

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
 Data File : BM010990.D
 Acq On : 27 Jul 2017 02:48
 Operator : SJ/JU
 Sample : PB100967BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100967BS

Manual Integrations
 APPROVED

Sohil
 7/27/2017 6:21:43 PM

Quant Time: Jul 27 10:08:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	204346	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	912617	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	686704	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1825890	20.00	ng	0.00
75) Chrysene-d12	21.03	240	1634893	20.00	ng	0.00
86) Perylene-d12	23.14	264	1154361	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	1722390	142.48	ng	0.00
7) Phenol-d6	6.60	99	2368277	137.89	ng	0.00
23) Nitrobenzene-d5	8.54	82	2007137	82.54	ng	0.00
41) 2,4,6-Tribromophenol	15.56	330	1583816	143.90	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	4775373	87.21	ng	0.00
78) Terphenyl-d14	19.47	244	7772865	94.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	154095	28.391	ng	# 100
3) Pyridine	3.41	79	469323	31.657	ng	# 89
4) n-Nitrosodimethylamine	3.33	42	318421	42.147	ng	# 65
6) Aniline	6.74	93	807394	37.299	ng	# 89
8) 2-Chlorophenol	6.97	128	518782	42.271	ng	# 87
9) Benzaldehyde	6.55	77	213840	19.243	ng	# 84
10) Phenol	6.62	94	798446	42.800	ng	# 97
11) bis(2-Chloroethyl)ether	6.85	93	561339	38.618	ng	# 94
12) 1,3-Dichlorobenzene	7.28	146	567037	37.911	ng	# 83
13) 1,4-Dichlorobenzene	7.43	146	580642	37.873	ng	# 91
14) 1,2-Dichlorobenzene	7.73	146	556996	37.998	ng	# 88
15) Benzyl Alcohol	7.64	79	781077	47.406	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	7.93	45	543277	41.535	ng	# 79
17) 2-Methylphenol	7.85	107	536487	44.997	ng	# 76
18) Hexachloroethane	8.45	117	270532	40.462	ng	# 85
19) n-Nitroso-di-n-propylamine	8.20	70	631684	43.280	ng	# 92
20) 3+4-Methylphenols	8.17	107	738015	44.530	ng	# 84
22) Acetophenone	8.21	105	1018600	37.234	ng	# 92
24) Nitrobenzene	8.58	77	979009	38.854	ng	# 87
25) Isophorone	9.10	82	1594299	39.324	ng	# 86
26) 2-Nitrophenol	9.28	139	316347	39.458	ng	# 22
27) 2,4-Dimethylphenol	9.36	122	587660	41.637	ng	# 70
28) bis(2-Chloroethoxy)methane	9.59	93	914421	40.439	ng	# 98
29) 2,4-Dichlorophenol	9.81	162	695761	43.870	ng	# 93
30) 1,2,4-Trichlorobenzene	10.02	180	773312	39.435	ng	# 97
31) Naphthalene	10.20	128	1833751	39.942	ng	# 99
32) Benzoic acid	9.52	122	408964	36.050	ng	# 60
33) 4-Chloroaniline	10.32	127	369858	20.194	ng	# 72
34) Hexachlorobutadiene	10.49	225	609750	39.479	ng	# 98
35) Caprolactam	11.12	113	194804m	43.313	ng	#
36) 4-Chloro-3-methylphenol	11.46	107	861058	42.047	ng	# 75
37) 2-Methylnaphthalene	11.83	142	1538107	45.605	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	1114026	37.760	ng	# 100
40) Hexachlorocyclopentadiene	12.19	237	1779315	103.502	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	718845	40.255	nq	94
43) 2,4,5-Trichlorophenol	12.53	196	773207	42.041	nq #	89
45) 1,1'-Biphenyl	12.87	154	2240077	37.726	nq	98
46) 2-Chloronaphthalene	12.91	162	1742073	39.820	nq #	91
47) 2-Nitroaniline	13.13	65	680307	43.955	nq #	67
48) Acenaphthylene	13.77	152	2732011	41.844	nq	99
49) Dimethylphthalate	13.53	163	2414120	41.095	nq #	99
50) 2,6-Dinitrotoluene	13.65	165	498073	41.928	nq #	63
51) Acenaphthene	14.12	154	1663198	41.141	nq	99
52) 3-Nitroaniline	13.97	138	322031	31.239	nq #	31
53) 2,4-Dinitrophenol	14.18	184	713933	84.564	nq #	87
54) Dibenzofuran	14.46	168	2965584	45.273	nq #	90
55) 4-Nitrophenol	14.30	139	754012	83.253	nq	93
56) 2,4-Dinitrotoluene	14.44	165	738351	44.274	nq	94
57) Fluorene	15.11	166	2456983	43.081	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.69	232	839430	48.693	nq #	100
59) Diethylphthalate	14.91	149	2576396	42.944	nq	99
60) 4-Chlorophenyl-phenylether	15.12	204	1524006	44.259	nq	98
61) 4-Nitroaniline	15.15	138	475610	43.437	nq #	1
62) Azobenzene	15.41	77	3130652	48.758	nq	88
64) 4,6-Dinitro-2-methylphenol	15.20	198	485665	39.290	nq	92
65) n-Nitrosodiphenylamine	15.33	169	2144669	41.043	nq	99
66) 4-Bromophenyl-phenylether	16.01	248	1016611	43.310	nq #	89
67) Hexachlorobenzene	16.12	284	1049624	39.572	nq #	89
68) Atrazine	16.30	200	912038	43.554	nq	96
69) Pentachlorophenol	16.46	266	1350827	80.218	nq	99
70) Phenanthrene	16.85	178	4163841	43.551	nq	100
71) Anthracene	16.94	178	4199358	44.041	nq	99
72) Carbazole	17.22	167	3408258	40.873	nq	99
73) Di-n-butylphthalate	17.80	149	4305096	42.395	nq #	96
74) Fluoranthene	18.88	202	4962498	41.884	nq	98
76) Benzidine	19.08	184	2427184	62.059	nq	100
77) Pyrene	19.24	202	4771312	49.116	nq	99
79) Butylbenzylphthalate	20.18	149	1652023	47.824	nq #	69
80) Benzo(a)anthracene	21.01	228	4077779	43.682	nq	99
81) 3,3'-Dichlorobenzidine	20.96	252	1067408	29.147	nq #	97
82) Chrysene	21.06	228	3780521	42.189	nq	99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2309342	45.443	nq #	98
84) Di-n-octyl phthalate	21.82	149	3302385	40.039	nq	99
85) Indeno(1,2,3-cd)pyrene	25.21	276	3161475	34.066	nq #	97
87) Benzo(b)fluoranthene	22.52	252	3391215	45.772	nq #	92
88) Benzo(k)fluoranthene	22.56	252	3037289	42.772	nq #	95
89) Benzo(a)pyrene	23.05	252	2961326	44.172	nq #	96
90) Dibenzo(a,h)anthracene	25.23	278	2567244	41.308	nq #	89
91) Benzo(g,h,i)perylene	25.84	276	2607931	42.734	nq #	85

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

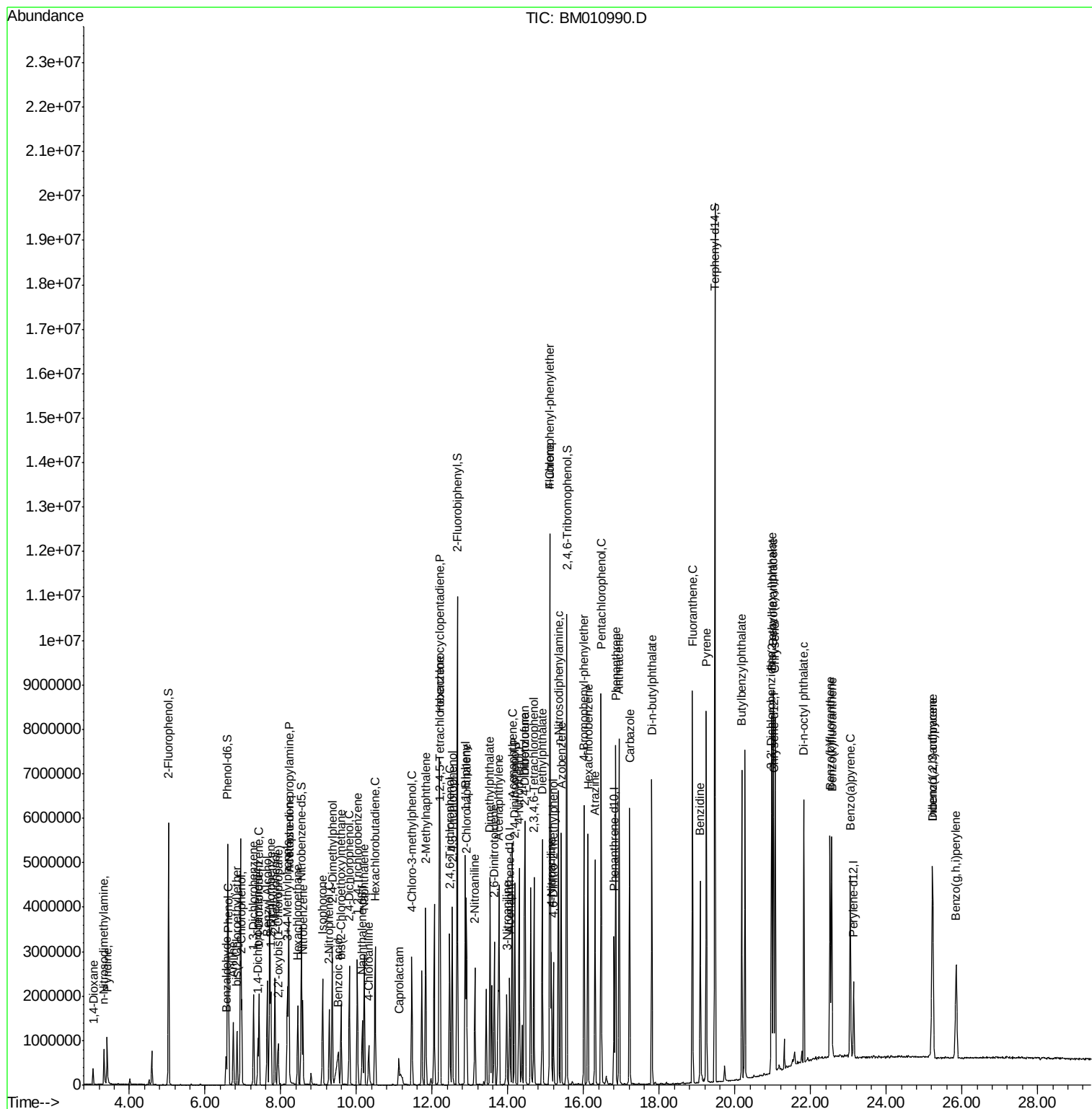
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ALS Vial  : 25      Sample Multiplier: 1
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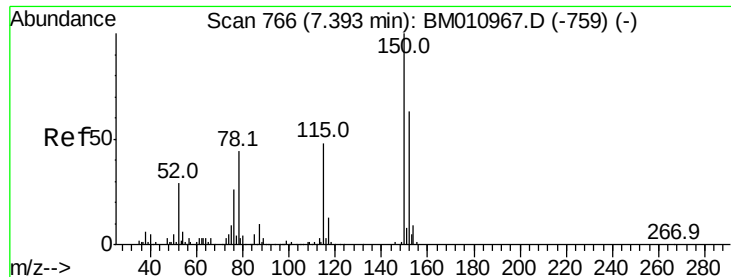
Instrument :
BNA_M
ClientSampleId :
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#1

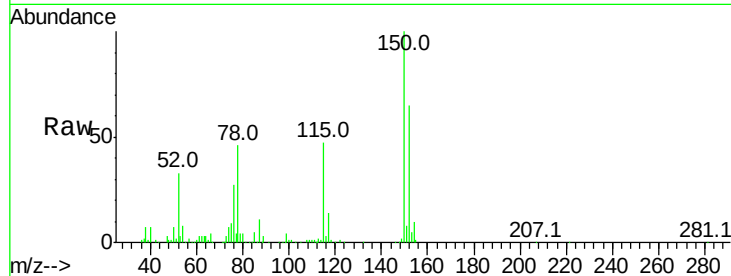
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

