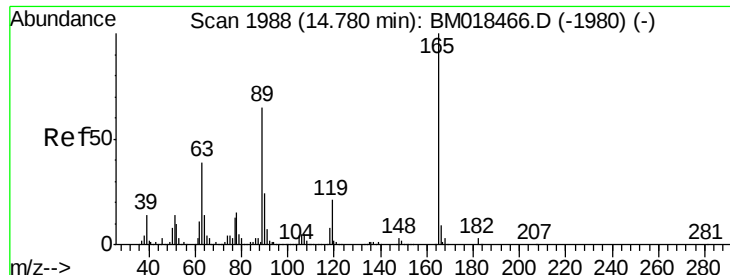
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#56
4-Nitrophenol
Concen: 89.206 ng
RT: 14.65 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.7	51.7	91.7
65	88.7	71.4	111.4





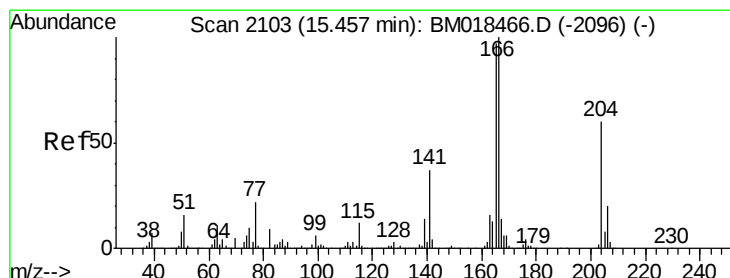
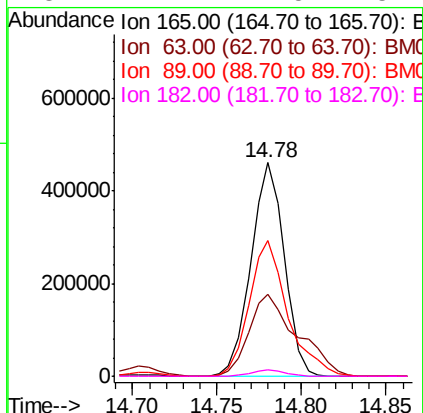
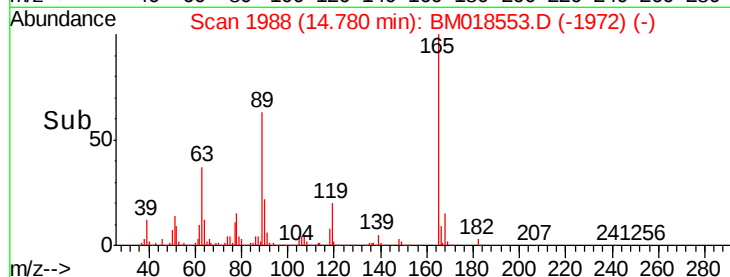
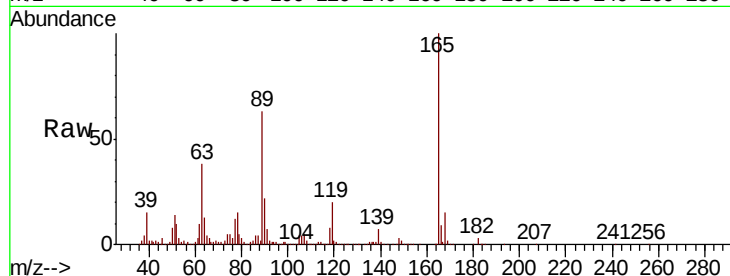
#57
2,4-Dinitrotoluene
Concen: 42.686 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		628713		
63	38.3		32.2	48.2	
89	63.5		52.1	78.1	
182	2.7		2.5	3.7	

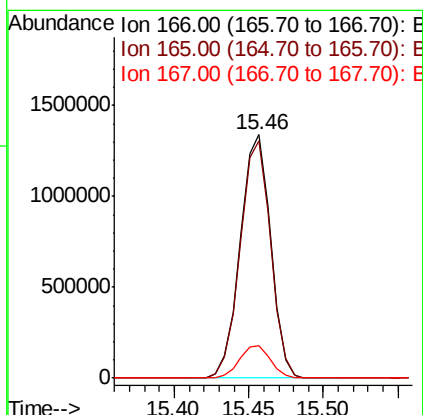
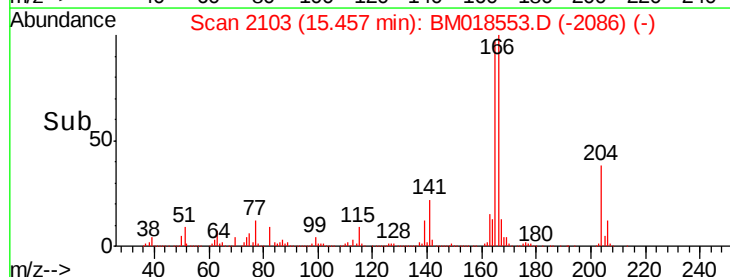
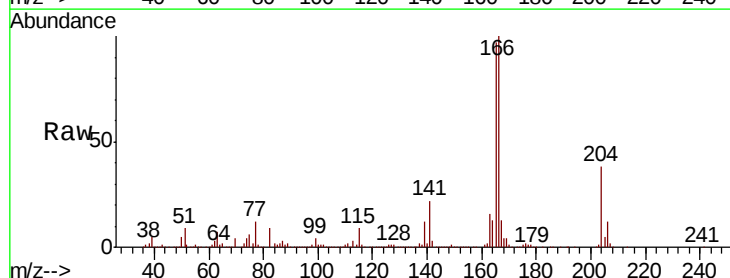
Manual Integrations
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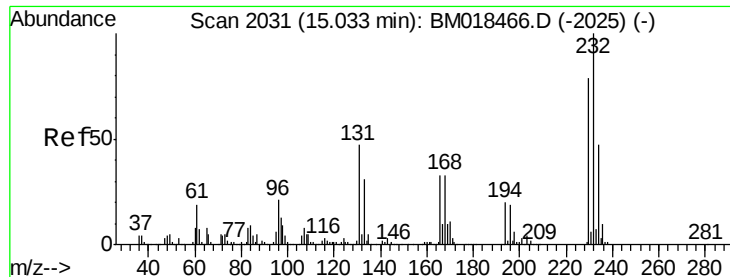
Sohil
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#58
Fluorene
Concen: 42.501 ng
RT: 15.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1889884		
165	97.5		78.3	117.5	
167	13.3		10.9	16.3	





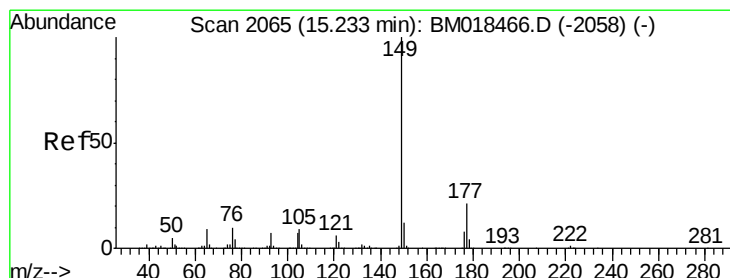
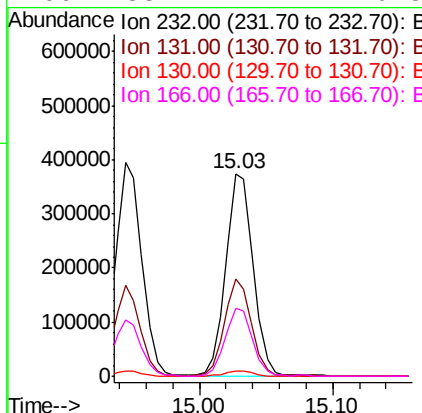
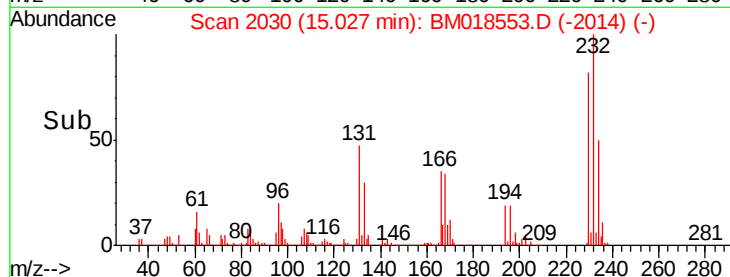
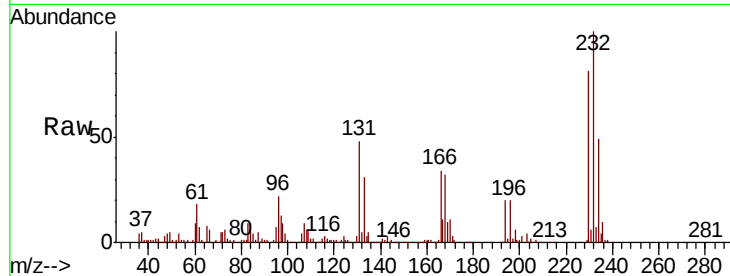
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.294 ng
 RT: 15.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Instrument :
 BNA_M
 ClientSampleId :
 PB116347BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.8	38.6	57.8
130	2.8	2.2	3.4
166	33.4	27.2	40.8

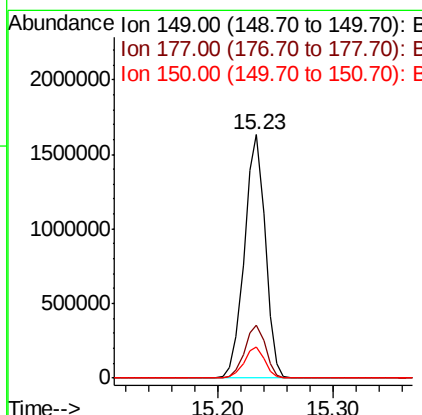
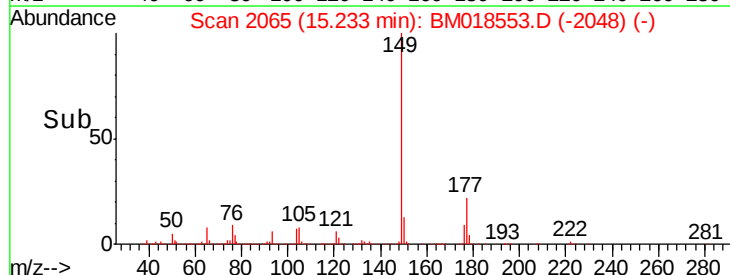
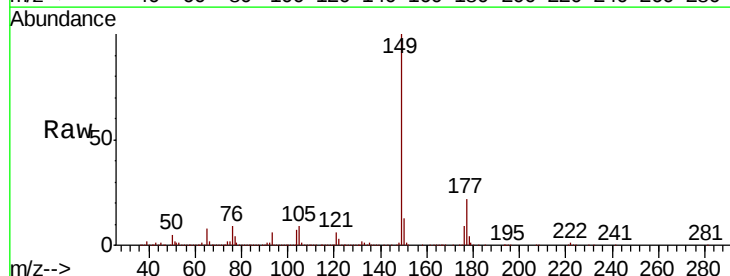
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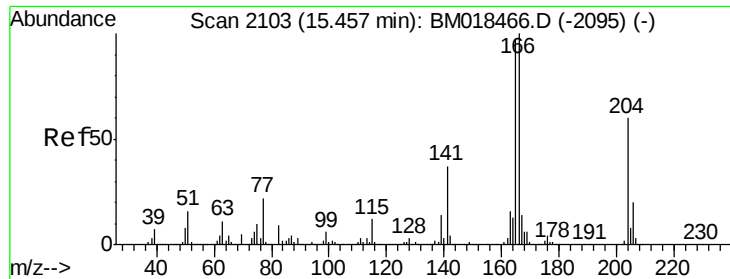
Sohil
 1/15/2019 12:20:06 PM



#60
 Diethylphthalate
 Concen: 41.034 ng
 RT: 15.23 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.6	9.8	14.6





