

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015904.D
 Acq On : 12 Jul 2018 08:28
 Operator : SJ/JU
 Sample : J3824-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Manual Integrations
 APPROVED

Sohil
 7/12/2018 6:47:03 PM

Quant Time: Jul 12 09:18:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	81268	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	322587	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	167673	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	326462	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	293802	20.00	ng	-0.02
86) Perylene-d12	24.14	264	283269	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	804739	169.82	ng	-0.02
7) Phenol-d6	7.45	99	956662	147.46	ng	-0.02
23) Nitrobenzene-d5	9.48	82	786138	118.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.39	330	360476	164.54	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1579447	116.95	ng	-0.02
78) Terphenyl-d14	20.20	244	1885742	119.05	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	90718	46.289	ng	# 100
3) Pyridine	4.02	79	164936	31.892	ng	# 75
4) n-Nitrosodimethylamine	3.92	42	213553	53.031	ng	# 43
6) Aniline	7.62	93	81046	10.304	ng	# 92
8) 2-Chlorophenol	7.85	128	310725	54.635	ng	96
9) Benzaldehyde	7.43	77	82291	20.126	ng	84
10) Phenol	7.47	94	314186	48.199	ng	95
11) bis(2-Chloroethyl)ether	7.71	93	262412	49.487	ng	88
12) 1,3-Dichlorobenzene	8.17	146	330152	52.358	ng	# 91
13) 1,4-Dichlorobenzene	8.33	146	337809	51.805	ng	95
14) 1,2-Dichlorobenzene	8.65	146	330282	52.373	ng	# 94
15) Benzyl Alcohol	8.55	79	269300	47.815	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.82	45	418319	72.234	ng	99
17) 2-Methylphenol	8.74	107	233887	51.789	ng	# 85
18) Hexachloroethane	9.37	117	144722	56.129	ng	97
19) n-Nitroso-di-n-propylamine	9.11	70	242173	46.449	ng	# 77
20) 3+4-Methylphenols	9.07	107	309856	49.395	ng	88
22) Acetophenone	9.13	105	459216	54.646	ng	# 85
24) Nitrobenzene	9.52	77	383610	59.605	ng	98
25) Isophorone	10.04	82	615825	61.025	ng	# 94
26) 2-Nitrophenol	10.23	139	161251	58.186	ng	# 62
27) 2,4-Dimethylphenol	10.28	122	264789	62.894	ng	# 85
28) bis(2-Chloroethoxy)methane	10.52	93	360878	54.890	ng	99
29) 2,4-Dichlorophenol	10.77	162	277968	59.614	ng	99
30) 1,2,4-Trichlorobenzene	10.97	180	307511	56.780	ng	96
31) Naphthalene	11.17	128	946210	56.575	ng	99
32) Benzoic acid	10.46	122	153007	41.049	ng	# 80
33) 4-Chloroaniline	11.30	127	34792	5.102	ng	# 86
34) Hexachlorobutadiene	11.42	225	200476	55.466	ng	99
35) Caprolactam	12.09	113	58802m	38.026	ng	
36) 4-Chloro-3-methylphenol	12.39	107	286375	53.526	ng	85
37) 2-Methylnaphthalene	12.76	142	690906	58.072	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	328901	61.117	ng	# 100
40) Hexachlorocyclopentadiene	13.08	237	377950	142.075	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.36	196	202180	59.434	ng	99
43) 2,4,5-Trichlorophenol	13.44	196	206019	56.064	ng #	86
45) 1,1'-Biphenyl	13.75	154	849379	58.590	ng	99
46) 2-Chloronaphthalene	13.80	162	659567	60.851	ng #	91
47) 2-Nitroaniline	14.01	65	204525	54.109	ng #	77
48) Acenaphthylene	14.64	152	1021037	57.907	ng	99
49) Dimethylphthalate	14.36	163	774453	52.372	ng	100
50) 2,6-Dinitrotoluene	14.50	165	160442	55.646	ng #	64
51) Acenaphthene	14.97	154	594266	54.162	ng	97
52) 3-Nitroaniline	14.83	138	50288	15.935	ng #	71
53) 2,4-Dinitrophenol	15.04	184	151386	102.742	ng #	78
54) Dibenzofuran	15.31	168	940314	55.617	ng #	86
55) 4-Nitrophenol	15.13	139	212873	91.397	ng #	78
56) 2,4-Dinitrotoluene	15.29	165	220173	52.893	ng	97
57) Fluorene	15.95	166	731615	52.476	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	170099	54.855	ng #	100
59) Diethylphthalate	15.70	149	782845	49.401	ng	95
60) 4-Chlorophenyl-phenylether	15.93	204	365452	50.941	ng #	88
61) 4-Nitroaniline	15.99	138	122143	37.308	ng #	33
62) Azobenzene	16.23	77	852880	57.416	ng	80
64) 4,6-Dinitro-2-methylphenol	16.04	198	100924	50.853	ng #	83
65) n-Nitrosodiphenylamine	16.15	169	579444	51.799	ng	97
66) 4-Bromophenyl-phenylether	16.82	248	209189	57.390	ng #	79
67) Hexachlorobenzene	16.94	284	231724	56.891	ng #	75
68) Atrazine	17.09	200	153353	41.678	ng	99
69) Pentachlorophenol	17.29	266	236395	93.794	ng	99
70) Phenanthrene	17.68	178	1046898	56.052	ng	99
71) Anthracene	17.77	178	1058137	57.690	ng	98
72) Carbazole	18.04	167	873712	51.118	ng	98
73) Di-n-butylphthalate	18.56	149	1246799	54.120	ng #	97
74) Fluoranthene	19.66	202	1087922	50.668	ng	99
76) Benzidine	19.84	184	120545	14.004	ng	99
77) Pyrene	20.02	202	1088814	59.493	ng	99
79) Butylbenzylphthalate	20.87	149	521877	58.991	ng #	83
80) Benzo(a)anthracene	21.73	228	1034297	55.524	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	158411	23.669	ng	96
82) Chrysene	21.79	228	962885	55.489	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	746522	57.111	ng	95
84) Di-n-octyl phthalate	22.53	149	1220020	57.240	ng #	90
85) Indeno(1,2,3-cd)pyrene	26.61	276	1196972	74.244	ng #	93
87) Benzo(b)fluoranthene	23.42	252	1044332	55.220	ng #	96
88) Benzo(k)fluoranthene	23.46	252	941387	51.241	ng	99
89) Benzo(a)pyrene	24.04	252	957099	57.490	ng	99
90) Dibenzo(a,h)anthracene	26.61	278	1031524	68.866	ng	97
91) Benzo(g,h,i)perylene	27.36	276	965181	73.337	ng	95

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

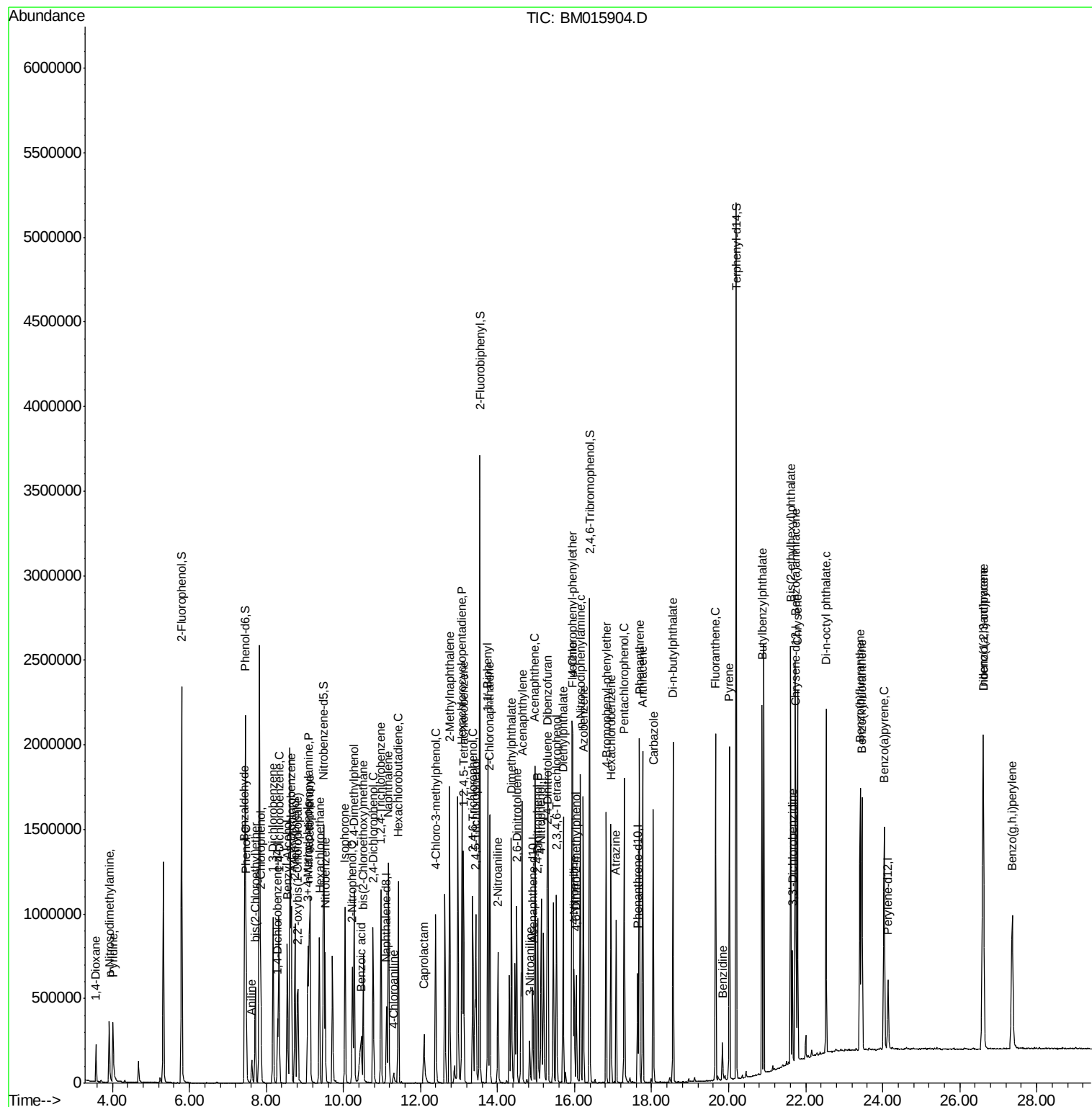
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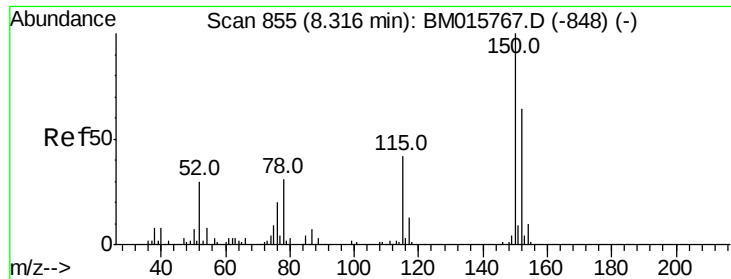
Instrument :
BNA_M
ClientSampleID :
HD-02-071018MS

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#1

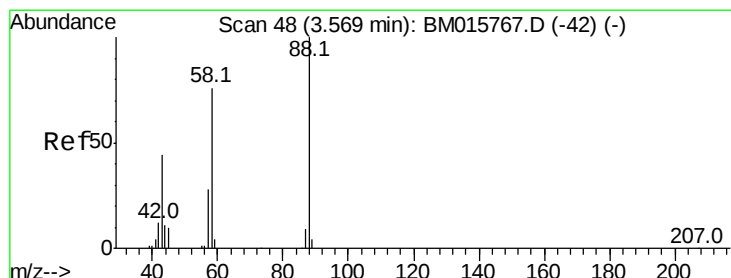
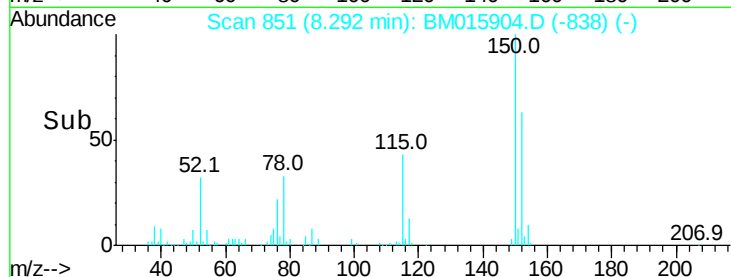
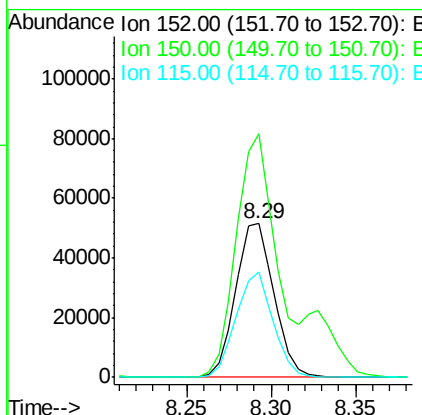
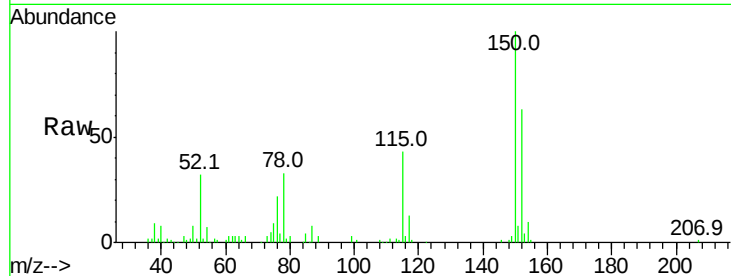
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	119.5	179.3
115	68.4	43.0	64.4

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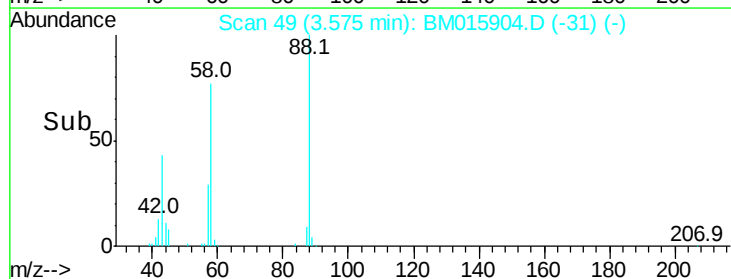
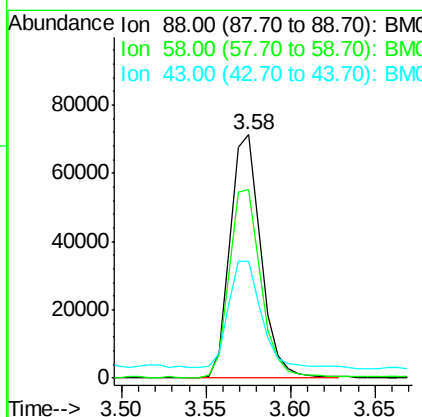
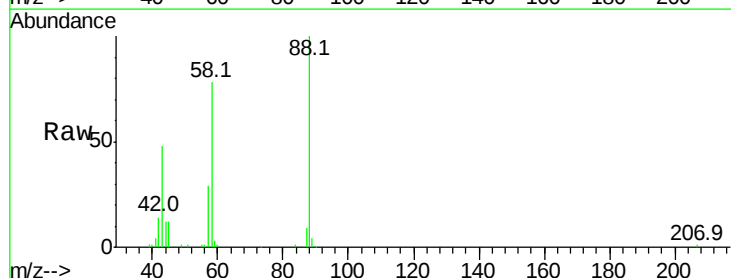
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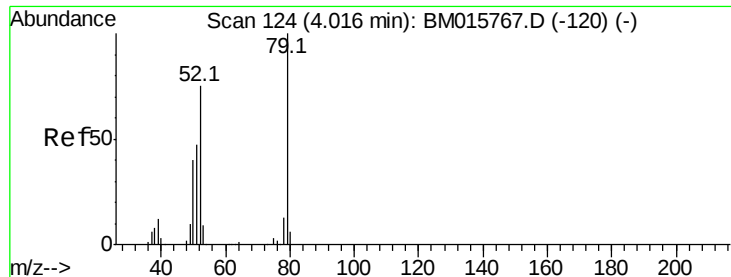


#2

1,4-Dioxane
Concen: 46.289 ng
RT: 3.58 min Scan# 49
Delta R.T. 0.01 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	0.0	0.0
43	45.8	0.0	0.0





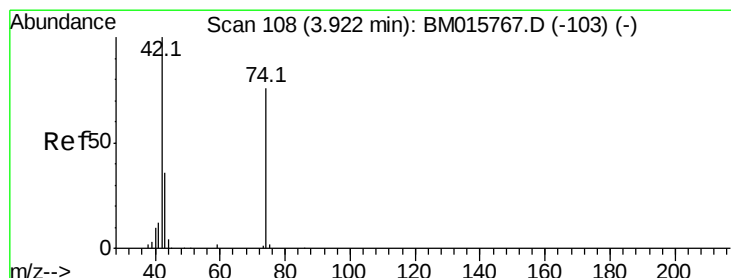
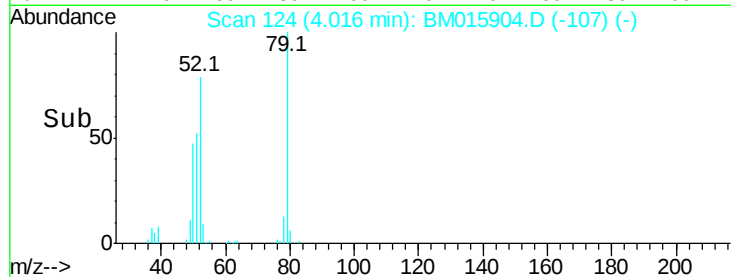
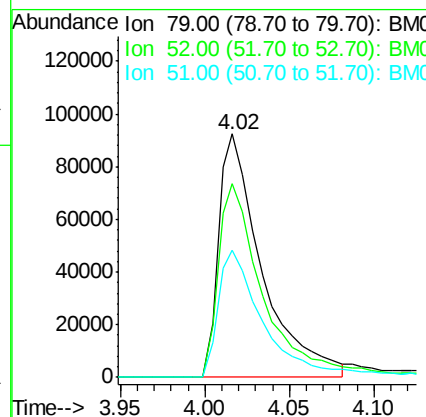
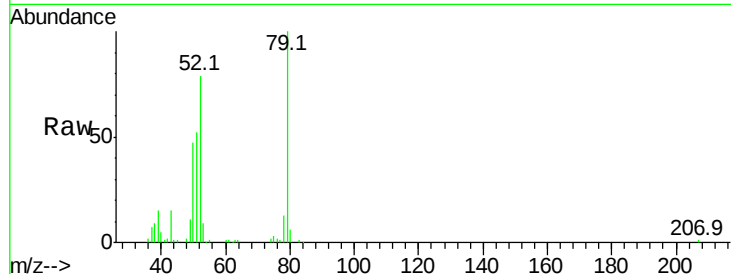
#3
 Pvridine
 Concen: 31.892 ng
 RT: 4.02 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.5	51.1	76.7#
51	52.4	26.1	39.1#

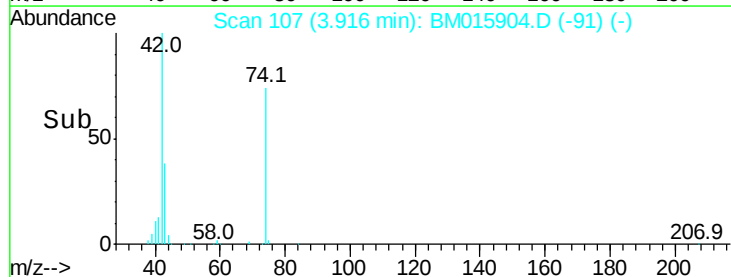
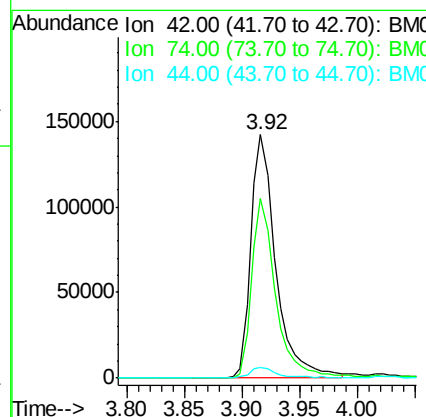
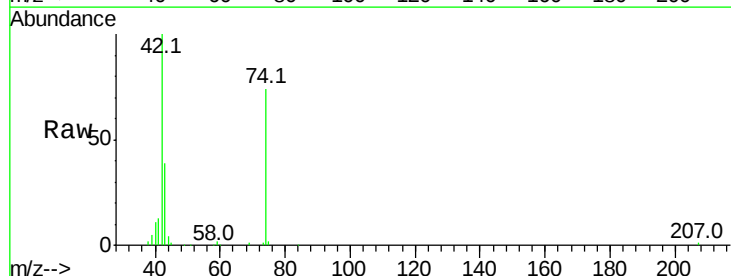
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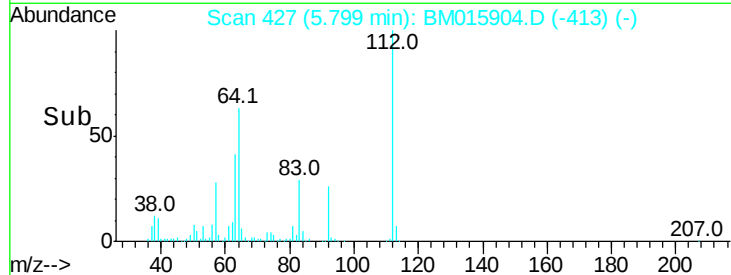
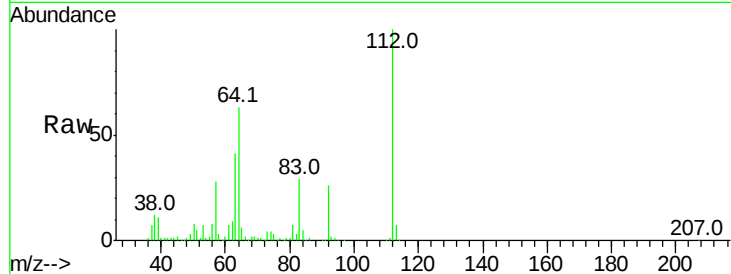
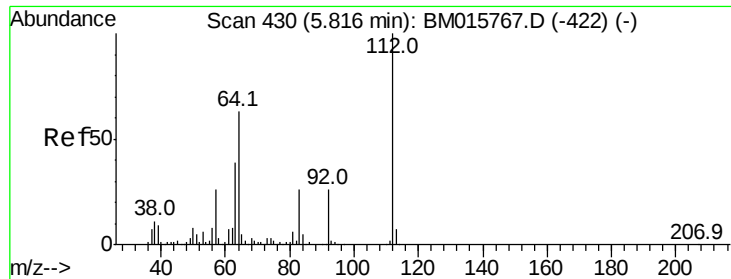
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#4
 n-Nitrosodimethylamine
 Concen: 53.031 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	73.7	119.3	178.9#
44	4.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 53.031 ng

RT: 5.80 min Scan# 427

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

ClientSampleId :

HD-02-071018MS

Tot Ion: 112 Resp: 804739

Ion Ratio Lower Upper

112 100

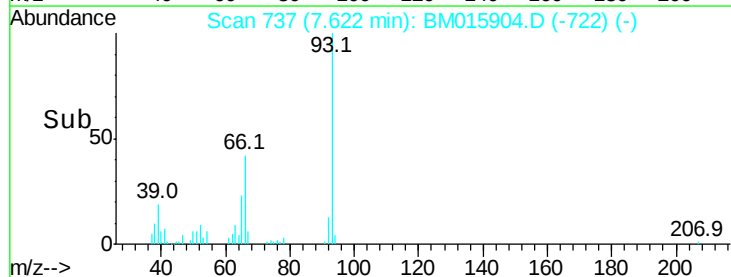
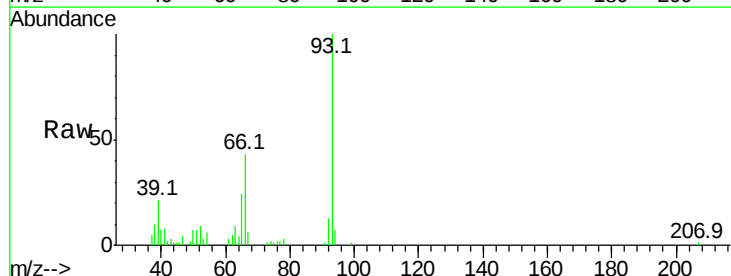
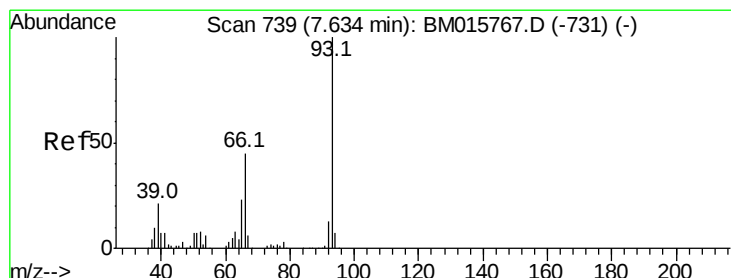
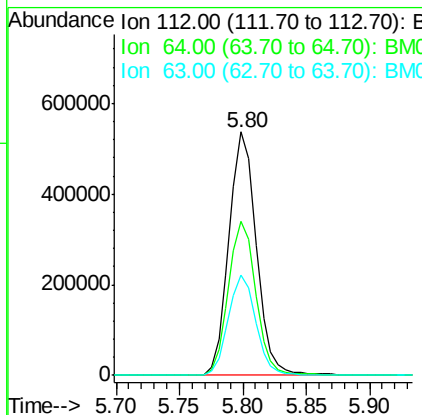
64 63.2 38.6 57.8#

63 40.9 19.3 28.9#

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#6

Aniline

Concen: 10.304 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

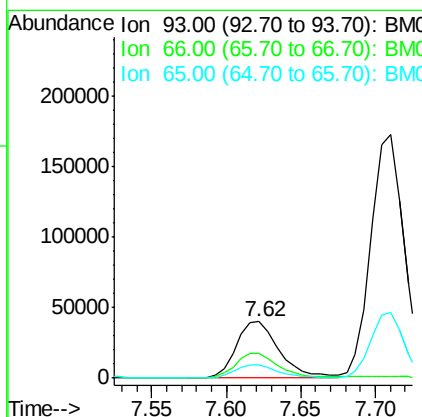
Tgt Ion: 93 Resp: 81046

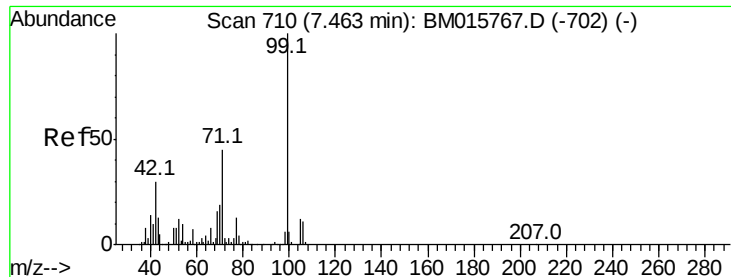
Ion Ratio Lower Upper

93 100

66 43.3 30.8 46.2

65 24.1 16.0 24.0#





#7

Phenol-d6

Concen: 10.304 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

ClientSampleId :

HD-02-071018MS

Tot Ion: 99 Resp: 956662

Ion Ratio Lower Upper

99 100

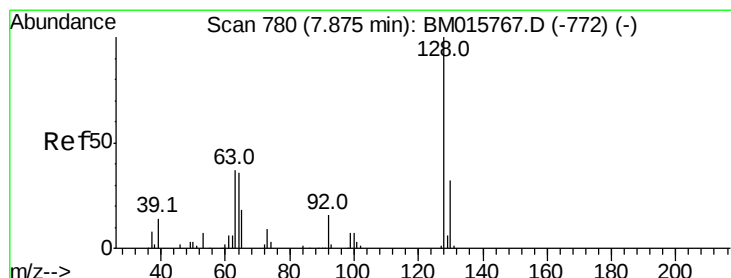
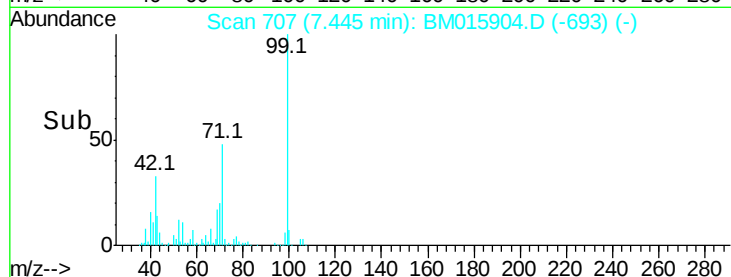
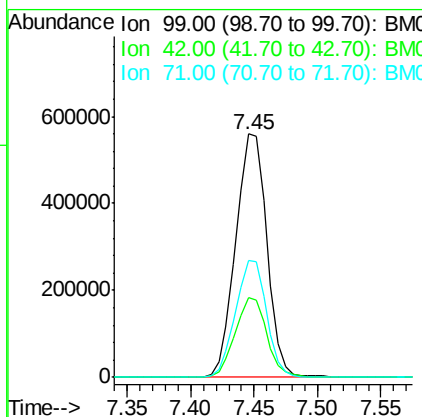
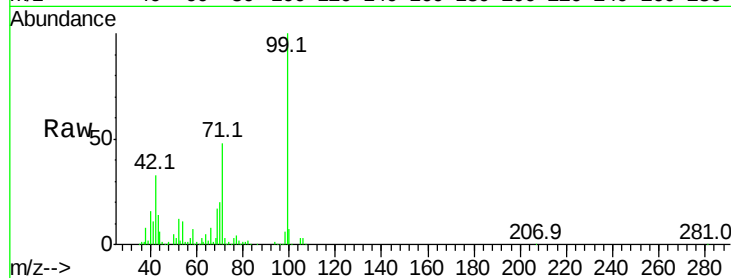
42 32.8 11.0 16.4#

71 47.9 23.4 35.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 54.635 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

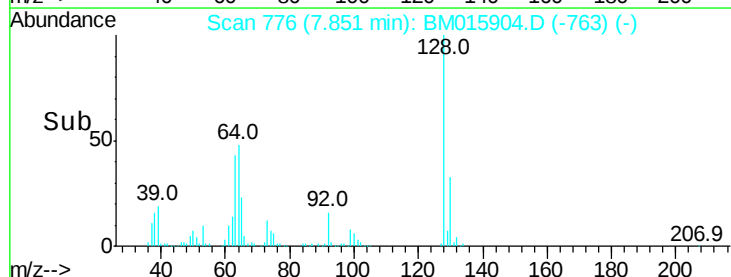
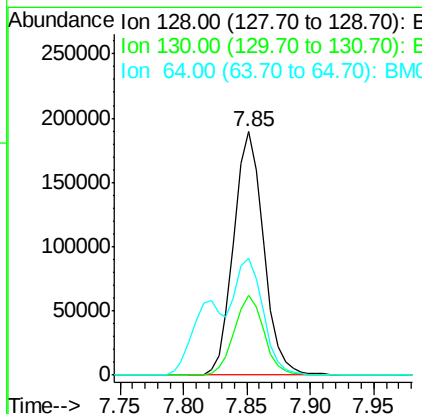
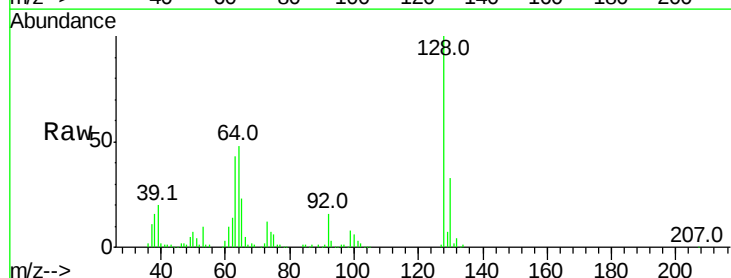
Tgt Ion: 128 Resp: 310725