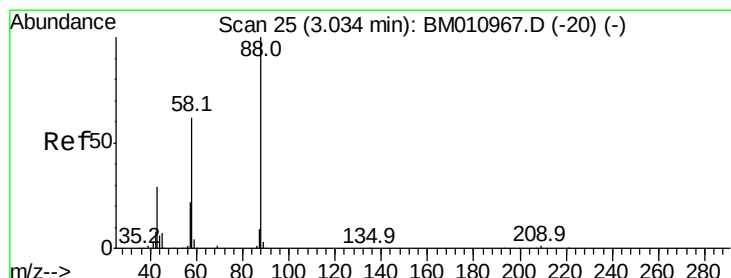
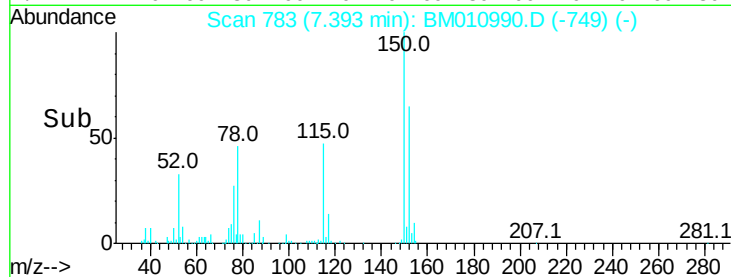
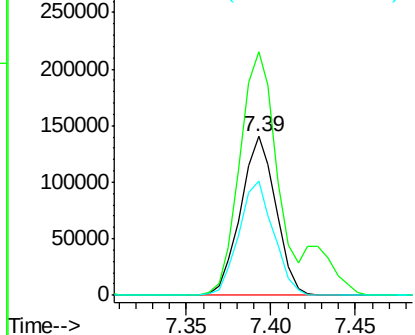
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.5	179.3
115	71.7	43.0	64.4

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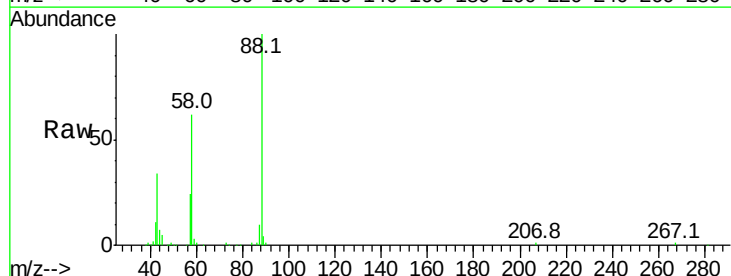
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



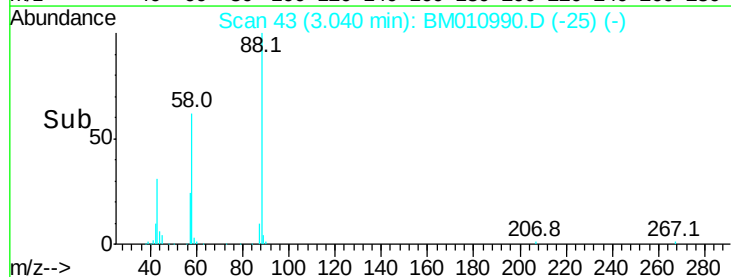
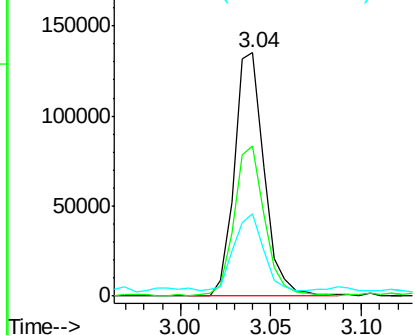
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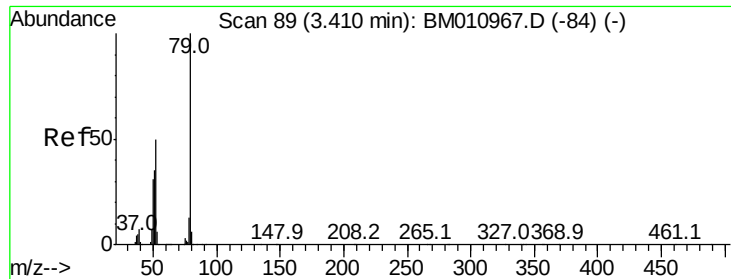
1,4-Dioxane
Concen: 28.391 ng
RT: 3.04 min Scan# 43
Delta R.T. 0.01 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.9	0.0	0.0
43	31.4	0.0	0.0



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





#3

Pvridine

Concen: 31.657 ng

RT: 3.41 min Scan# 106

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

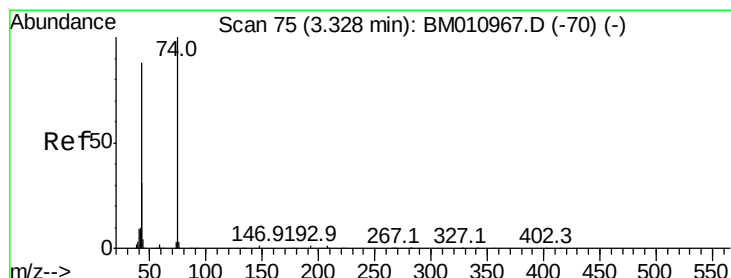
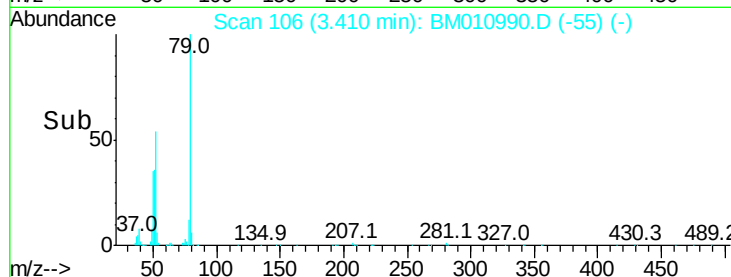
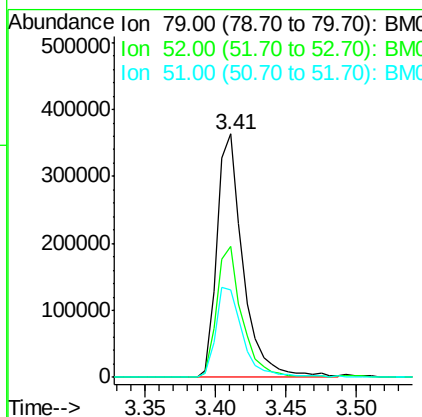
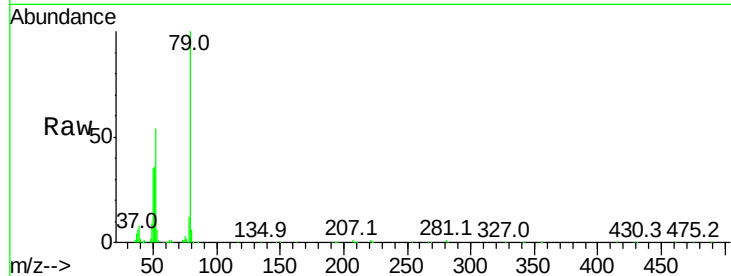
ClientSampleId :

PB100967BS

Tot Ion:	79	Resp:	469323
Ion Ratio	Lower	Upper	
79	100		
52	53.7	51.1	76.7
51	36.2	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 42.147 ng

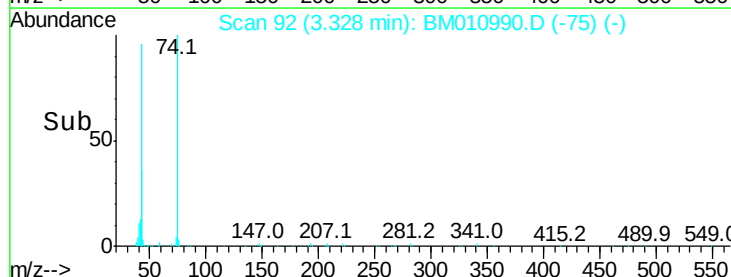
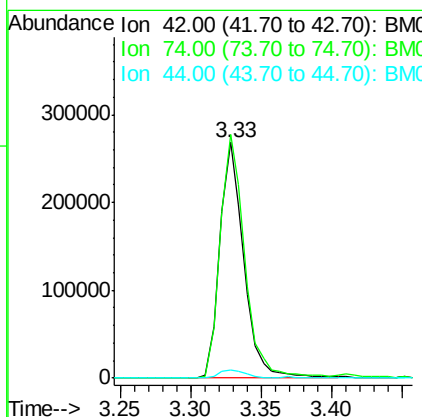
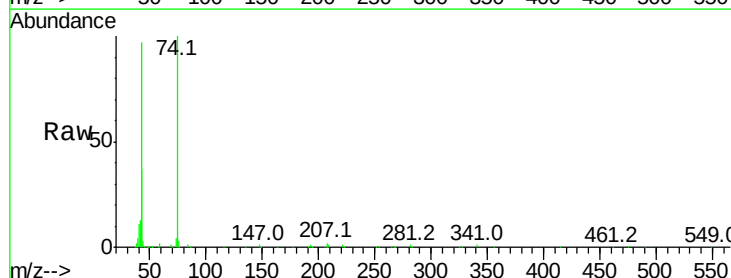
RT: 3.33 min Scan# 92

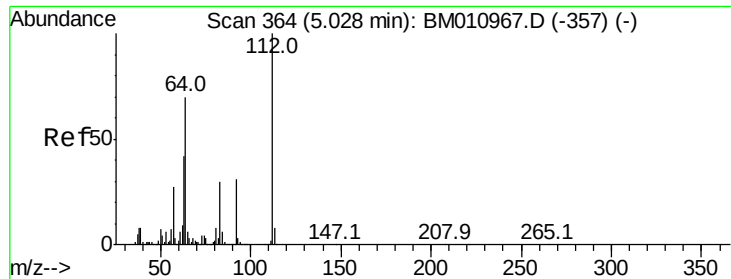
Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Tgt Ion:	42	Resp:	318421
Ion Ratio	Lower	Upper	
42	100		
74	103.3	119.3	178.9#
44	3.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 142.484 ng

RT: 5.03 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampleId :

PB100967BS

Tot Ion:112 Resp: 1722390

Ion Ratio Lower Upper

112 100

64 65.8 38.6 57.8#

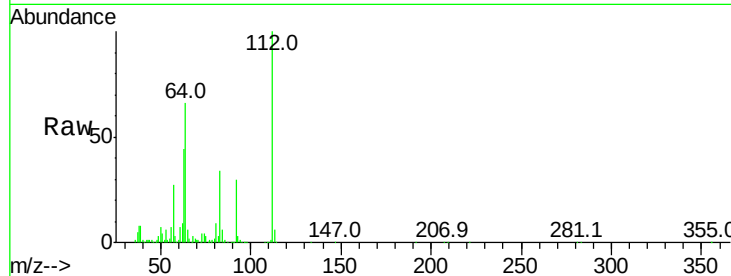
63 43.7 19.3 28.9#

Manual Integrations

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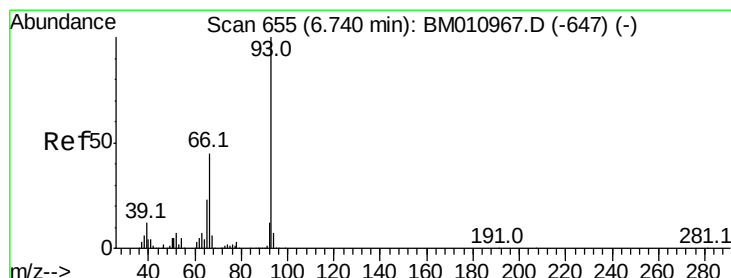
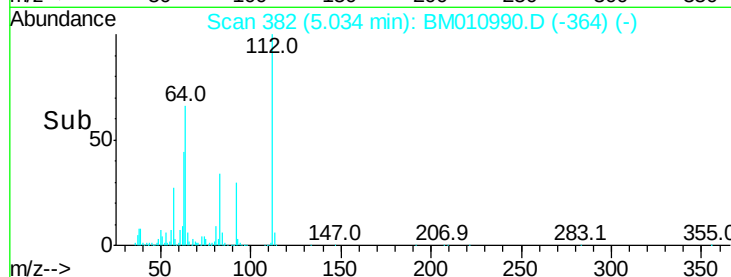
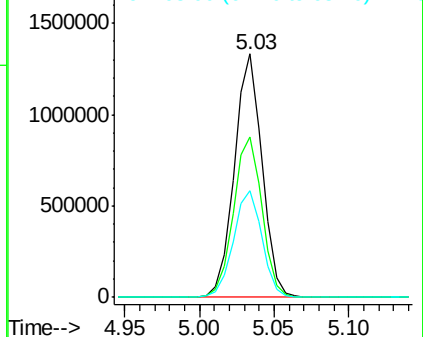
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 37.299 ng