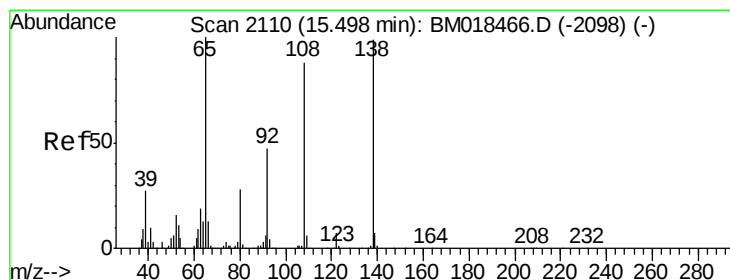
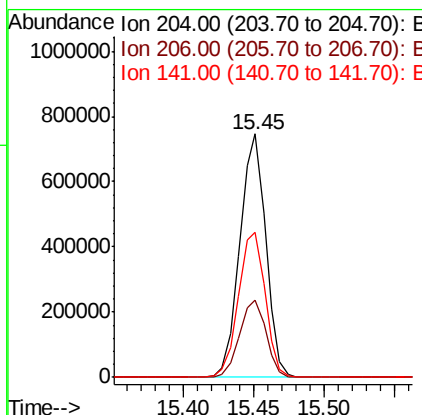
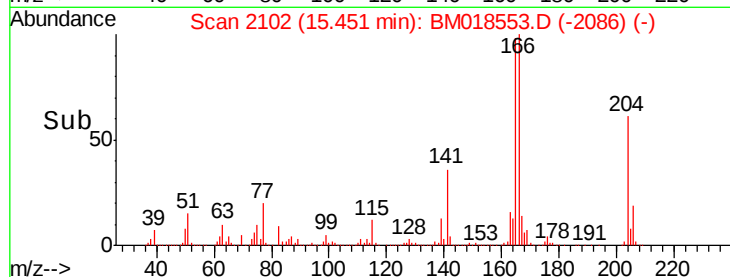
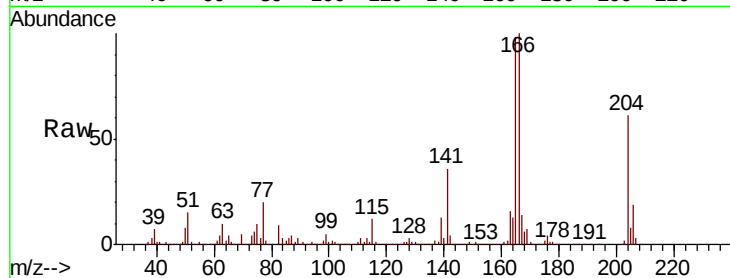
#61
4-Chlorophenyl-phenylether
Concen: 37.395 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampled :
PB116347BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.8	38.6
141	59.6	49.5	74.3

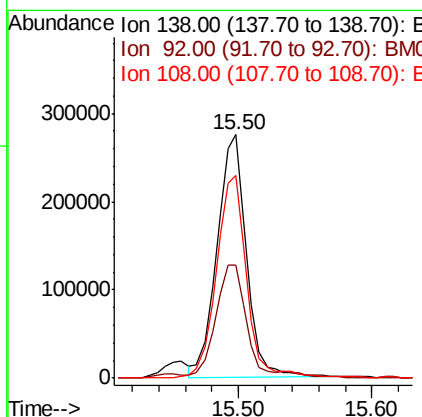
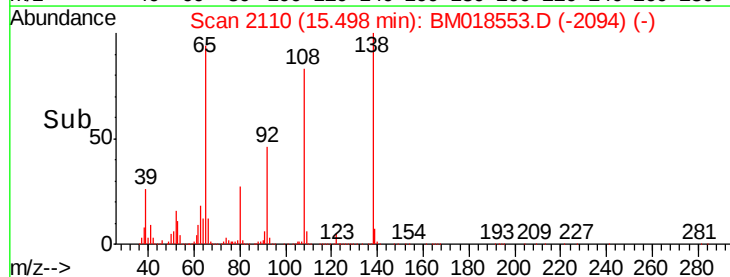
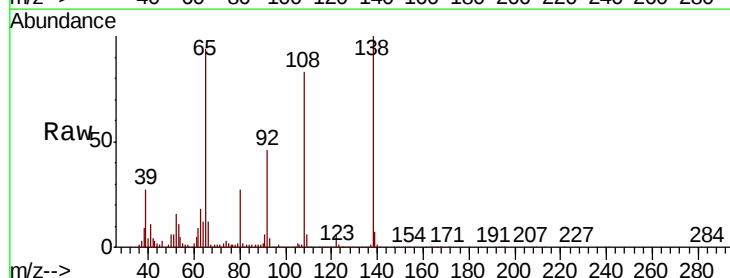
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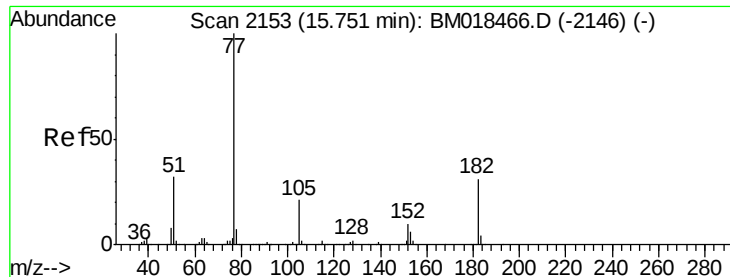
Sohil
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#62
4-Nitroaniline
Concen: 36.966 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	29.0	69.0
108	83.4	63.9	103.9





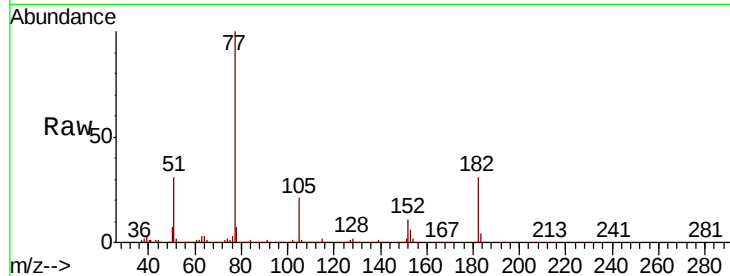
#63
Azobenzene
Concen: 39.433 ng
RT: 15.74 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.6	7.4	47.4
105	21.2	0.0	39.6
51	31.1	12.0	52.0

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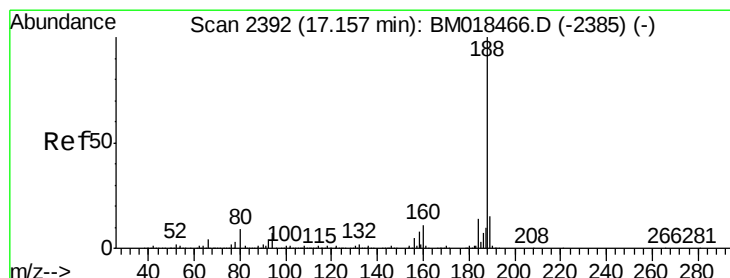
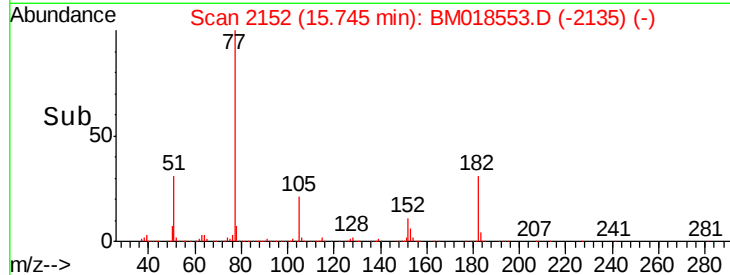
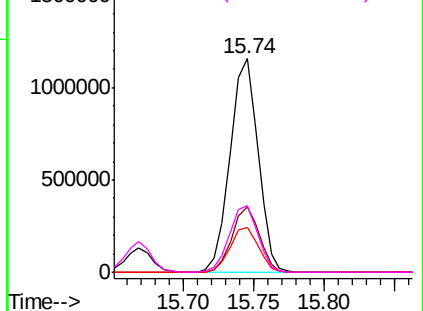
Abundance

Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

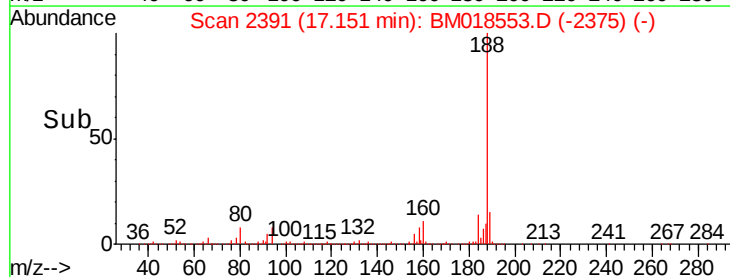
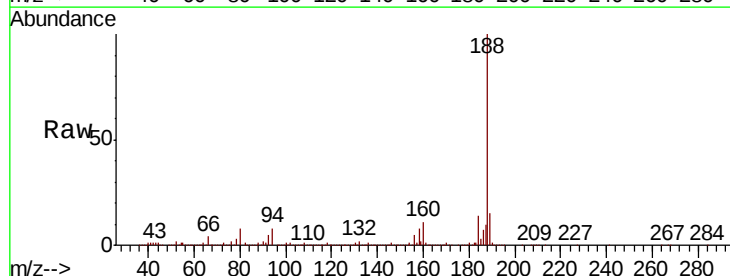
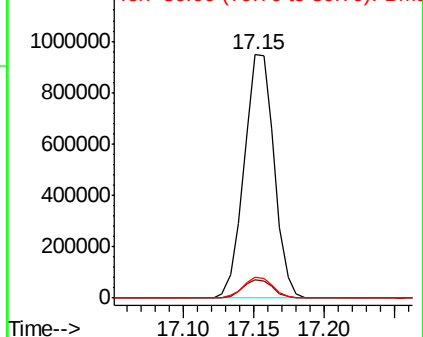
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.4	7.6	11.4

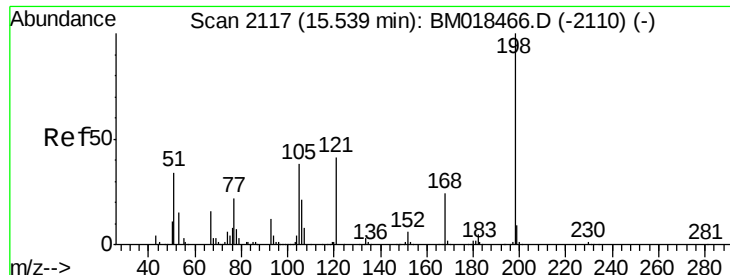
Abundance

Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)

Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)

Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)





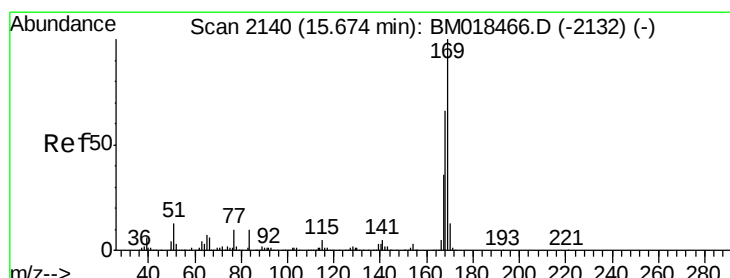
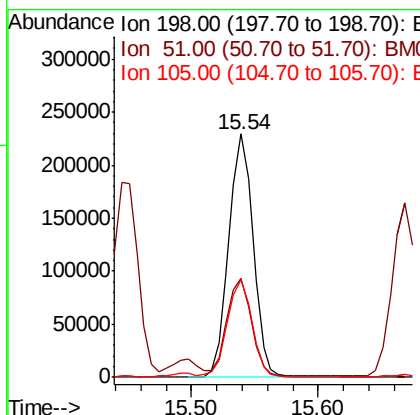
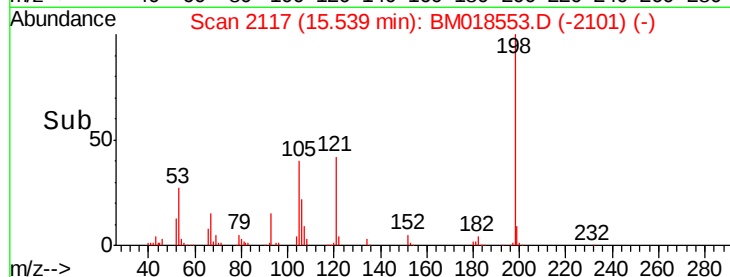
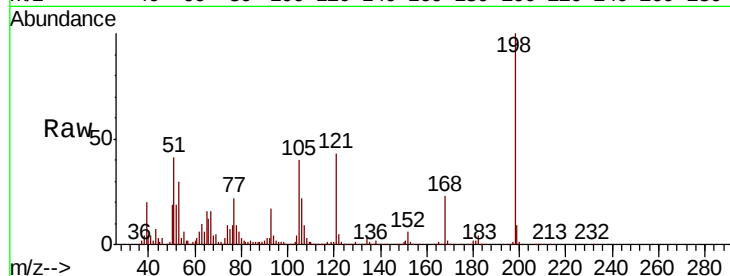
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.788 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Instrument :
 BNA_M
 ClientSampleId :
 PB116347BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	306525		
51	40.8		29.6	69.6
105	40.3		25.5	65.5