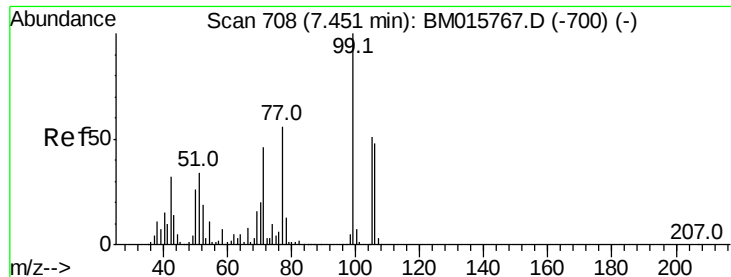
Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 48.2 24.9 64.9





#9

Benzaldehyde

Concen: 20.126 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

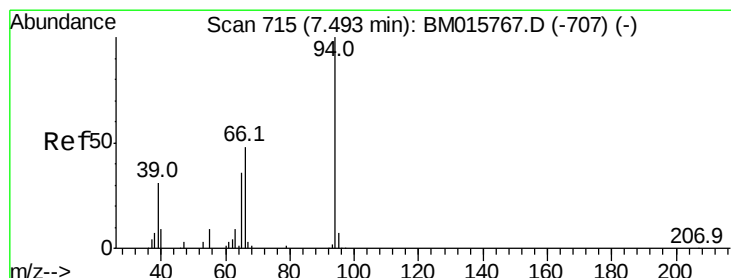
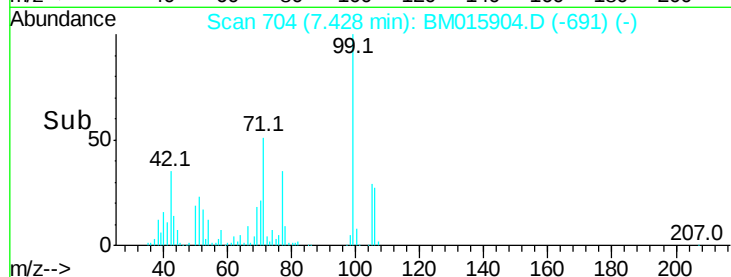
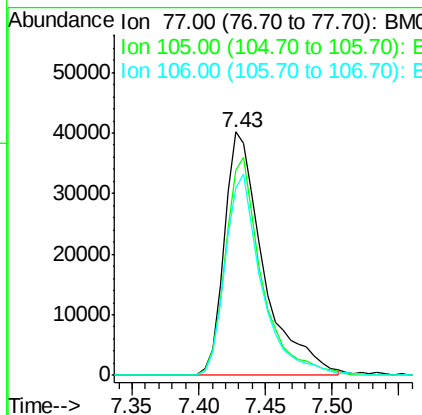
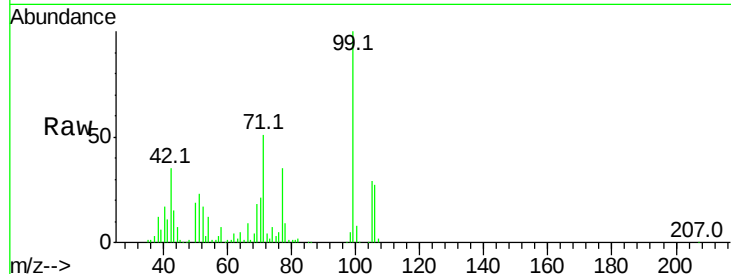
ClientSampleID :

HD-02-071018MS

Tot Ion:	77	Resp:	82291
Ion	Ratio	Lower	Upper
77	100		
105	84.1	78.8	118.8
106	76.9	73.7	113.7

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#10

Phenol

Concen: 48.199 ng

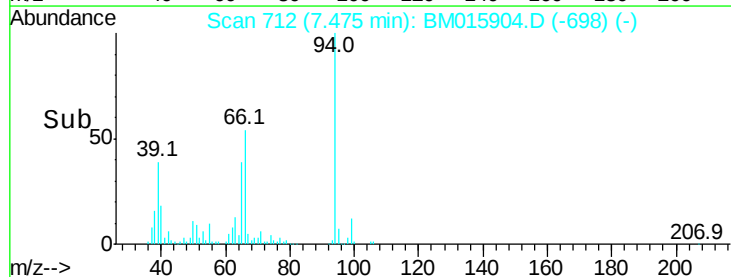
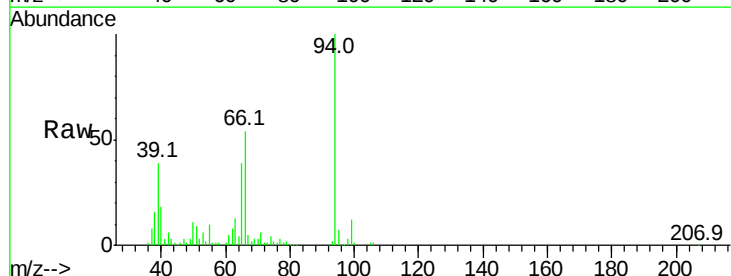
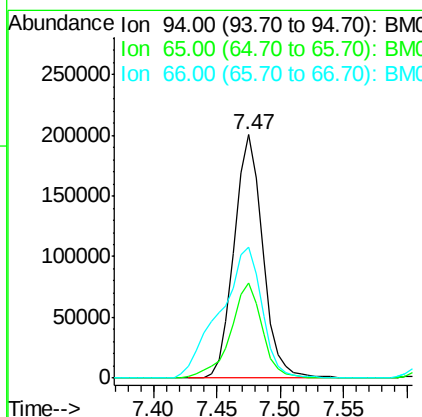
RT: 7.47 min Scan# 712

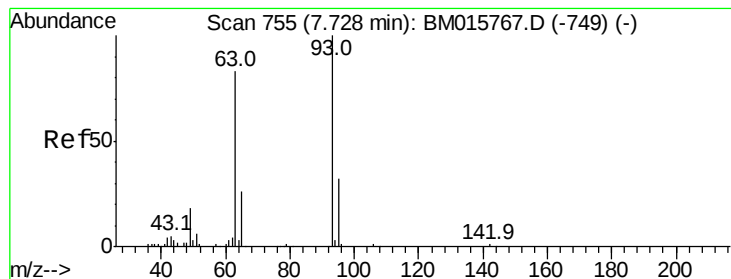
Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion:	94	Resp:	314186
Ion	Ratio	Lower	Upper
94	100		
65	38.9	18.8	58.8
66	53.6	39.9	79.9





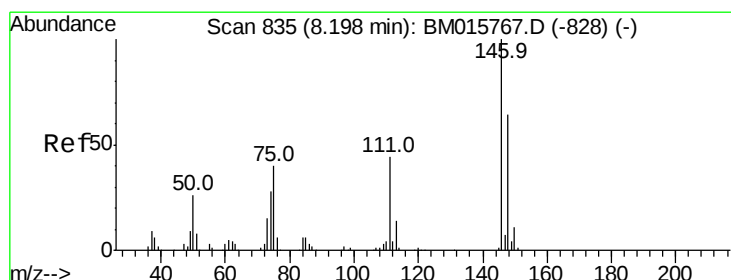
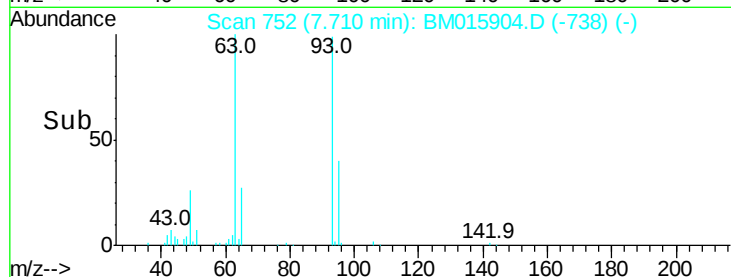
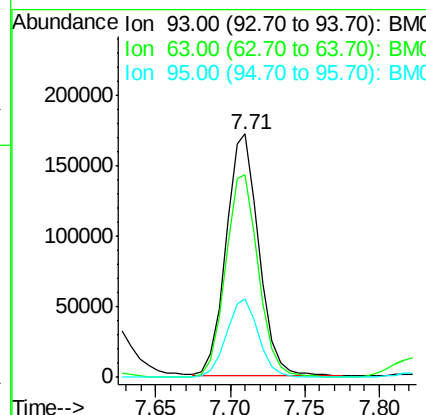
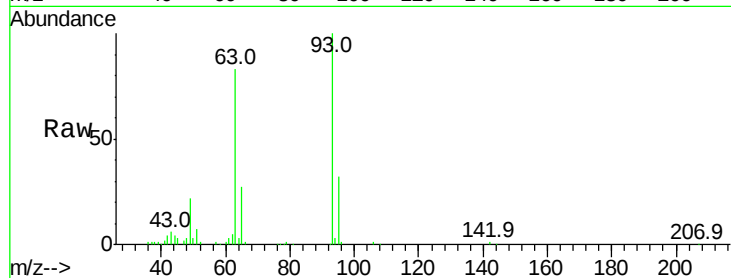
#11
bis(2-Chloroethyl)ether
Concen: 49.487 ng
RT: 7.71 min Scan# 752
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	262412		
63	83.5	49.5	89.5	
95	32.4	13.5	53.5	

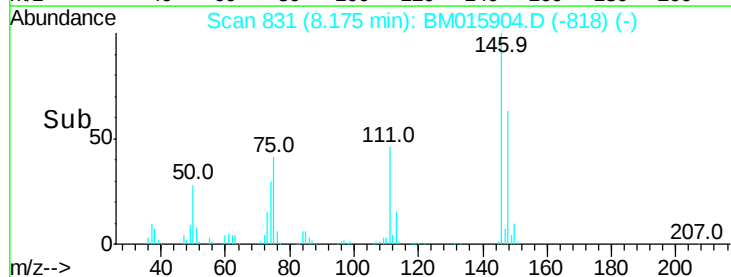
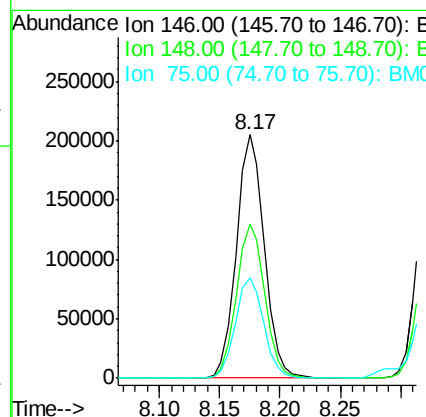
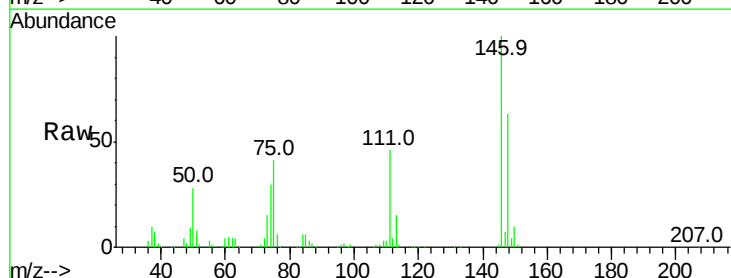
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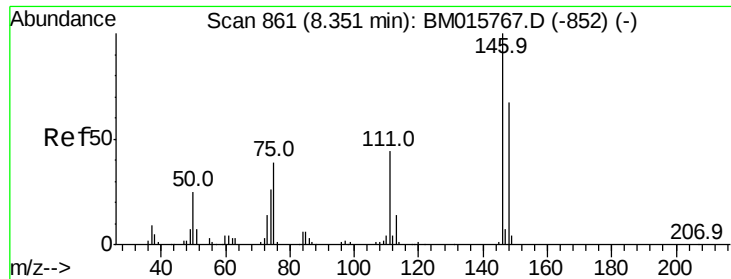
Sohil
7/12/2018 6:47:03 PM



#12
1,3-Dichlorobenzene
Concen: 52.358 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	330152		
148	63.1	50.9	76.3	
75	41.2	21.4	32.2	





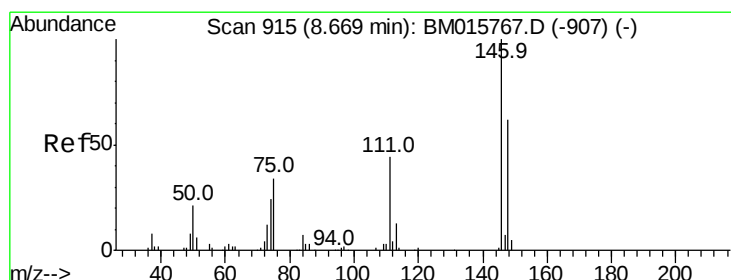
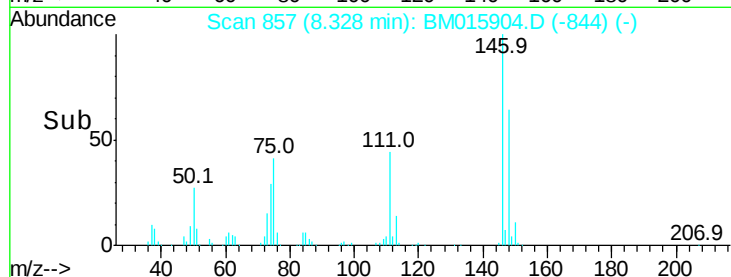
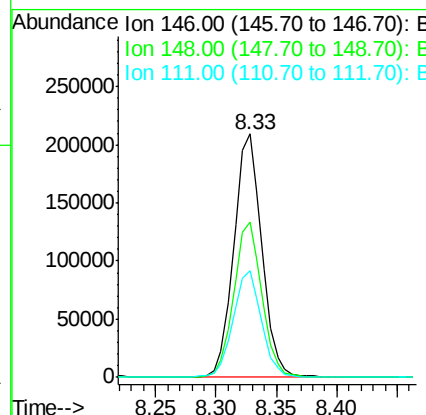
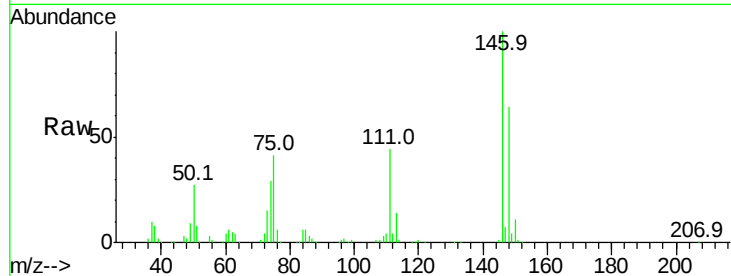
#13
 1,4-Dichlorobenzene
 Concen: 51.805 ng
 RT: 8.33 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	43.6	29.2	43.8

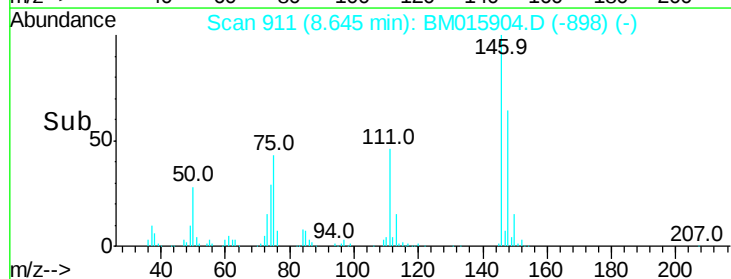
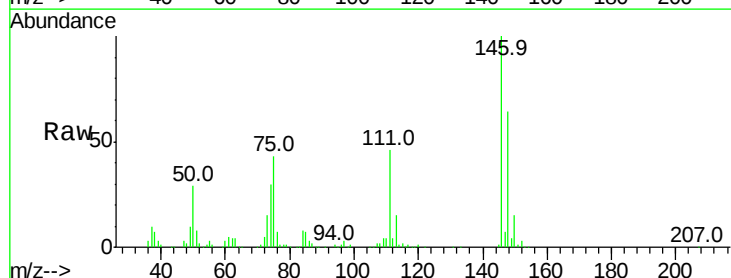
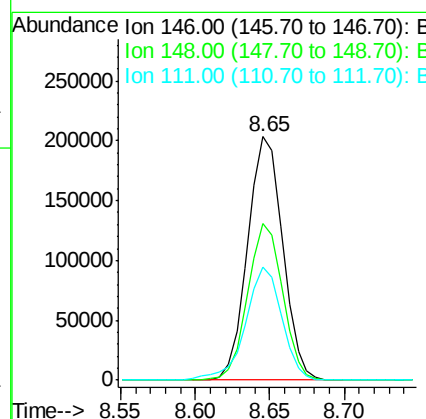
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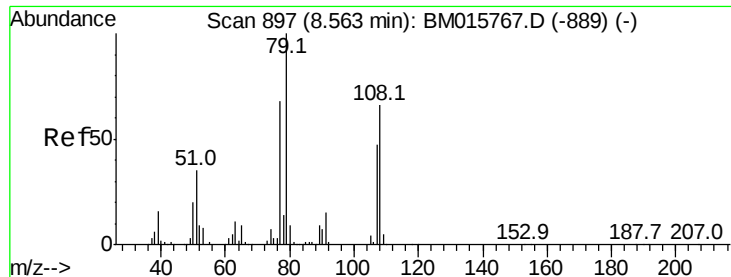
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 52.373 ng
 RT: 8.65 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.3	78.5
111	46.4	30.6	45.8





#15

Benzyl Alcohol

Concen: 47.815 ng

RT: 8.55 min Scan# 894

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

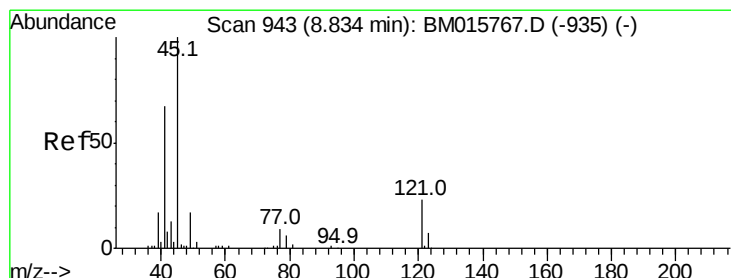
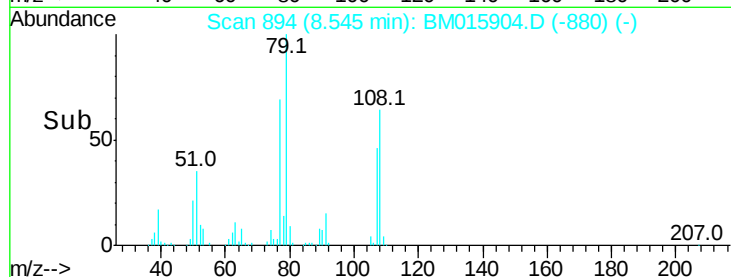
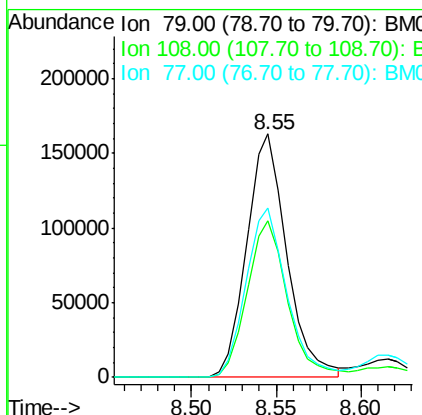
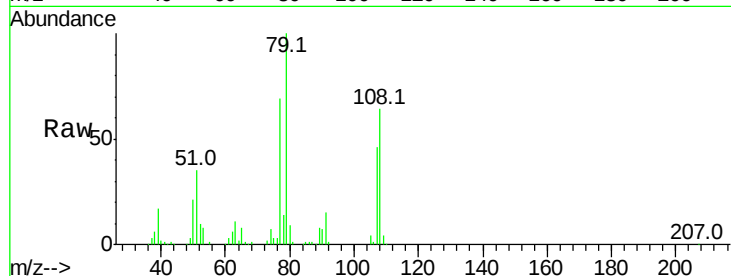
ClientSampleId :

HD-02-071018MS

Tot Ion:	79	Resp:	269300
Ion Ratio	Lower	Upper	
79	100		
108	64.2	65.0	97.4#
77	69.5	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 72.234 ng

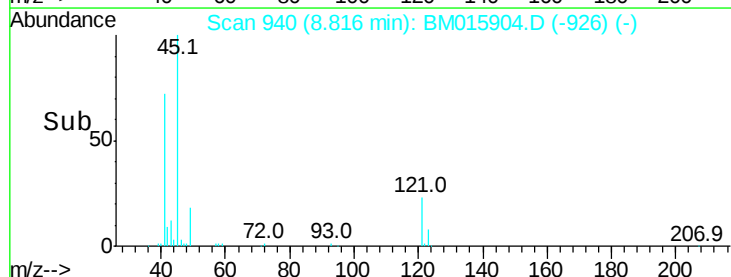
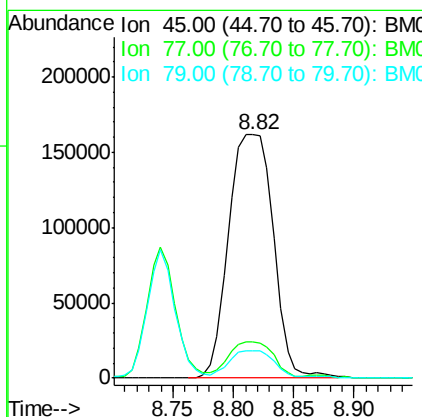
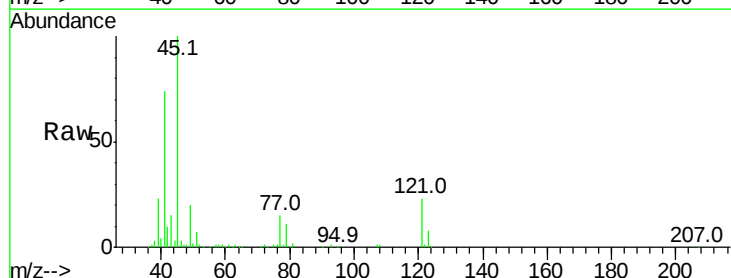
RT: 8.82 min Scan# 940

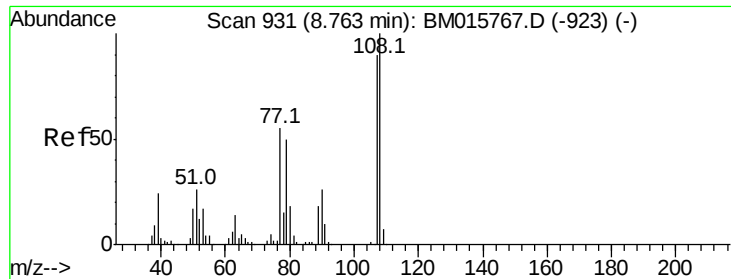
Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion:	45	Resp:	418319
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	35.2
79	11.2	0.0	32.0





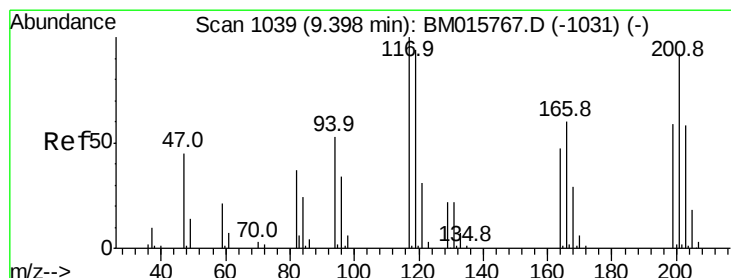
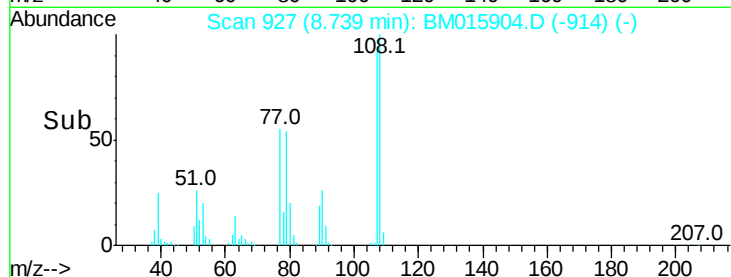
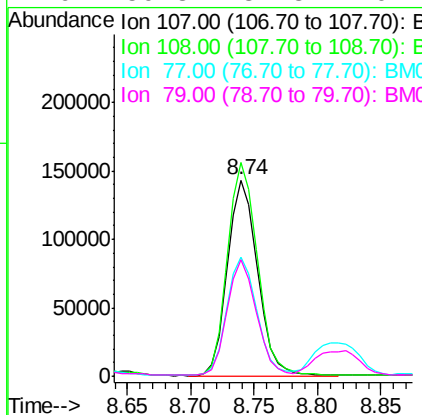
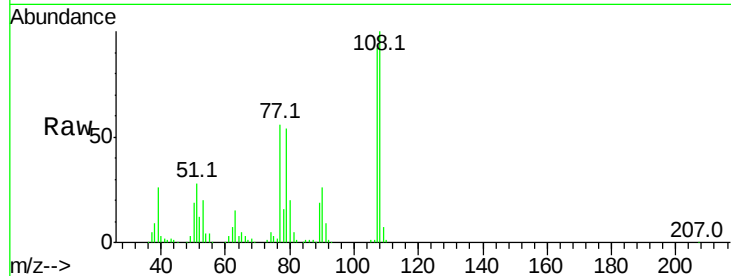
#17
2-Methylphenol
Concen: 51.789 ng
RT: 8.74 min Scan# 927
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	233887		
108	108.9	89.8	134.8	
77	60.6	32.6	48.8#	
79	59.3	32.8	49.2#	

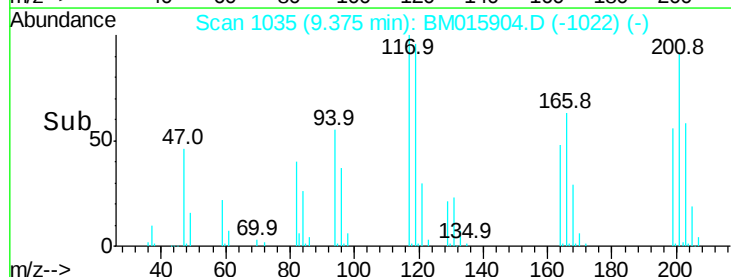
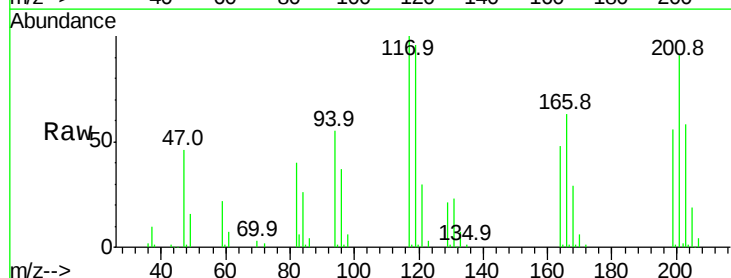
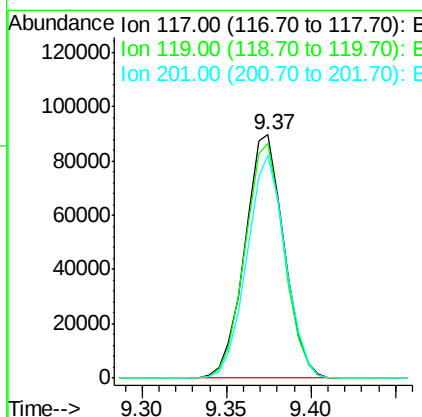
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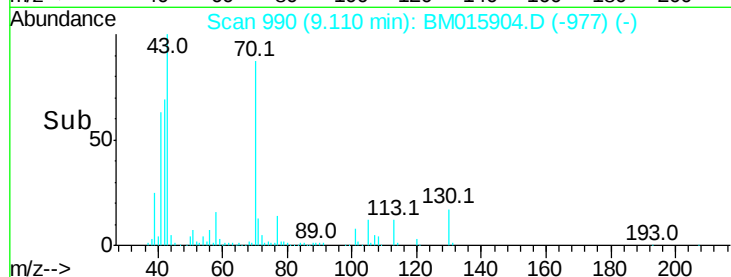
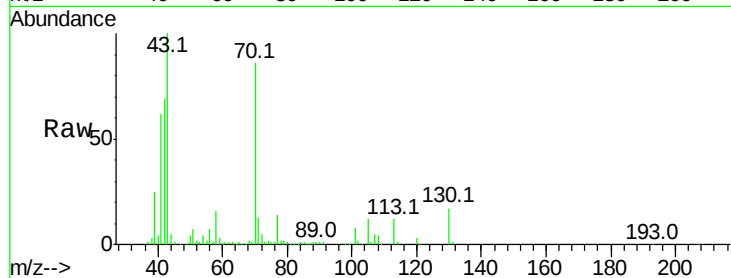
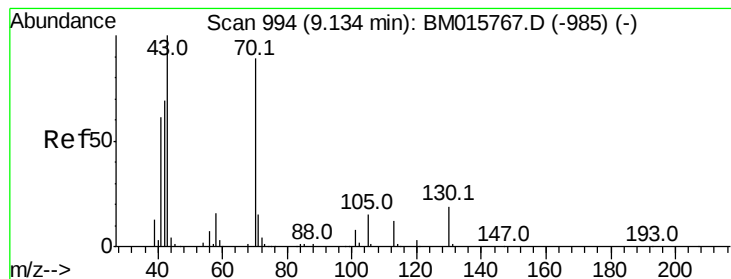
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#18
Hexachloroethane
Concen: 56.129 ng
RT: 9.37 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	144722		
119	96.5	79.2	118.8	
201	91.4	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 46.449 ng

RT: 9.11 min Scan# 990

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

ClientSampleId :

HD-02-071018MS

Tot Ion: 70 Resp: 242173

Ion Ratio Lower Upper

70 100

42 80.0 44.5 66.7#

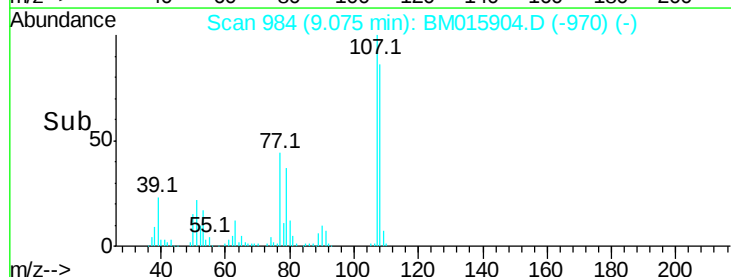
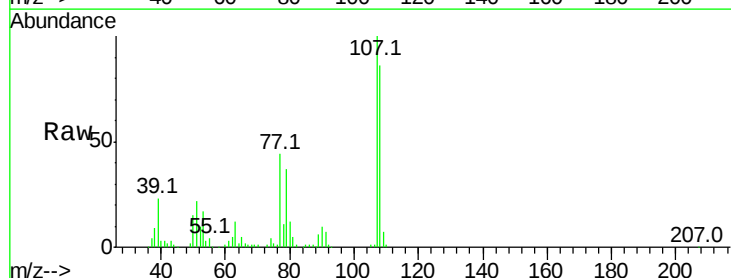
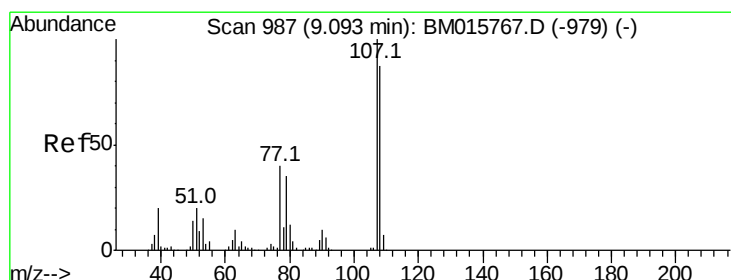
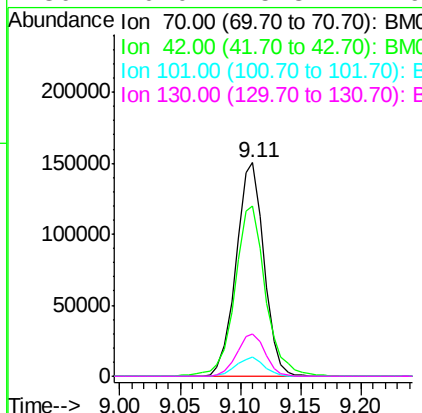
101 9.2 7.4 11.2