RT: 6.74 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

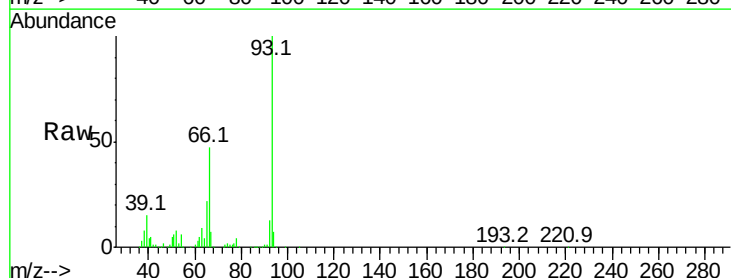
Tgt Ion: 93 Resp: 807394

Ion Ratio Lower Upper

93 100

66 47.4 30.8 46.2#

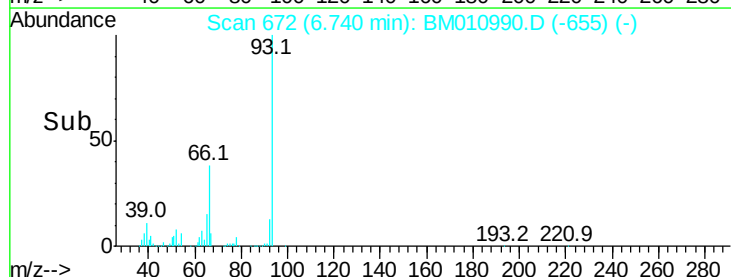
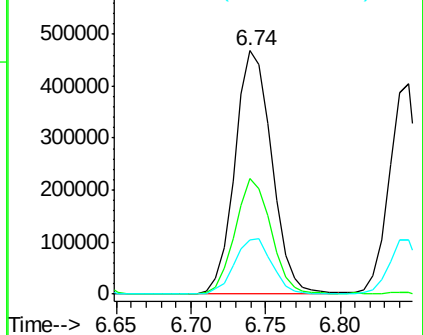
65 22.0 16.0 24.0

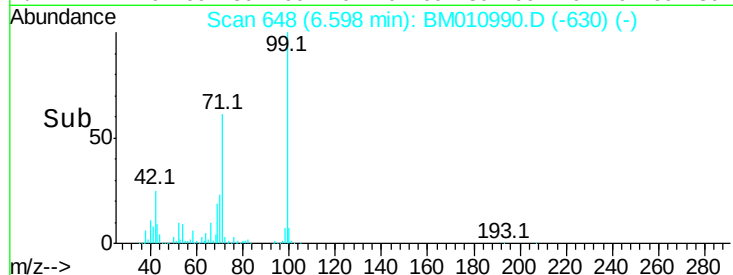
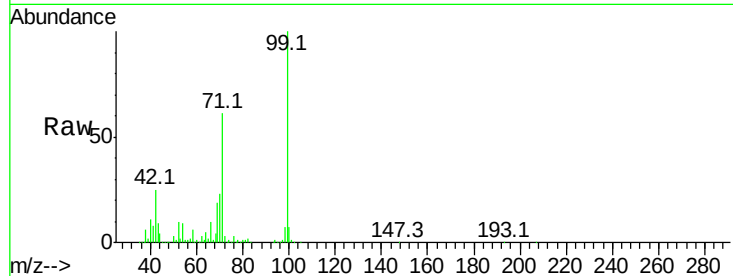
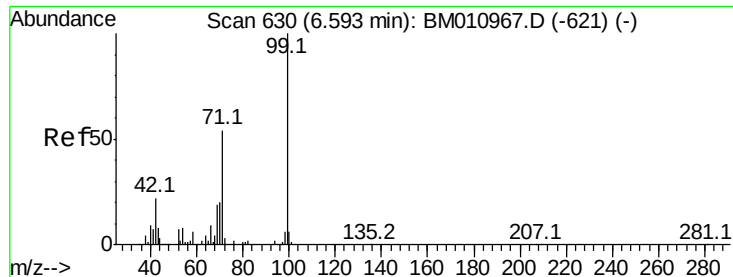


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 137.888 ng

RT: 6.60 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM010990.D

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Tot Ion:	99	Resp:	2368277
Ion	Ratio	Lower	Upper
99	100		
42	25.2	11.0	16.4#
71	60.9	23.4	35.2#

Instrument :

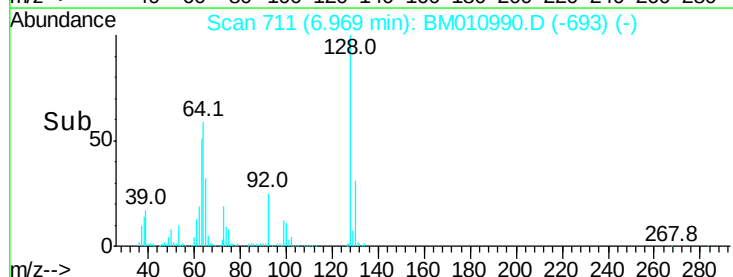
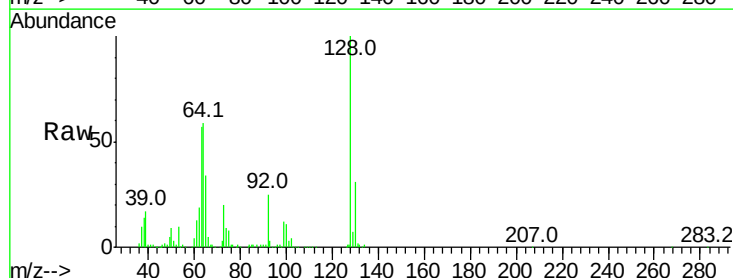
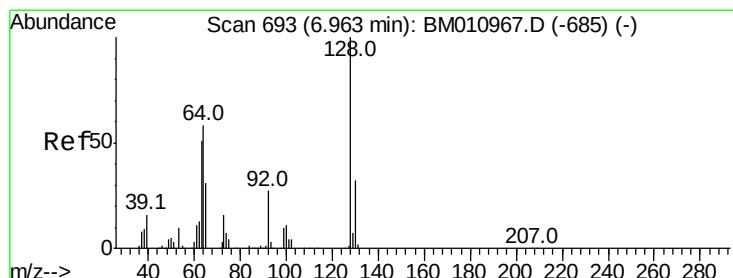
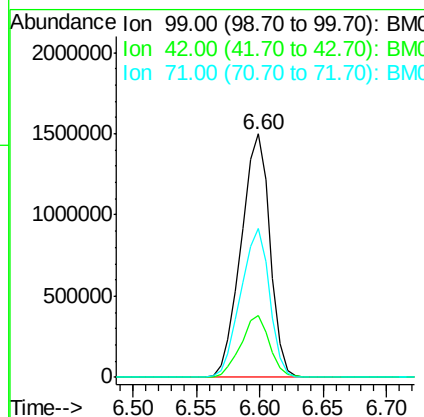
BNA_M

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#8

2-Chlorophenol

Concen: 42.271 ng

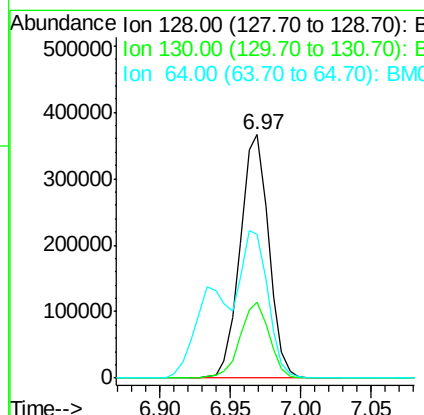
RT: 6.97 min Scan# 711

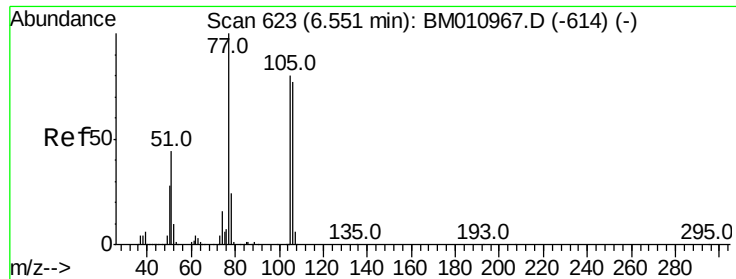
Delta R.T. 0.01 min

Lab File: BM010990.D

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Tgt Ion:	128	Resp:	518782
Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.0	52.0
64	58.9	24.9	64.9





#9

Benzaldehyde

Concen: 19.243 ng

RT: 6.55 min Scan# 640

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

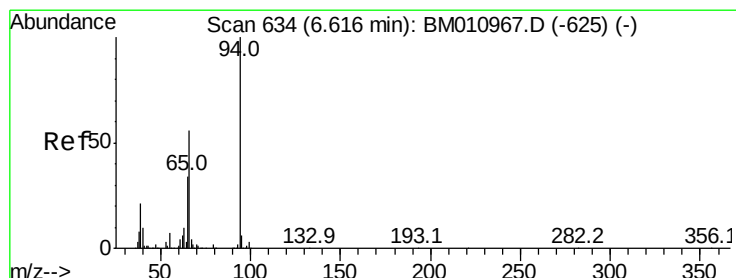
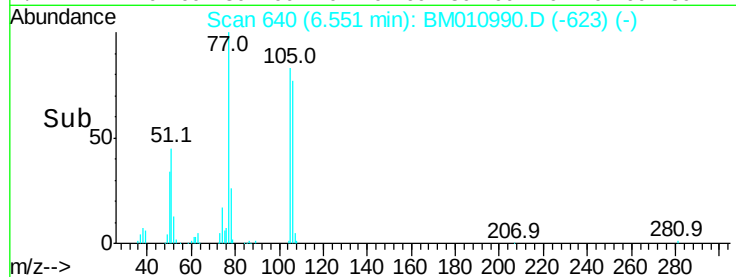
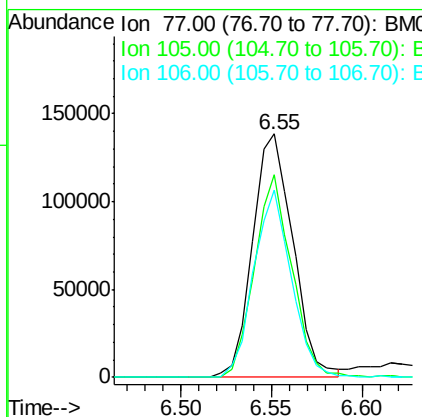
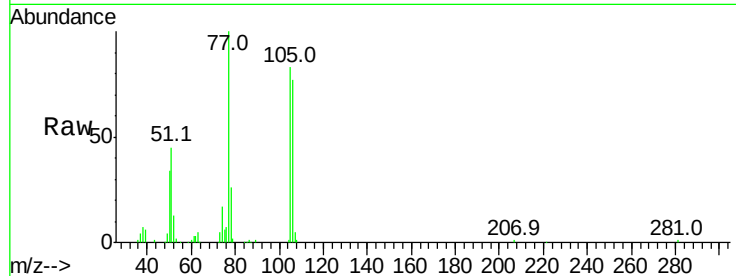
ClientSampleId :

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Tot Ion:	77	Resp:	213840
Ion	Ratio	Lower	Upper
77	100		
105	83.3	78.8	118.8
106	77.0	73.7	113.7