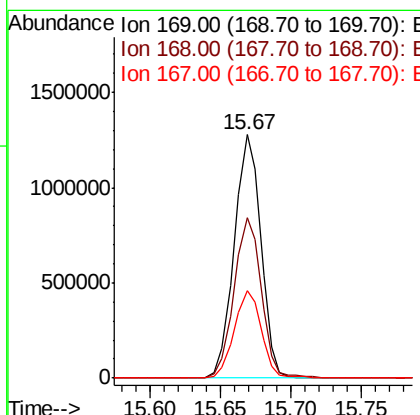
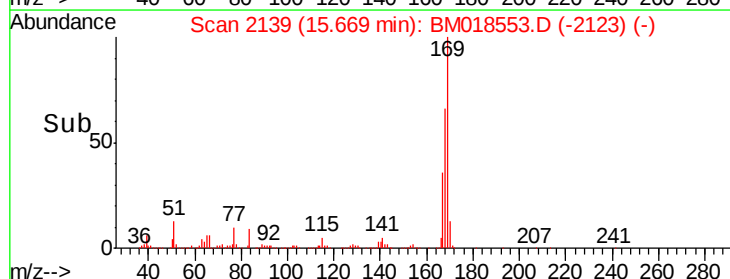
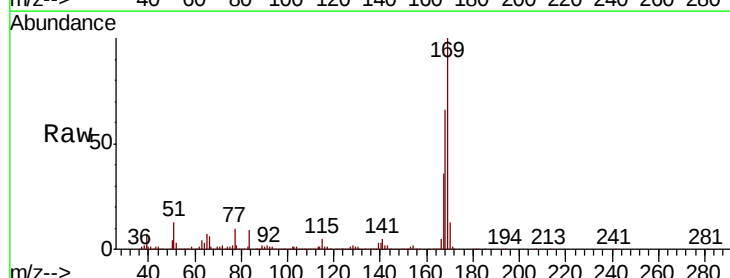
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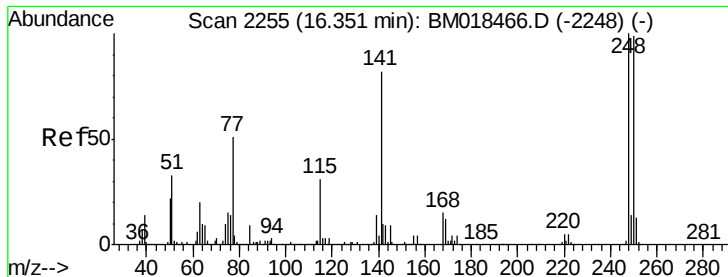
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#66
 n-Nitrosodiphenylamine
 Concen: 38.639 ng
 RT: 15.67 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1683283		
168	66.0		54.1	81.1
167	36.1		28.6	42.8





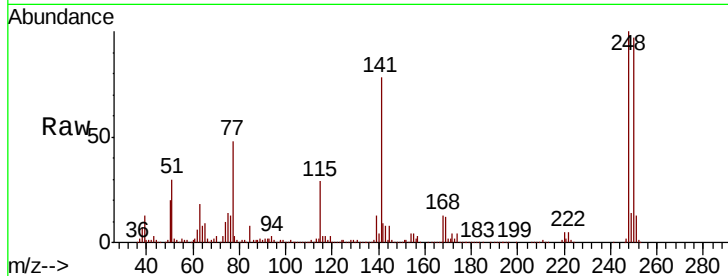
#67
4-Bromophenyl-phenylether
Concen: 37.968 ng
RT: 16.34 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.0	114.0
141	78.0	61.5	92.3

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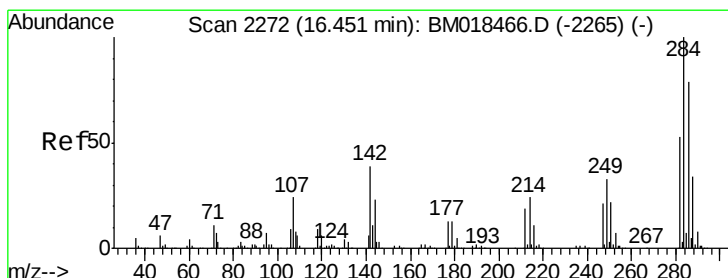
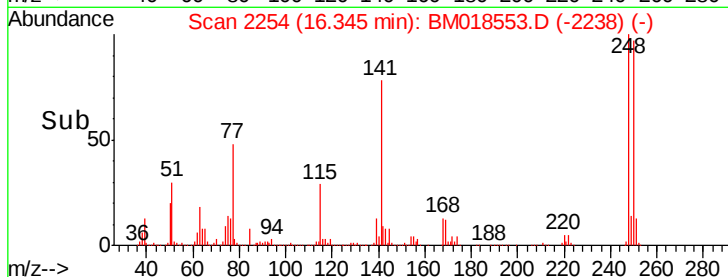
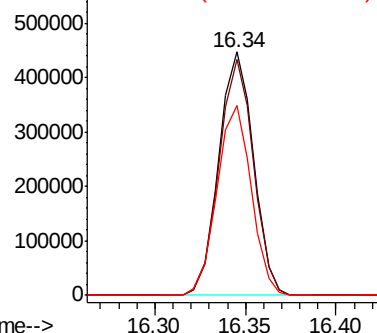


Abundance

Ion 248.00 (247.70 to 248.70): E

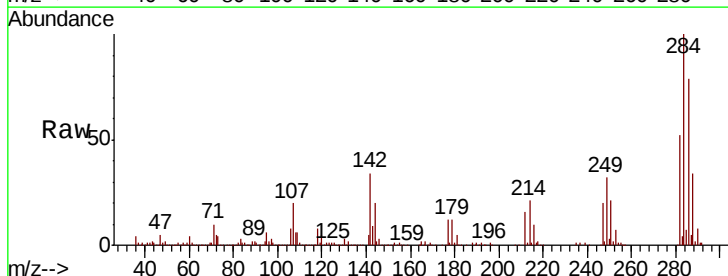
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.920 ng
RT: 16.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	29.2	43.8
249	32.5	26.1	39.1

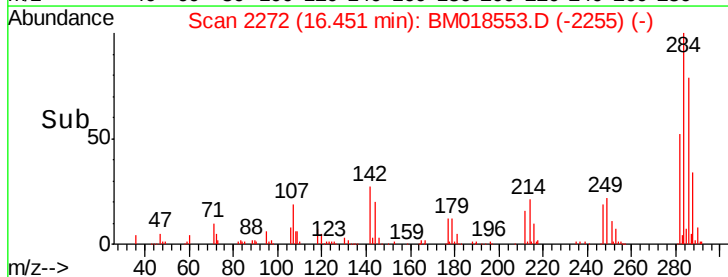
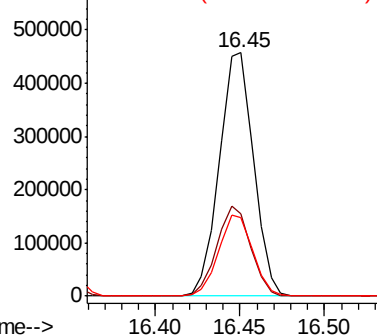


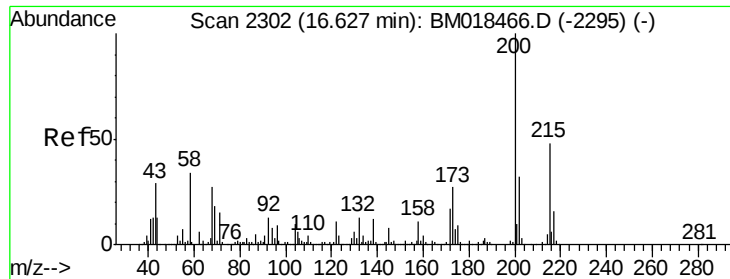
Abundance

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





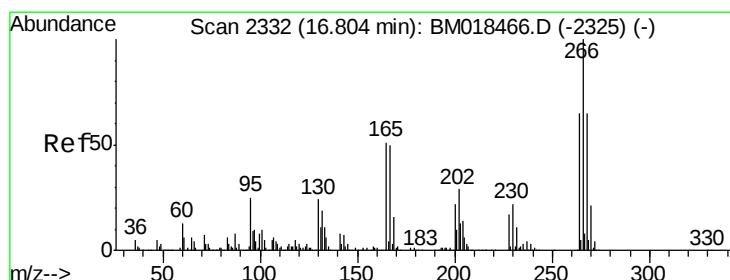
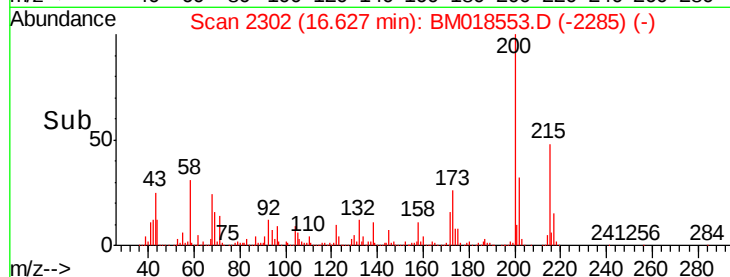
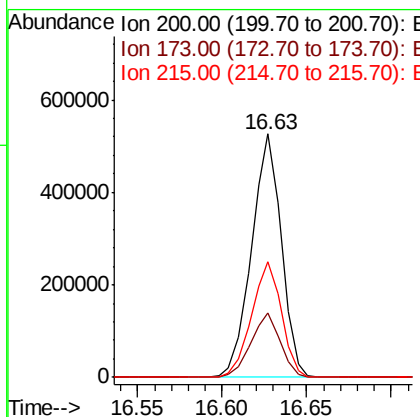
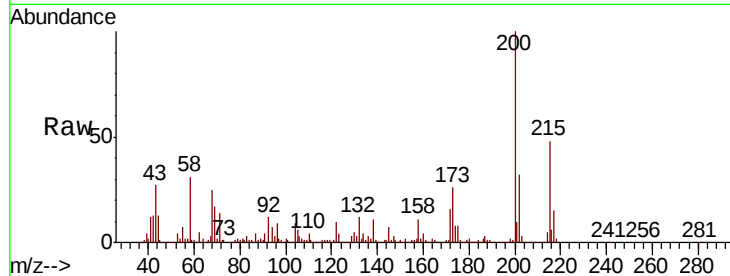
#69
 Atrazine
 Concen: 41.099 ng
 RT: 16.63 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Instrument :
 BNA_M
 ClientSampled :
 PB116347BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.2	47.2
215	47.5	28.3	68.3