130 20.0 15.3 22.9

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#20

3+4-Methylphenols

Concen: 49.395 ng

RT: 9.07 min Scan# 984

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion: 107 Resp: 309856

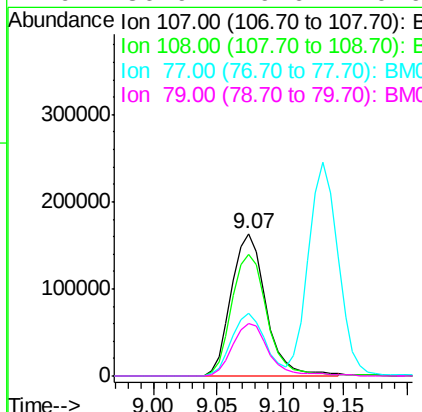
Ion Ratio Lower Upper

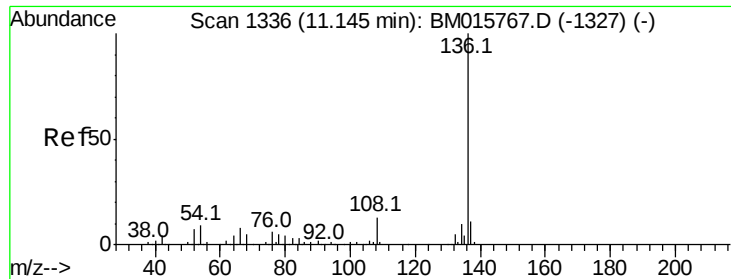
107 100

108 85.6 73.2 113.2

77 43.6 10.7 50.7

79 36.9 9.6 49.6





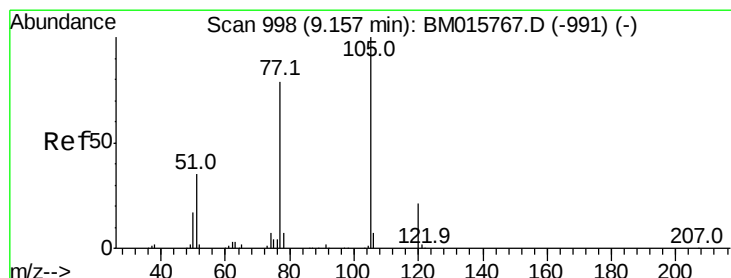
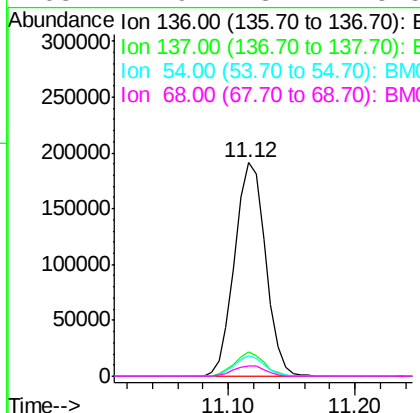
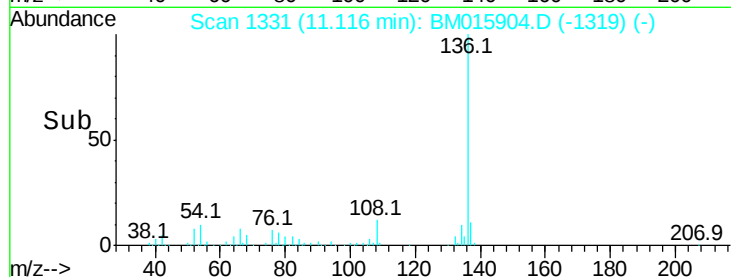
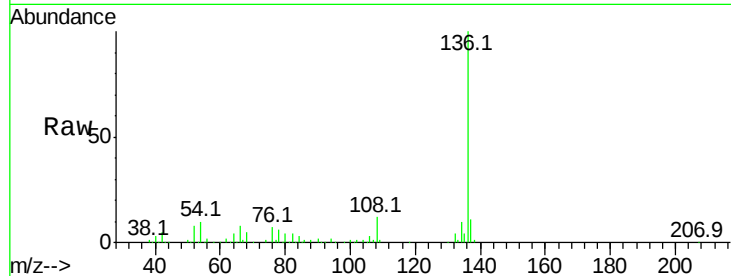
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.12 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.7	13.1	
54	9.7	4.6	6.8#	
68	4.9	3.7	5.5	

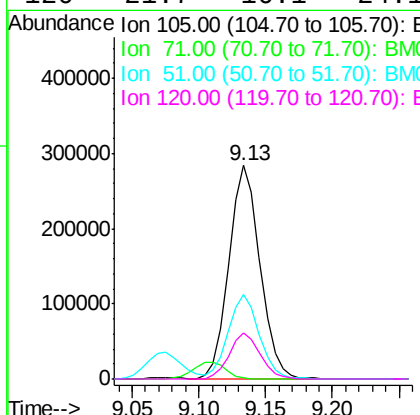
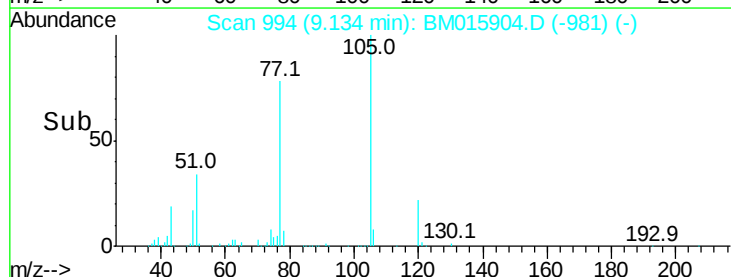
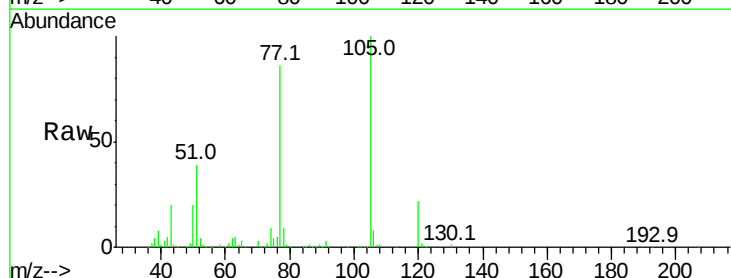
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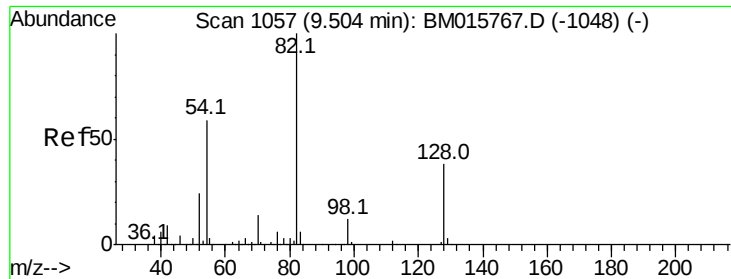
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#22
Acetophenone
Concen: 54.646 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.6	1.0#	
51	39.3	21.6	32.4#	
120	21.7	16.1	24.1	





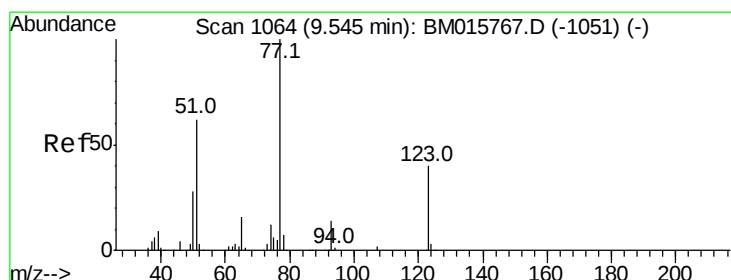
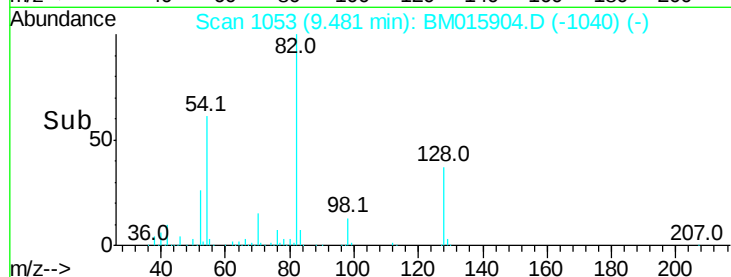
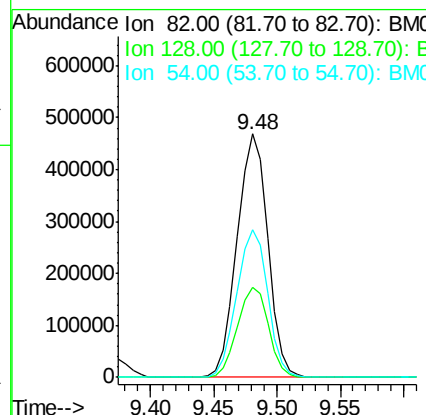
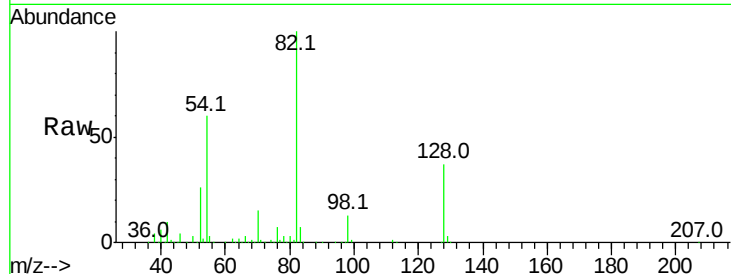
#23
Nitrobenzene-d5
Concen: 54.646 ng
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.1	32.8	49.2
54	60.5	40.6	60.8

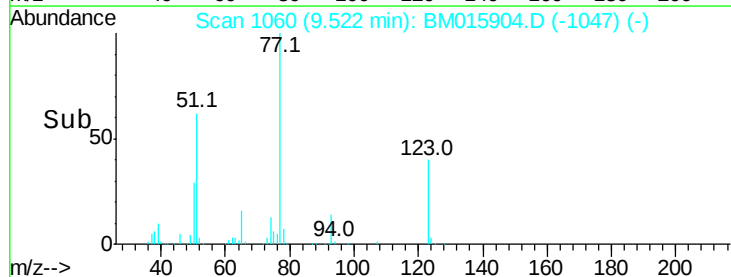
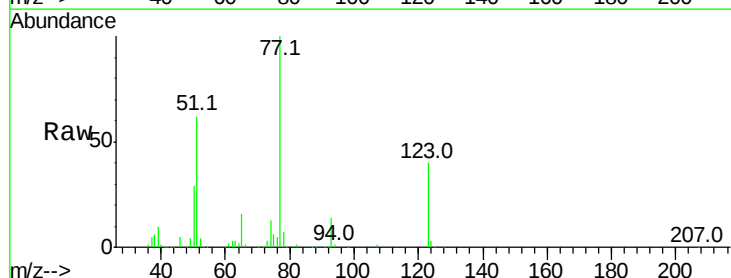
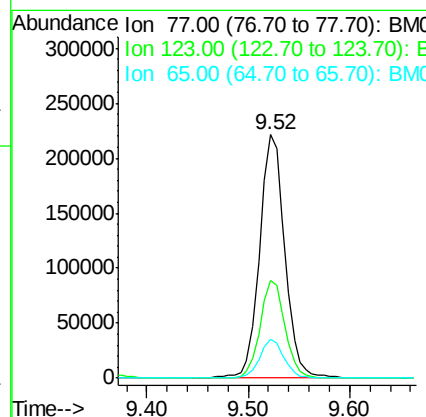
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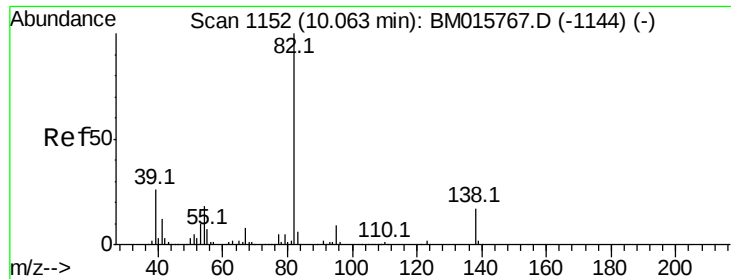
Sohil
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#24
Nitrobenzene
Concen: 59.605 ng
RT: 9.52 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	32.6	49.0
65	15.7	10.9	16.3





#25

Isophorone

Concen: 61.025 ng

RT: 10.04 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

ClientSampleId :

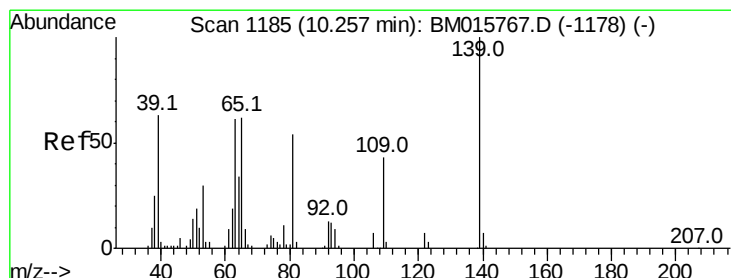
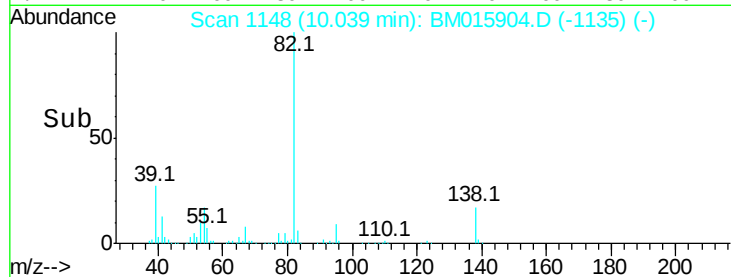
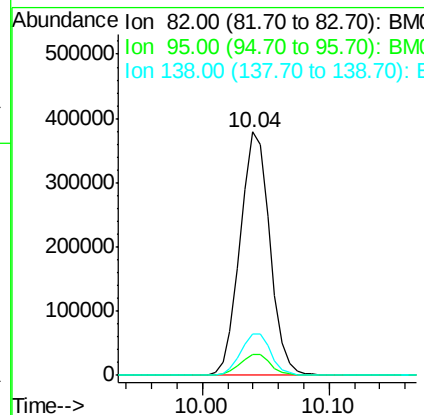
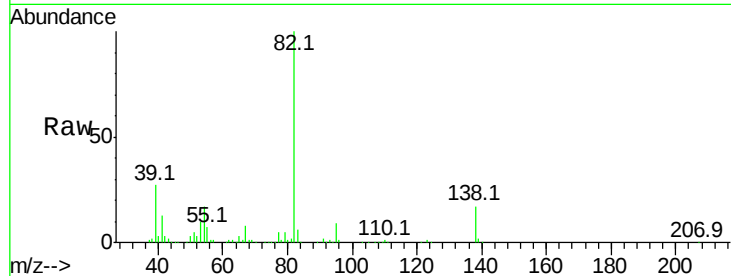
HD-02-071018MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.8	5.8	8.6#	
138	17.2	16.3	24.5	

Manual Integrations
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#26

2-Nitrophenol

Concen: 58.186 ng

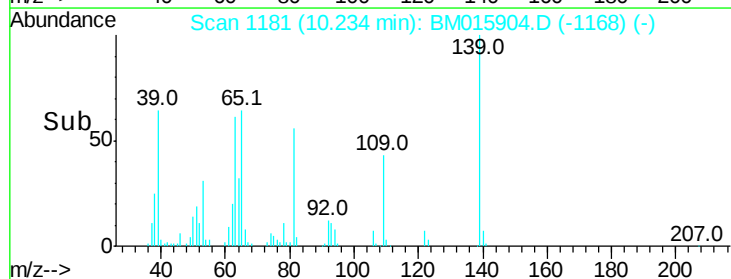
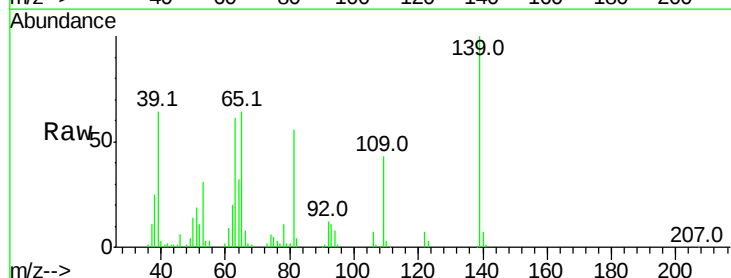
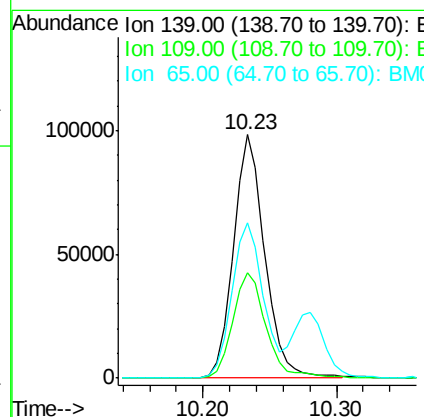
RT: 10.23 min Scan# 1181

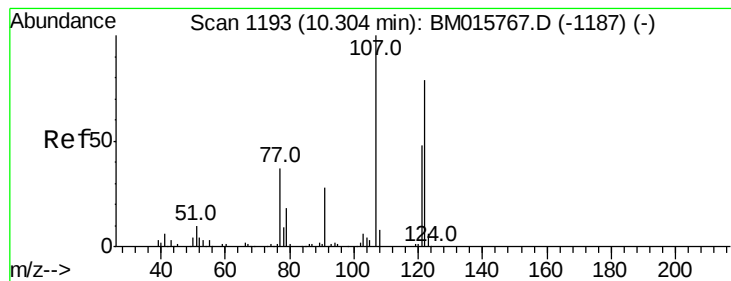
Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	43.1	20.1	30.1#	
65	63.7	31.5	47.3#	





#27

2,4-Dimethylphenol

Concen: 62.894 ng

RT: 10.28 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

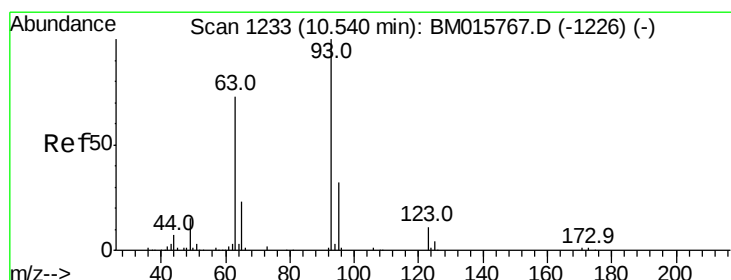
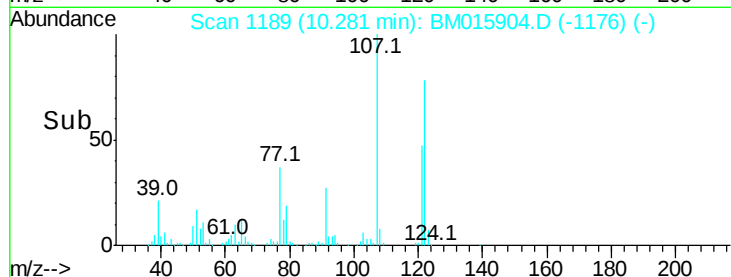
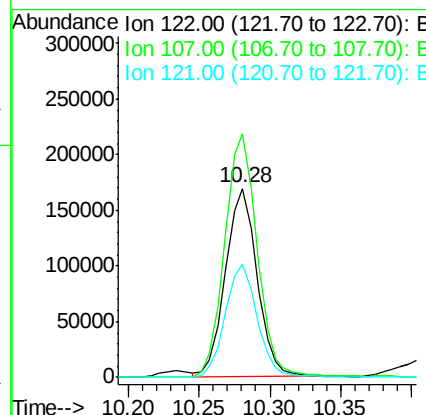
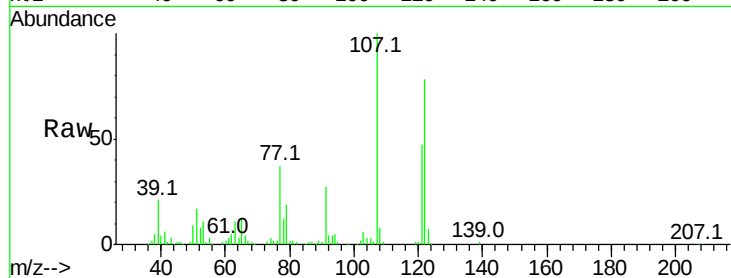
ClientSampleId :

HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.7	84.7	127.1#
121	60.1	46.6	69.8

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#28

bis(2-Chloroethoxy)methane

Concen: 54.890 ng

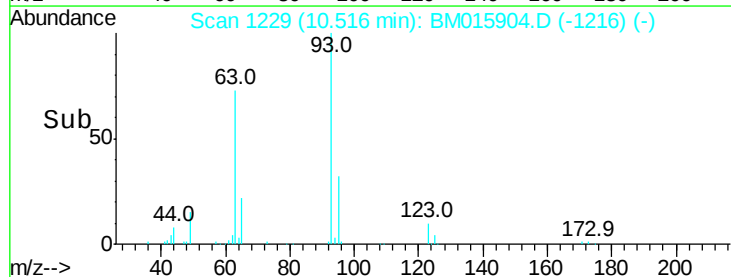
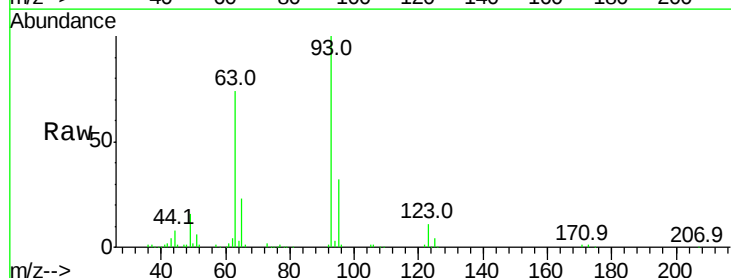
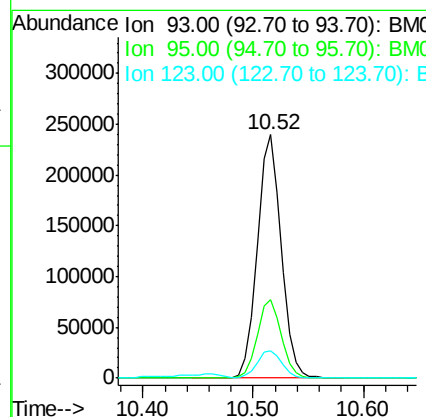
RT: 10.52 min Scan# 1229

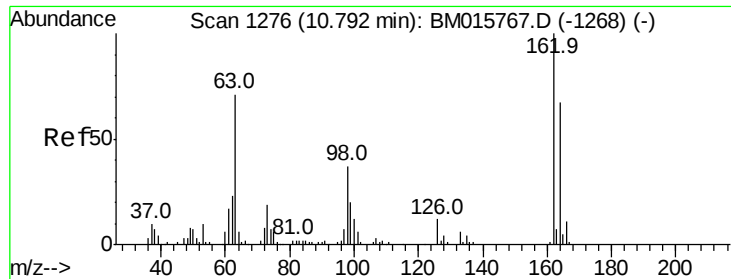
Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	11.2	8.6	13.0





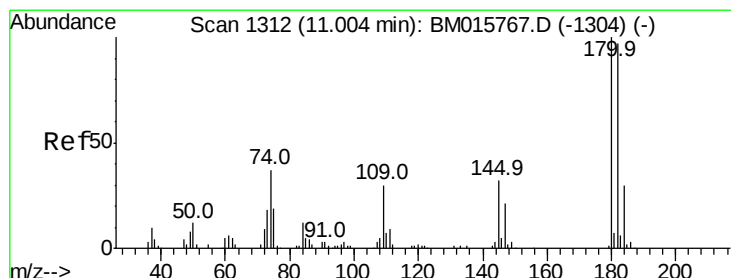
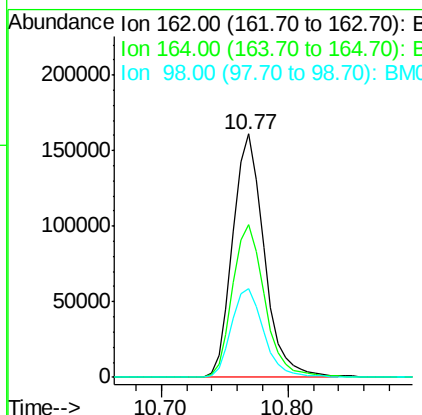
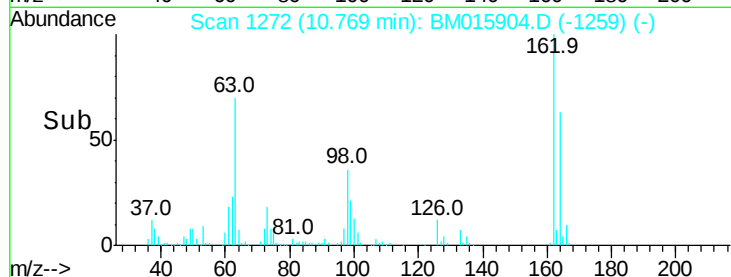
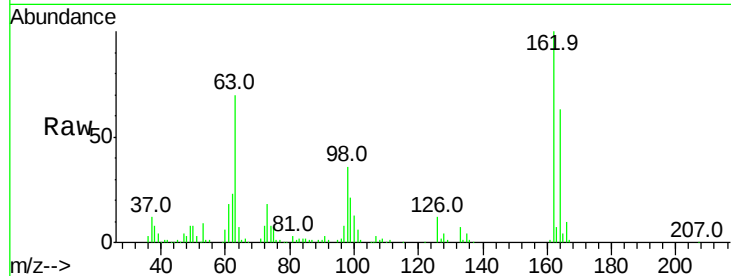
#29
 2,4-Dichlorophenol
 Concen: 59.614 ng
 RT: 10.77 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Tot Ion:	162	Resp:	277968
Ion Ratio	Lower	Upper	
162	100		
164	63.0	42.8	82.8
98	36.3	14.5	54.5

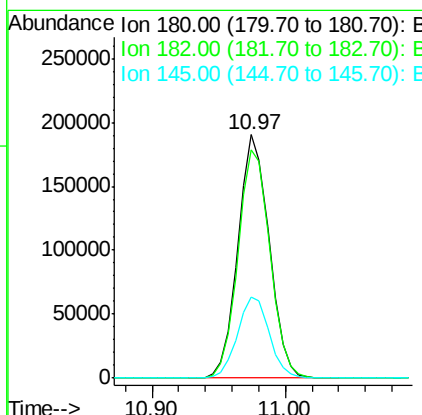
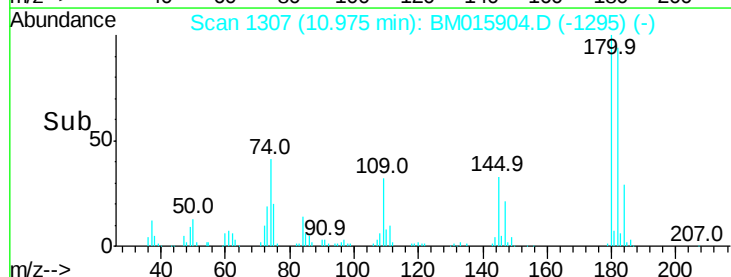
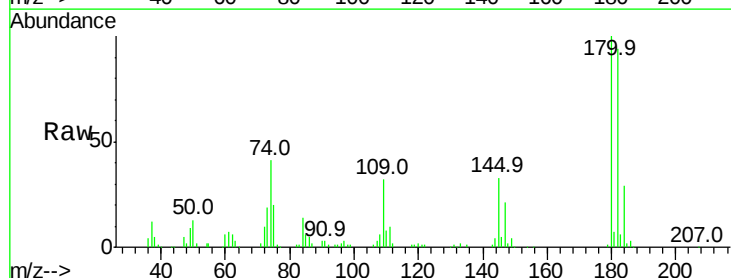
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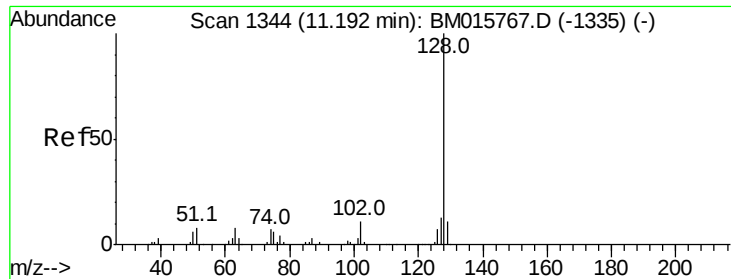
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#30
 1,2,4-Trichlorobenzene
 Concen: 56.780 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Tgt Ion:	180	Resp:	307511
Ion Ratio	Lower	Upper	
180	100		
182	93.9	77.6	116.4
145	33.4	23.4	35.2





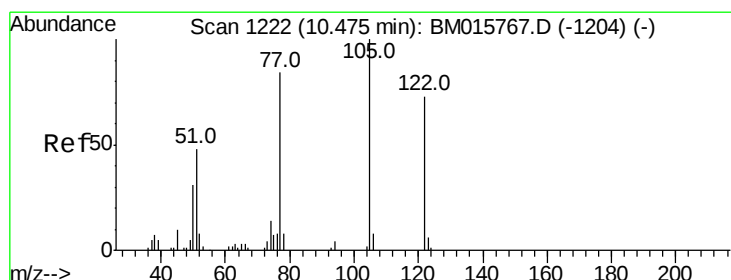
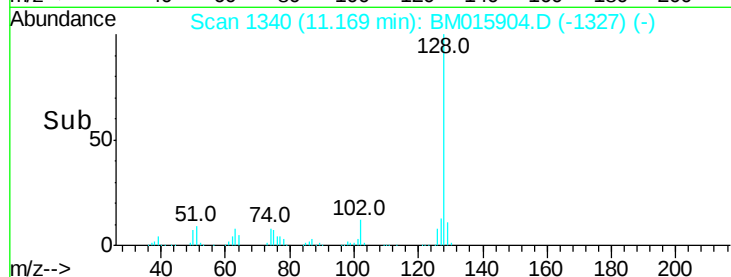
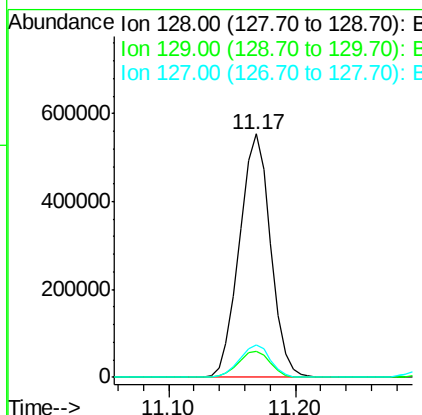
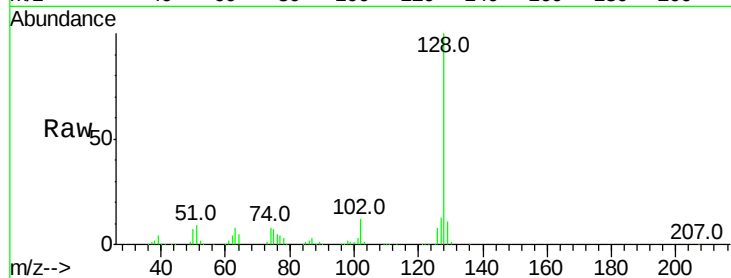
#31
Naphthalene
Concen: 56.575 ng
RT: 11.17 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.4	10.4	15.6