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#10

Phenol

Concen: 42.800 ng

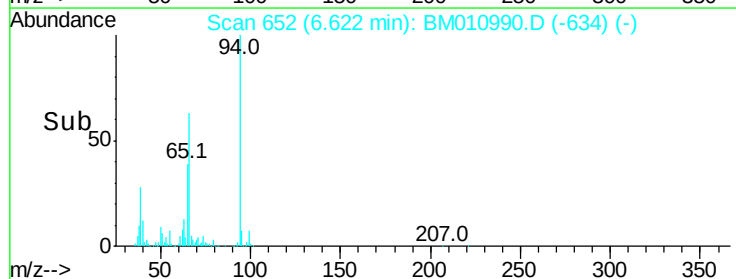
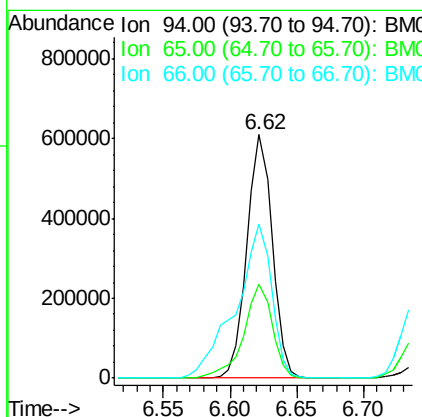
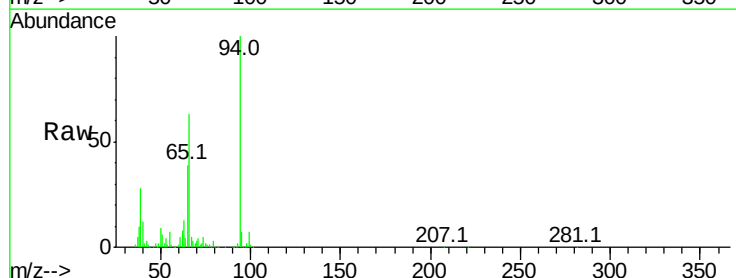
RT: 6.62 min Scan# 652

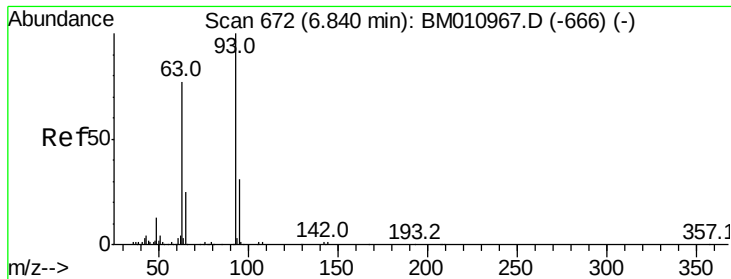
Delta R.T. 0.01 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Tgt Ion:	94	Resp:	798446
Ion	Ratio	Lower	Upper
94	100		
65	38.6	18.8	58.8
66	63.1	39.9	79.9





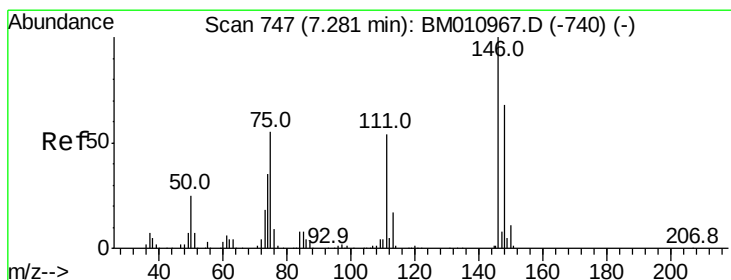
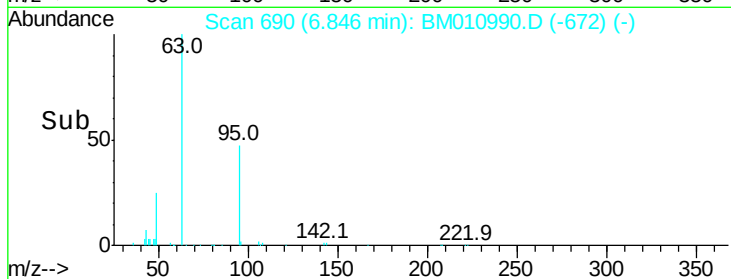
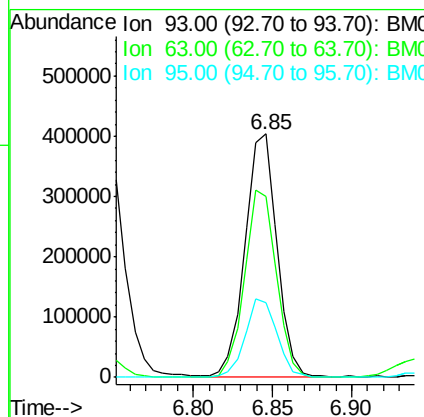
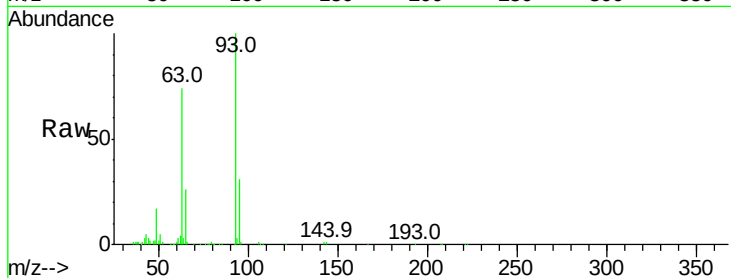
#11
bis(2-Chloroethyl)ether
Concen: 38.618 ng
RT: 6.85 min Scan# 690
Delta R.T. 0.01 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampled :
PB100967BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	49.5	89.5
95	30.6	13.5	53.5

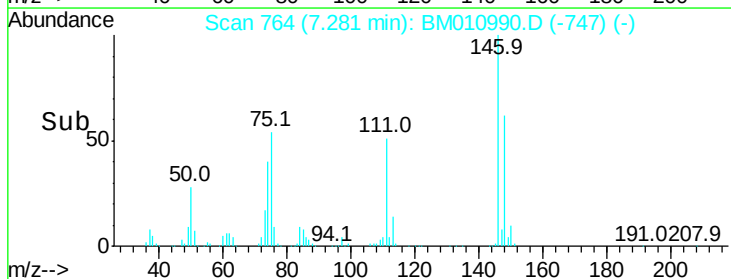
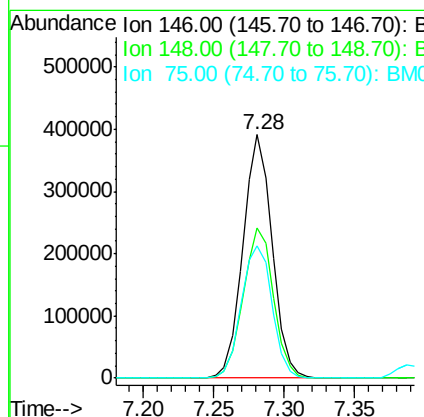
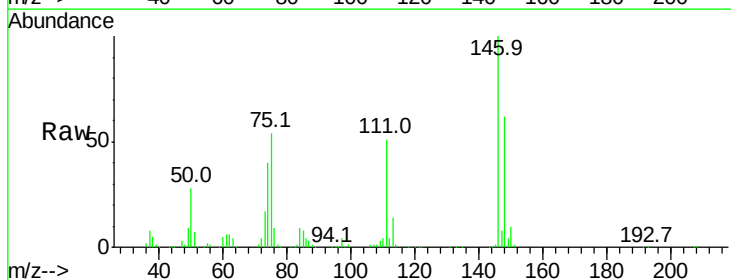
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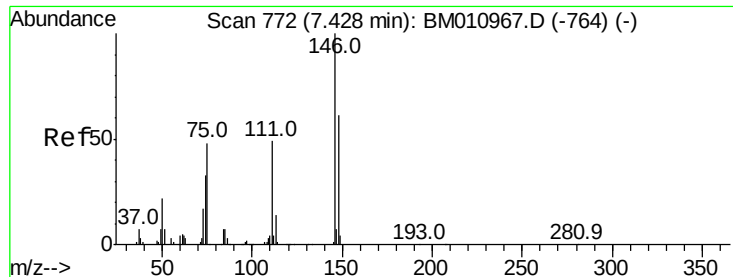
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#12
1,3-Dichlorobenzene
Concen: 37.911 ng
RT: 7.28 min Scan# 764
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.9	76.3
75	54.2	21.4	32.2





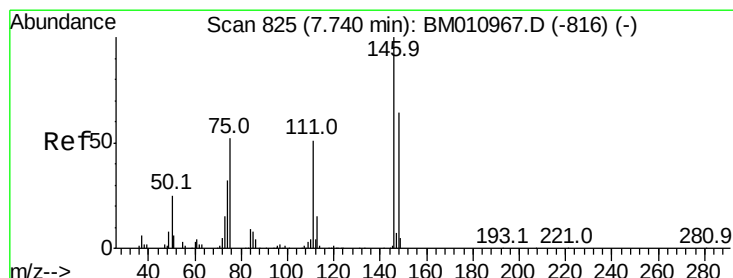
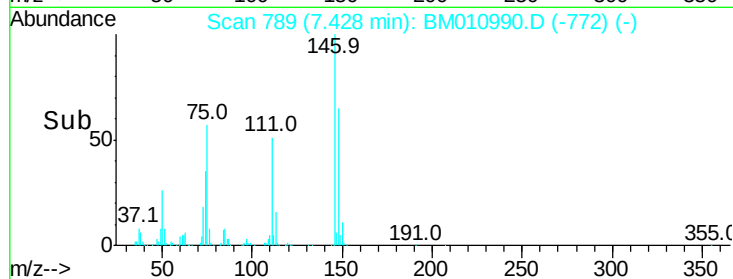
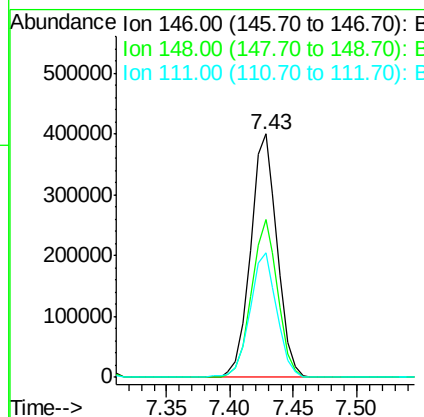
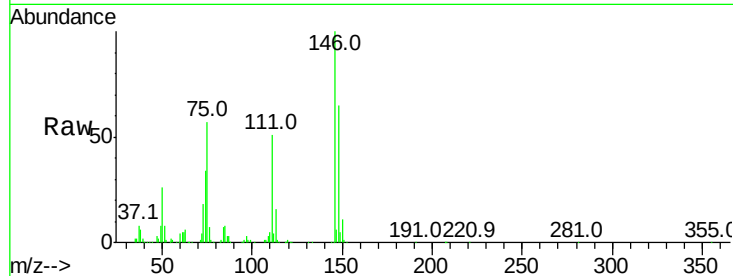
#13
1,4-Dichlorobenzene
Concen: 37.873 ng
RT: 7.43 min Scan# 789
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampled :
PB100967BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	51.0	29.2	43.8