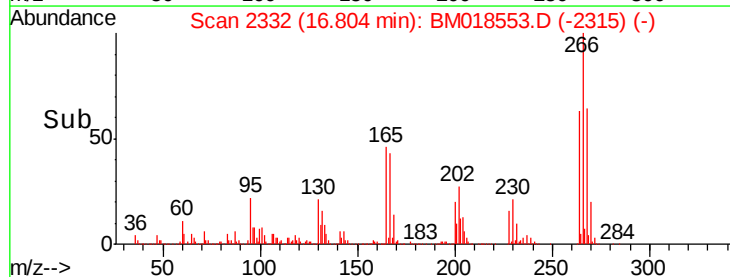
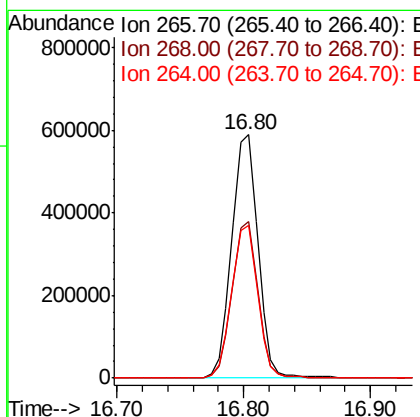
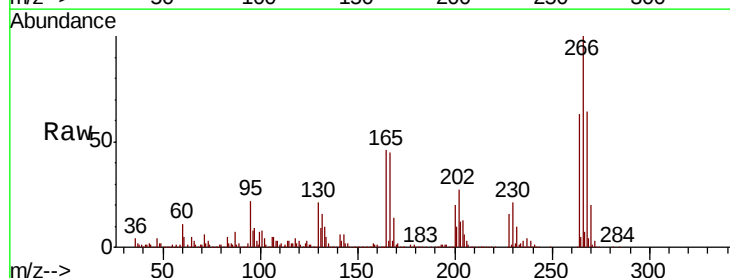
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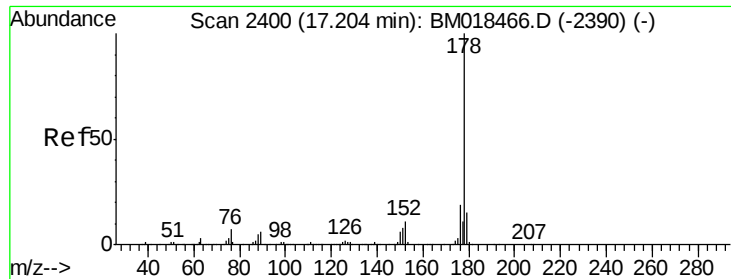
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#70
 Pentachlorophenol
 Concen: 73.251 ng
 RT: 16.80 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.8	74.6
264	62.7	50.1	75.1





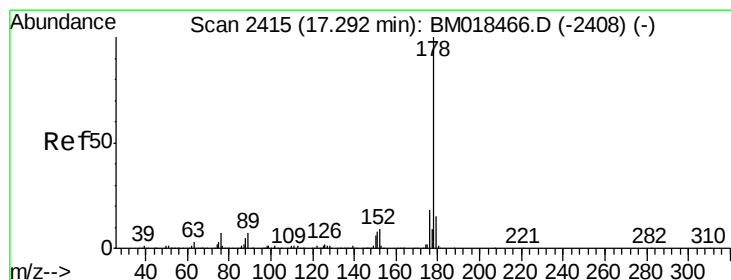
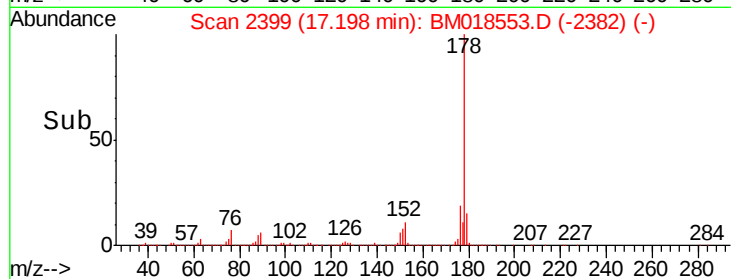
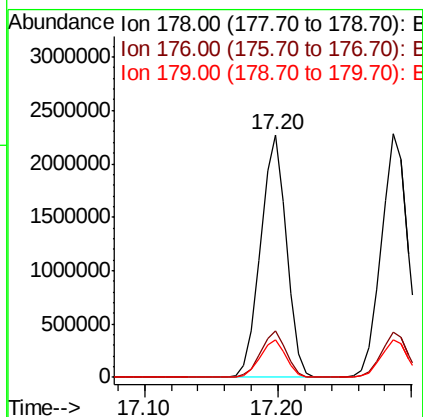
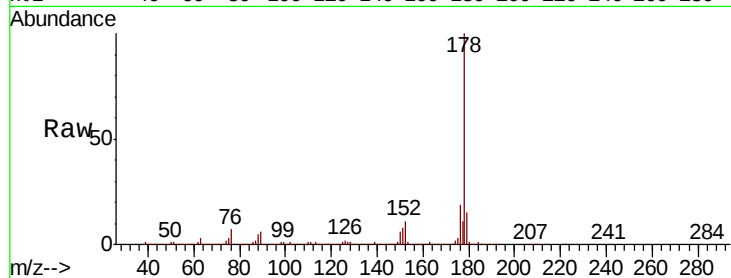
#71
Phenanthrene
Concen: 40.526 ng
RT: 17.20 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion:178 Resp: 3027335
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.4 12.2 18.4

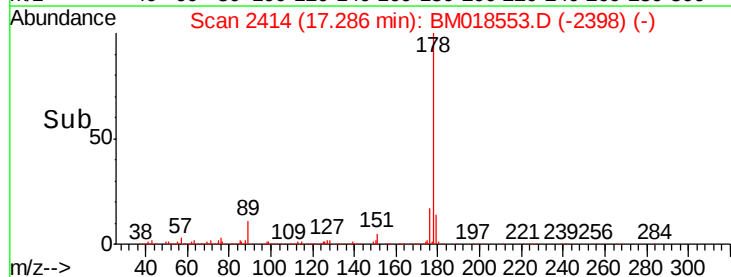
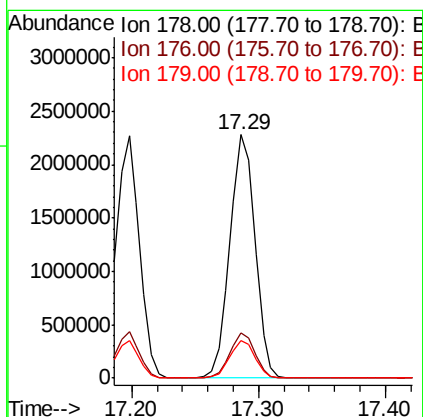
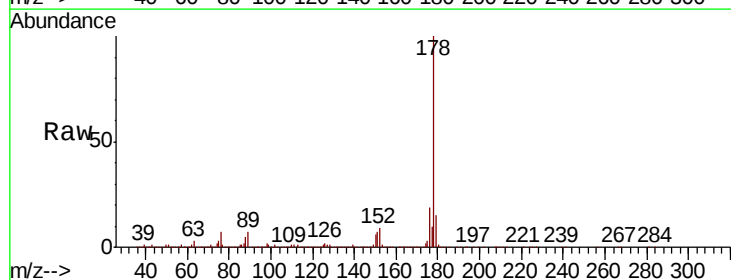
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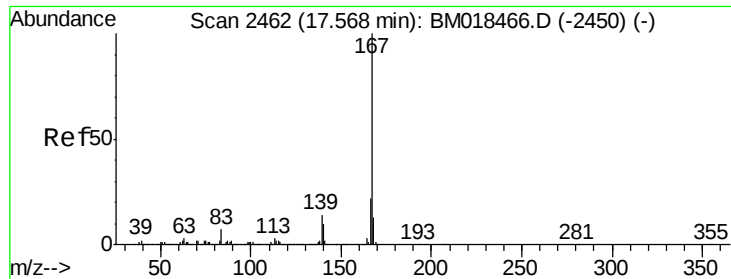
Sohil
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#72
Anthracene
Concen: 43.327 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion:178 Resp: 3112300
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.3 12.2 18.4





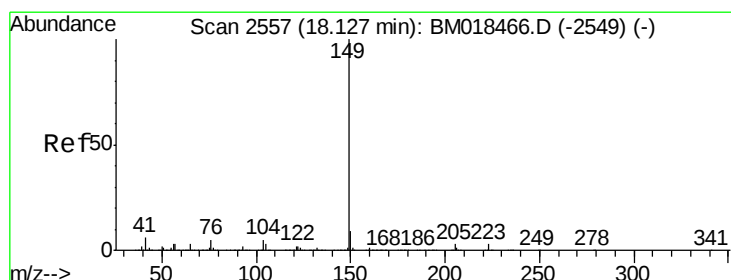
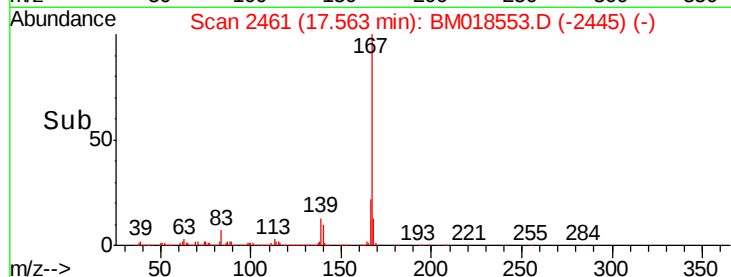
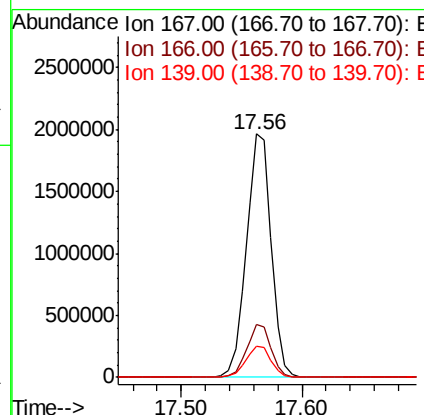
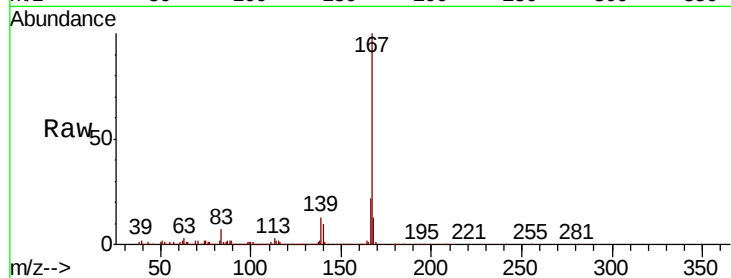
#73
 Carbazole
 Concen: 38.028 ng
 RT: 17.56 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Instrument :
 BNA_M
 ClientSampled :
 PB116347BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	13.0	10.6	16.0

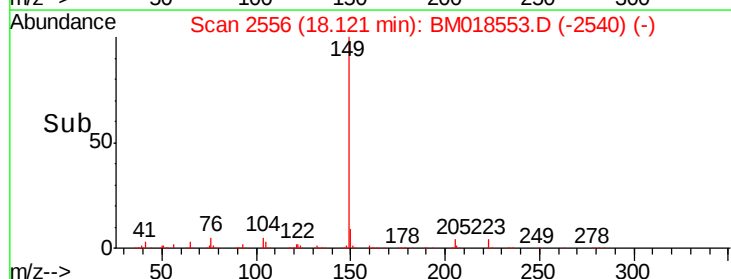
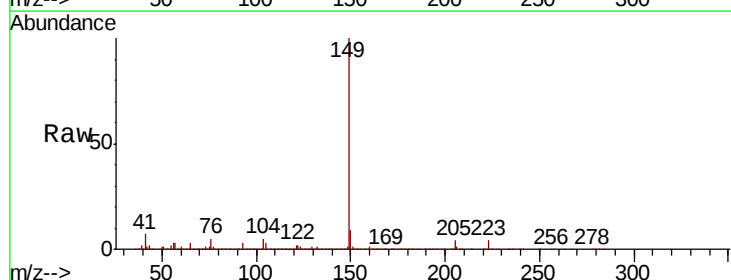
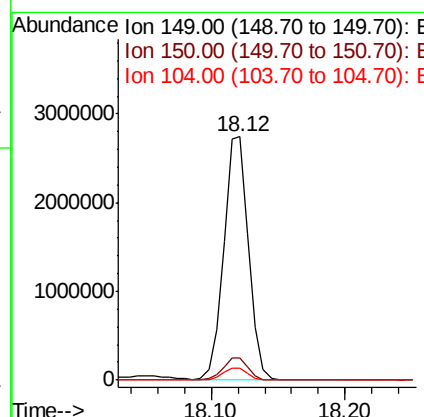
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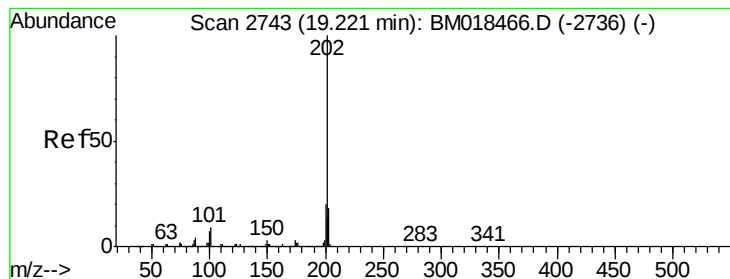
Sohil
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#74
 Di-n-butylphthalate
 Concen: 44.106 ng
 RT: 18.12 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 42.121 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