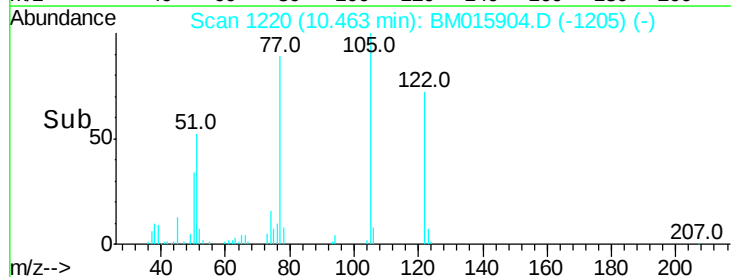
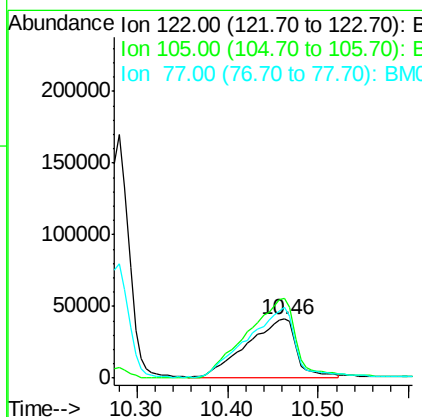
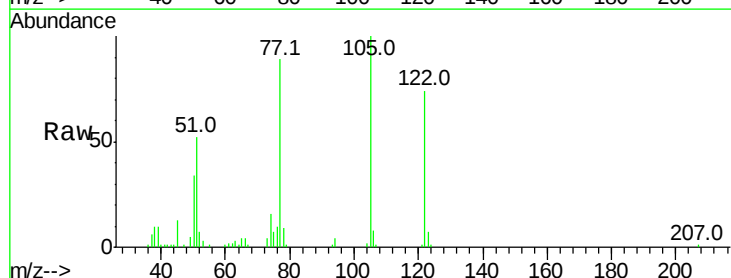
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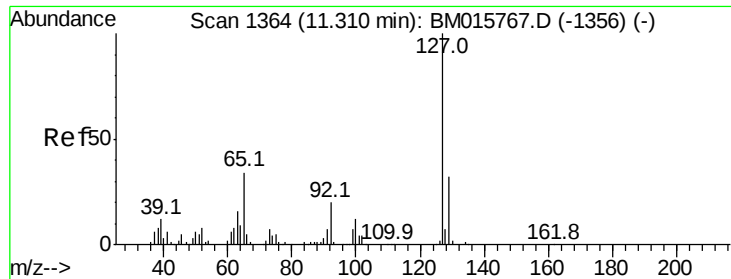
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#32
Benzoic acid
Concen: 41.049 ng
RT: 10.46 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.6	99.9	139.9
77	121.0	73.7	113.7#





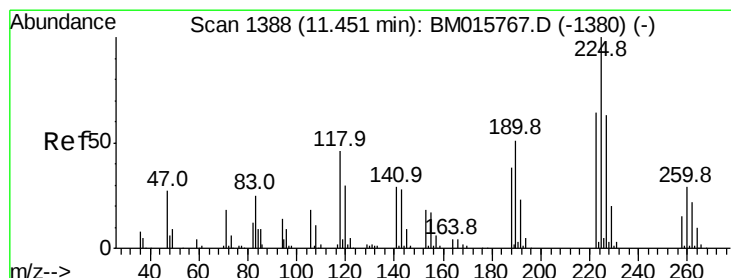
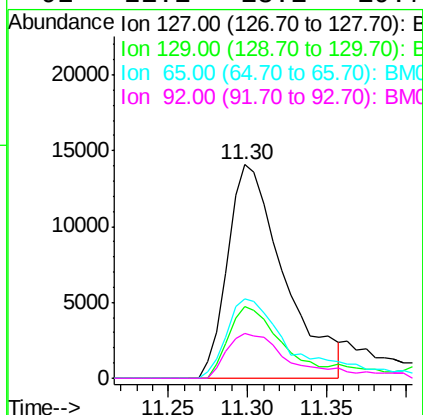
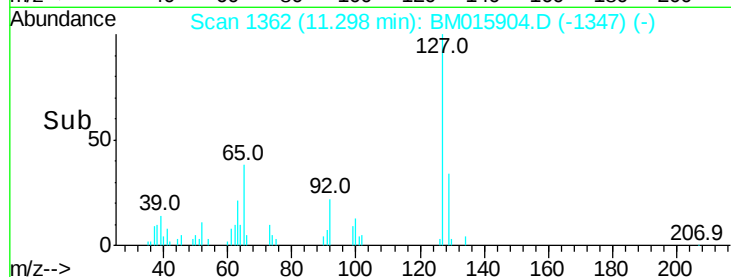
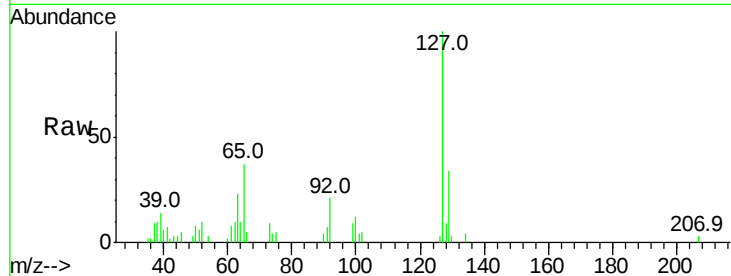
#33
4-Chloroaniline
Concen: 5.102 ng
RT: 11.30 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	25.3	37.9		
65	37.3	17.6	26.4		
92	21.1	13.1	19.7		

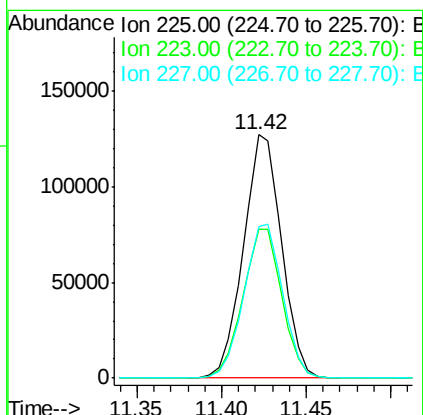
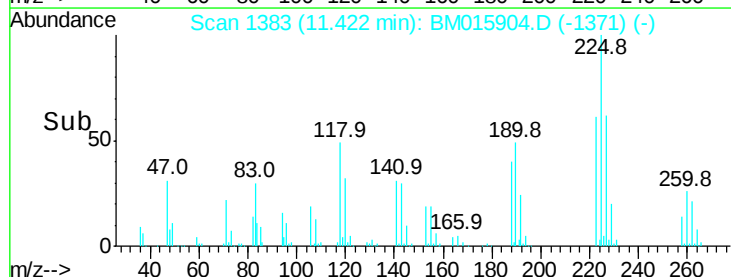
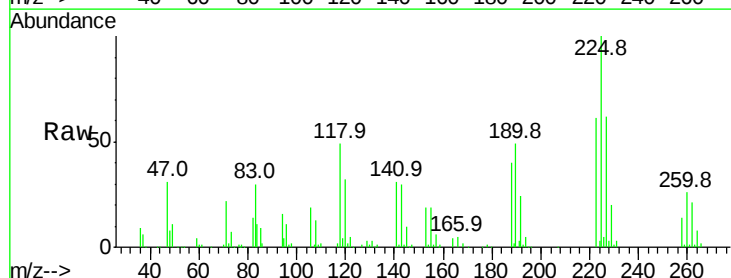
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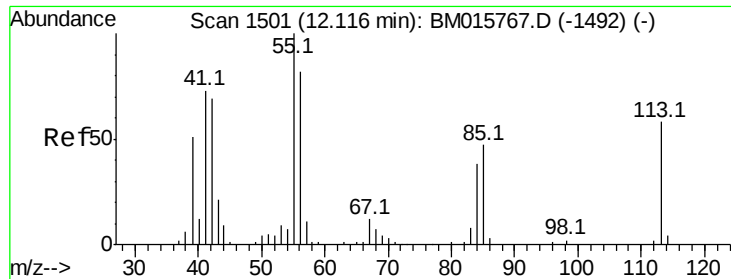
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#34
Hexachlorobutadiene
Concen: 55.466 ng
RT: 11.42 min Scan# 1383
Delta R.T. -0.03 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	47.9	71.9		
227	62.3	50.1	75.1		





#35

Caprolactam

Concen: 38.026 ng/ml

RT: 12.09 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

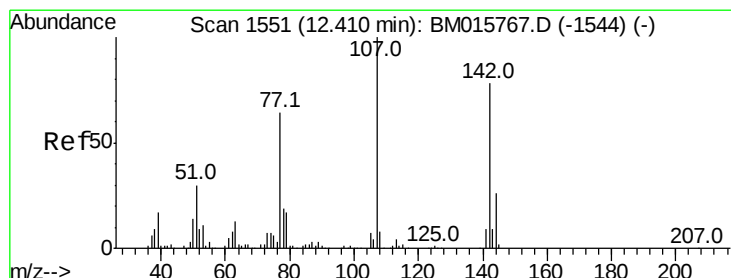
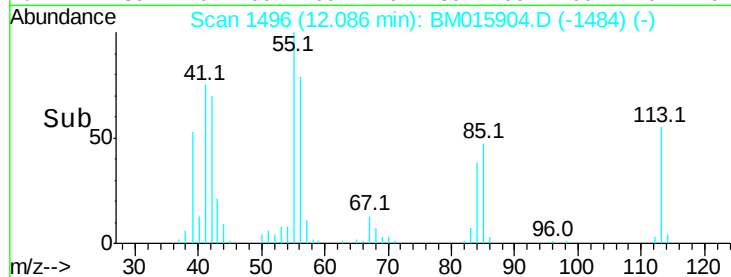
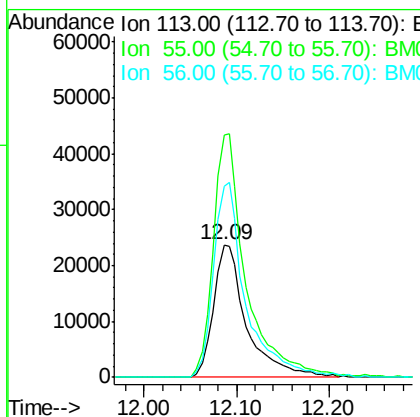
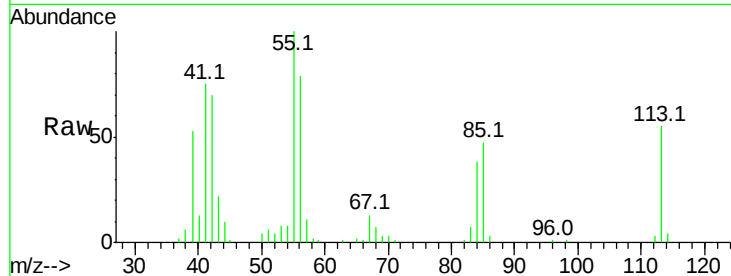
ClientSampleId :

HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	182.8	145.9	185.9
56	144.4	101.0	141.0

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#36

4-Chloro-3-methylphenol

Concen: 53.526 ng/ml

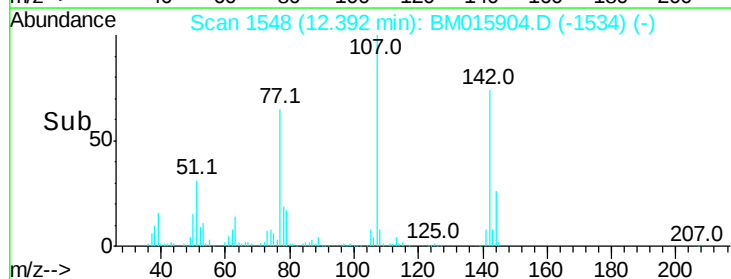
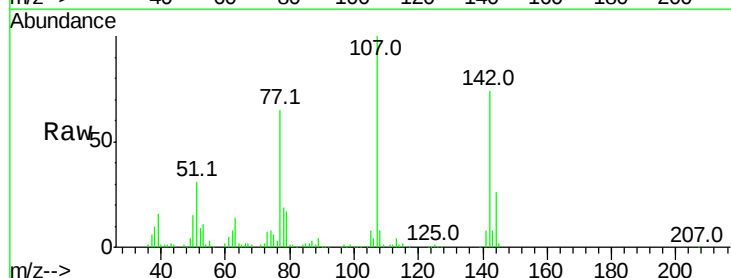
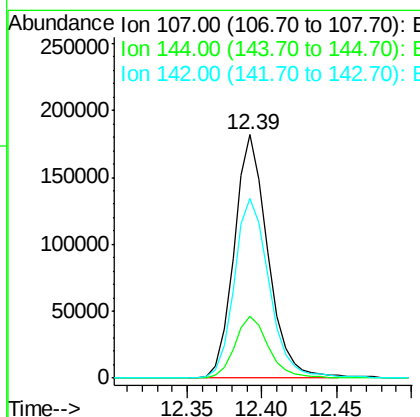
RT: 12.39 min Scan# 1548

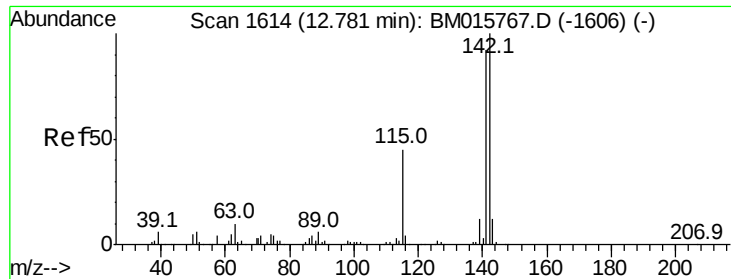
Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	23.3	34.9
142	73.9	72.6	109.0





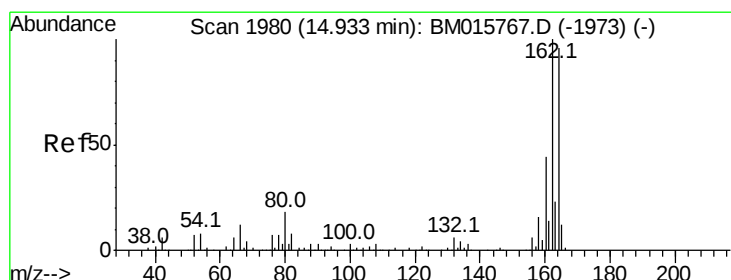
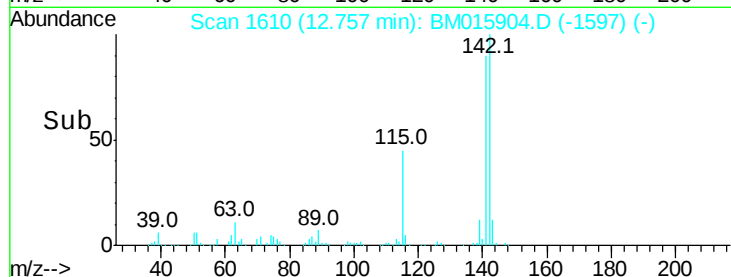
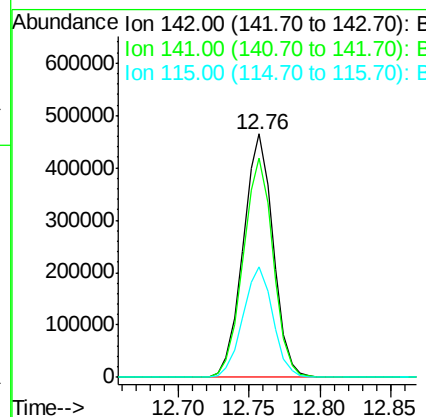
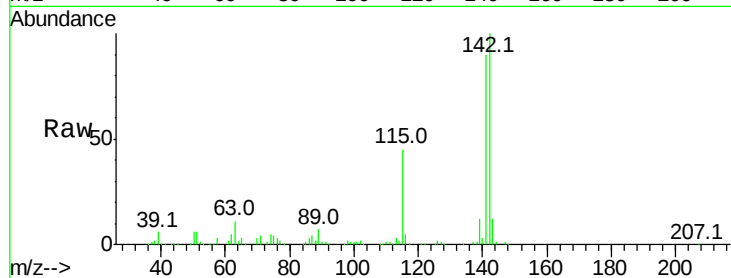
#37
2-Methylnaphthalene
Concen: 58.072 ng
RT: 12.76 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
115	45.2	25.4	38.0

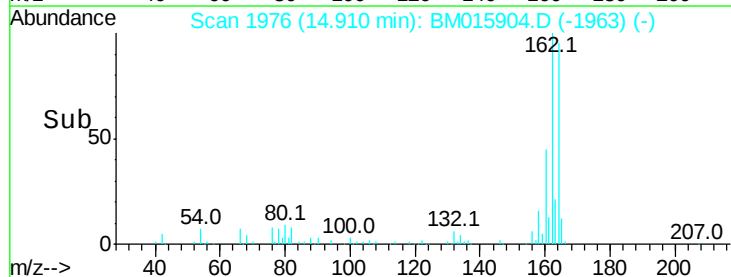
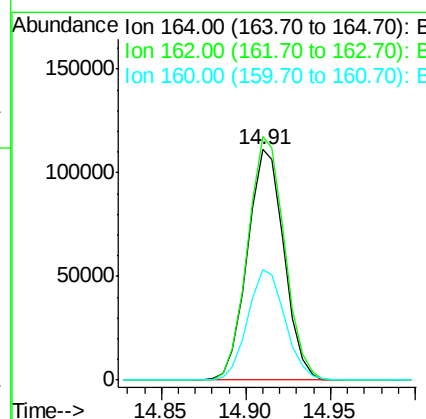
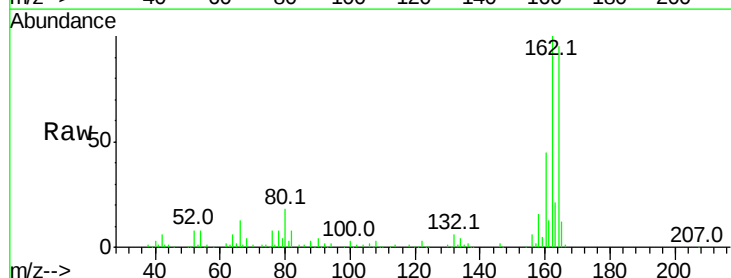
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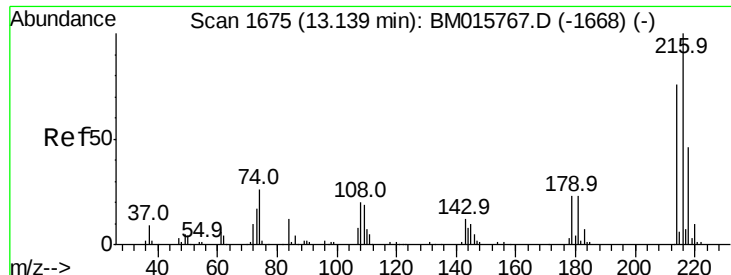
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.4	123.6
160	48.0	35.8	53.6





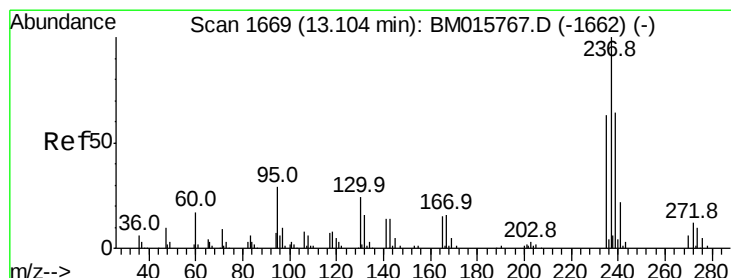
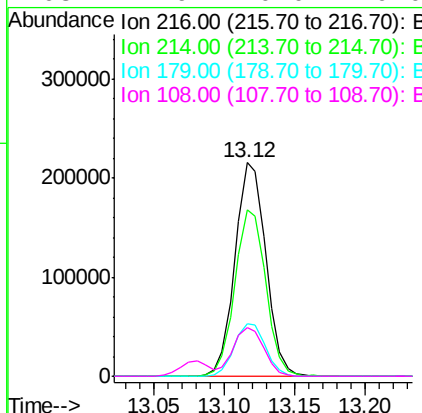
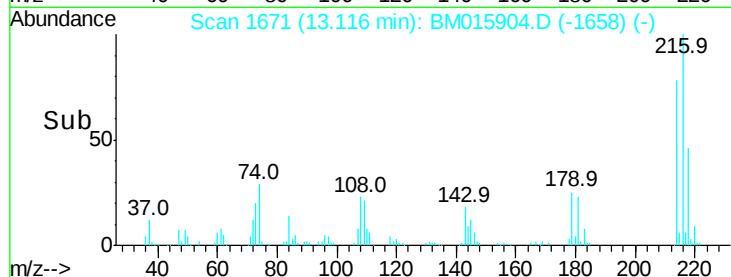
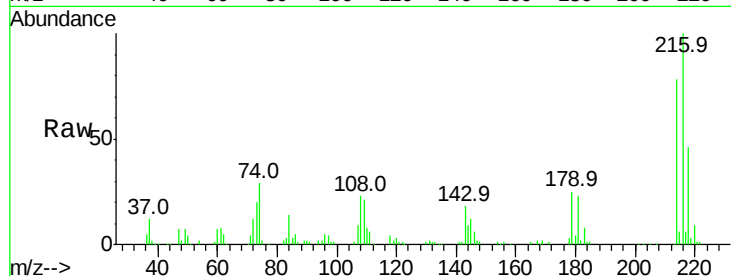
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 61.117 ng
 RT: 13.12 min Scan# 1671
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	0.0	0.0	0.0
179	24.9	0.0	0.0	0.0
108	22.9	0.0	0.0	0.0

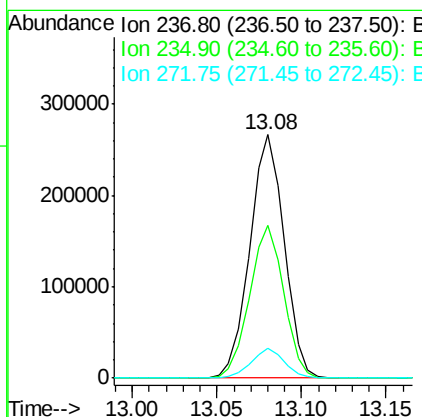
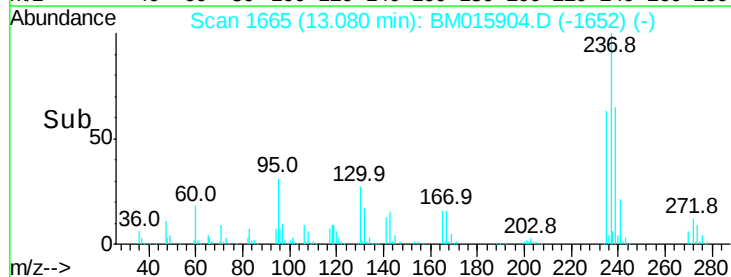
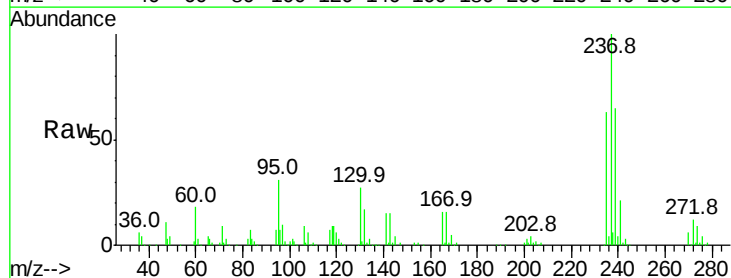
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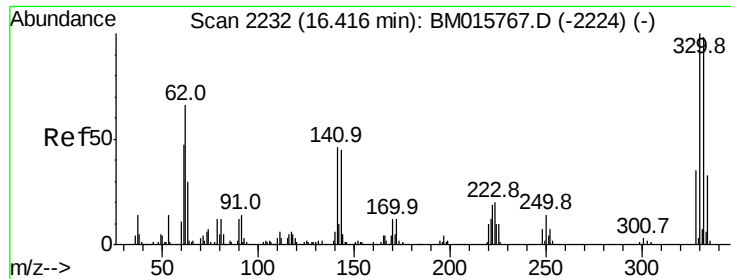
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#40
 Hexachlorocyclopentadiene
 Concen: 142.075 ng
 RT: 13.08 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.8	42.0	82.0	
272	12.0	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 142.075 ng

RT: 16.39 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

ClientSampleId :

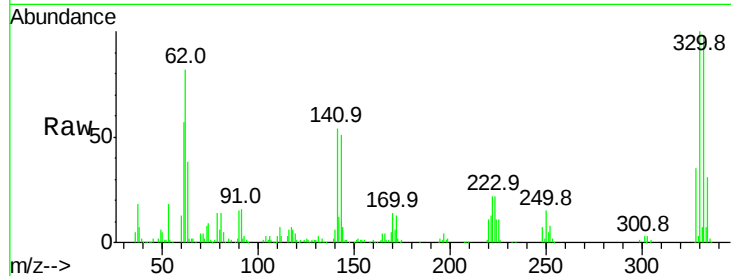
HD-02-071018MS

Tot Ion:	330	Resp:	360476
Ion Ratio	Lower	Upper	
330	100		
332	97.0	0.0	0.0#
141	53.7	0.0	0.0#

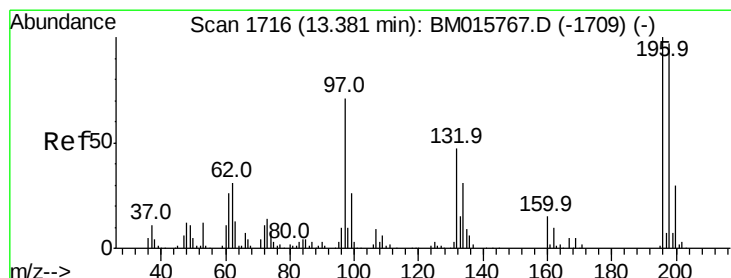
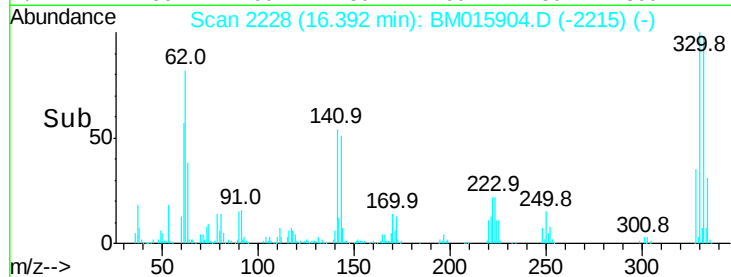
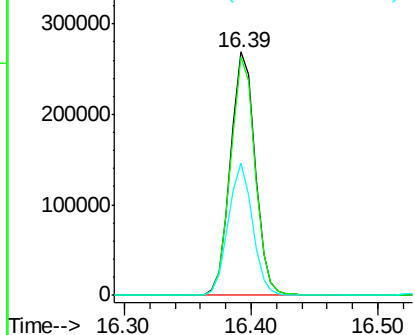
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 59.434 ng

RT: 13.36 min Scan# 1713

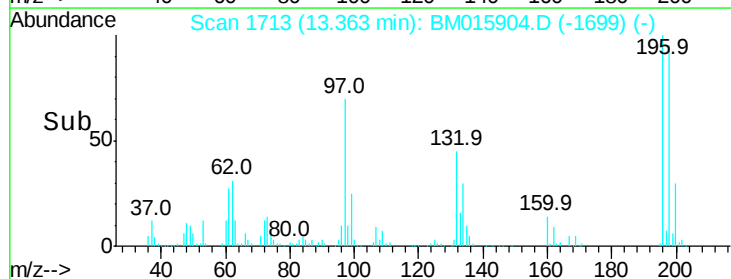
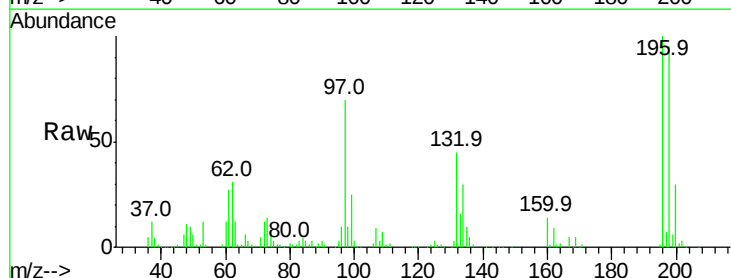
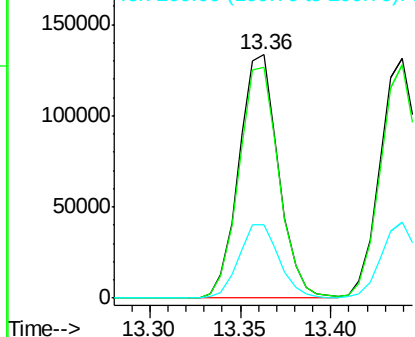
Delta R.T. -0.02 min

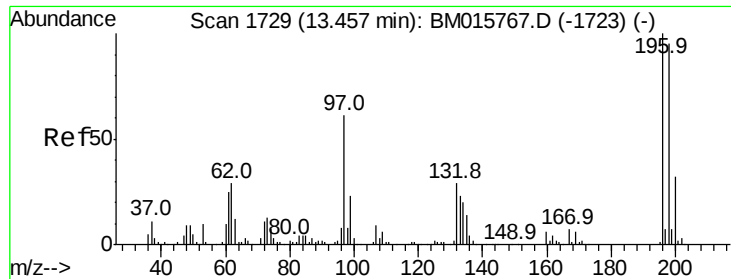
Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion:	196	Resp:	202180
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.3	114.5
200	30.2	25.6	38.4

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





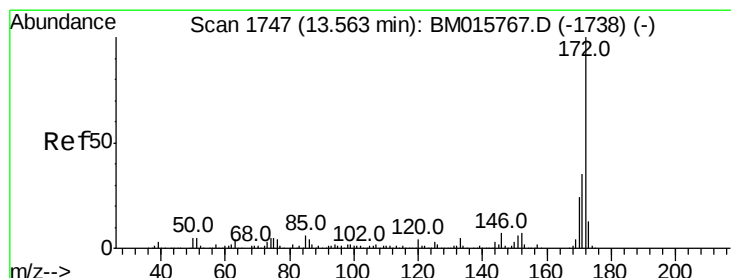
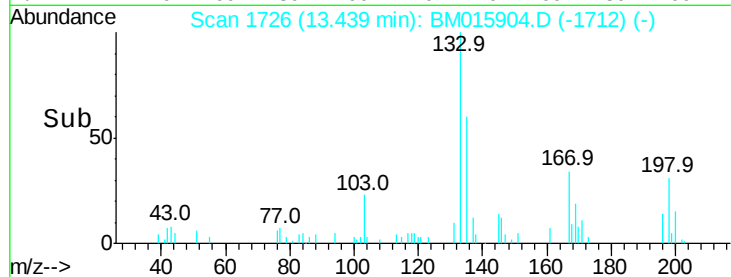
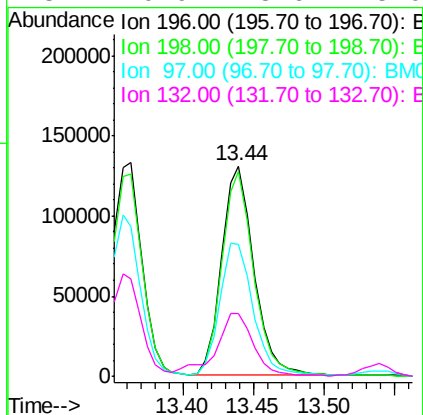
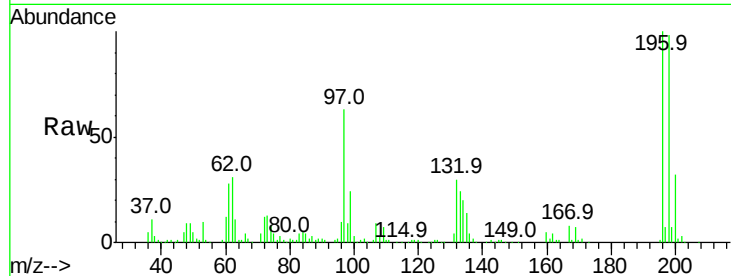
#43
 2,4,5-Trichlorophenol
 Concen: 56.064 ng
 RT: 13.44 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Tot Ion	196	Resp	206019
Ion Ratio	Lower	Upper	
196	100		
198	97.6	79.4	119.0
97	62.9	26.8	40.2#
132	29.9	18.6	28.0#