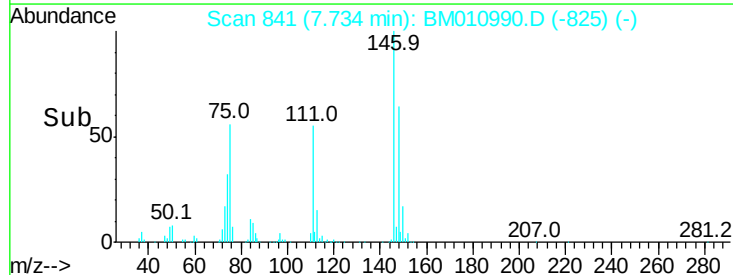
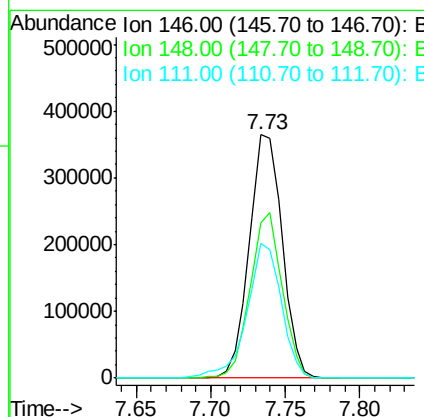
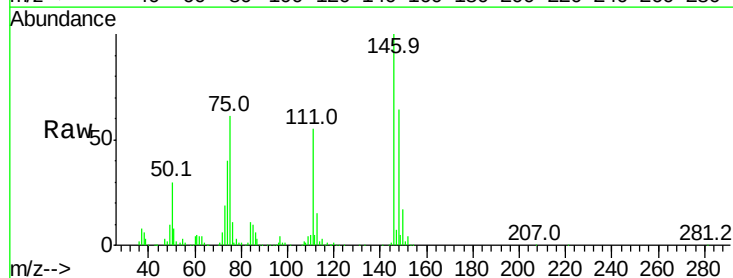
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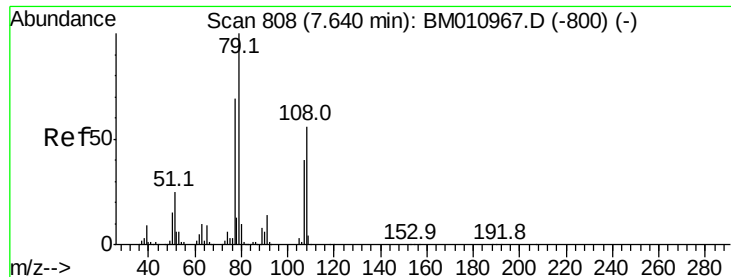
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#14
1,2-Dichlorobenzene
Concen: 37.998 ng
RT: 7.73 min Scan# 841
Delta R.T. -0.01 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.3	78.5
111	55.2	30.6	45.8





#15

Benzyl Alcohol

Concen: 47.406 ng

RT: 7.64 min Scan# 825

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampled :

PB100967BS

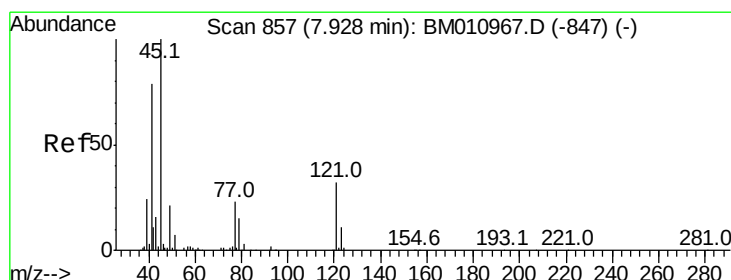
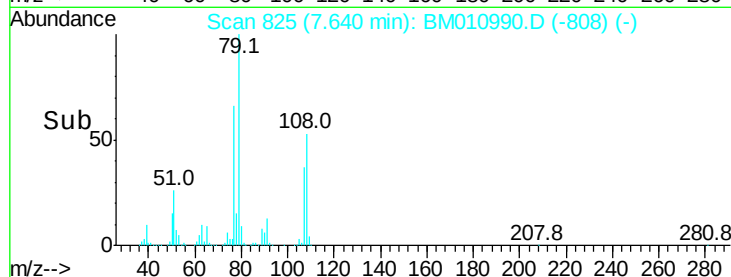
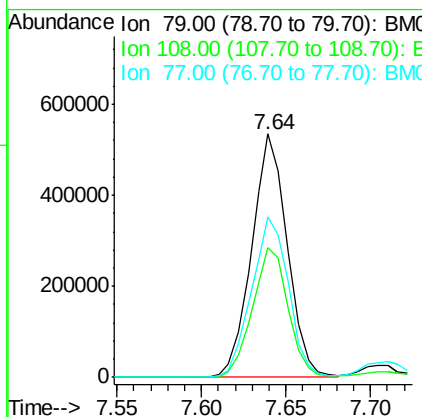
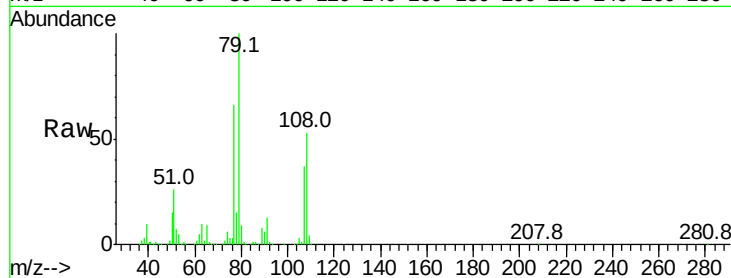
Tot Ion: 79 Resp: 781077
Ion Ratio Lower Upper

79	100		
108	53.1	65.0	97.4#
77	66.0	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.535 ng

RT: 7.93 min Scan# 875

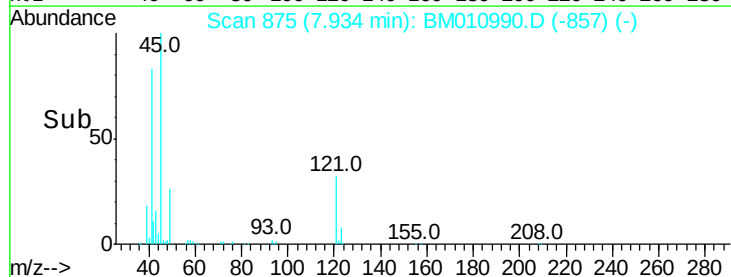
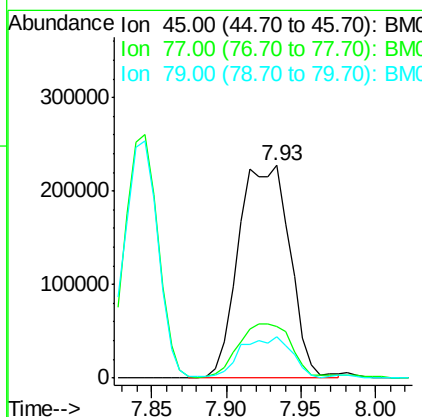
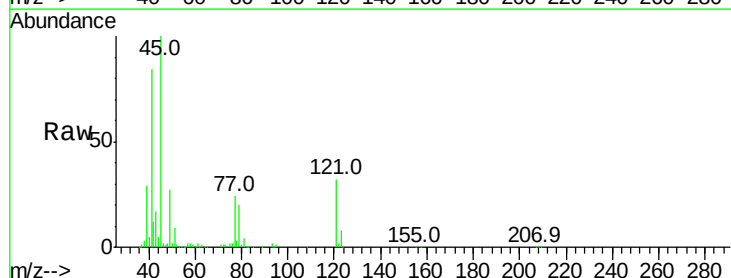
Delta R.T. 0.01 min

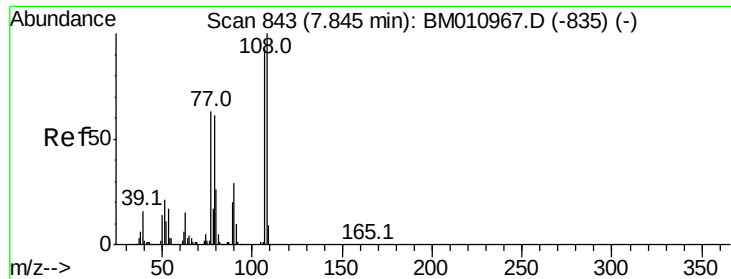
Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Tgt Ion: 45 Resp: 543277
Ion Ratio Lower Upper

45	100		
77	24.2	0.0	35.2
79	19.6	0.0	32.0





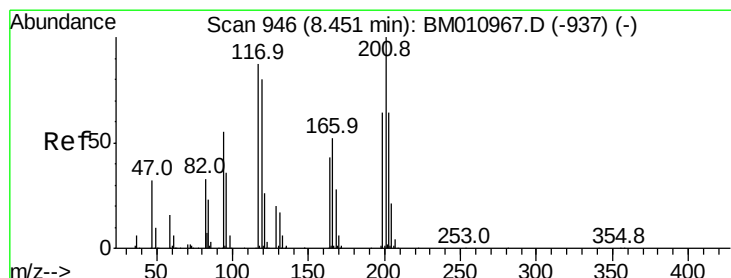
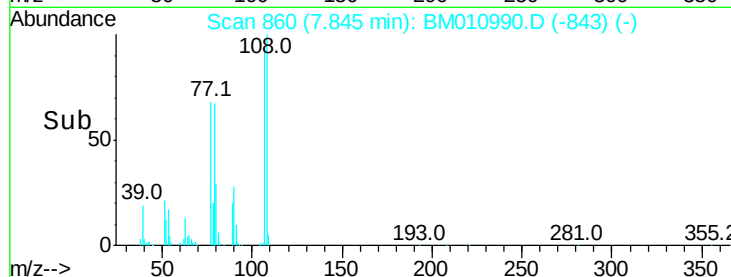
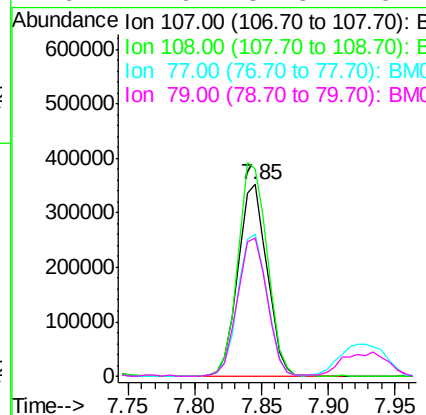
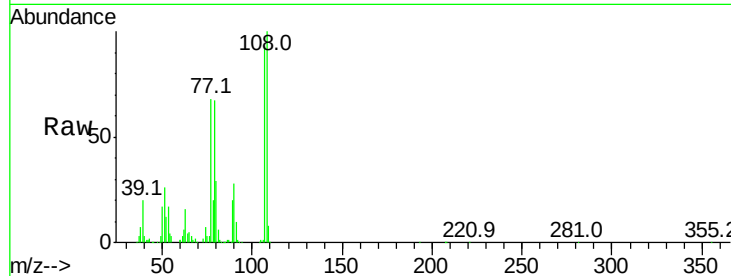
#17
2-Methylphenol
Concen: 44.997 ng
RT: 7.85 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.0	89.8	134.8	
77	73.9	32.6	48.8#	
79	71.9	32.8	49.2#	

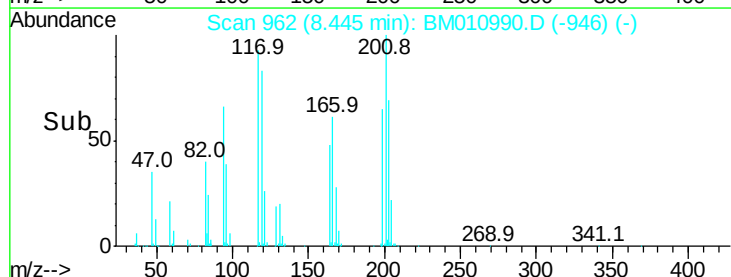
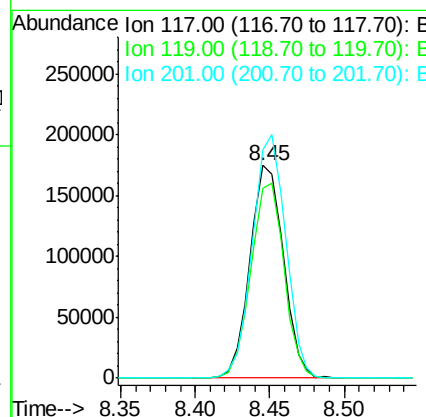
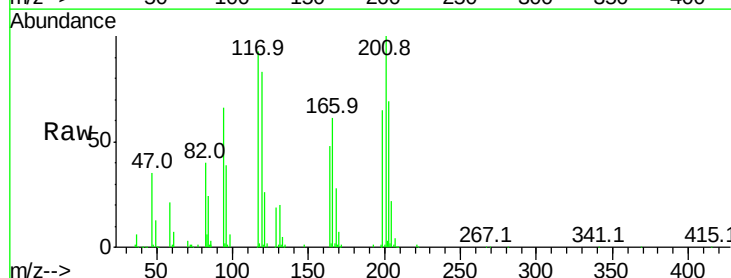
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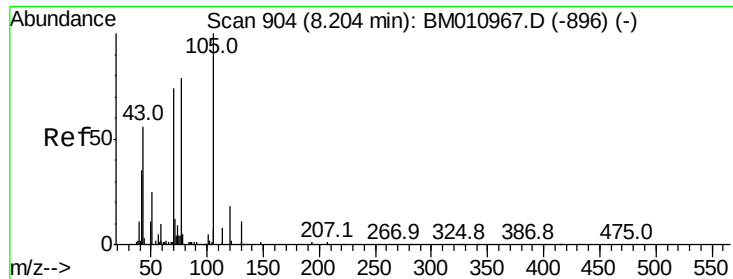
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#18
Hexachloroethane
Concen: 40.462 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.5	79.2	118.8	
201	107.3	69.8	104.6#	