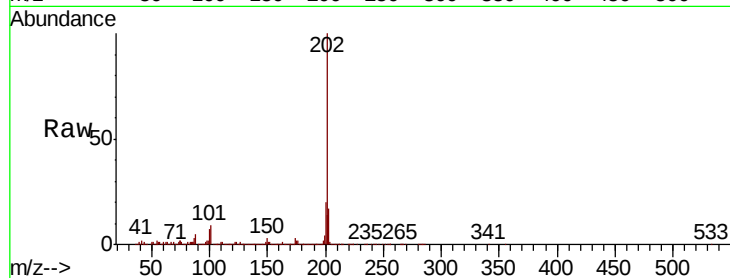
ClientSampleId :

PB116347BS

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
101	9.1	0.0	30.9	
203	17.4	0.0	37.4	

Manual Integrations
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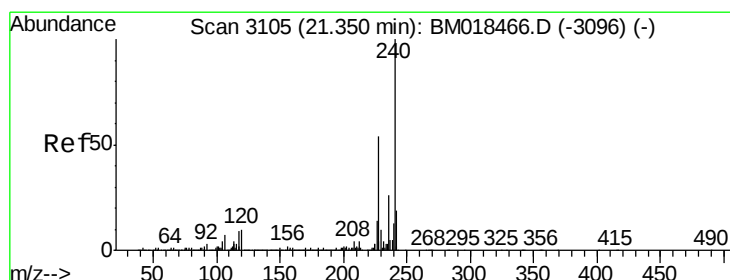
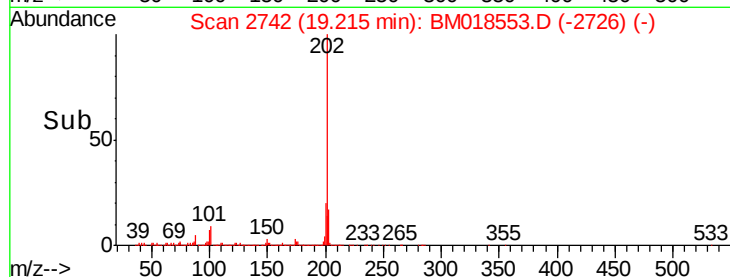
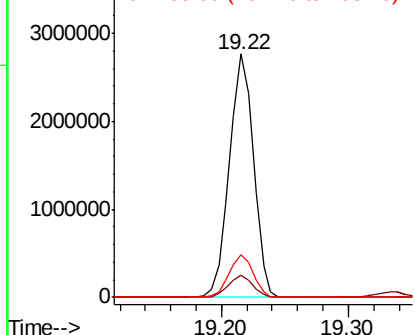


Abundance

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: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

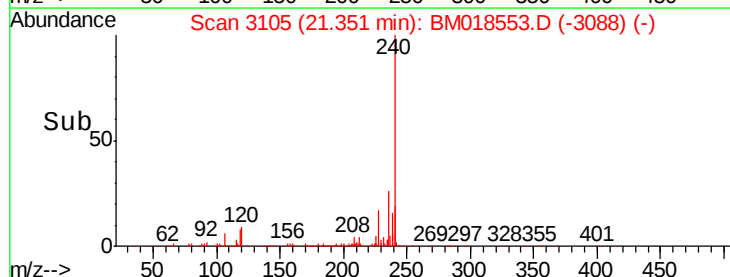
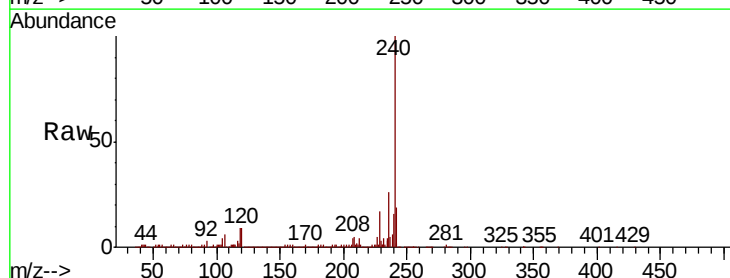
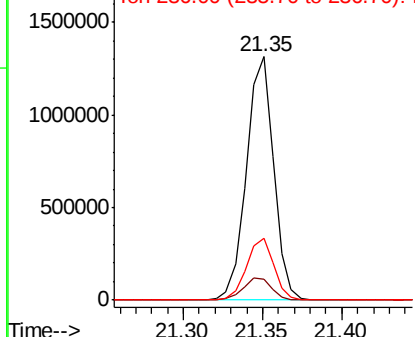
Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	8.7	8.4	12.6	
236	25.7	20.7	31.1	

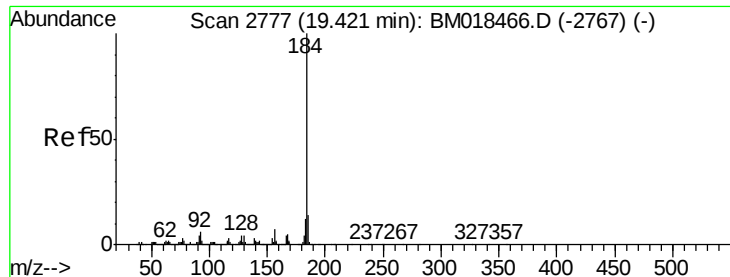
Abundance

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: 19.114 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

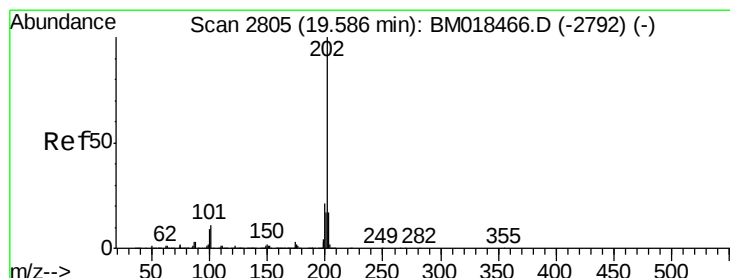
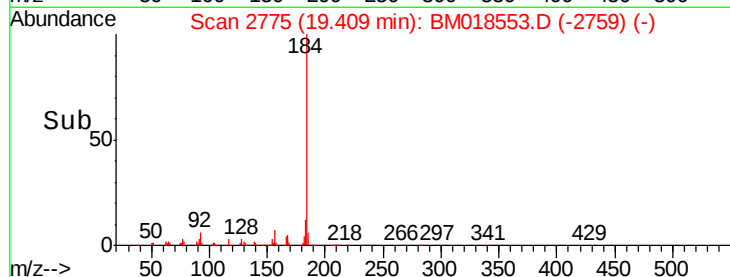
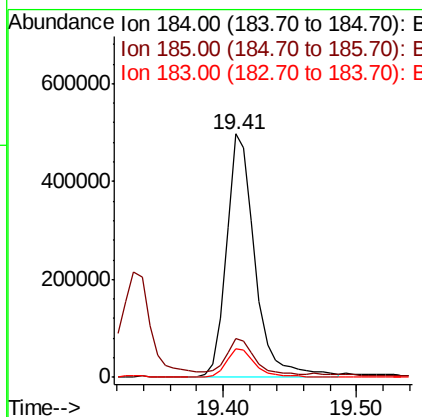
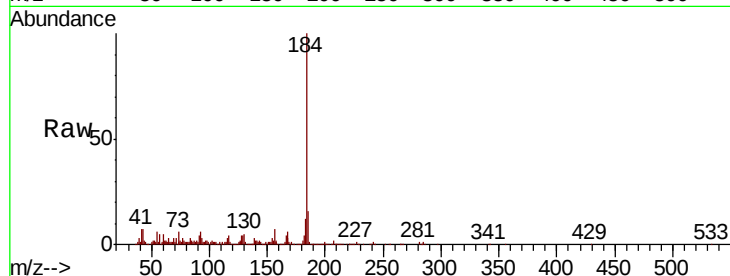
ClientSampleId :

PB116347BS

Tot Ion:	184	Resp:	739437
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.4	17.0
183	11.9	9.5	14.3

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#78

Pyrene

Concen: 39.623 ng

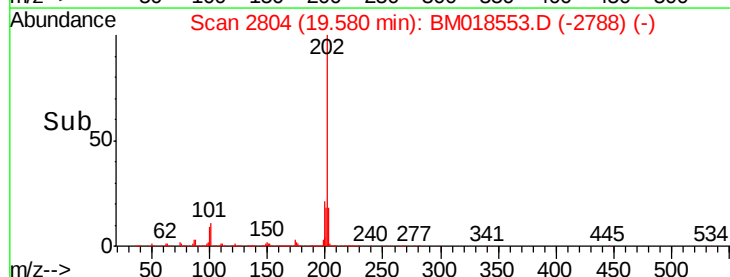
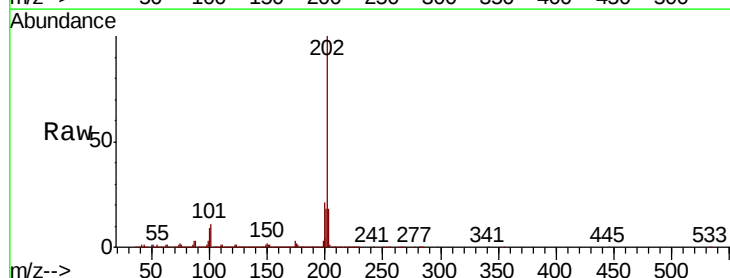
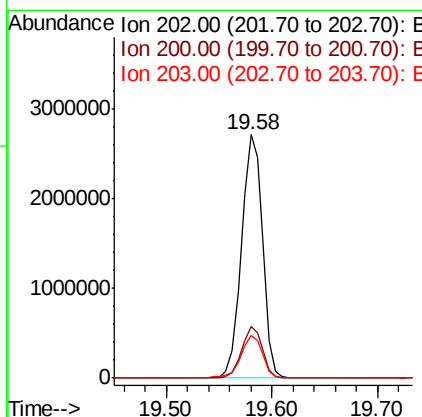
RT: 19.58 min Scan# 2804

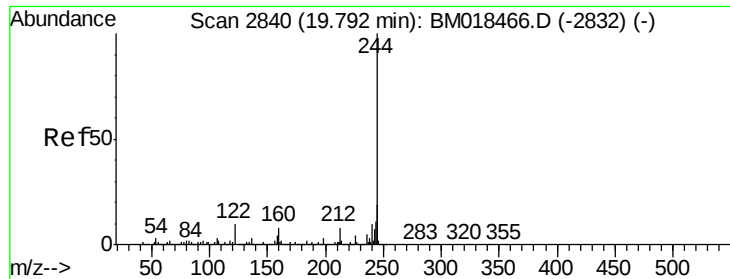
Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:	202	Resp:	3679719
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	24.8
203	17.6	13.8	20.8





#79

Terphenyl-d14

Concen: 81.070 ng

RT: 19.79 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

ClientSampleId :