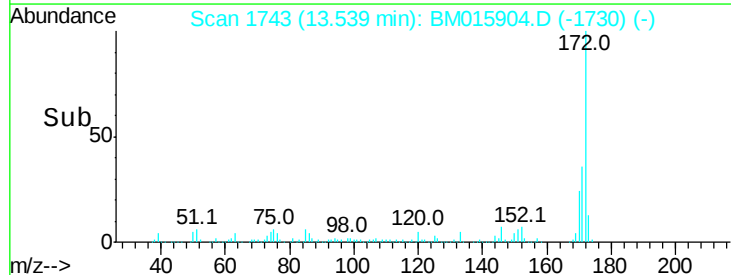
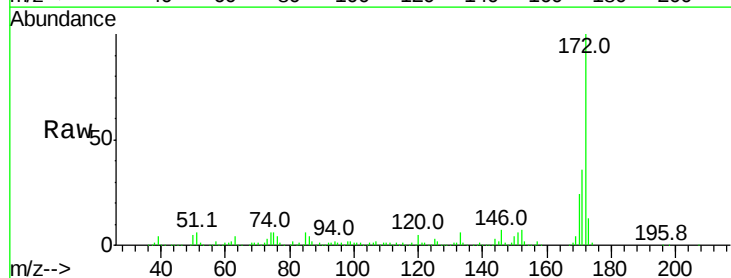
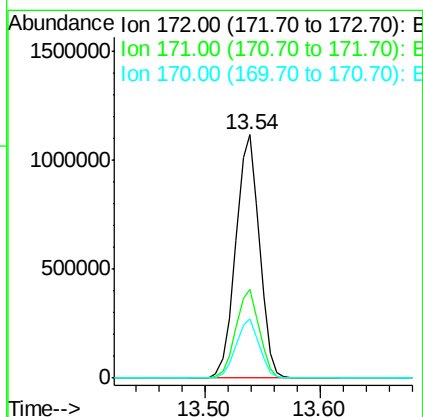
Manual Integrations
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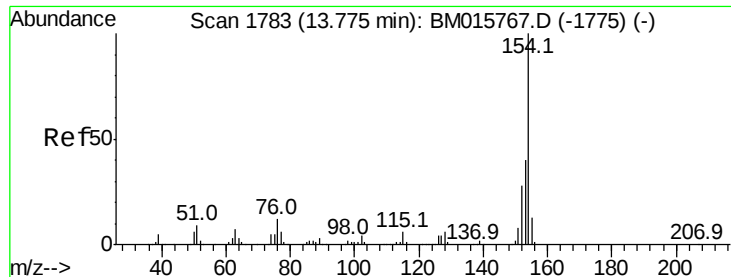
Sohil
 7/12/2018 6:47:03 PM



#44
 2-Fluorobiphenyl
 Concen: 56.064 ng
 RT: 13.54 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Tgt Ion	172	Resp	1579447
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.5	42.7
170	24.2	18.8	28.2





#45

1,1'-Biphenyl

Concen: 58.590 ng

RT: 13.75 min Scan# 1779

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

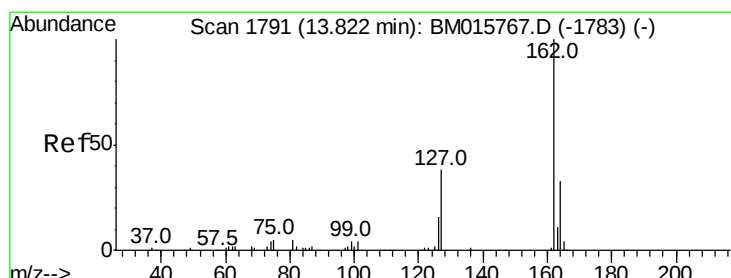
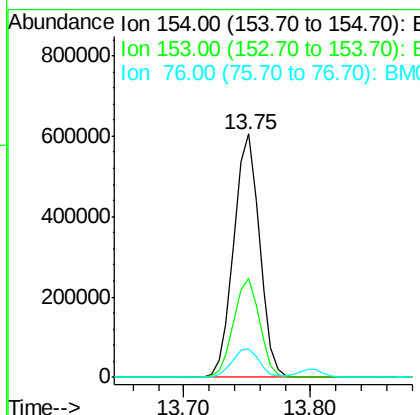
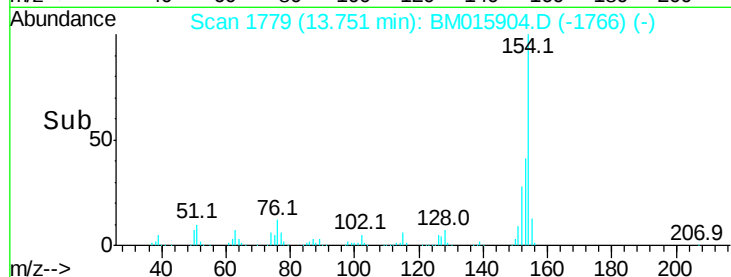
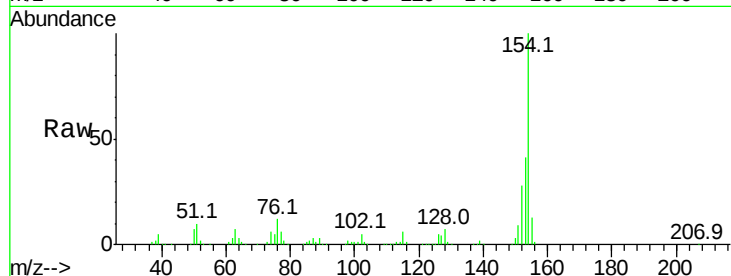
ClientSampleId :

HD-02-071018MS

Tot Ion:	154	Resp:	849379
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.7	60.7
76	12.0	0.0	30.9

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 60.851 ng

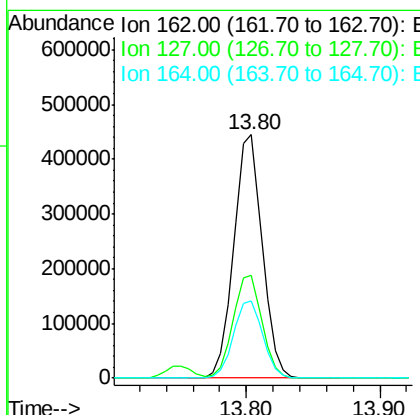
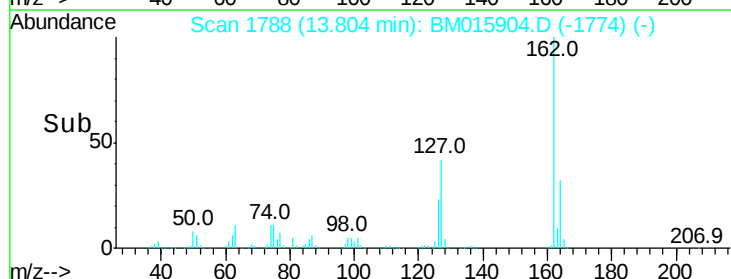
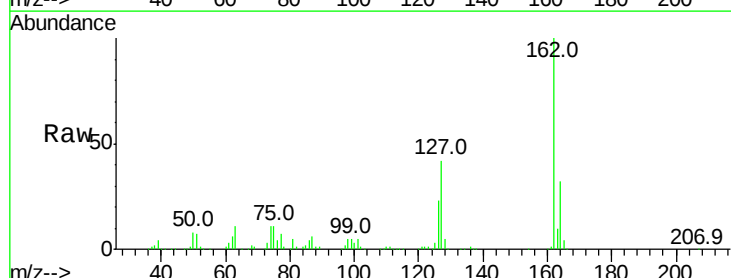
RT: 13.80 min Scan# 1788

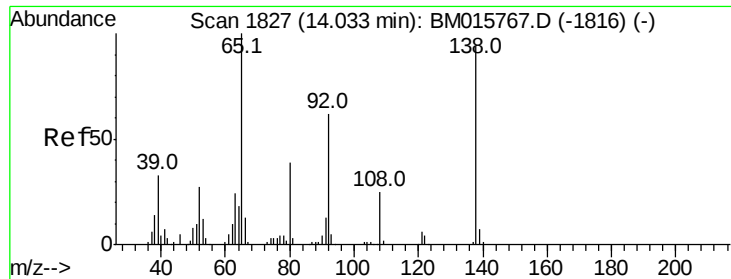
Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion:	162	Resp:	659567
Ion Ratio	Lower	Upper	
162	100		
127	42.0	26.9	40.3#
164	31.7	26.8	40.2





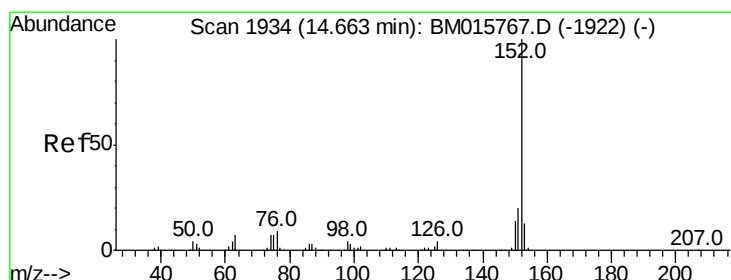
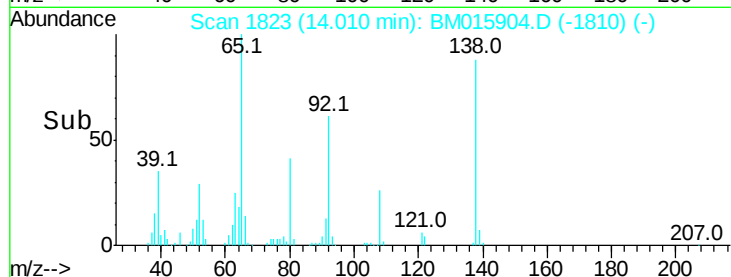
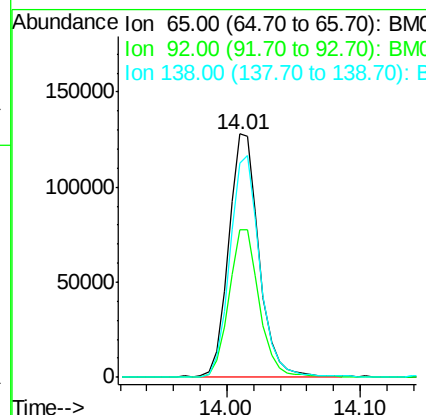
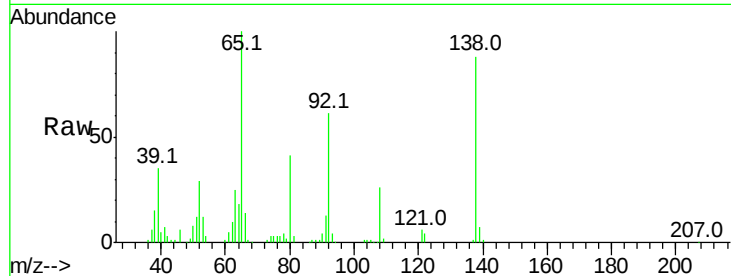
#47
2-Nitroaniline
Concen: 54.109 ng
RT: 14.01 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.6	59.1	88.7
138	88.0	93.9	140.9

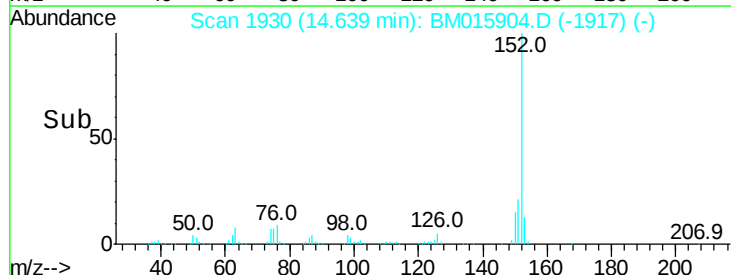
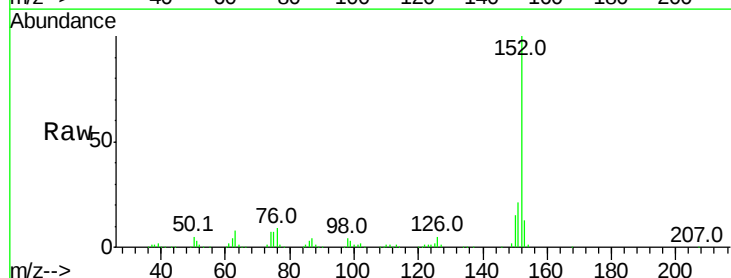
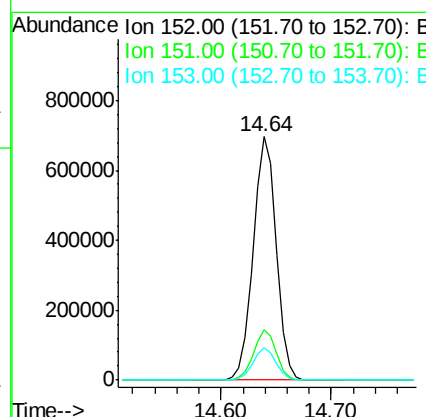
Manual Integrations
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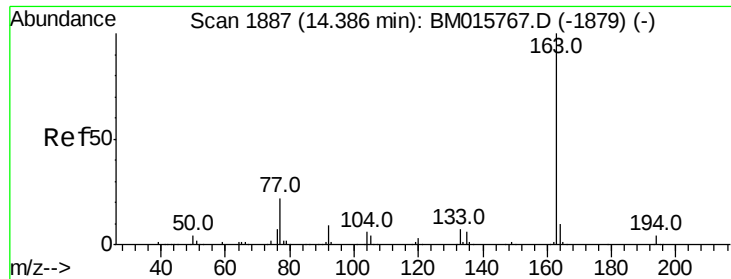
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#48
Acenaphthylene
Concen: 57.907 ng
RT: 14.64 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	13.3	10.6	16.0





#49

Dimethylphthalate

Concen: 52.372 ng

RT: 14.36 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

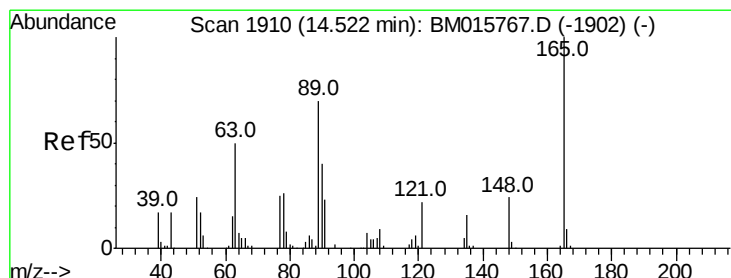
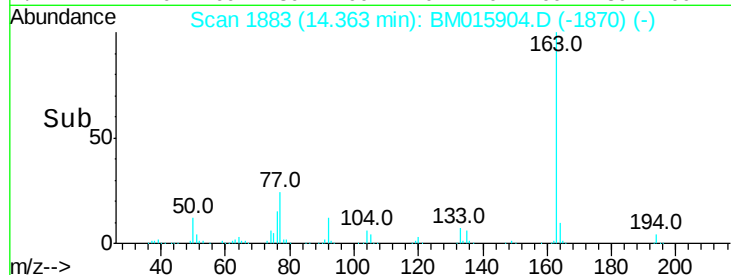
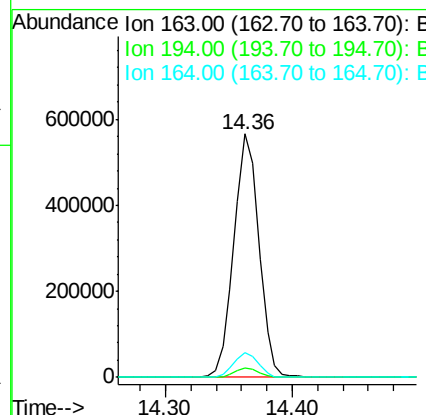
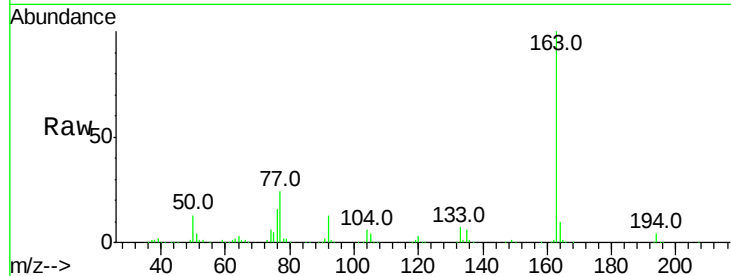
ClientSampleId :

HD-02-071018MS

Tot Ion:	163	Resp:	774453
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 55.646 ng

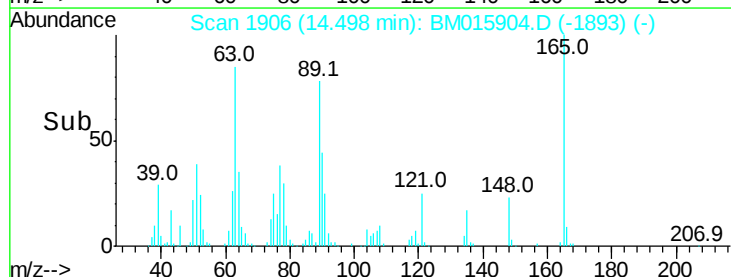
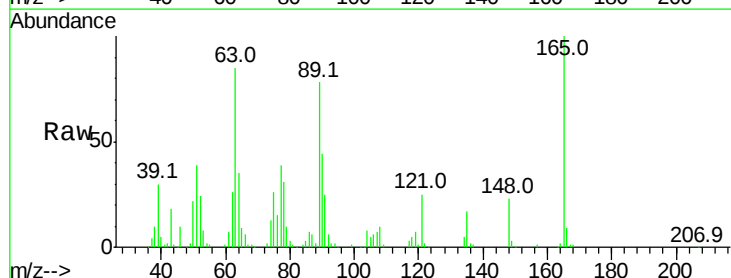
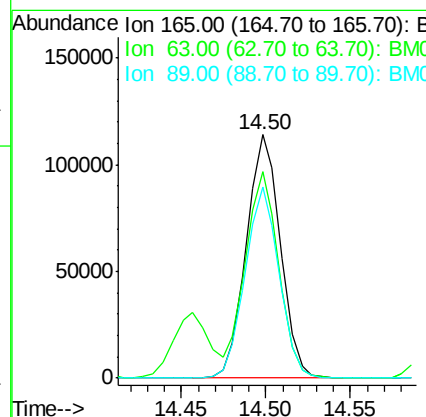
RT: 14.50 min Scan# 1906

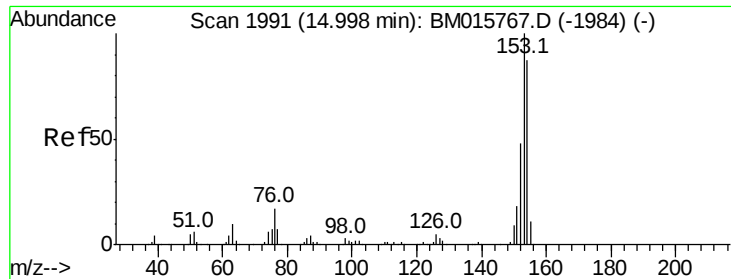
Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion:	165	Resp:	160442
Ion Ratio	Lower	Upper	
165	100		
63	84.9	44.1	66.1#
89	78.3	44.3	66.5#





#51

Acenaphthene

Concen: 54.162 ng

RT: 14.97 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

ClientSampleId :

HD-02-071018MS

Tot Ion:154 Resp: 594266

Ion Ratio Lower Upper

154 100

153 115.7 90.0 135.0

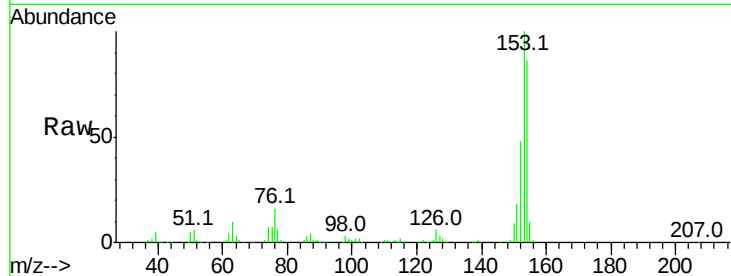
152 55.0 42.6 63.8

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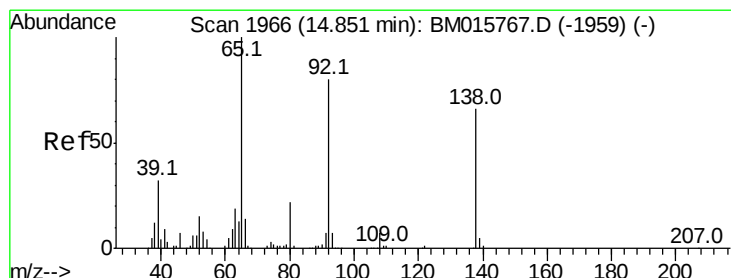
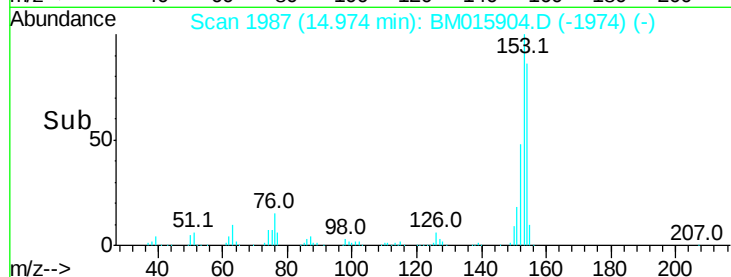
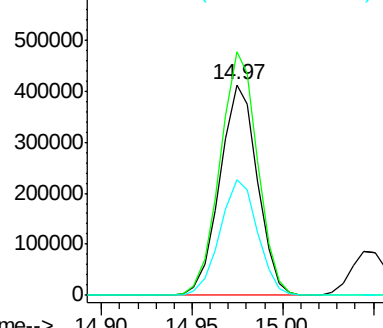
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.935 ng

RT: 14.83 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

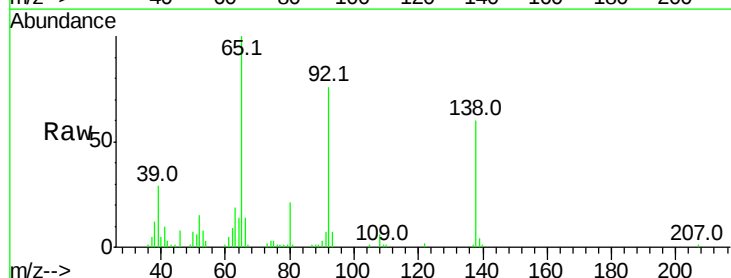
Tgt Ion:138 Resp: 50288

Ion Ratio Lower Upper

138 100

108 9.6 7.3 10.9

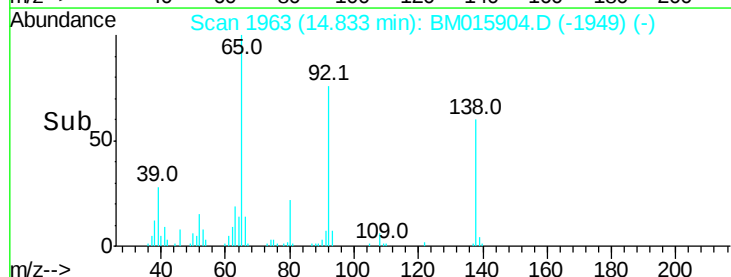
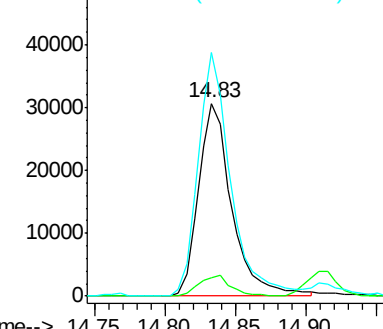
92 126.1 76.6 114.8#

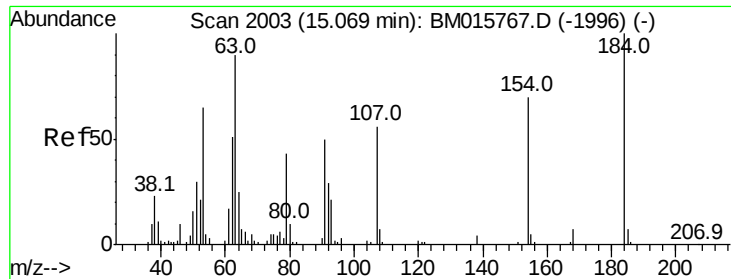


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





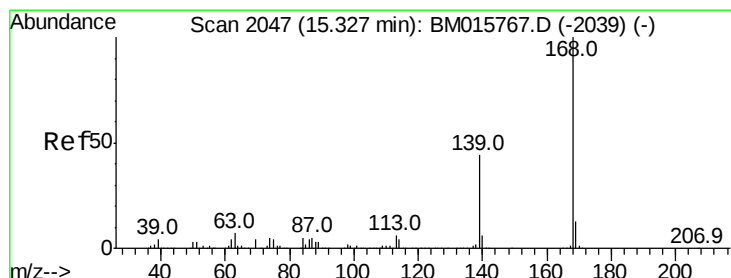
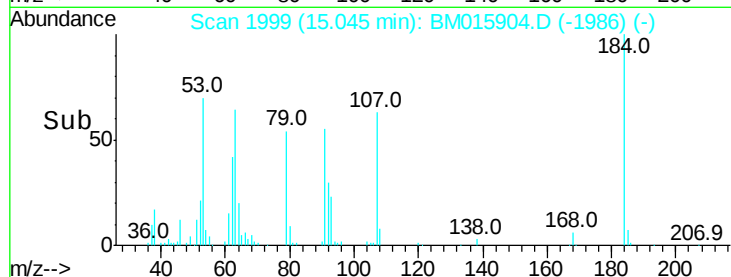
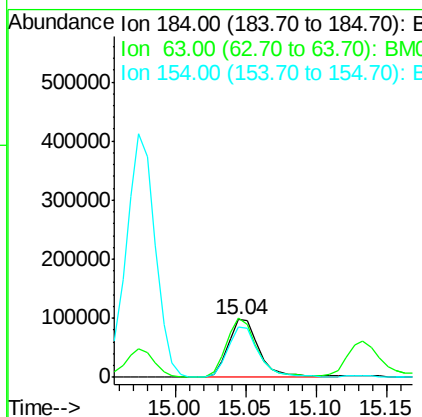
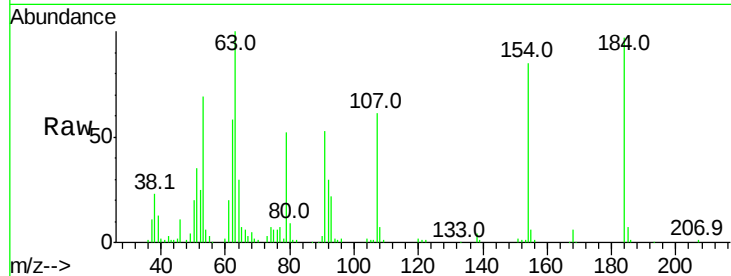
#53
2,4-Dinitrophenol
Concen: 102.742 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	103.0	69.2	103.8	
154	87.9	53.3	79.9#	

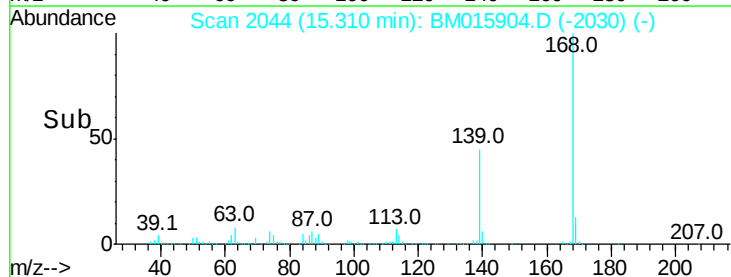
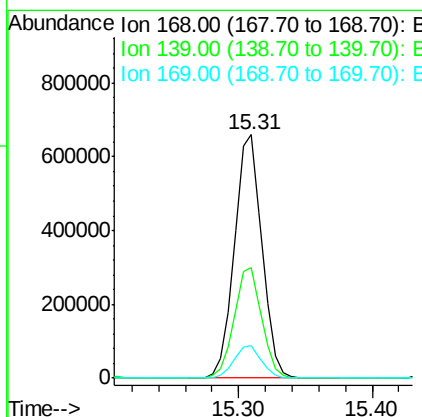
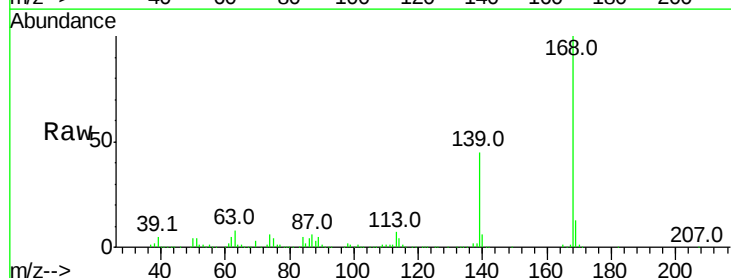
Manual Integrations
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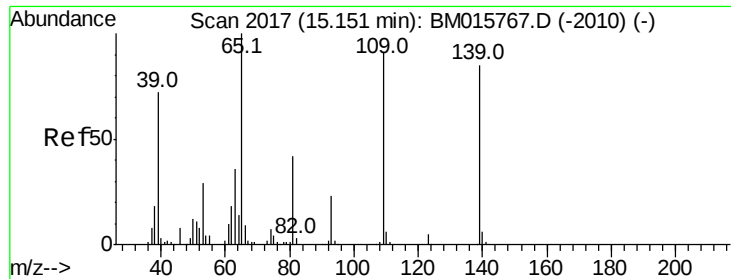
Sohil
7/12/2018 6:47:03 PM



#54
Dibenzofuran
Concen: 55.617 ng
RT: 15.31 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	45.4	27.3	40.9#	
169	13.4	10.6	16.0	





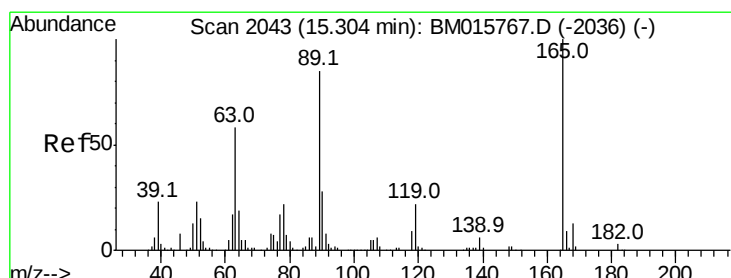
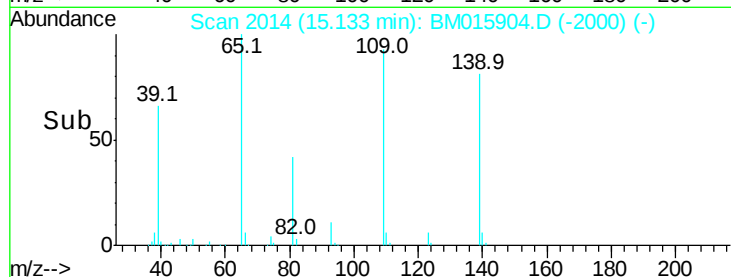
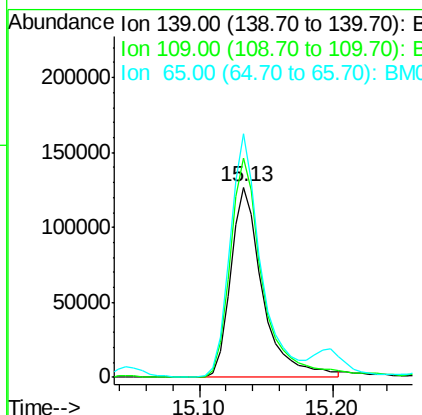
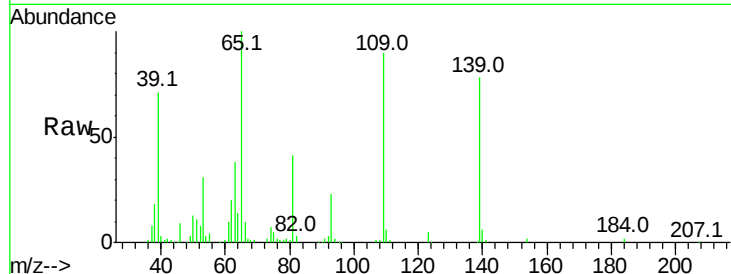
#55
4-Nitrophenol
Concen: 91.397 ng
RT: 15.13 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion:139 Resp: 212873
Ion Ratio Lower Upper
139 100
109 115.0 130.0 170.0#
65 128.0 130.0 170.0#