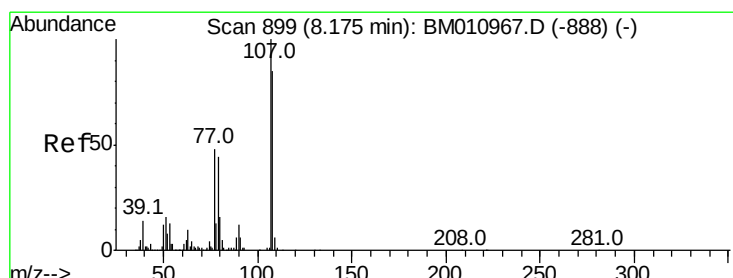
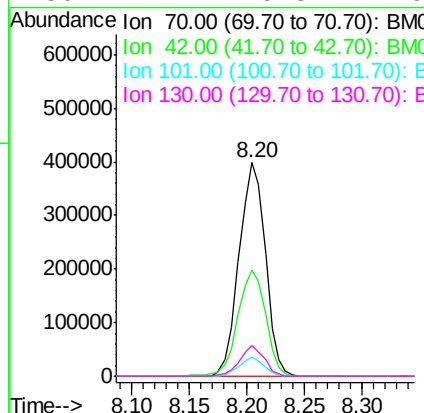
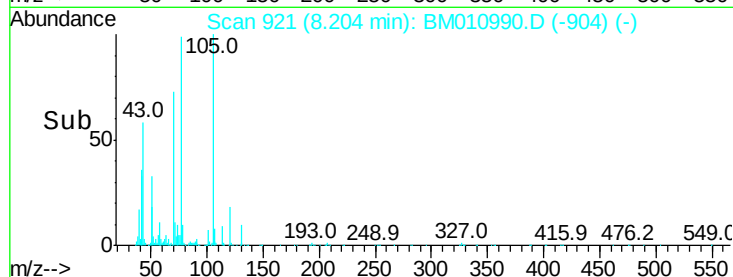
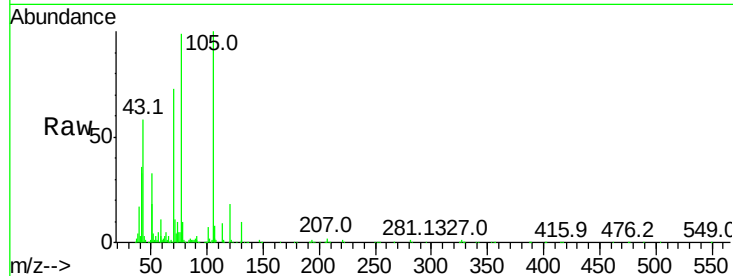
#19
n-Nitroso-di-n-propylamine
Concen: 43.280 ng
RT: 8.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.0	44.5	66.7	
101	9.1	7.4	11.2	
130	14.2	15.3	22.9	

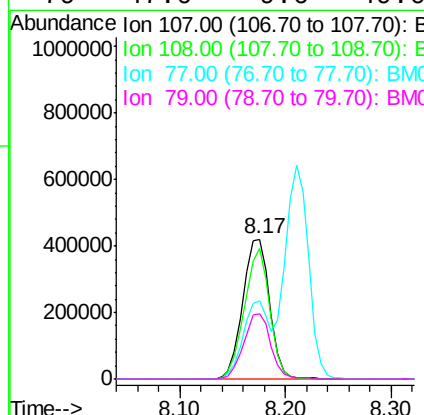
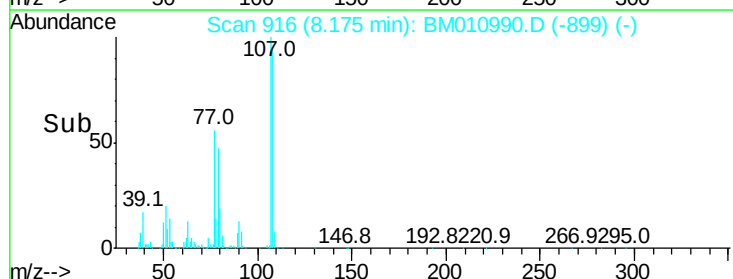
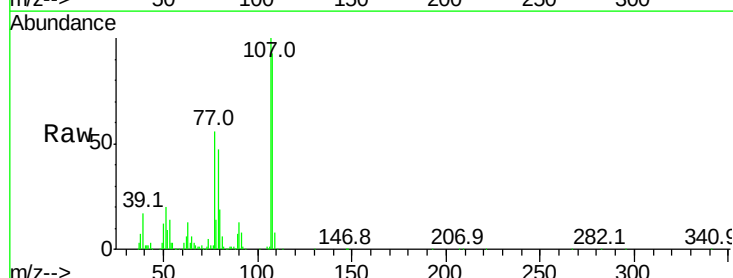
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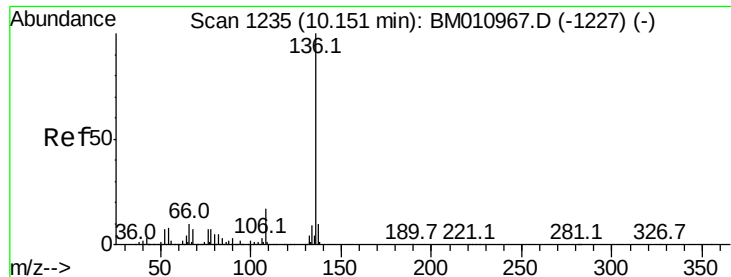
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#20
3+4-Methylphenols
Concen: 44.530 ng
RT: 8.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.5	73.2	113.2	
77	55.6	10.7	50.7	
79	47.0	9.6	49.6	





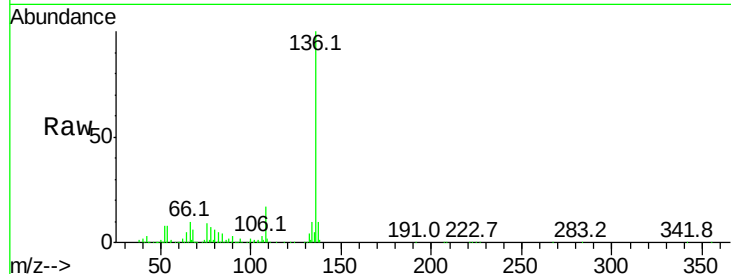
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

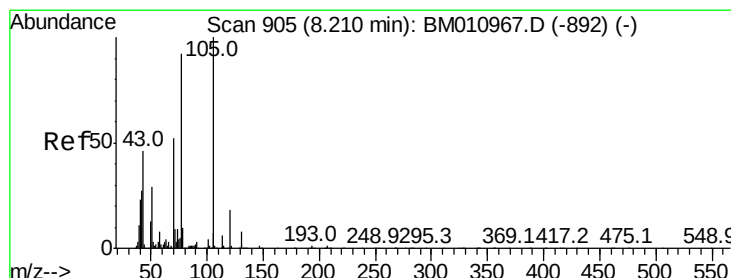
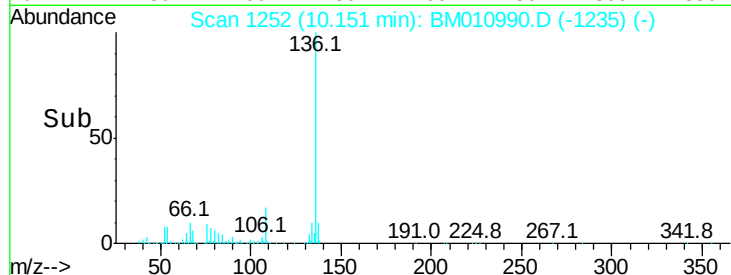
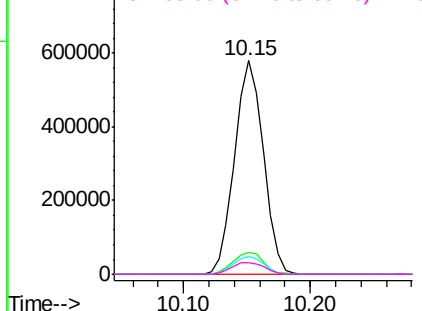
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.7	13.1	
54	8.2	4.6	6.8#	
68	5.7	3.7	5.5#	

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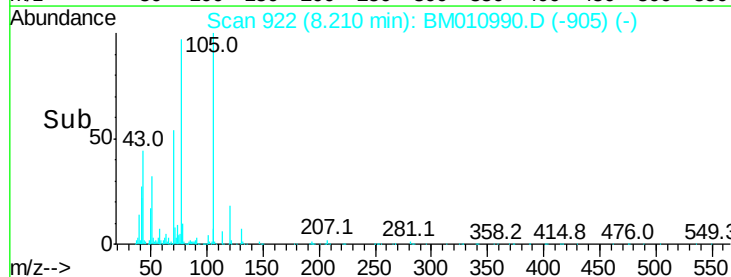
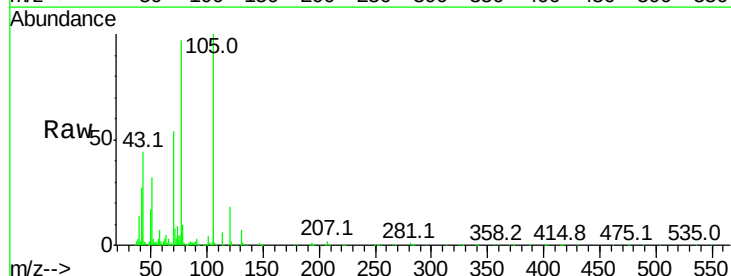
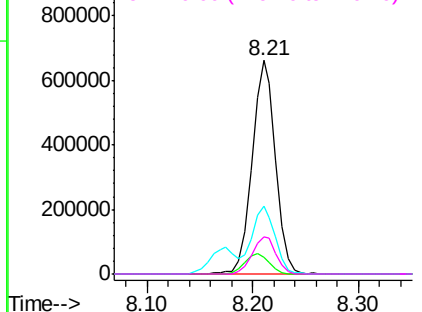
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

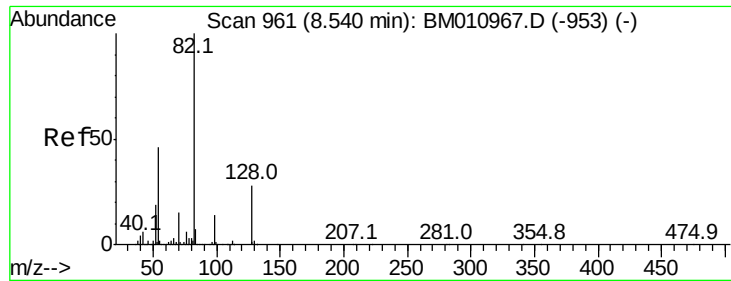


#22
Acetophenone
Concen: 37.234 ng
RT: 8.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.0	0.6	1.0#	
51	31.8	21.6	32.4	
120	17.7	16.1	24.1	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