PB116347BS

Tot Ion:244 Resp: 6025307

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

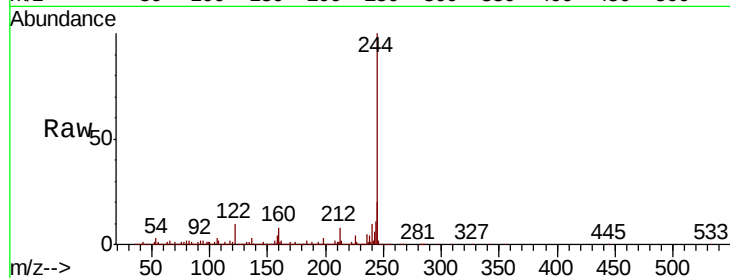
122 10.0 9.0 13.4

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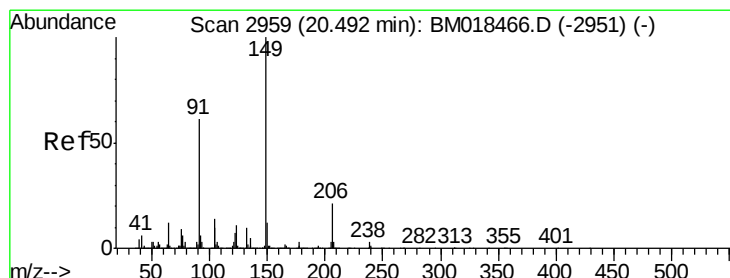
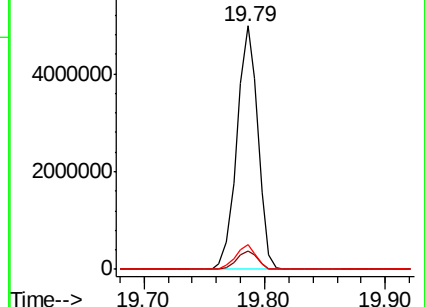
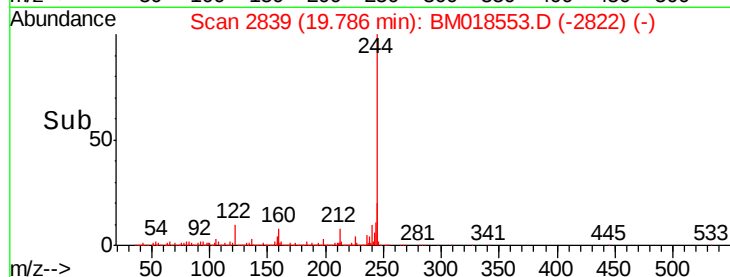
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.273 ng

RT: 20.48 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

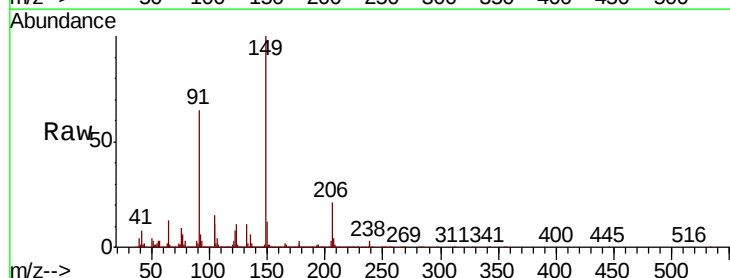
Tgt Ion:149 Resp: 1794075

Ion Ratio Lower Upper

149 100

91 64.7 53.1 79.7

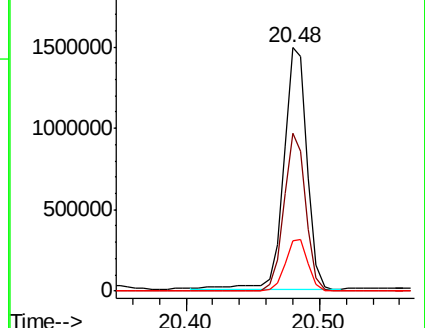
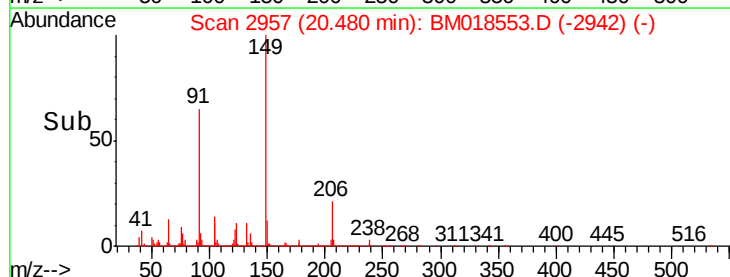
206 20.5 16.2 24.4

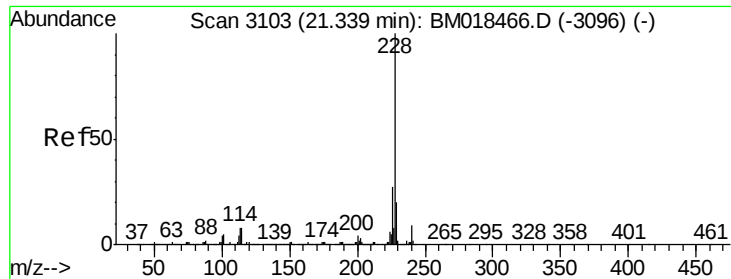


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





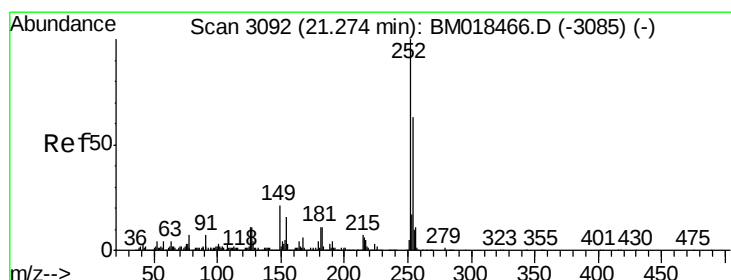
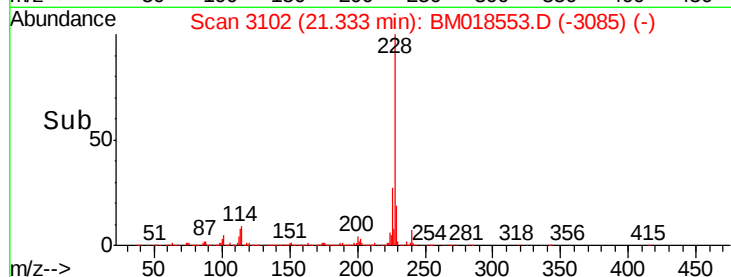
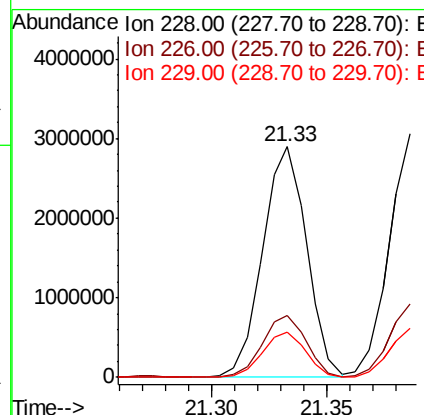
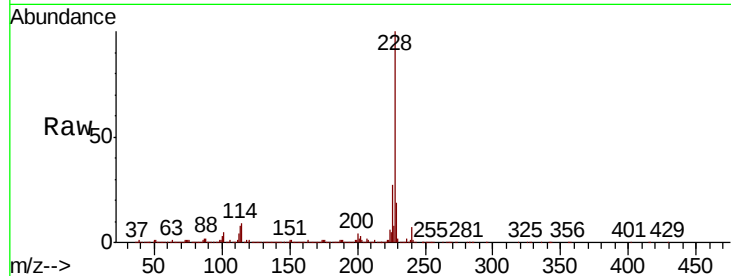
#81
Benzo(a)anthracene
Concen: 41.478 ng
RT: 21.33 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.4	15.8	23.8

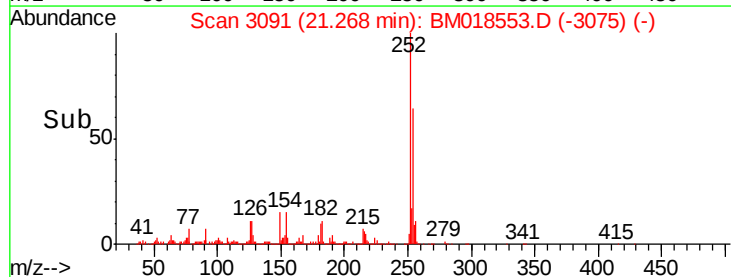
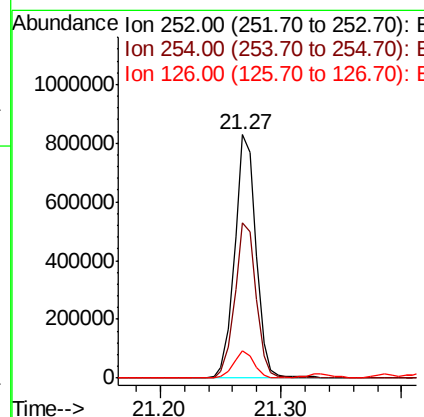
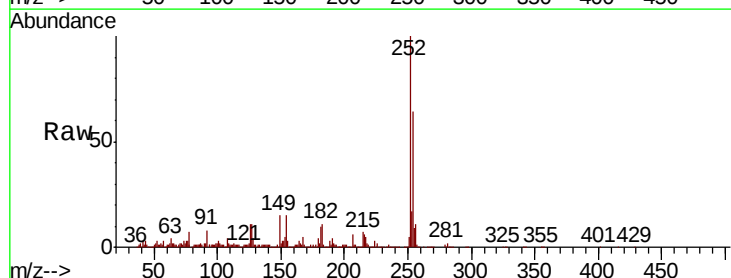
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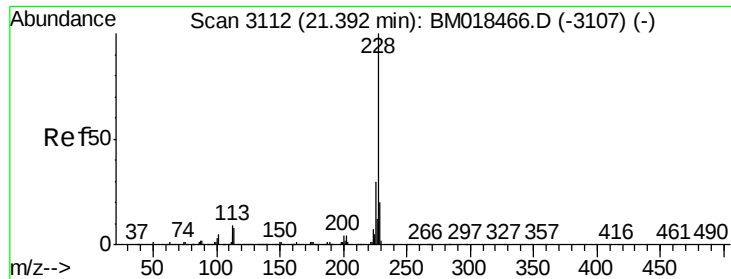
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#82
3,3'-Dichlorobenzidine
Concen: 29.117 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.0
126	11.0	8.7	13.1





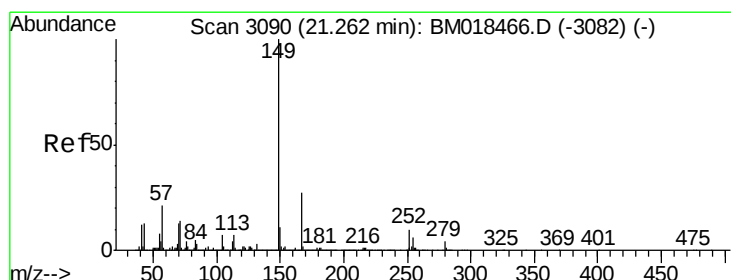
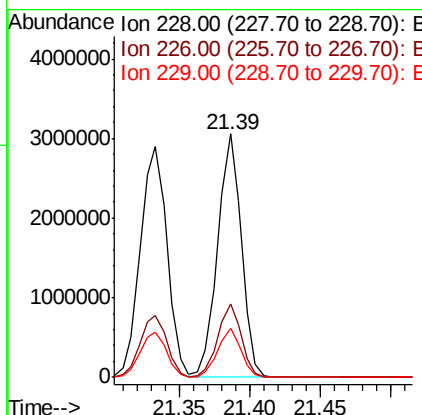
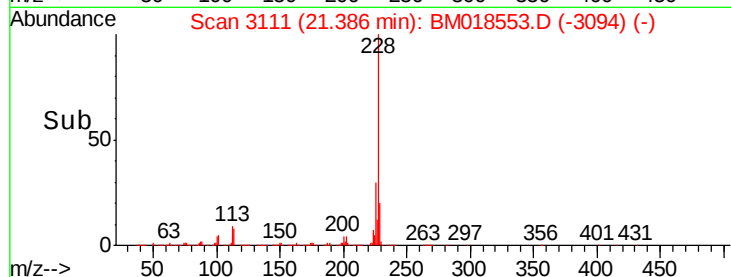
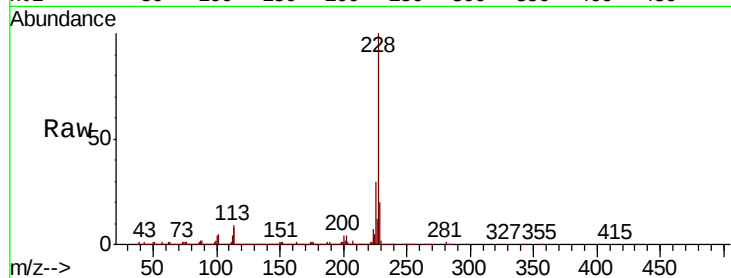
#83
 Chrysene
 Concen: 39.987 ng
 RT: 21.39 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Instrument :
 BNA_M
 ClientSampleId :
 PB116347BS