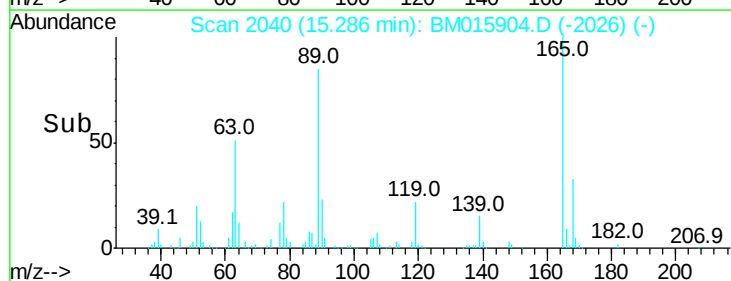
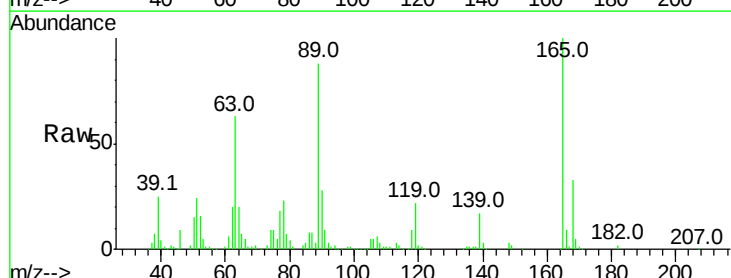
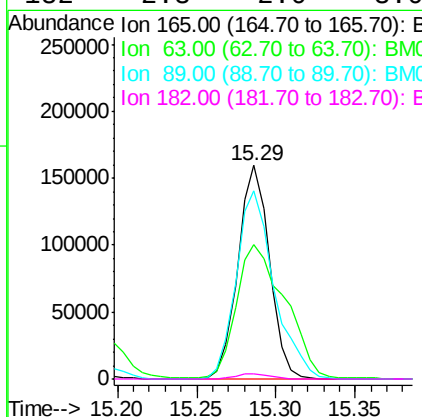
Manual Integrations
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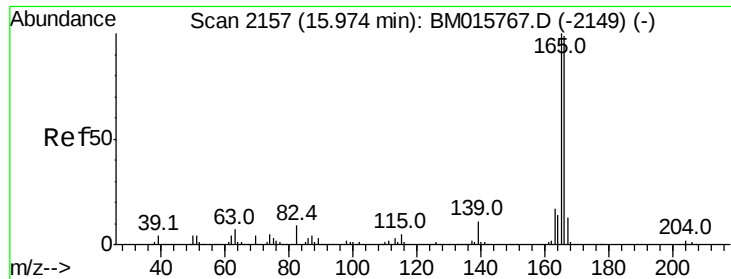
Sohil
7/12/2018 6:47:03 PM



#56
2,4-Dinitrotoluene
Concen: 52.893 ng
RT: 15.29 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion:165 Resp: 220173
Ion Ratio Lower Upper
165 100
63 63.1 52.4 78.6
89 88.2 72.4 108.6
182 2.3 2.0 3.0





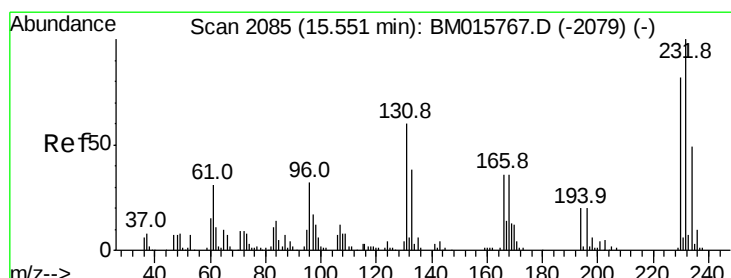
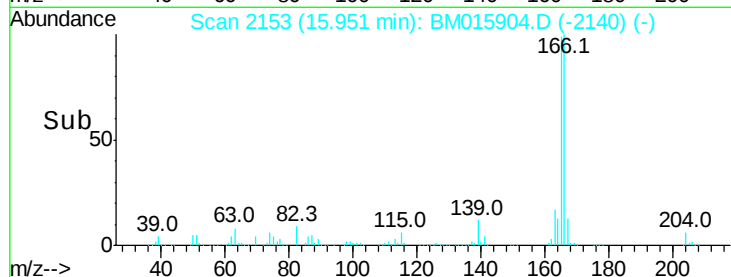
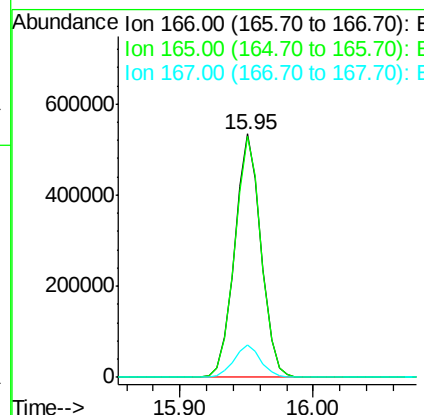
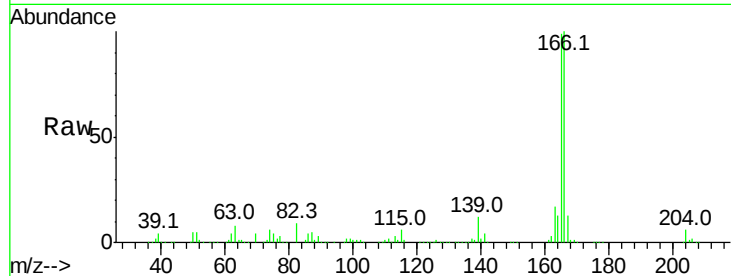
#57
 Fluorene
 Concen: 52.476 ng
 RT: 15.95 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.2	79.0	118.4	
167	13.5	10.3	15.5	

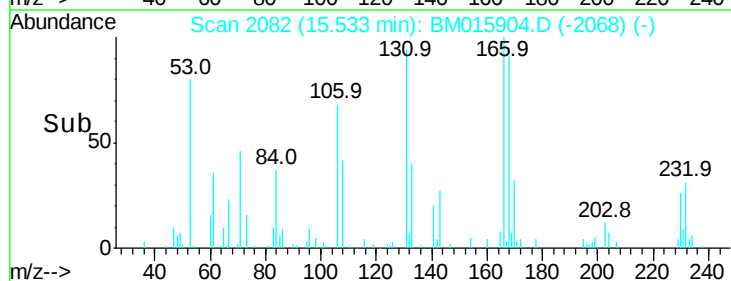
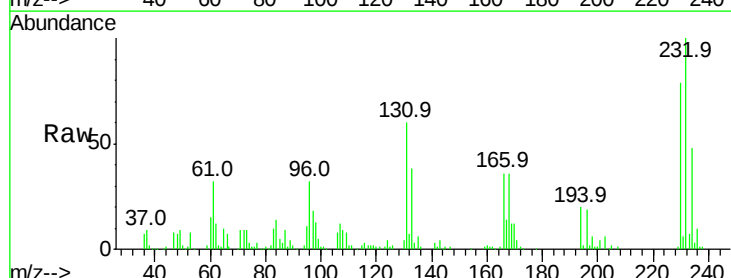
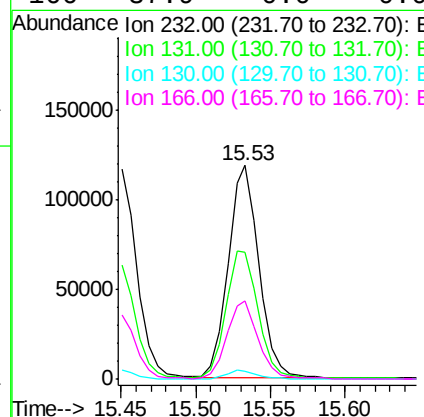
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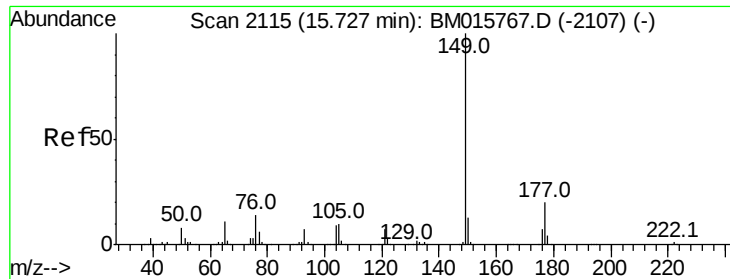
Sohil
 7/12/2018 6:47:03 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.855 ng
 RT: 15.53 min Scan# 2082
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	62.7	0.0	0.0#	
130	4.0	0.0	0.0#	
166	37.9	0.0	0.0#	





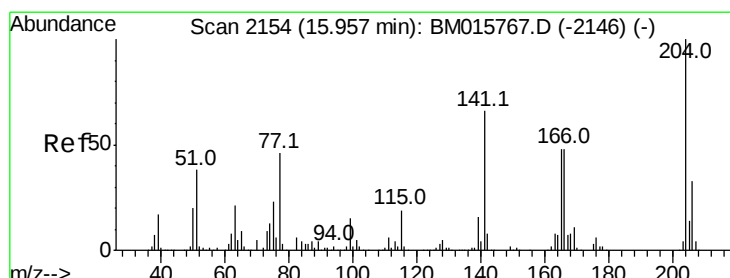
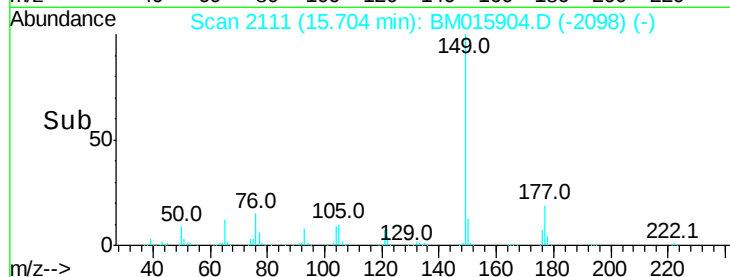
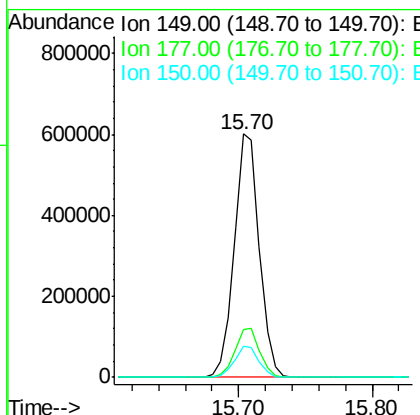
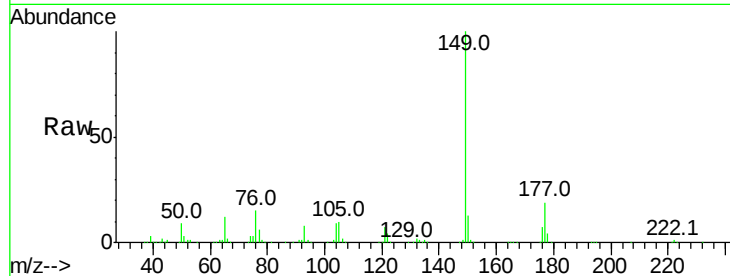
#59
Diethylphthalate
Concen: 49.401 ng
RT: 15.70 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	782845		
177	19.4	18.3	27.5	
150	12.8	9.8	14.8	

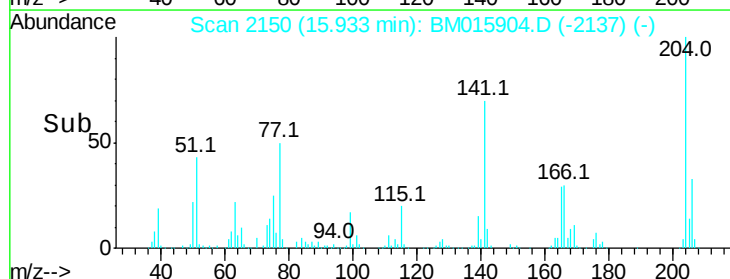
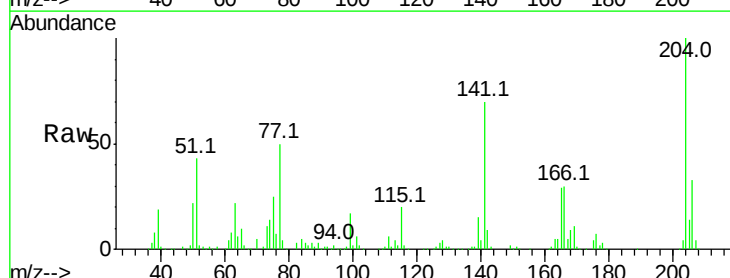
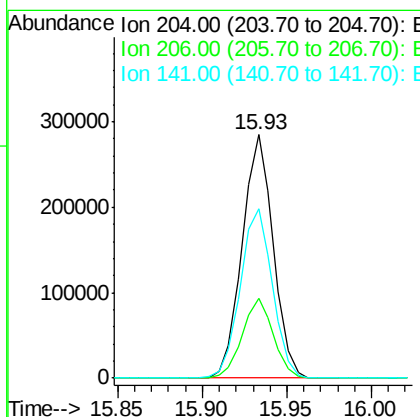
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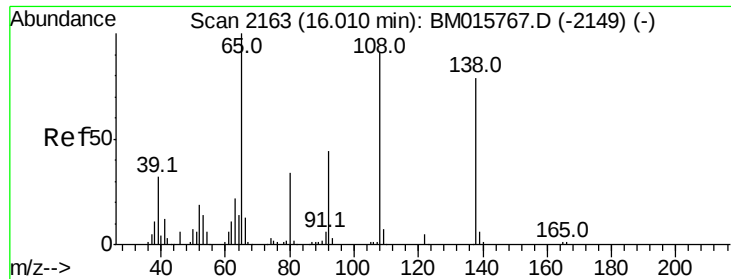
Sohil
7/12/2018 6:47:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.941 ng
RT: 15.93 min Scan# 2150
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	365452		
206	32.6	26.6	39.8	
141	69.6	45.2	67.8	





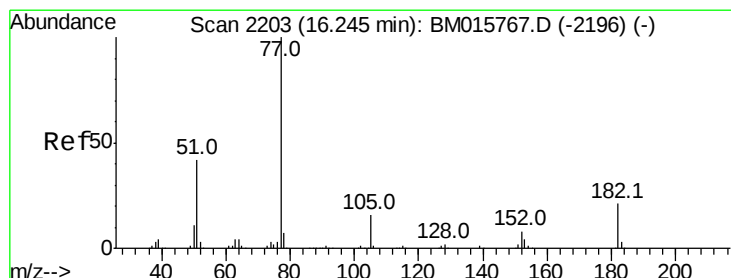
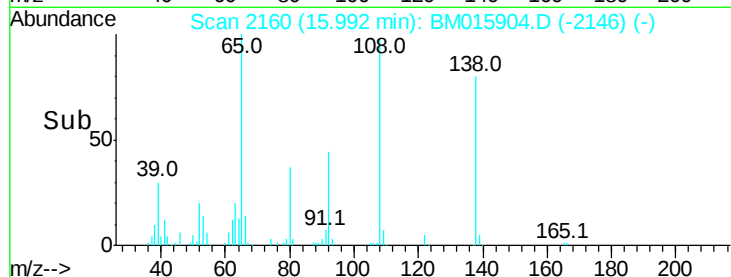
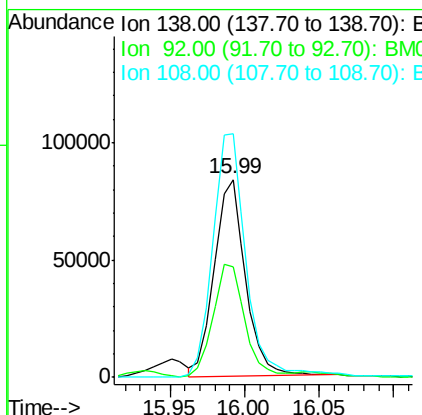
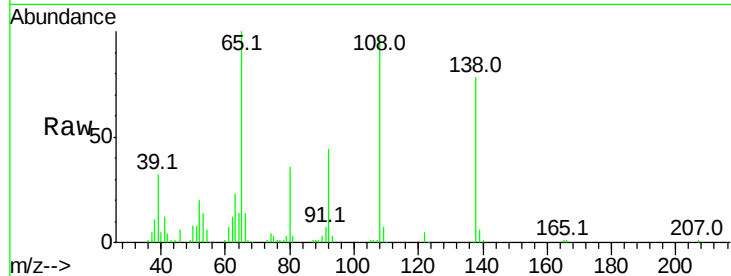
#61
4-Nitroaniline
Concen: 37.308 ng
RT: 15.99 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.9	16.7	56.7
108	123.0	37.6	77.6#

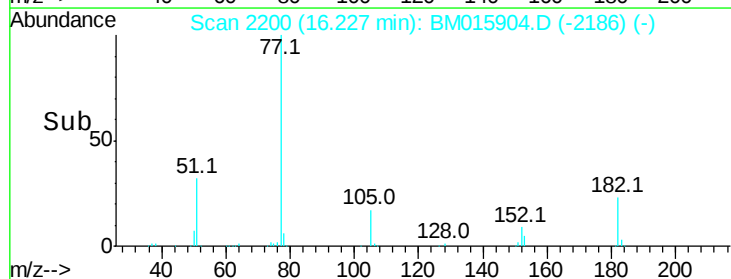
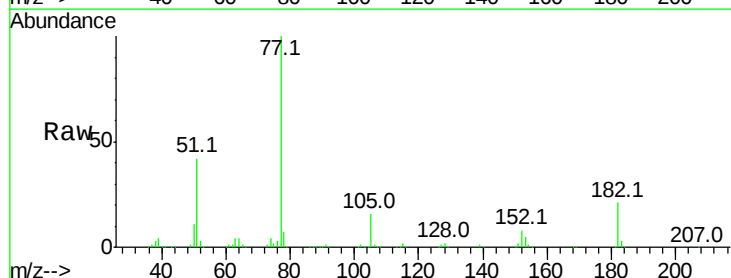
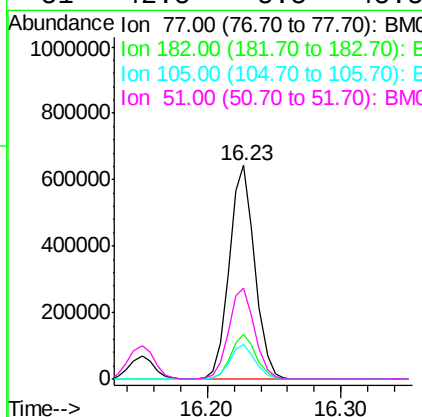
Manual Integrations
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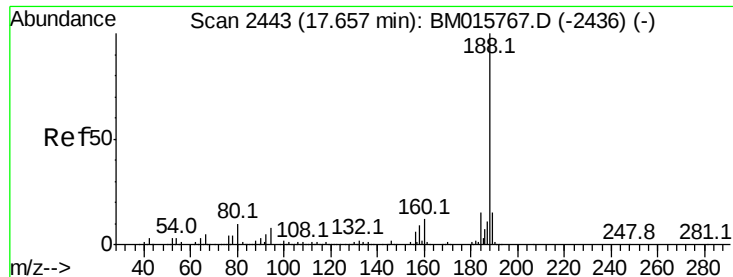
Sohil
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#62
Azobenzene
Concen: 57.416 ng
RT: 16.23 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.8	6.5	46.5
105	16.1	3.8	43.8
51	42.5	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.64 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

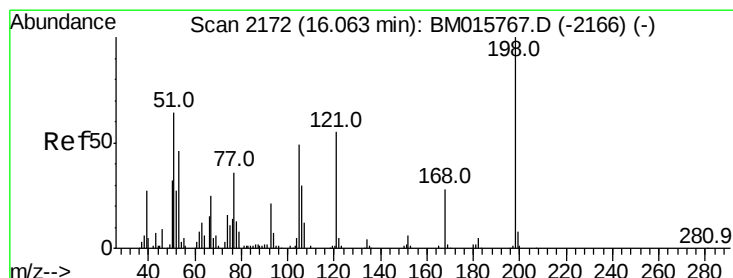
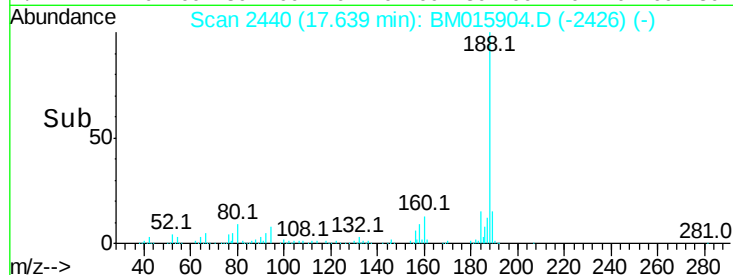
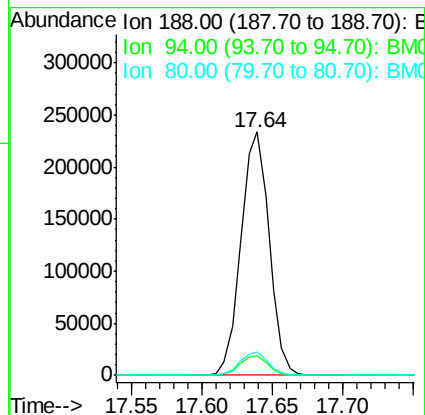
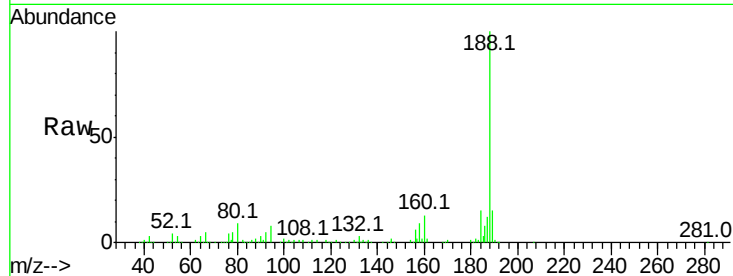
ClientSampleId :

HD-02-071018MS

Tot Ion:	188	Resp:	326462
Ion Ratio	Lower	Upper	
188	100		
94	8.3	8.7	13.1#
80	9.4	9.3	13.9

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 50.853 ng

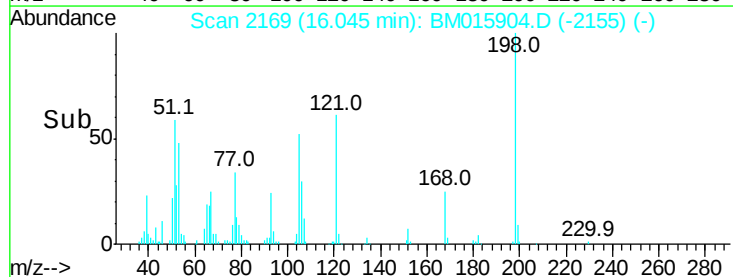
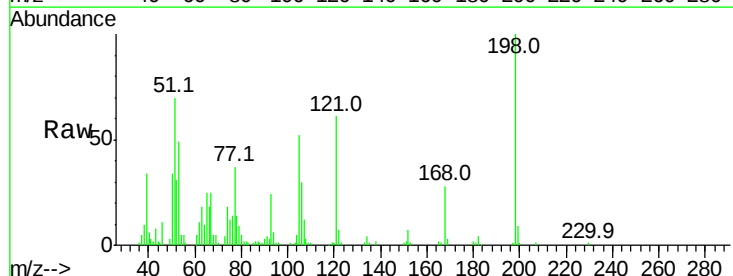
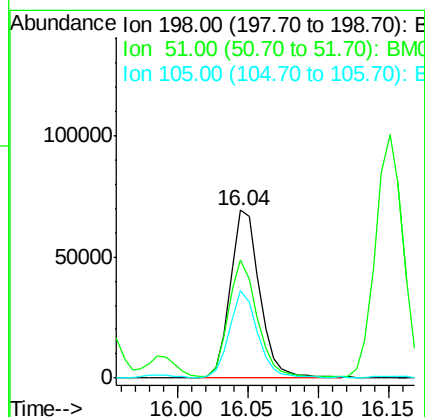
RT: 16.04 min Scan# 2169

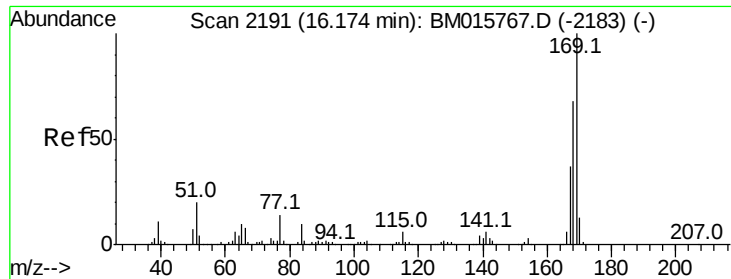
Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion:	198	Resp:	100924
Ion Ratio	Lower	Upper	
198	100		
51	70.2	28.8	68.8#
105	52.4	30.5	70.5





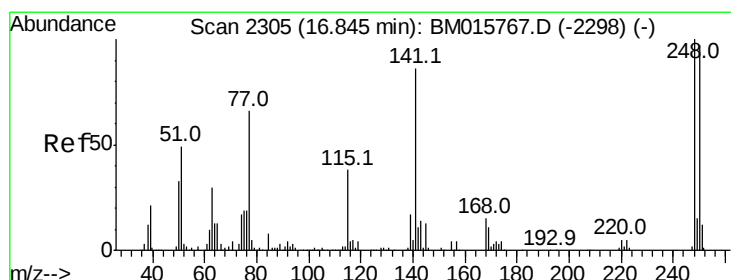
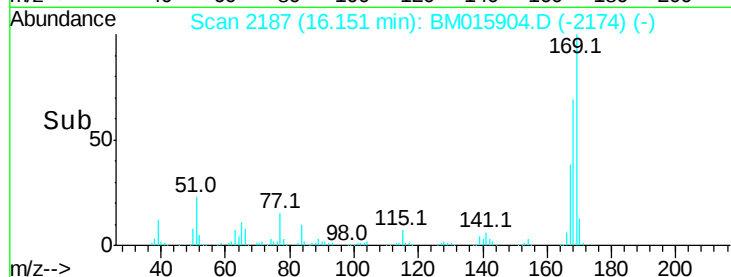
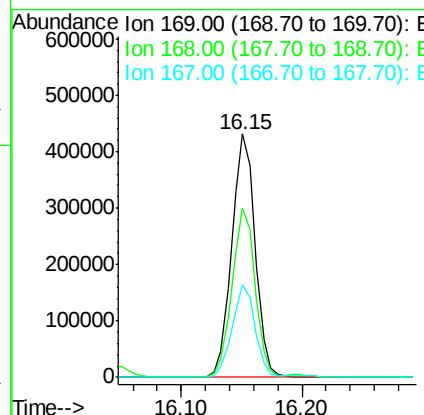
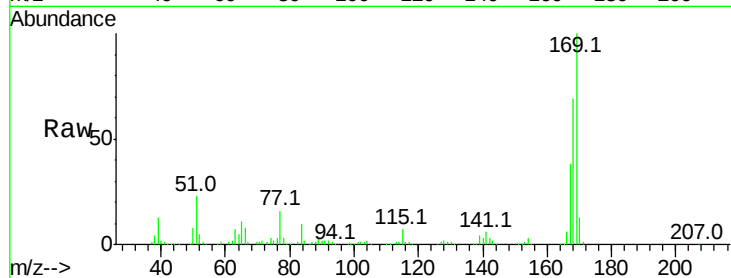
#65
n-Nitrosodiphenylamine
Concen: 51.799 ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	579444		
168	69.5		53.9	80.9
167	37.8		28.9	43.3

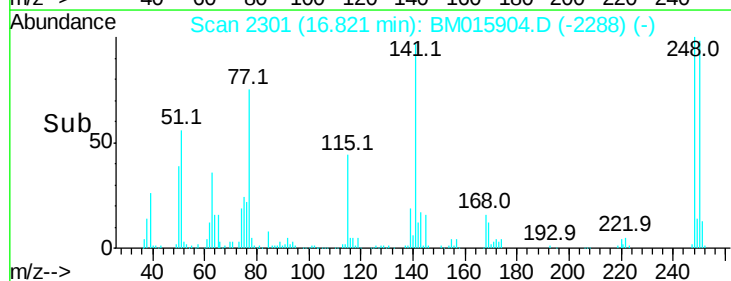
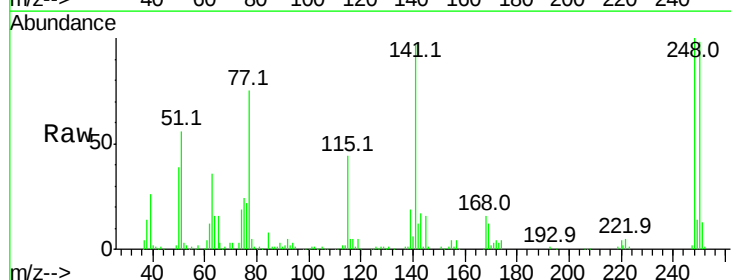
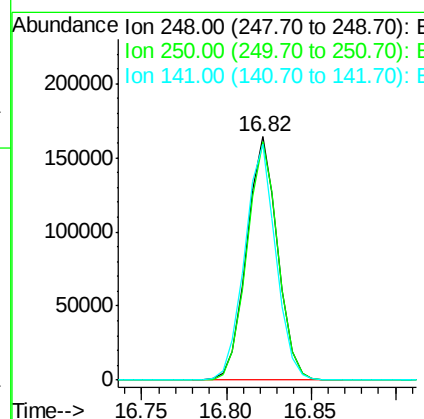
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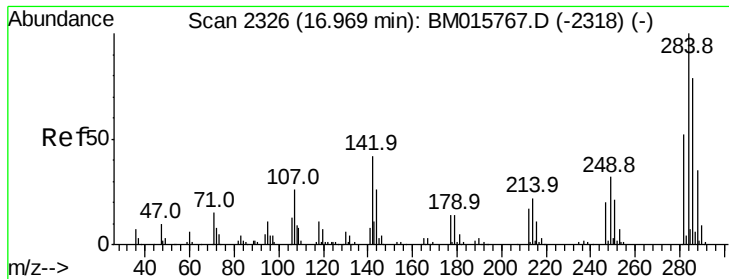
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 57.390 ng
RT: 16.82 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	209189		
250	97.9		77.4	116.0
141	97.2		45.2	67.8#





#67

Hexachlorobenzene

Concen: 56.891 ng

RT: 16.94 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

ClientSampleId :

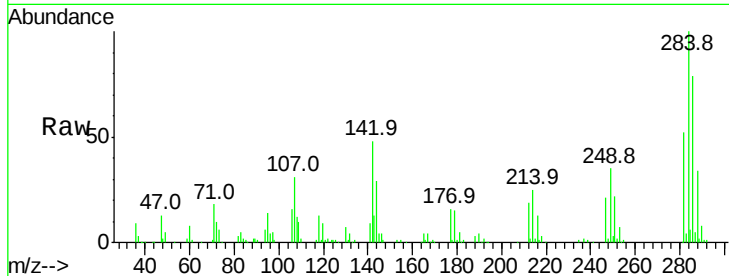
HD-02-071018MS

Tot Ion:	284	Resp:	231724
Ion Ratio	Lower	Upper	
284	100		
142	47.8	20.4	30.6#
249	34.6	23.8	35.6

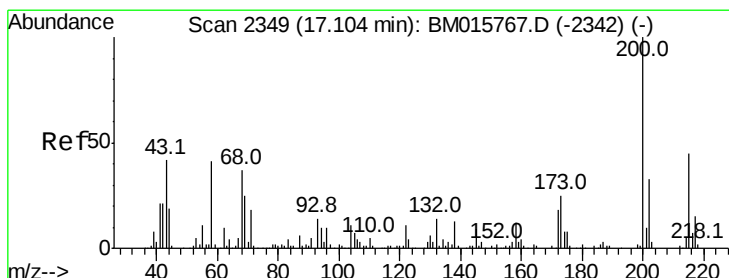
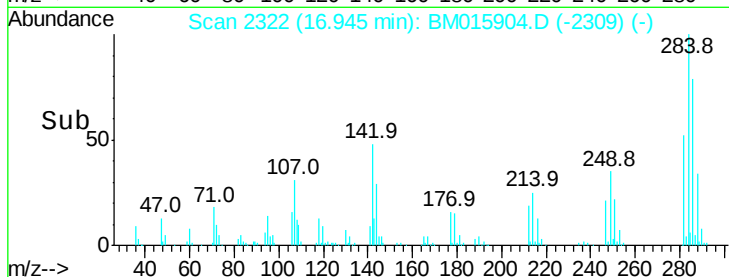
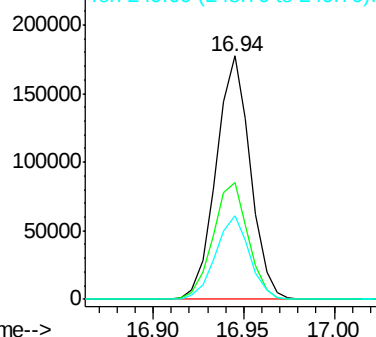
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.678 ng