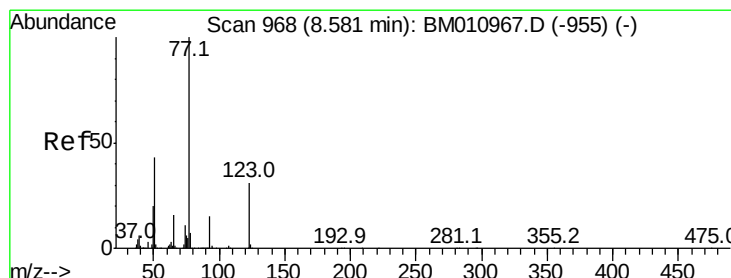
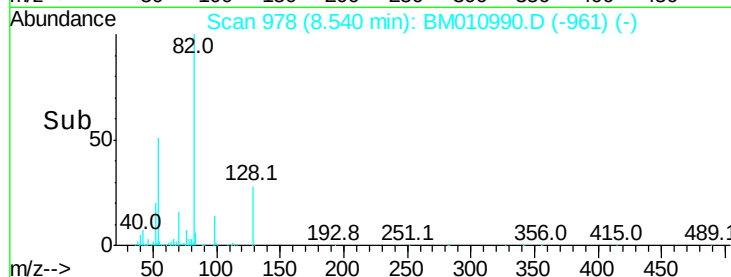
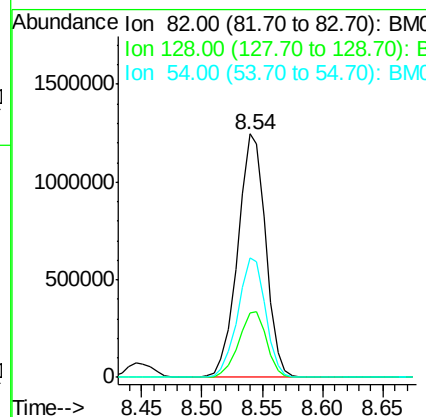
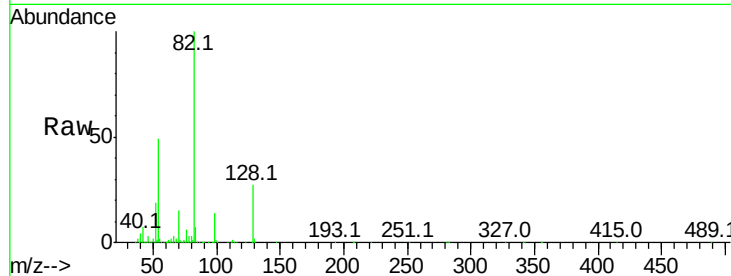
#23
 Nitrobenzene-d5
 Concen: 82.544 ng
 RT: 8.54 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100967BS

Tot Ion: 82 Resp: 2007137
 Ion Ratio Lower Upper
 82 100
 128 26.7 32.8 49.2#
 54 48.9 40.6 60.8

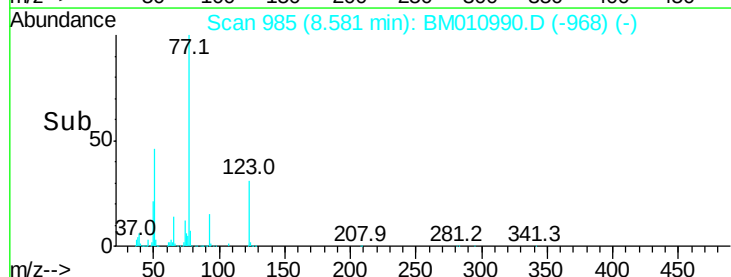
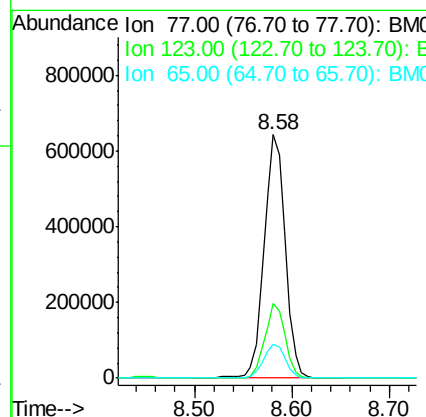
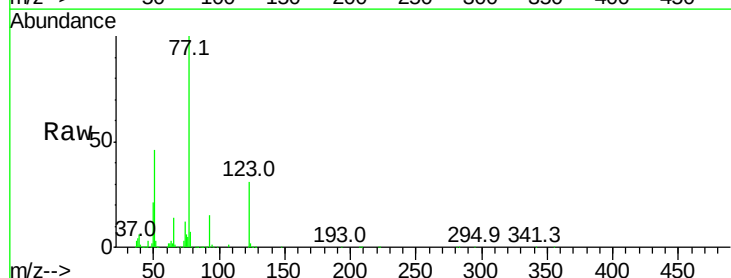
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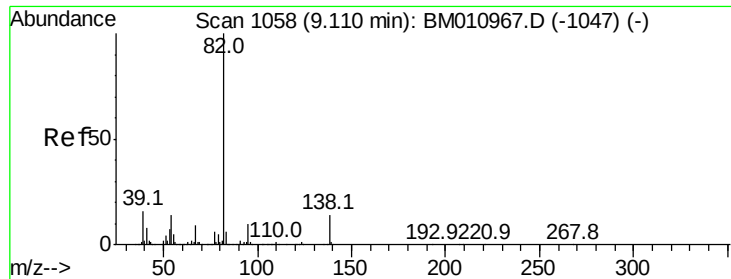
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#24
 Nitrobenzene
 Concen: 38.854 ng
 RT: 8.58 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Tgt Ion: 77 Resp: 979009
 Ion Ratio Lower Upper
 77 100
 123 30.5 32.6 49.0#
 65 13.9 10.9 16.3





#25

Isophorone

Concen: 39.324 ng

RT: 9.10 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampled :

PB100967BS

Tot Ion: 82 Resp: 1594299

Ion Ratio Lower Upper

82 100

95 8.9 5.8 8.6#

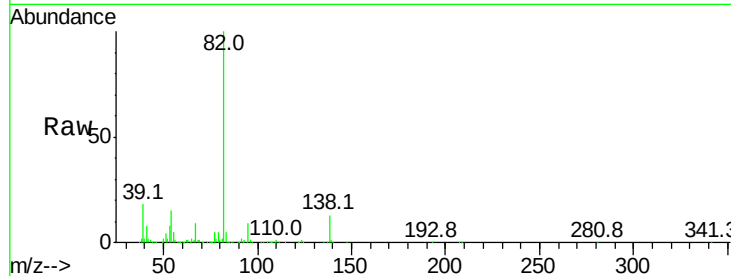
138 12.6 16.3 24.5#

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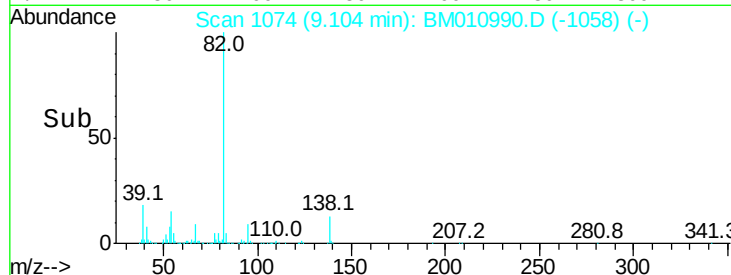


Abundance Ion 82.00 (81.70 to 82.70): BM010990.D (-1058) (-)

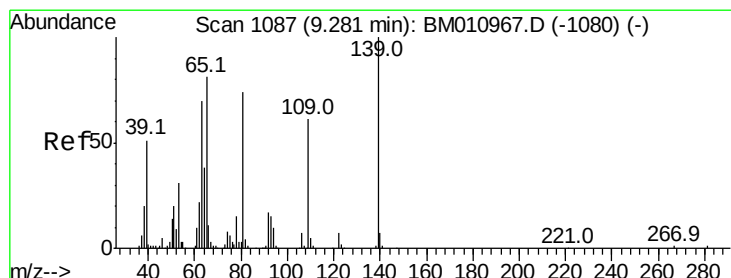
Ion 95.00 (94.70 to 95.70): BM010990.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM010990.D (-1058) (-)

Time-->



Time-->



#26

2-Nitrophenol

Concen: 39.458 ng

RT: 9.28 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

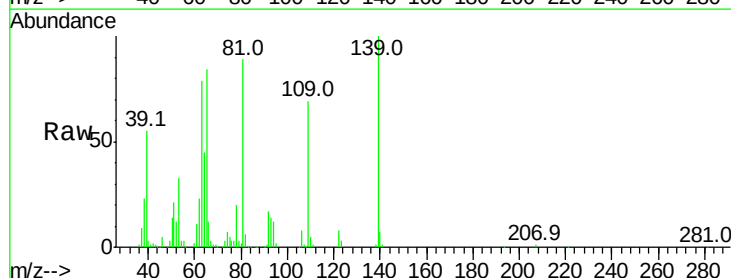
Tgt Ion: 139 Resp: 316347

Ion Ratio Lower Upper

139 100

109 69.4 20.1 30.1#

65 83.7 31.5 47.3#

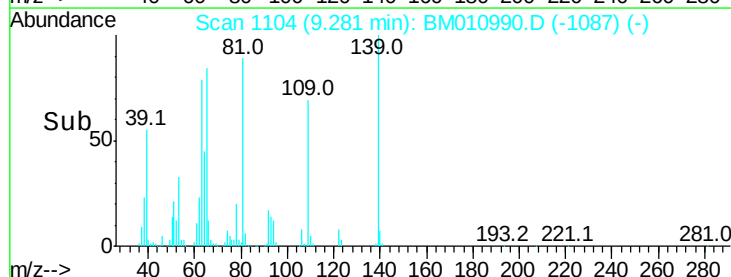


Abundance Ion 139.00 (138.70 to 139.70): BM010990.D (-1087) (-)

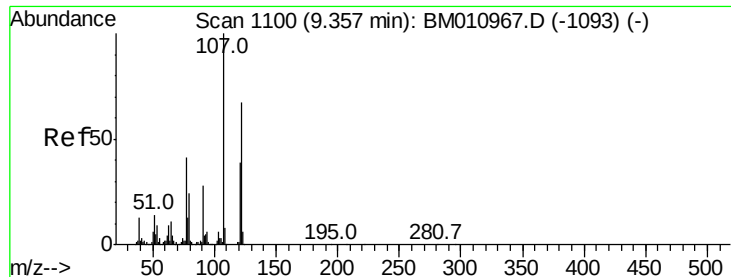
Ion 109.00 (108.70 to 109.70): BM010990.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM010990.D (-1087) (-)

Time-->



Time-->



#27

2,4-Dimethylphenol

Concen: 41.637 ng

RT: 9.36 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampleId :

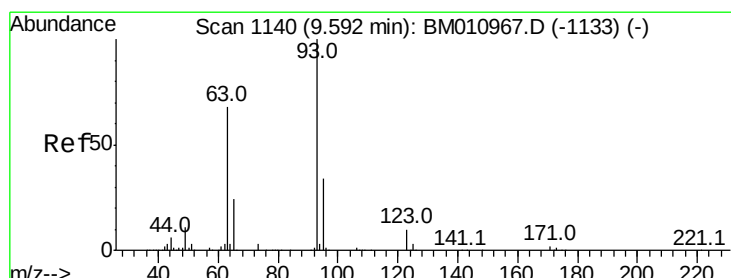
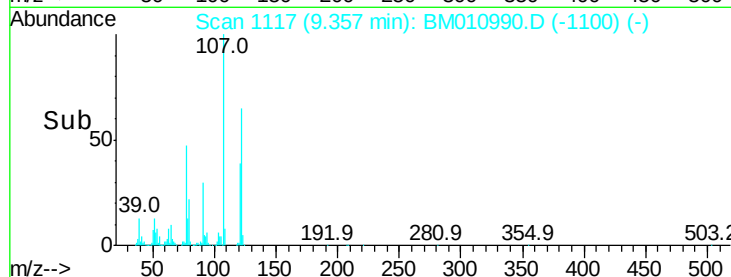
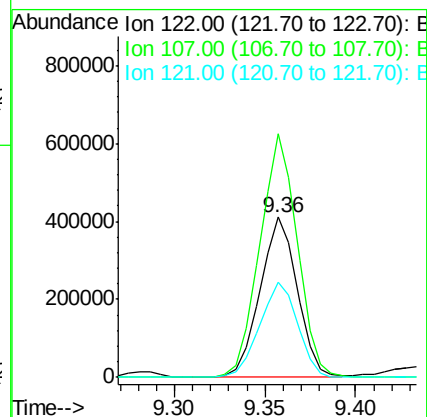
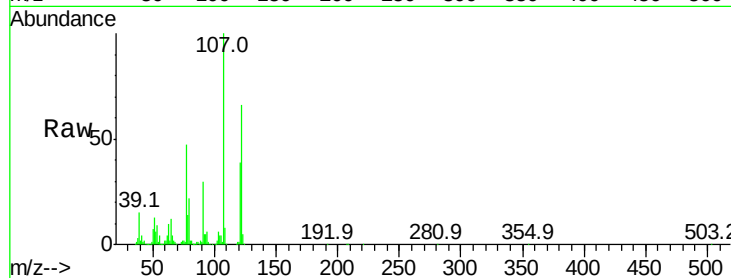
PB100967BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	152.3	84.7	127.1#
121	59.3	46.6	69.8