Tot Ion: 228 Resp: 3564028
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 20.0 15.6 23.4

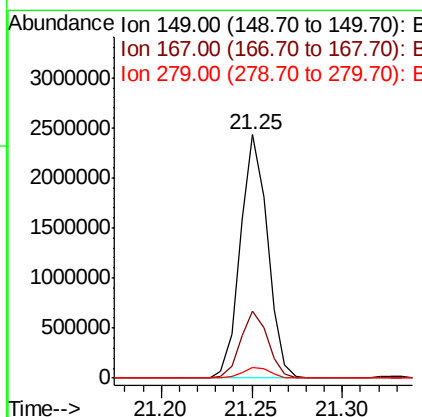
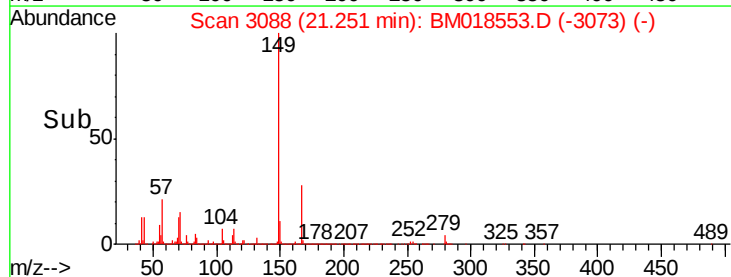
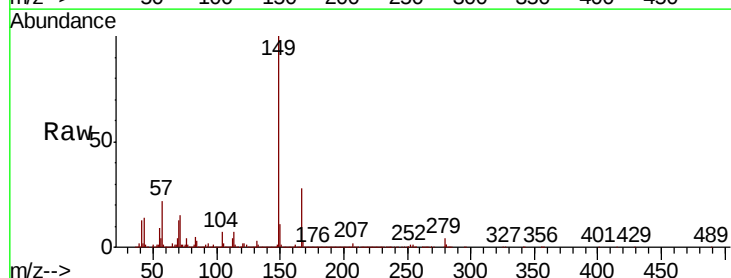
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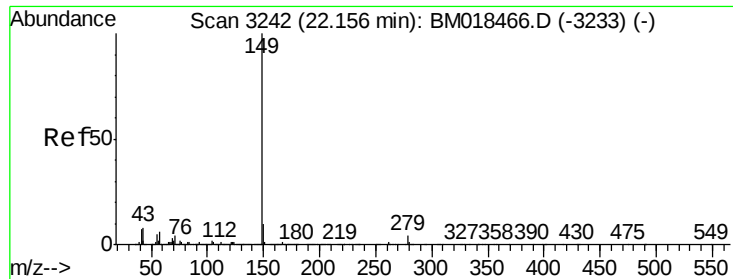
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.176 ng
 RT: 21.25 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM018553.D
 Acq: 14 Jan 2019 16:11

Tgt Ion: 149 Resp: 2527897
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.6 32.4
 279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.532 ng

RT: 22.14 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

ClientSampleId :

PB116347BS

Tot Ion:149 Resp: 4478448

Ion Ratio Lower Upper

149 100

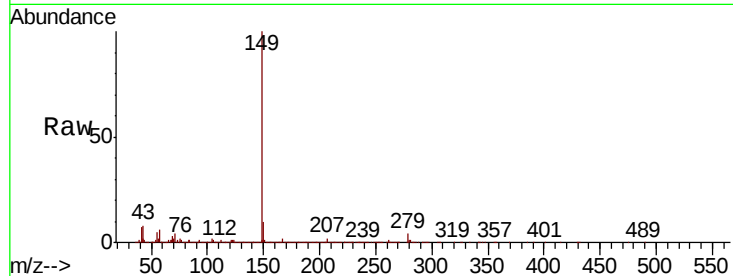
167 1.6 1.3 1.9

43 8.4 8.6 12.8#

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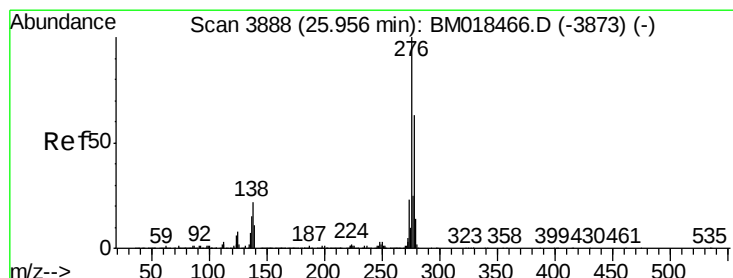
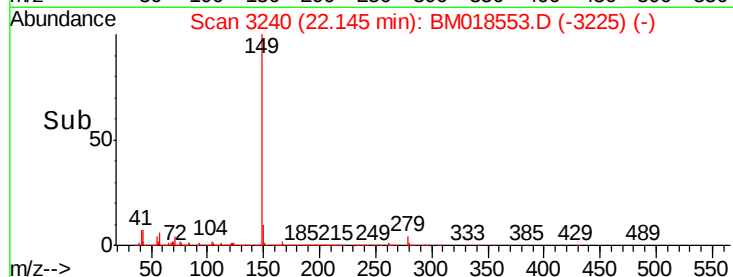
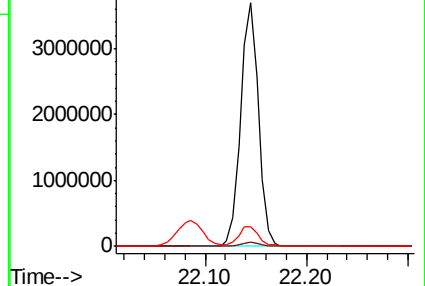
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.085 ng

RT: 25.96 min Scan# 3888

Delta R.T. 0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

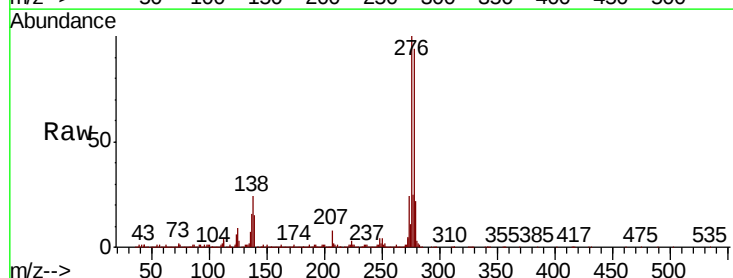
Tgt Ion:276 Resp: 4428072

Ion Ratio Lower Upper

276 100

138 23.3 21.5 32.3

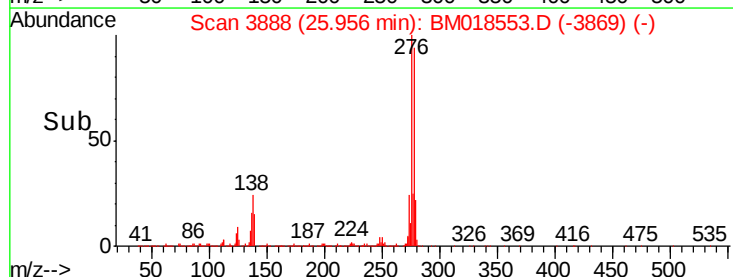
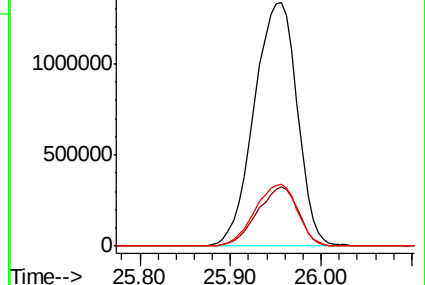
277 25.0 20.2 30.2

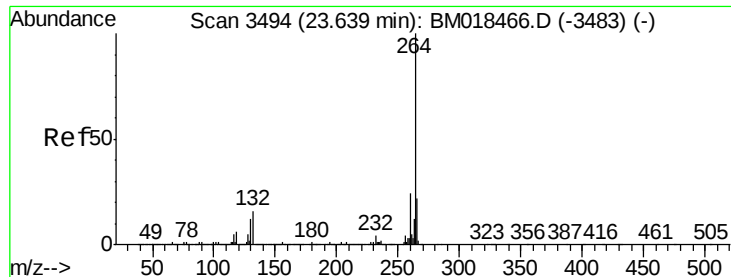


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

ClientSampleId :

PB116347BS

Tot Ion:264 Resp: 1660839

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

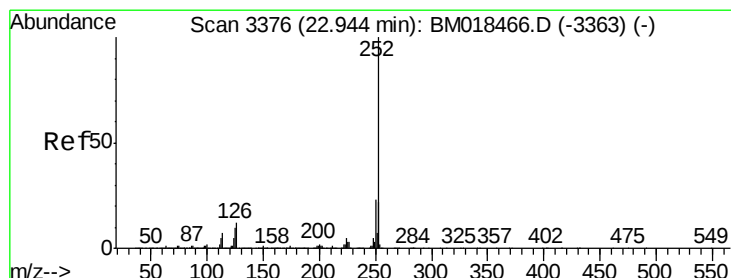
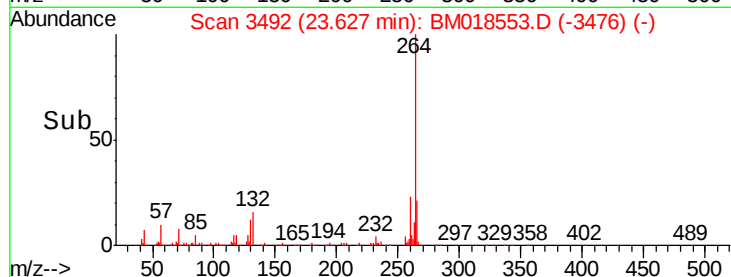
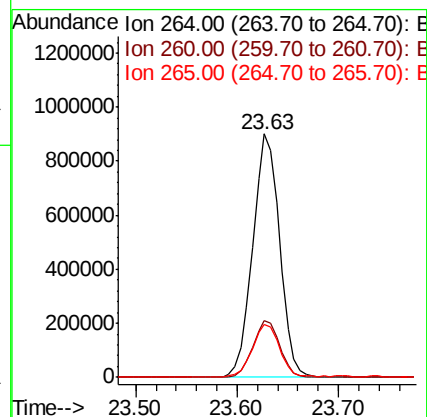
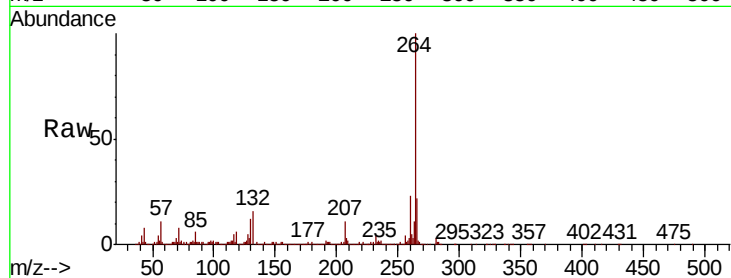
265 21.8 16.8 25.2