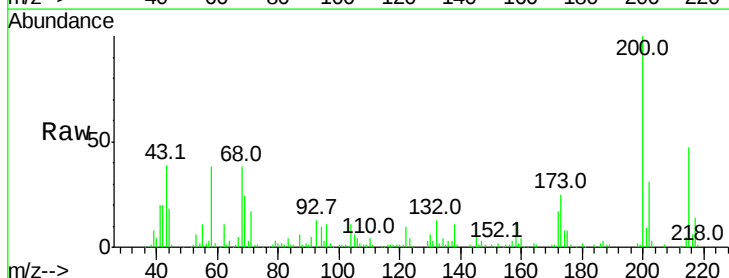
RT: 17.09 min Scan# 2346

Delta R.T. -0.02 min

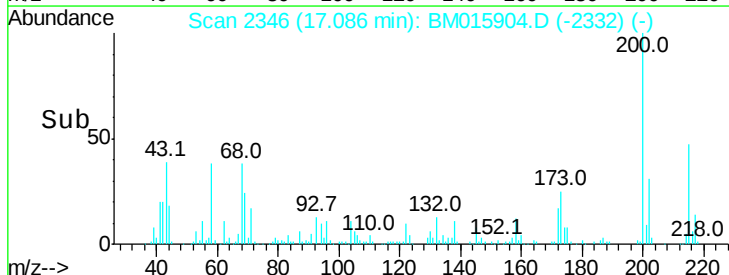
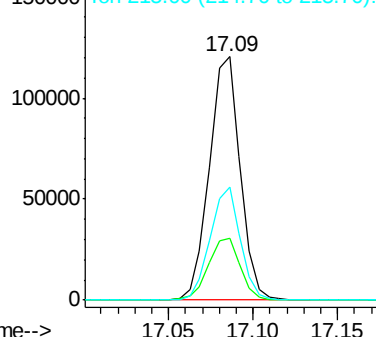
Lab File: BM015904.D

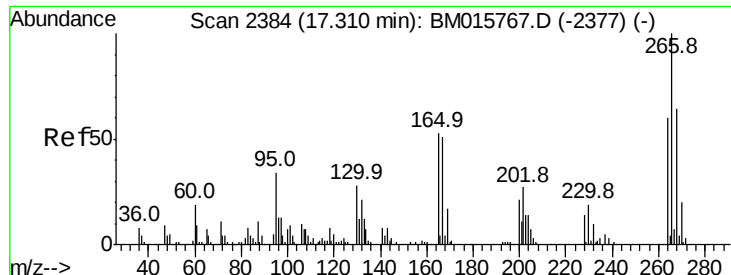
Acq: 12 Jul 2018 08:28

Tgt Ion:	200	Resp:	153353
Ion Ratio	Lower	Upper	
200	100		
173	25.2	4.8	44.8
215	46.5	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





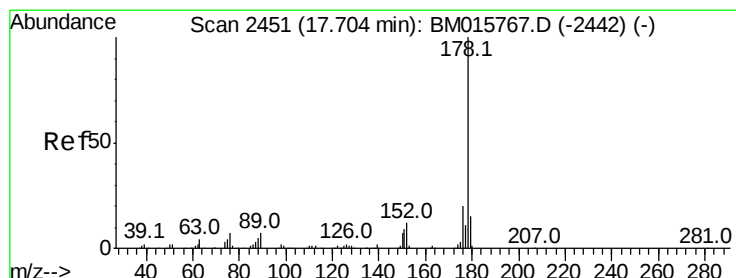
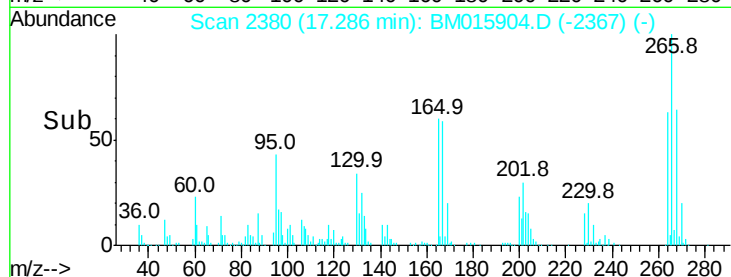
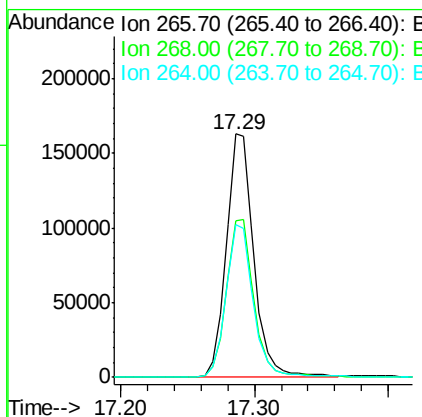
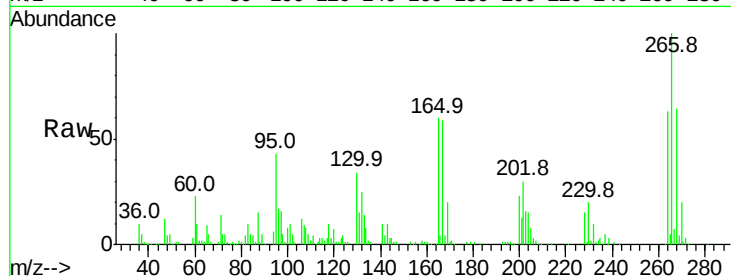
#69
 Pentachlorophenol
 Concen: 93.794 ng
 RT: 17.29 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	236395		
268	64.3	52.0	78.0	
264	62.7	49.0	73.4	

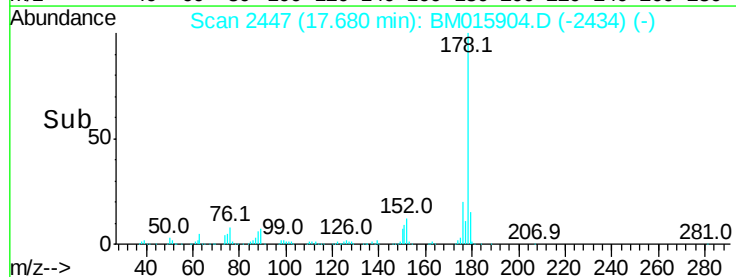
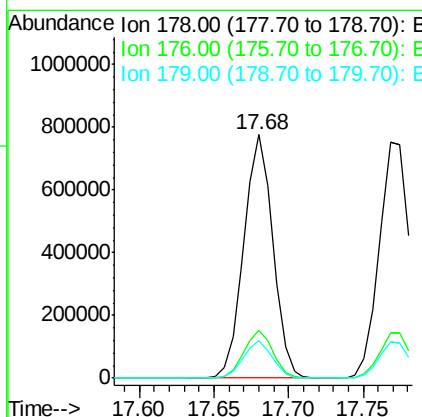
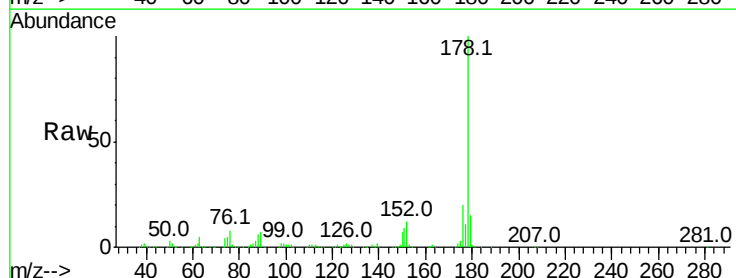
Manual Integrations
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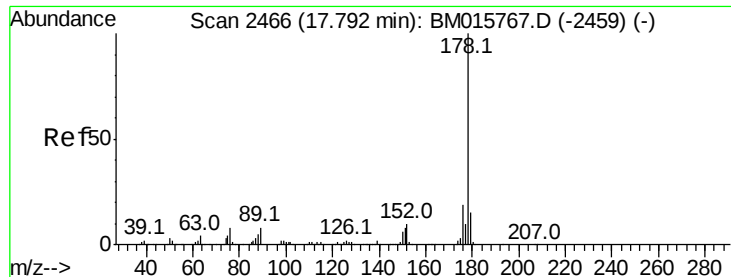
Sohil
 7/12/2018 6:47:03 PM



#70
 Phenanthrene
 Concen: 56.052 ng
 RT: 17.68 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1046898		
176	19.7	15.2	22.8	
179	15.3	12.1	18.1	





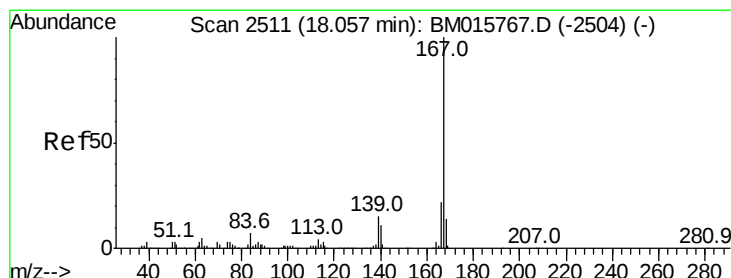
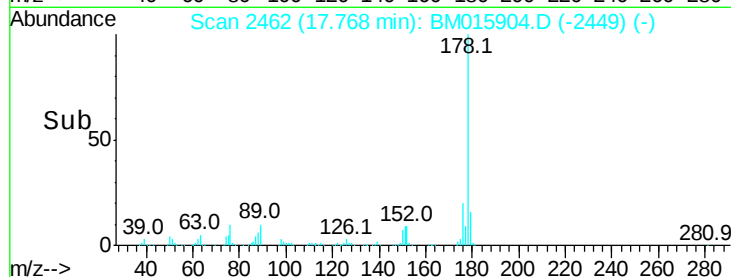
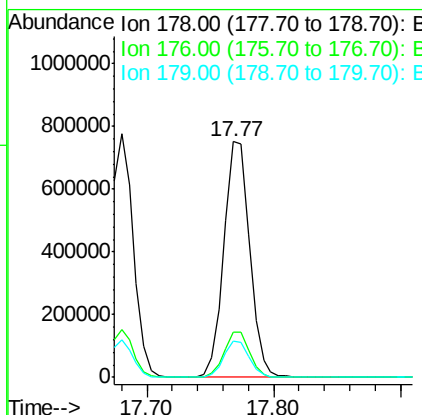
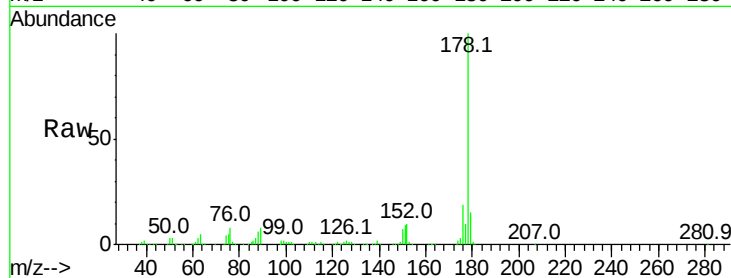
#71
 Anthracene
 Concen: 57.690 ng
 RT: 17.77 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.6	22.0
179	15.4	12.6	19.0

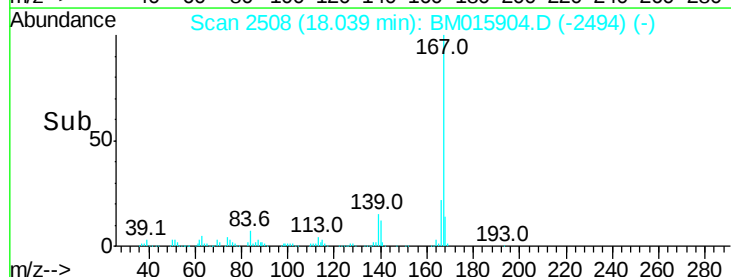
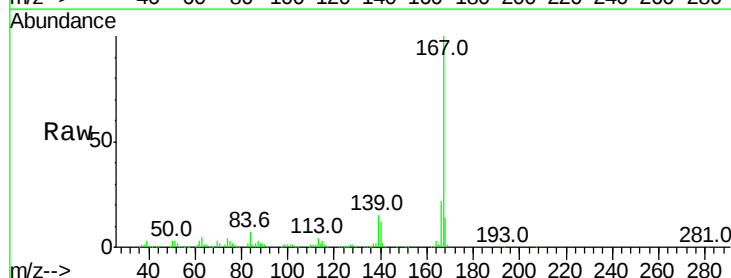
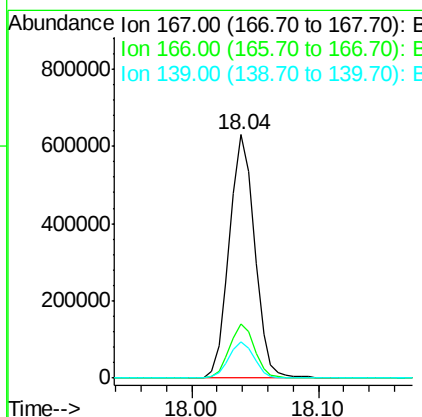
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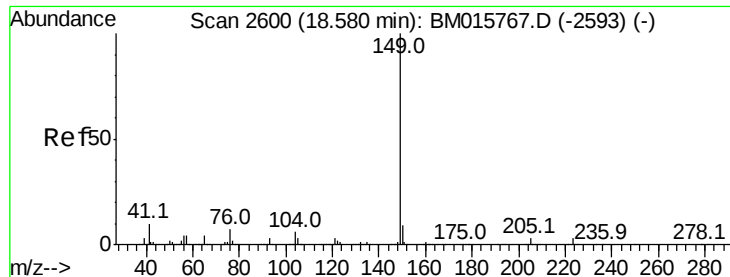
Sohil
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#72
 Carbazole
 Concen: 51.118 ng
 RT: 18.04 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	14.9	10.8	16.2





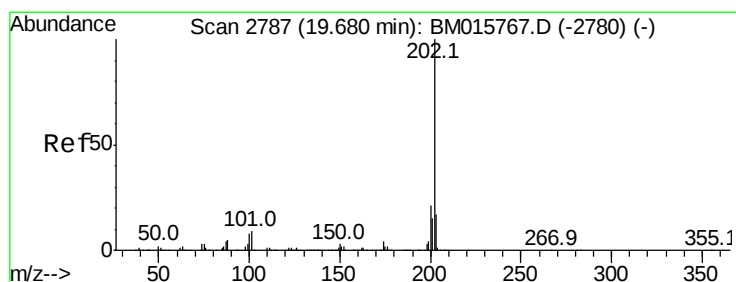
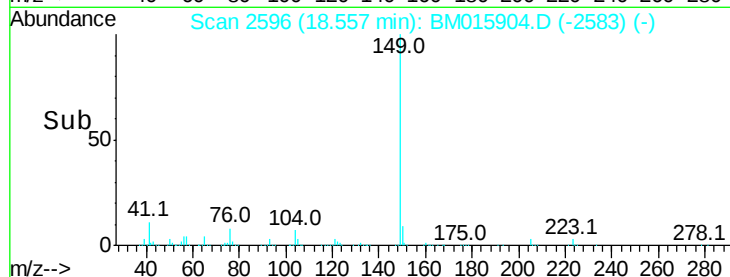
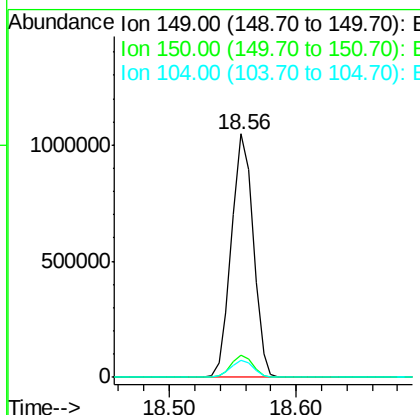
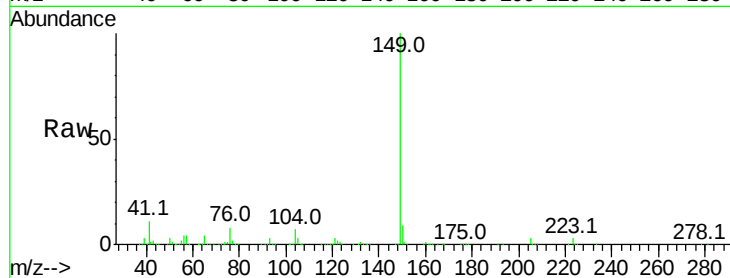
#73
Di-n-butylphthalate
Concen: 54.120 ng
RT: 18.56 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	7.0	3.7	5.5

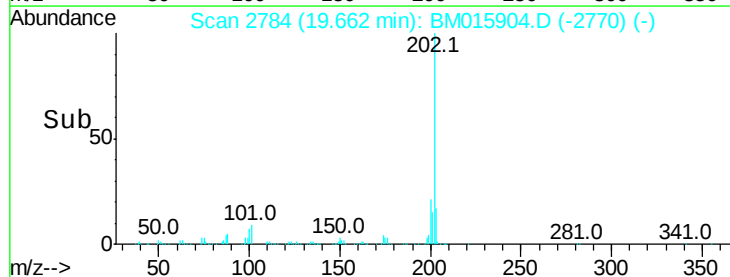
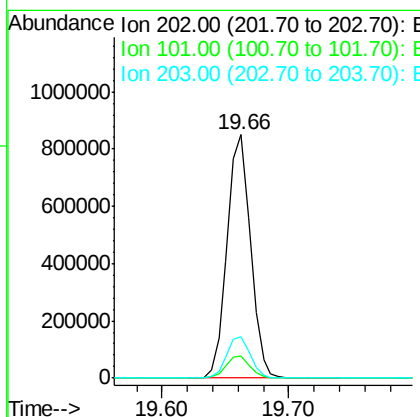
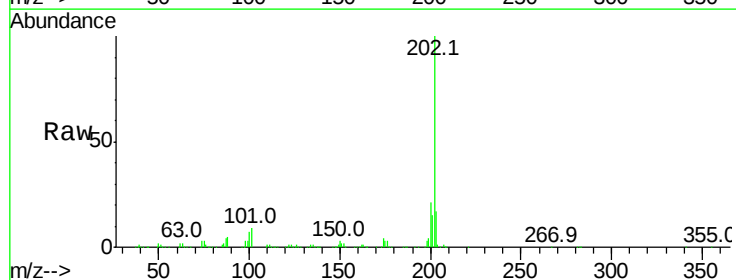
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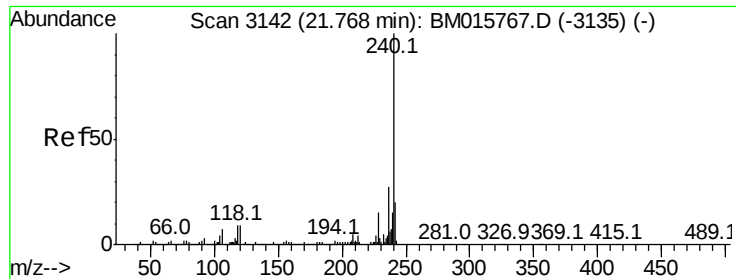
Sohil
7/12/2018 6:47:03 PM



#74
Fluoranthene
Concen: 50.668 ng
RT: 19.66 min Scan# 2784
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.7
203	16.8	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

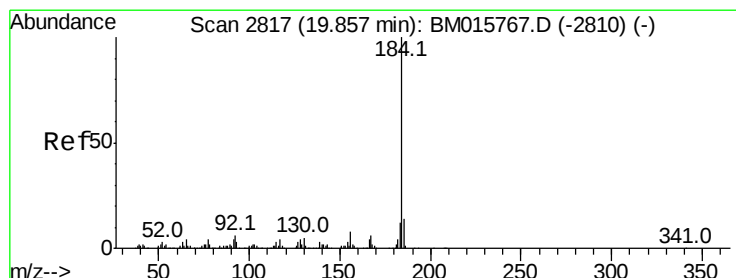
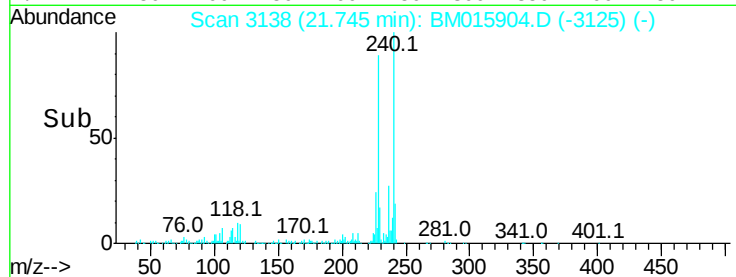
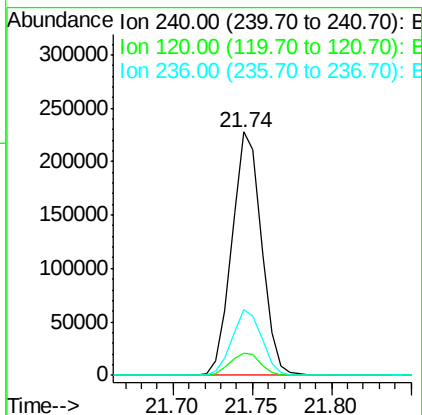
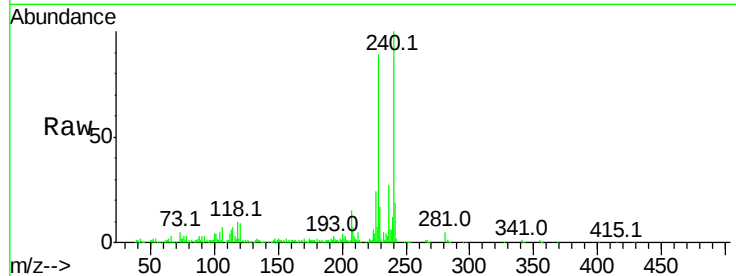
ClientSampleId :

HD-02-071018MS

Tot Ion:	240	Resp:	293802
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.2	12.2
236	27.1	20.0	30.0

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7/12/2018 6:47:03 PM



#76

Benzidine

Concen: 14.004 ng

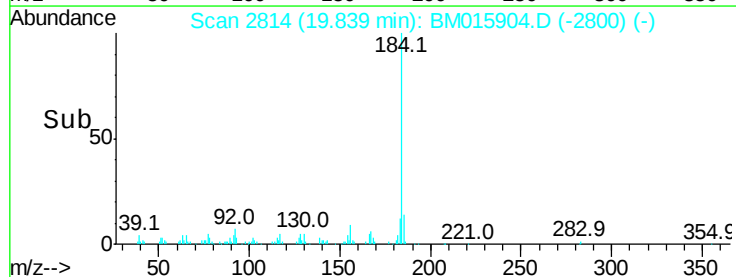
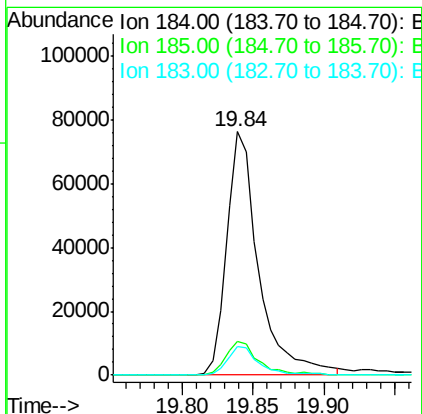
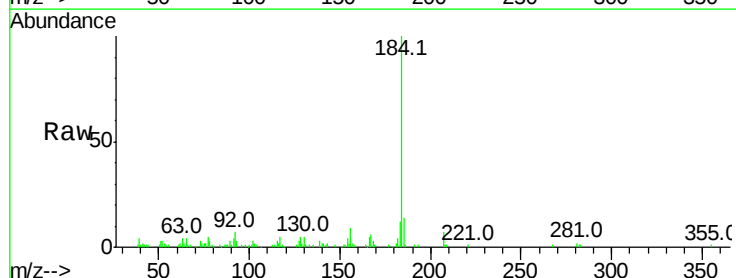
RT: 19.84 min Scan# 2814

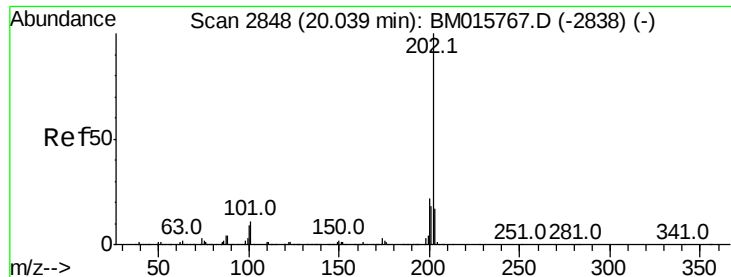
Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion:	184	Resp:	120545
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.3	16.9
183	11.9	8.9	13.3





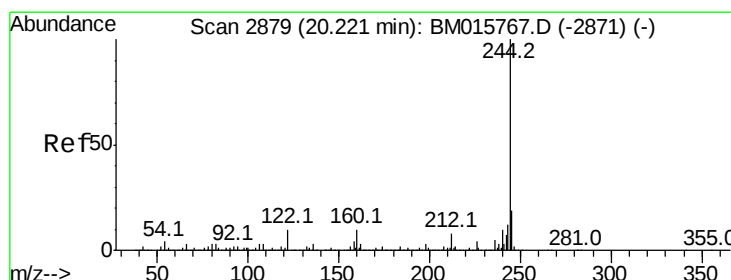
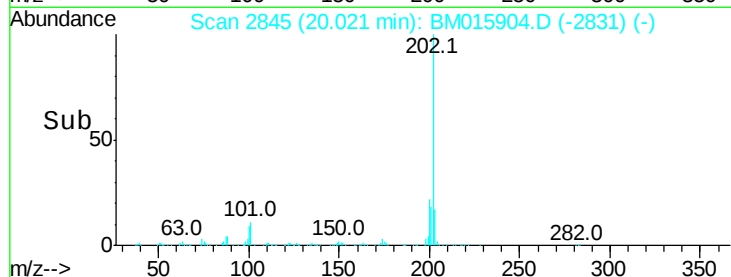
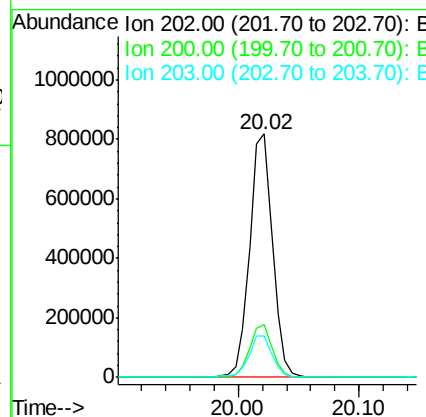
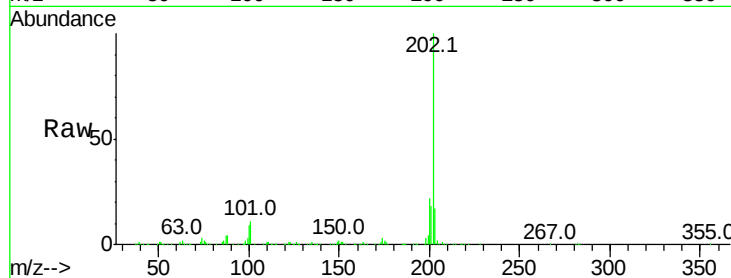
#77
Pvrene
Concen: 59.493 ng
RT: 20.02 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.3	14.1	21.1

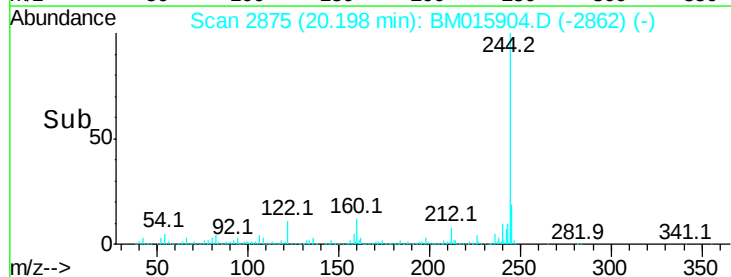
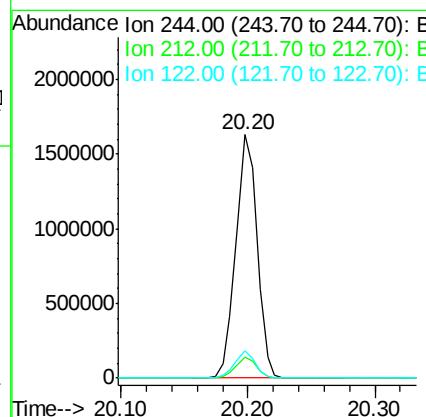
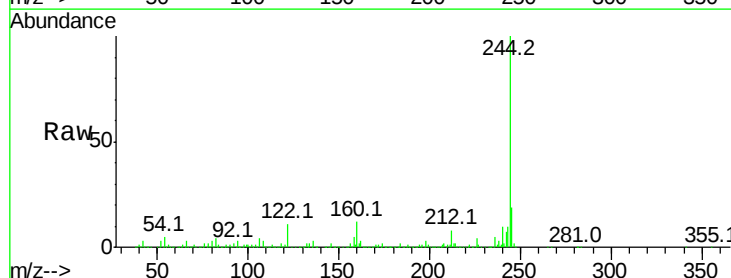
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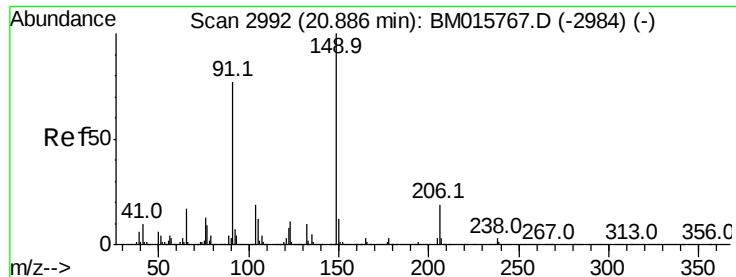
Sohil
7/12/2018 6:47:03 PM



#78
Terphenyl-d14
Concen: 59.493 ng
RT: 20.20 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	11.0	6.2	9.4#





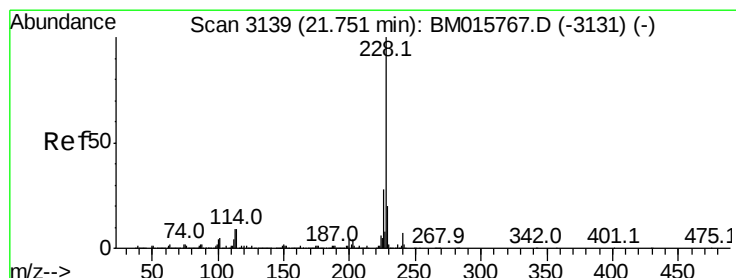
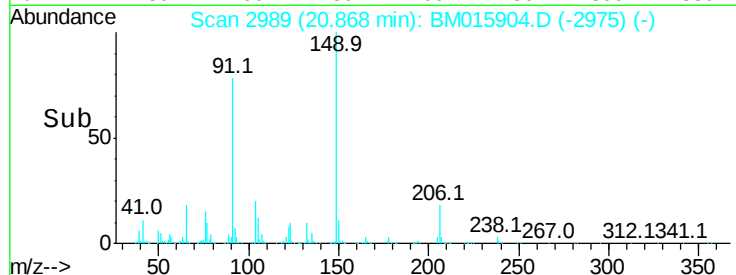
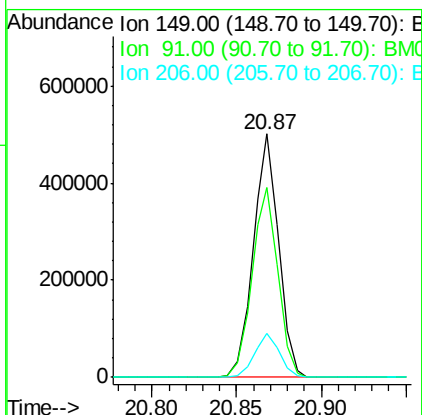
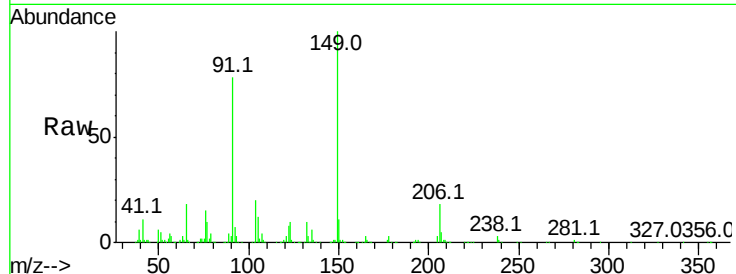
#79
Butylbenzylphthalate
Concen: 58.991 ng
RT: 20.87 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.2	50.1	75.1#
206	17.8	16.2	24.2