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#88

Benzo(b)fluoranthene

Concen: 40.380 ng

RT: 22.94 min Scan# 3376

Delta R.T. 0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

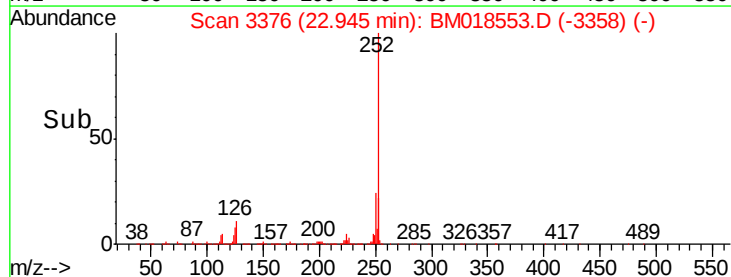
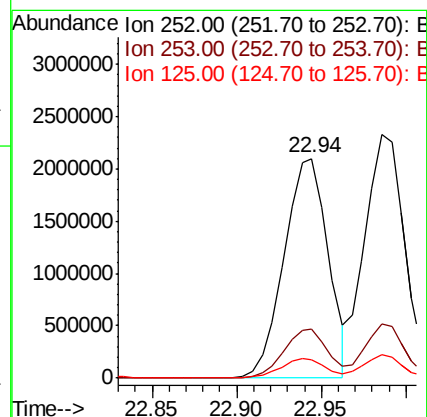
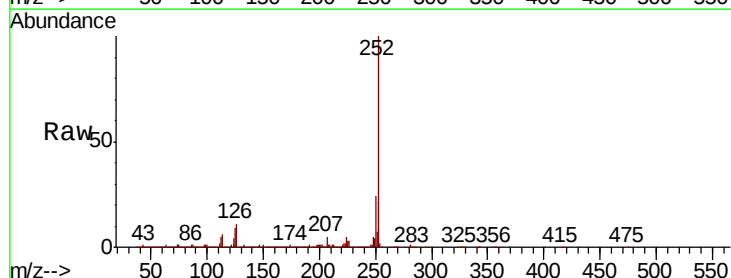
Tgt Ion:252 Resp: 3807413

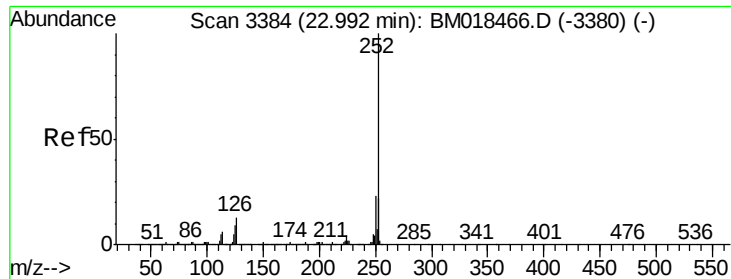
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 8.6 8.5 12.7





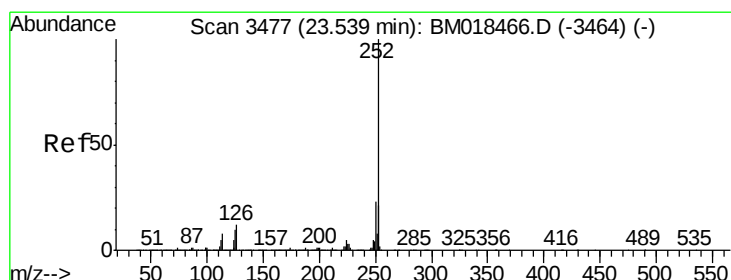
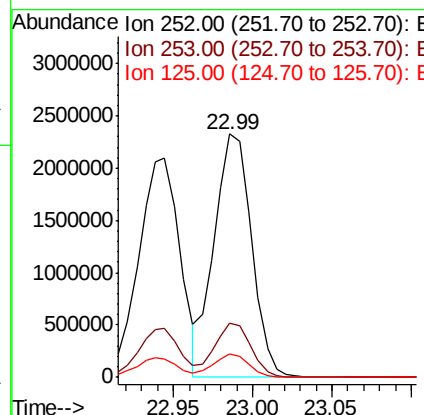
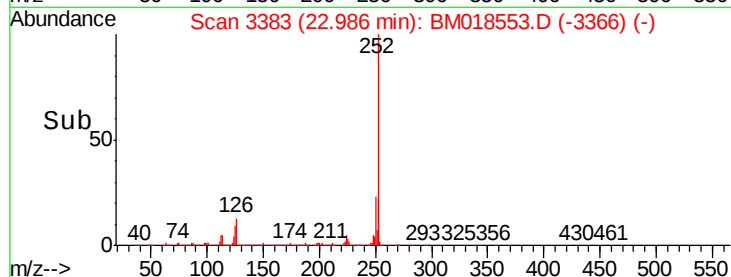
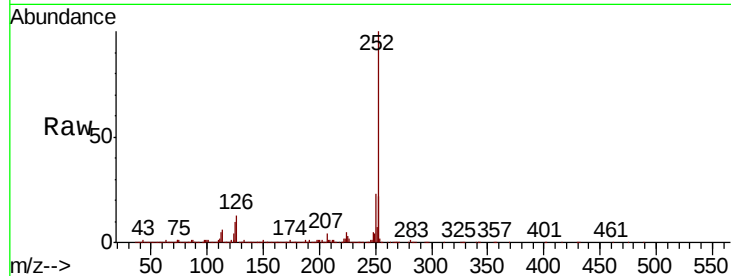
#89
Benzo(k)fluoranthene
Concen: 40.187 ng
RT: 22.99 min Scan# 3383
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Instrument :
BNA_M
ClientSampleId :
PB116347BS

Tot Ion:252 Resp: 3818699
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.6 8.6 12.8

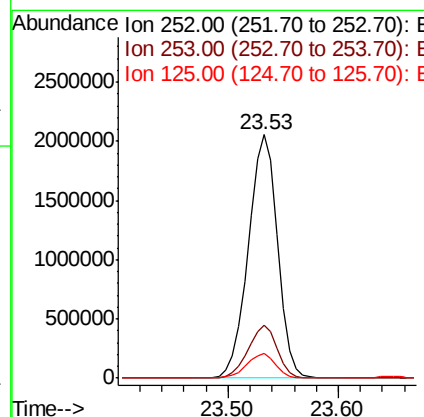
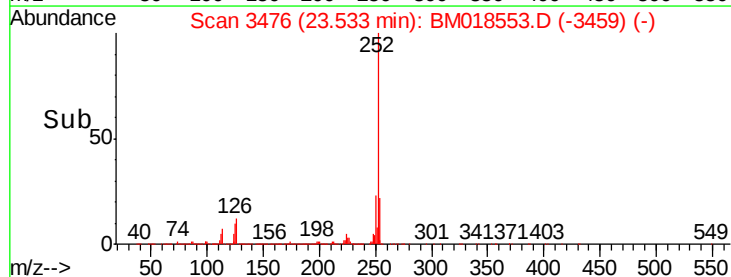
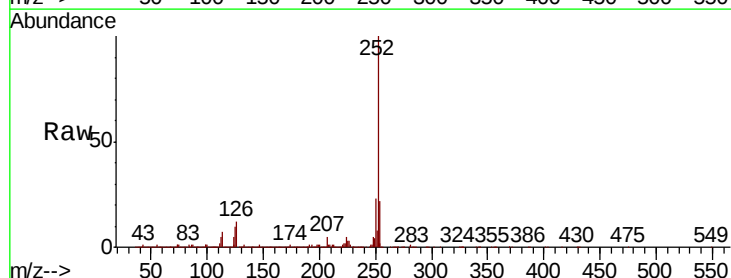
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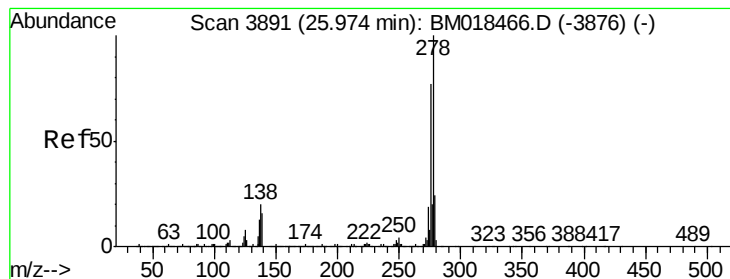
Sohil
1/15/2019 12:20:06 PM



#90
Benzo(a)pyrene
Concen: 42.236 ng
RT: 23.53 min Scan# 3476
Delta R.T. 0.00 min
Lab File: BM018553.D
Acq: 14 Jan 2019 16:11

Tgt Ion:252 Resp: 3812546
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.9 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 40.585 ng

RT: 25.97 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA_M

ClientSampleId :

PB116347BS

Tot Ion:278 Resp: 3712087

Ion Ratio Lower Upper

278 100

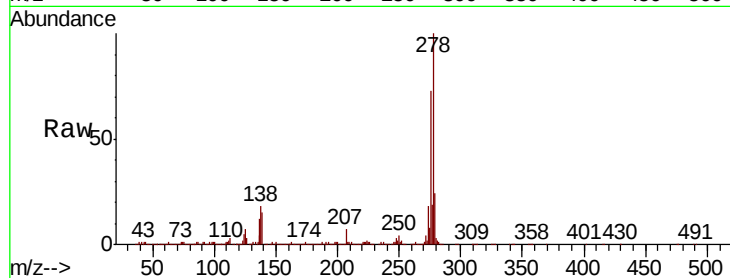
139 14.6 13.2 19.8

279 23.9 19.0 28.4

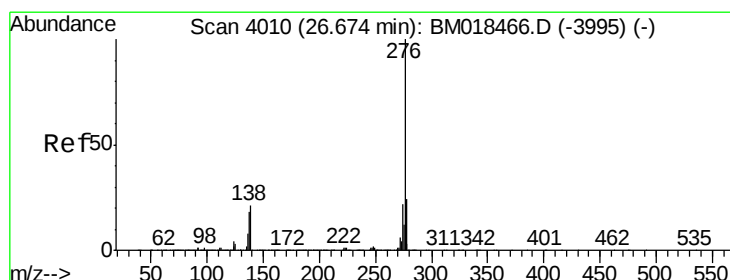
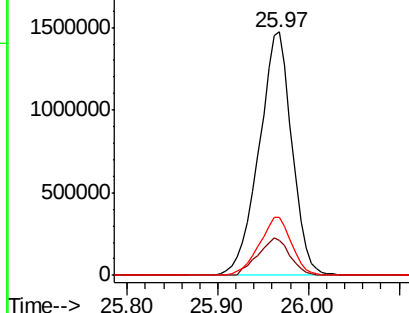
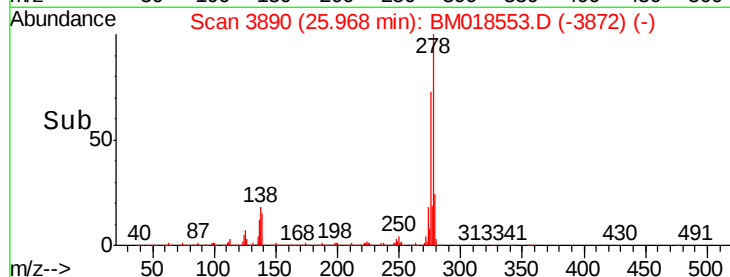
Manual Integrations
APPROVED

Sohil

1/15/2019 12:20:06 PM



Abundance Ion 278.00 (277.70 to 278.70): E
2000000
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: 40.432 ng

RT: 26.67 min Scan# 4009

Delta R.T. 0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

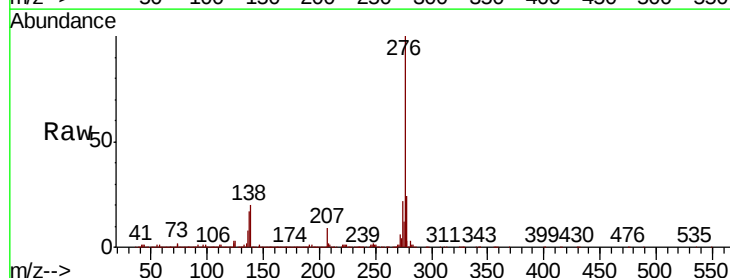
Tgt Ion:276 Resp: 3598762

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.3 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E
1500000
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