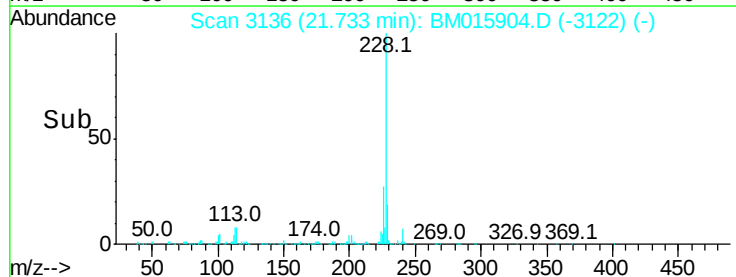
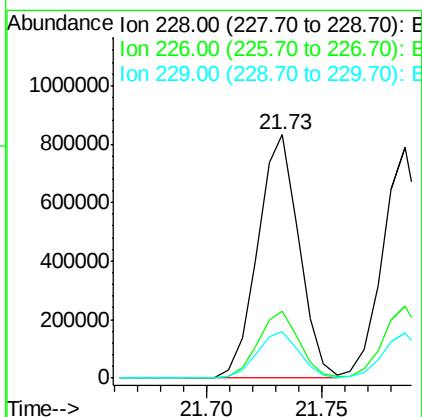
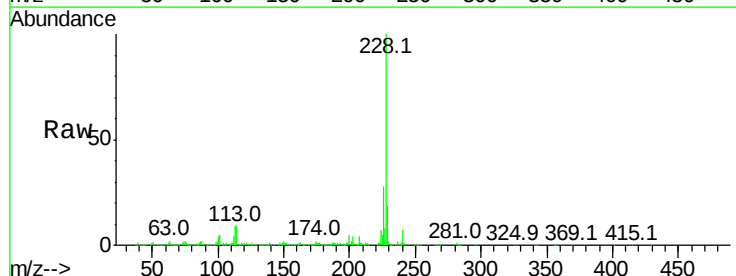
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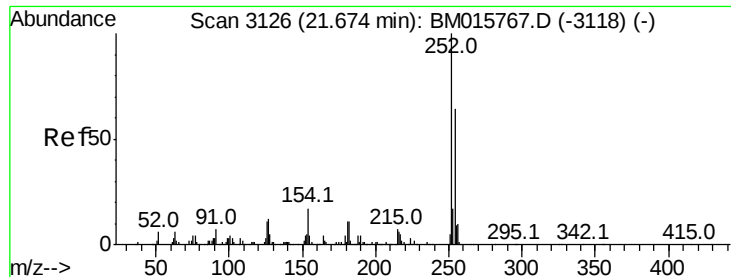
Sohil
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#80
Benzo(a)anthracene
Concen: 55.524 ng
RT: 21.73 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	19.3	16.0	24.0





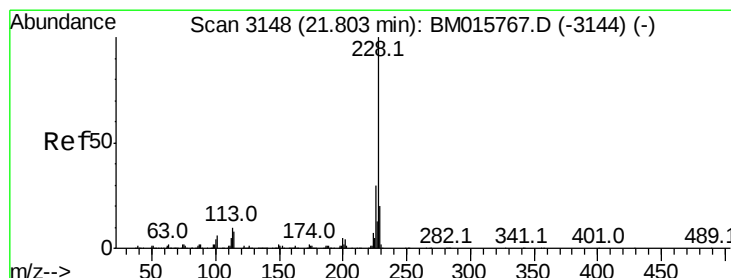
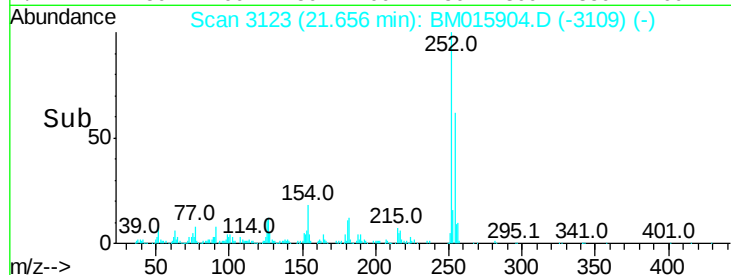
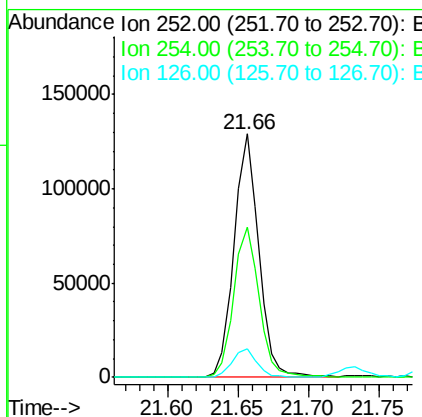
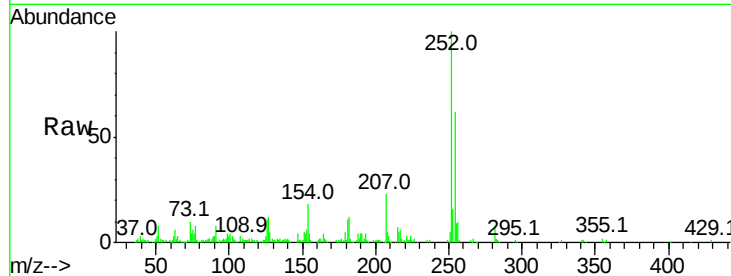
#81
 3,3'-Dichlorobenzidine
 Concen: 23.669 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.6	51.9	77.9
126	11.5	9.8	14.8

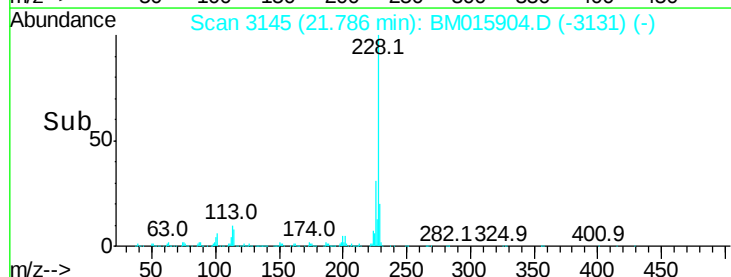
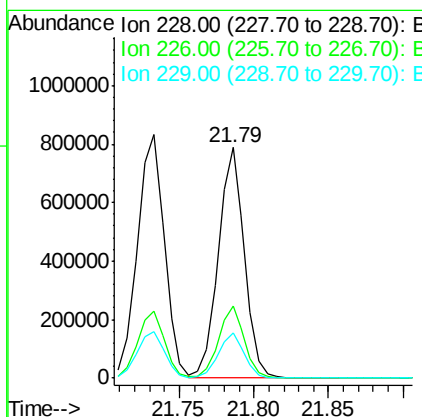
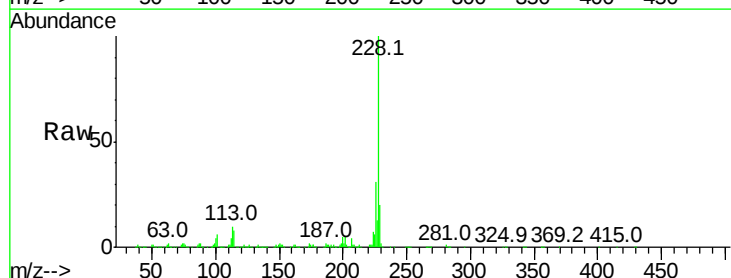
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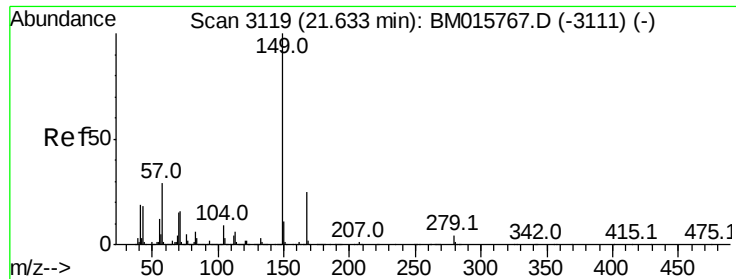
Sohil
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#82
 Chrysene
 Concen: 55.489 ng
 RT: 21.79 min Scan# 3145
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	19.8	15.5	23.3





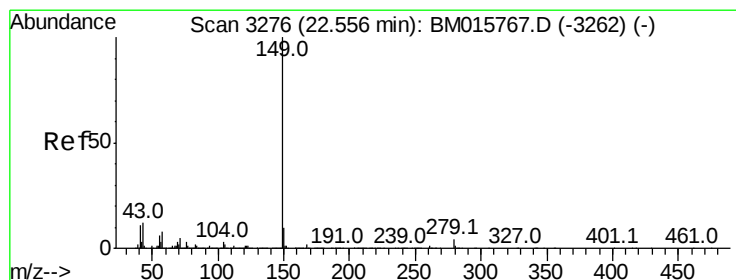
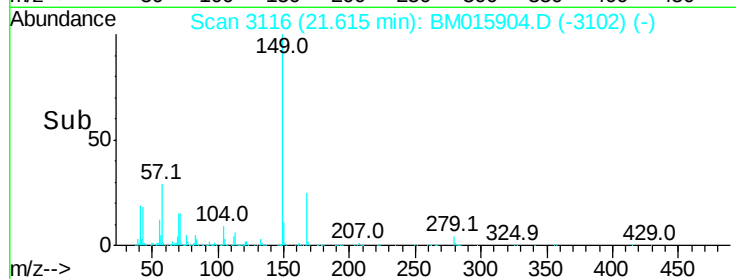
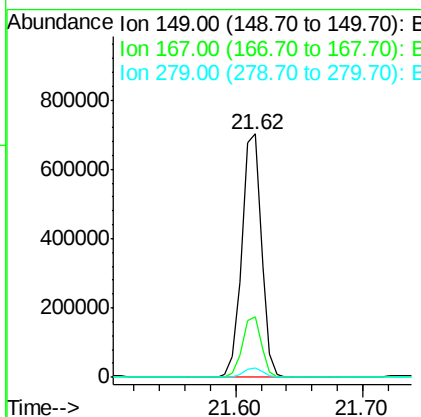
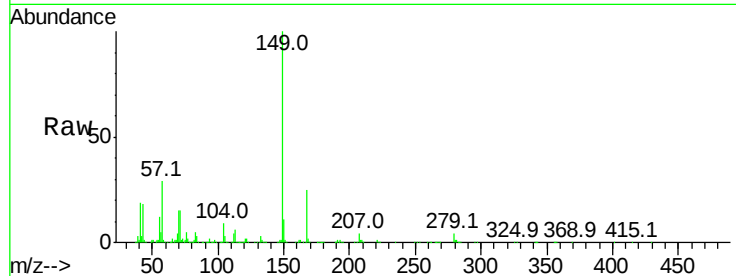
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.111 ng
 RT: 21.62 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.9	22.4	33.6
279	4.1	3.4	5.0

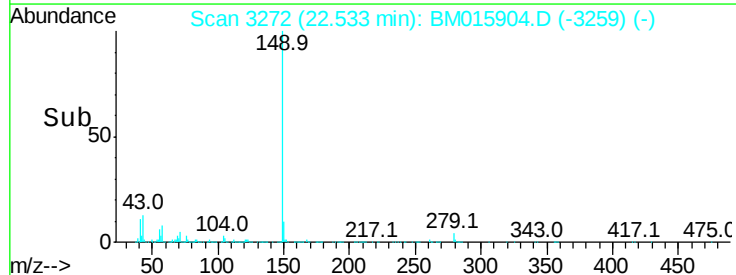
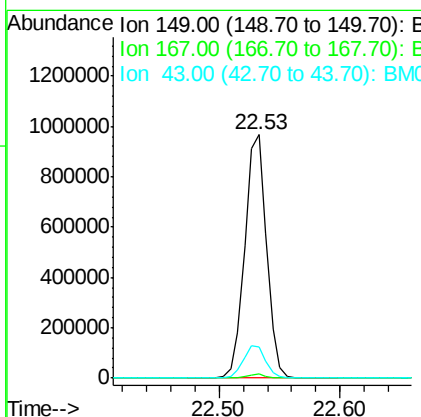
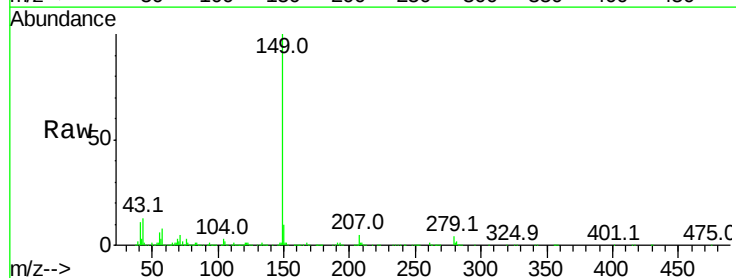
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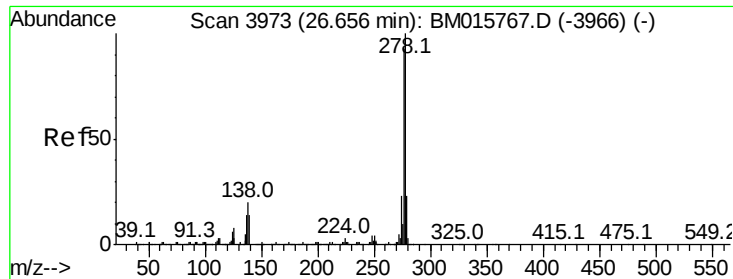
Sohil
 7/12/2018 6:47:03 PM



#84
 Di-n-octyl phthalate
 Concen: 57.240 ng
 RT: 22.53 min Scan# 3272
 Delta R.T. -0.02 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.4	7.3	10.9#





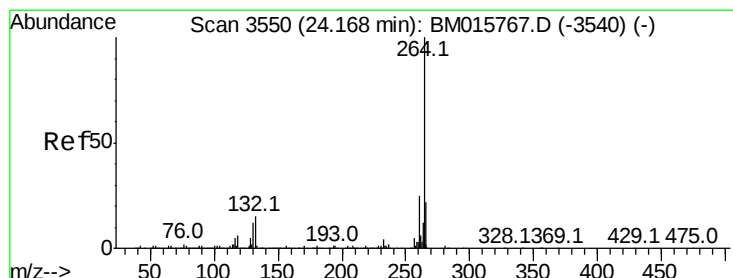
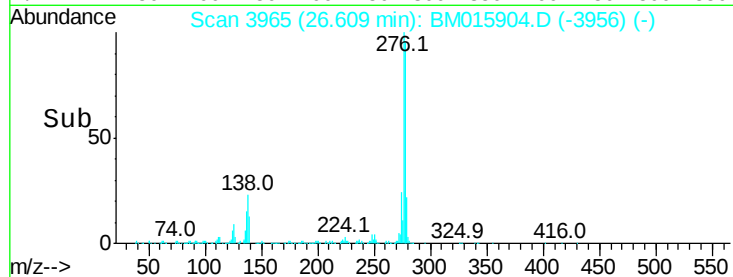
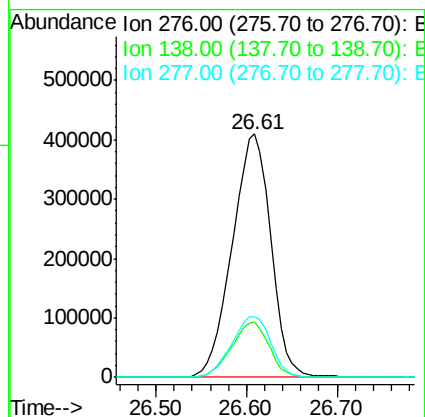
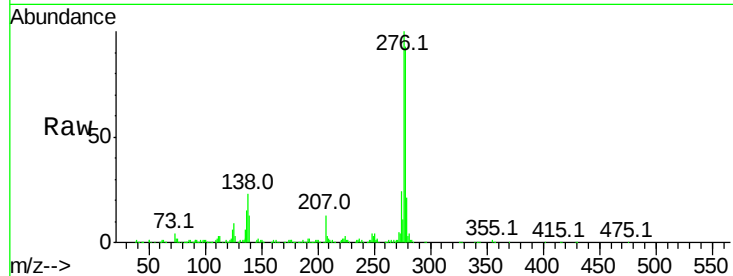
#85
Indeno(1,2,3-cd)pyrene
Concen: 74.244 ng
RT: 26.61 min Scan# 3965
Delta R.T. -0.05 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	12.0	18.0#
277	25.6	20.0	30.0

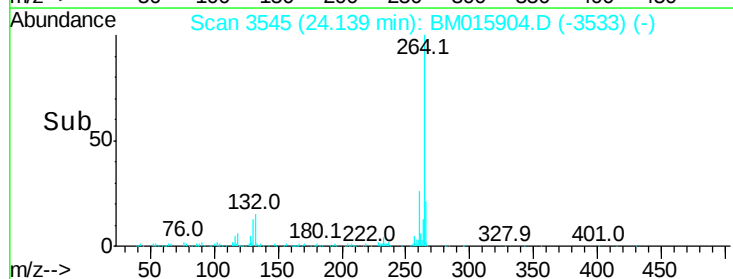
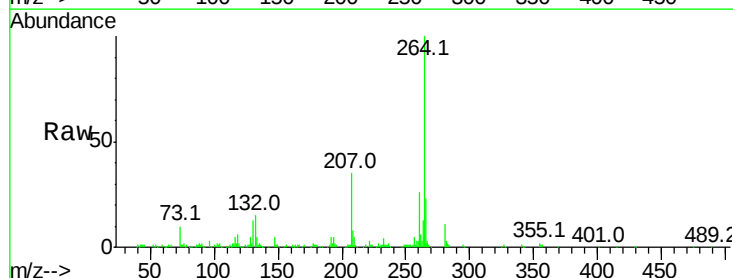
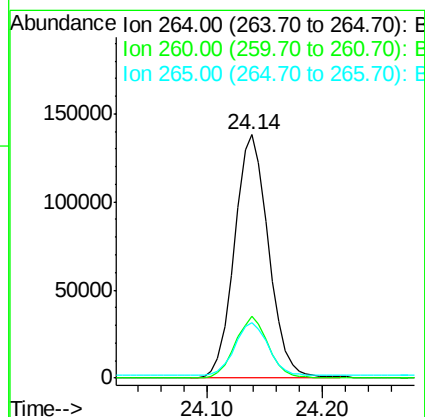
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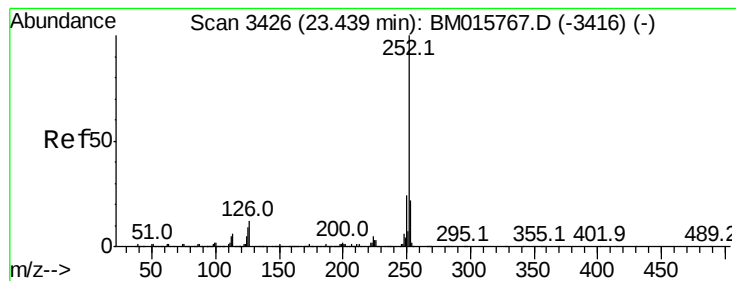
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.14 min Scan# 3545
Delta R.T. -0.03 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.6	27.8
265	22.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 55.220 ng

RT: 23.42 min Scan# 3422

Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Instrument :

BNA_M

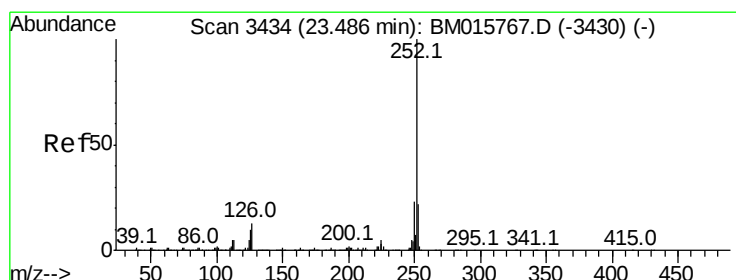
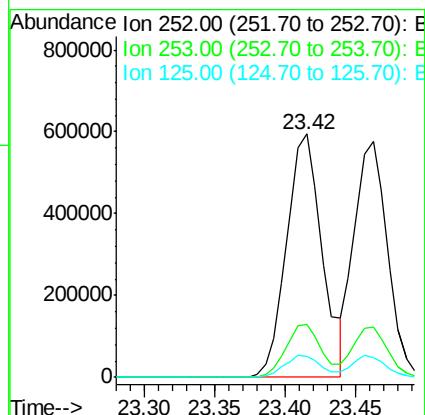
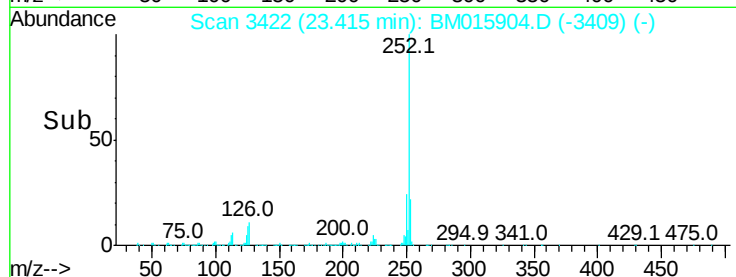
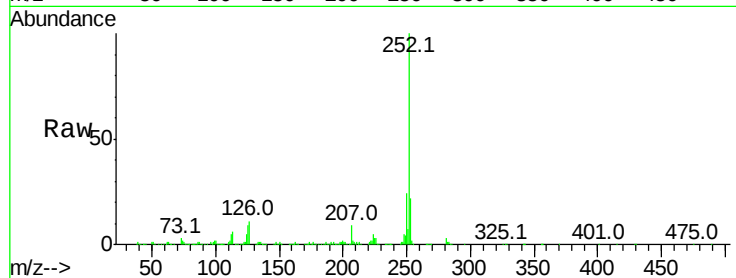
ClientSampleId :

HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.7	9.9	14.9#

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7/12/2018 6:47:03 PM



#88

Benzo(k)fluoranthene

Concen: 51.241 ng

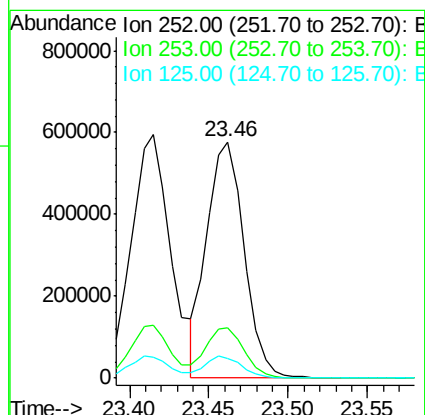
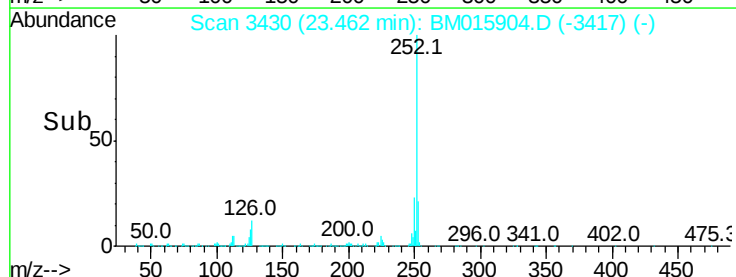
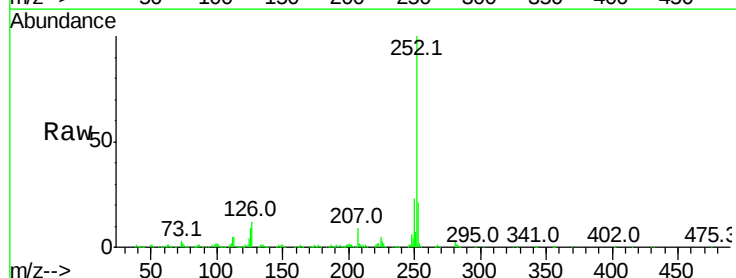
RT: 23.46 min Scan# 3430

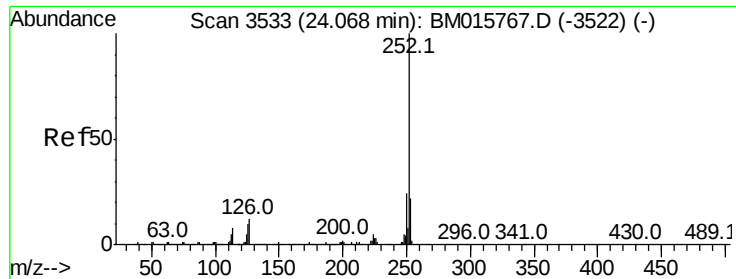
Delta R.T. -0.02 min

Lab File: BM015904.D

Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	8.6	8.1	12.1





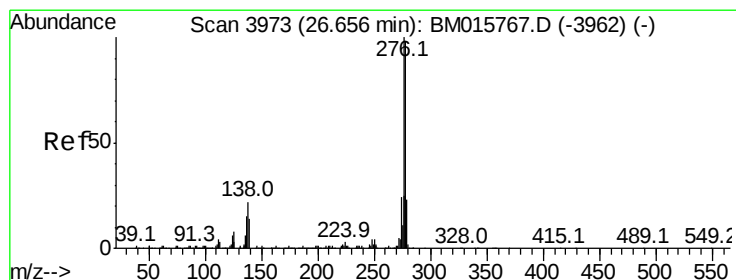
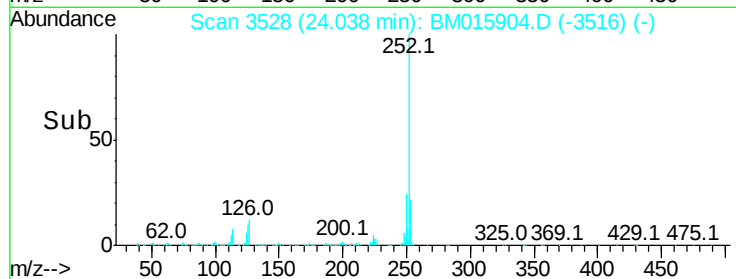
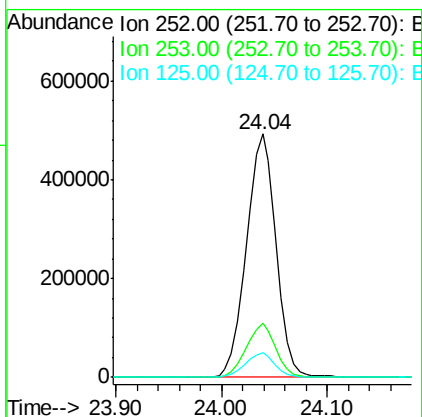
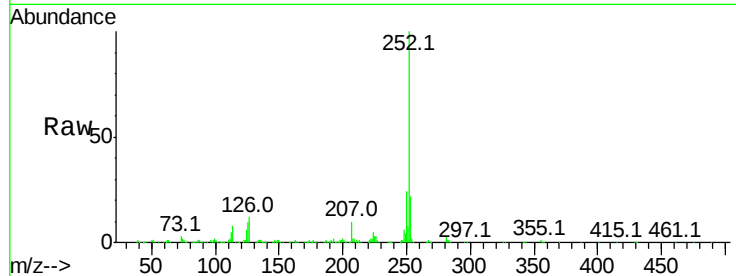
#89
Benzo(a)pyrene
Concen: 57.490 ng
RT: 24.04 min Scan# 3528
Delta R.T. -0.03 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.0	7.4	11.2

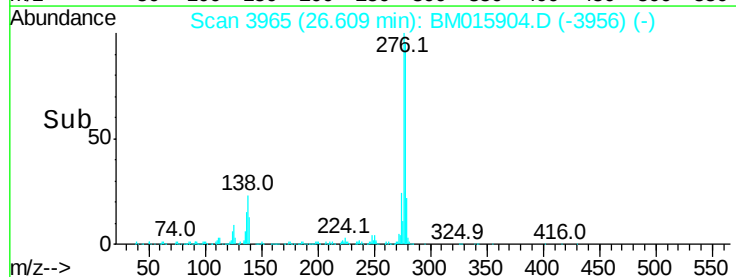
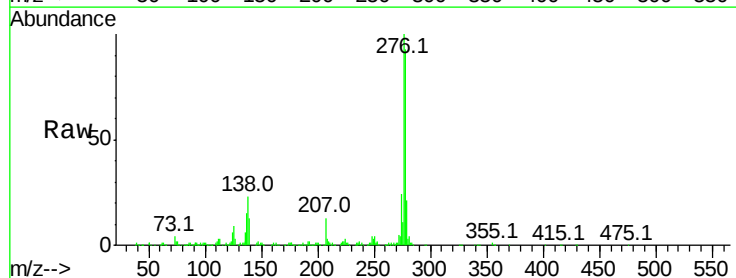
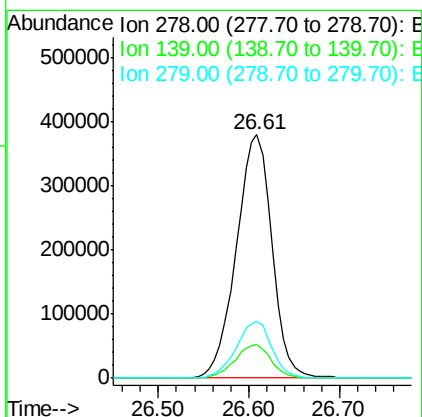
Manual Integrations
APPROVED

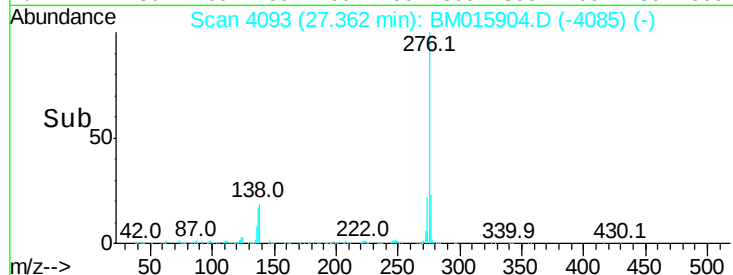
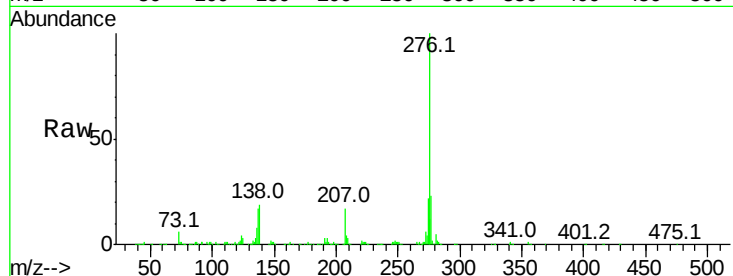
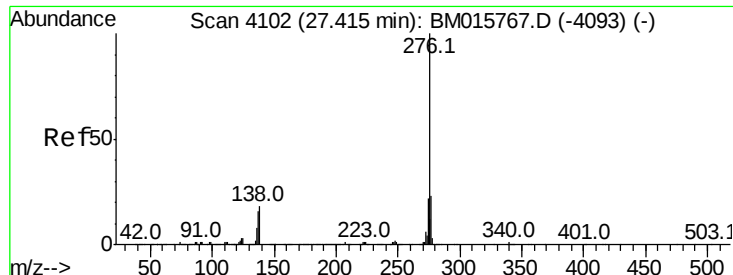
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 68.866 ng
RT: 26.61 min Scan# 3965
Delta R.T. -0.05 min
Lab File: BM015904.D
Acq: 12 Jul 2018 08:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	13.4	20.0
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 73.337 ng
 RT: 27.36 min Scan# 4093
 Delta R.T. -0.05 min
 Lab File: BM015904.D
 Acq: 12 Jul 2018 08:28

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-071018MS

Tot Ion:	276	Resp:	965181
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.5	27.7
138	19.4	19.0	28.6

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