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#28

bis(2-Chloroethoxy)methane

Concen: 40.439 ng

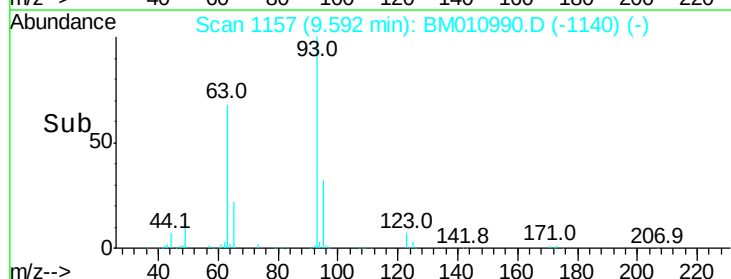
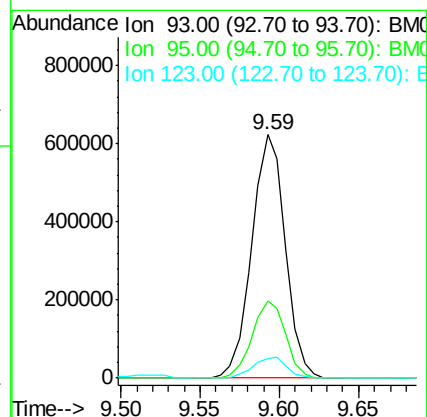
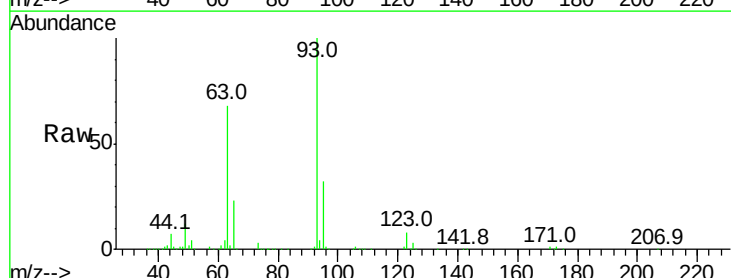
RT: 9.59 min Scan# 1157

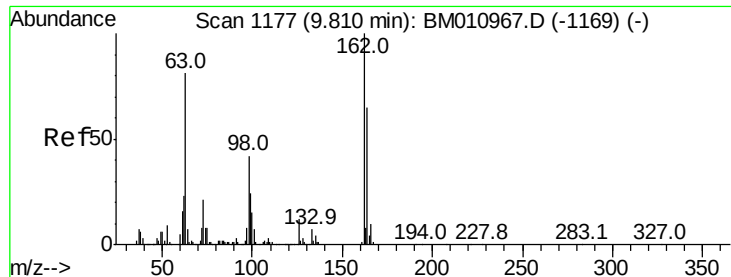
Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.5	38.3
123	8.2	8.6	13.0#





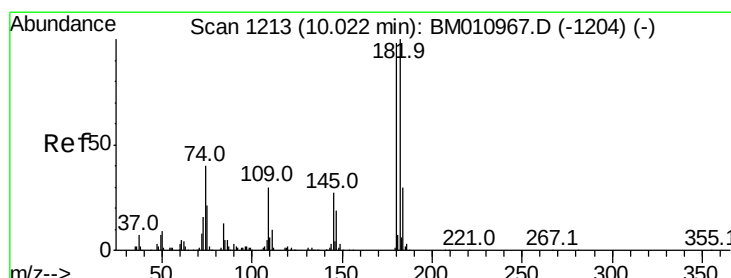
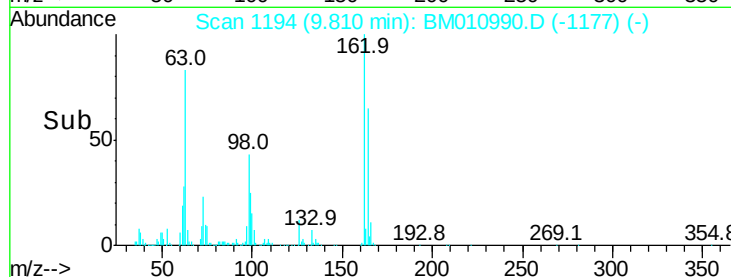
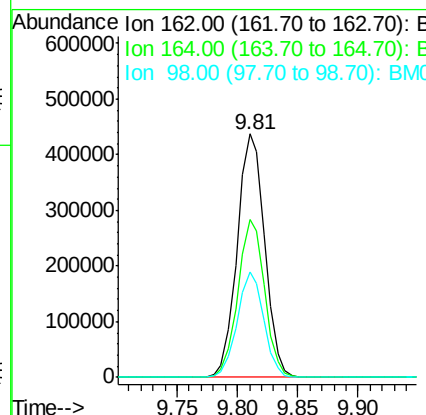
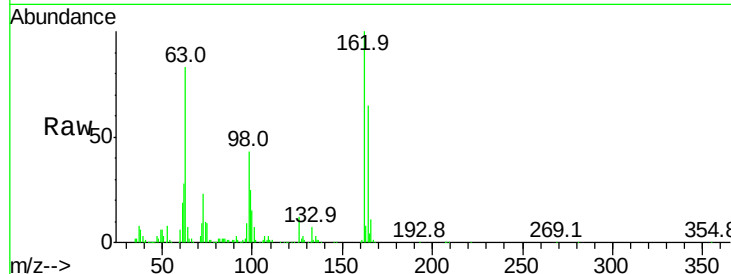
#29
2,4-Dichlorophenol
Concen: 43.870 ng
RT: 9.81 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampled :
PB100967BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	695761		
164	64.9	42.8	82.8	
98	43.0	14.5	54.5	

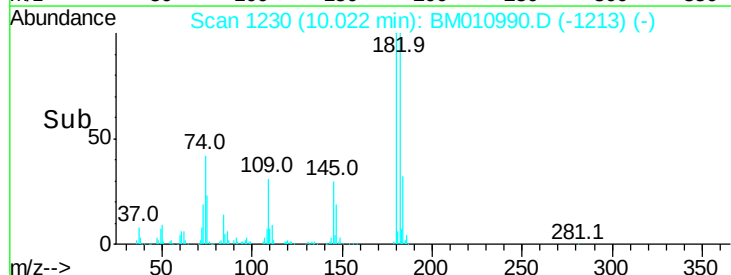
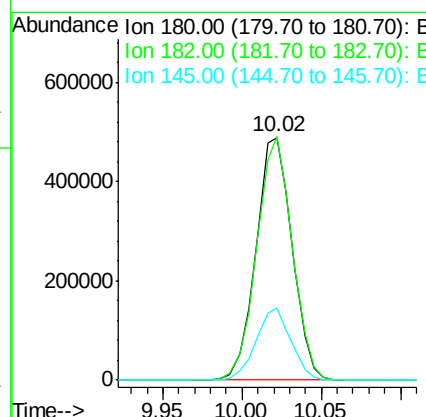
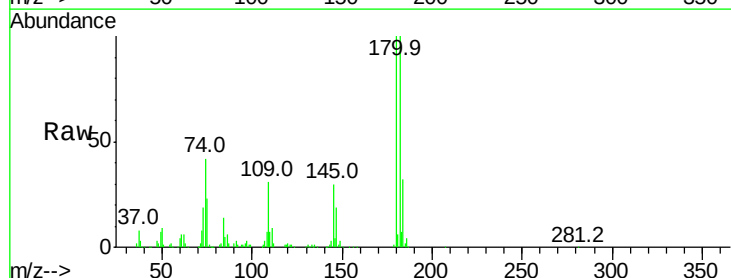
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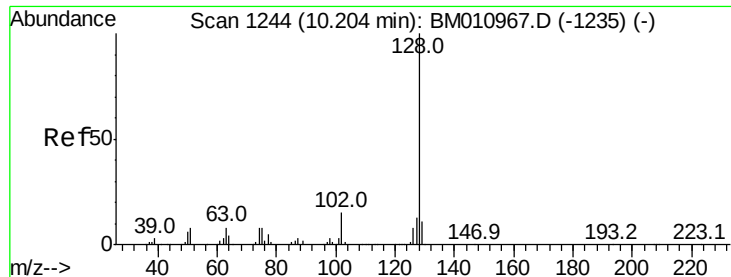
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#30
1,2,4-Trichlorobenzene
Concen: 39.435 ng
RT: 10.02 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	773312		
182	100.4	77.6	116.4	
145	29.7	23.4	35.2	





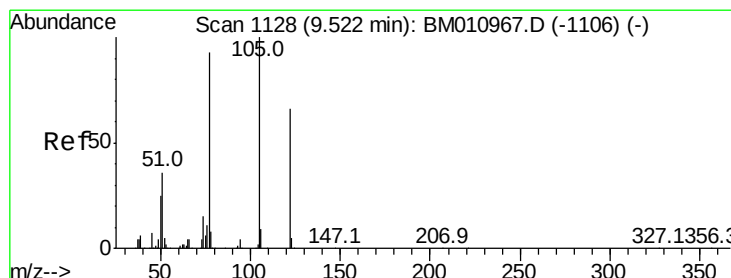
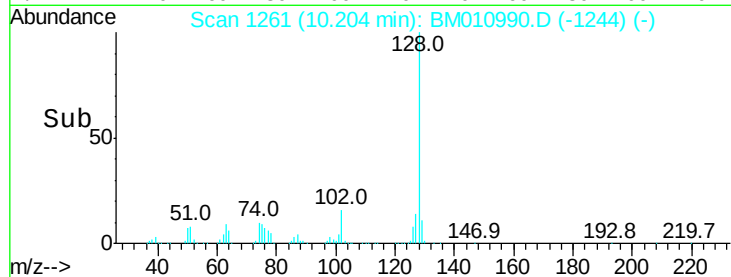
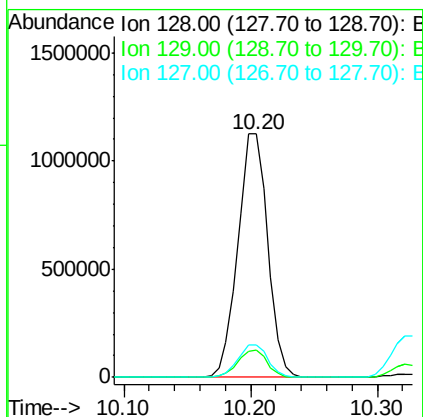
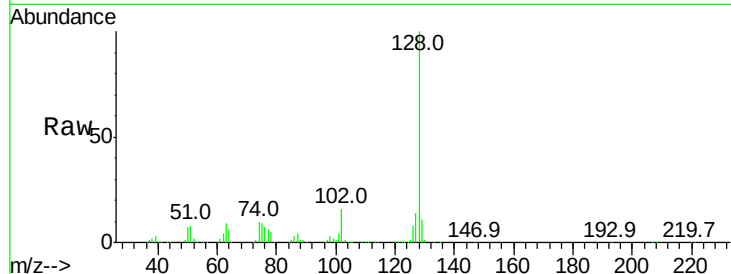
#31
Naphthalene
Concen: 39.942 ng
RT: 10.20 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.5	10.4	15.6

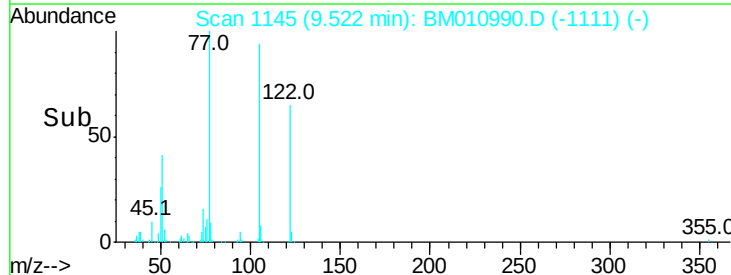
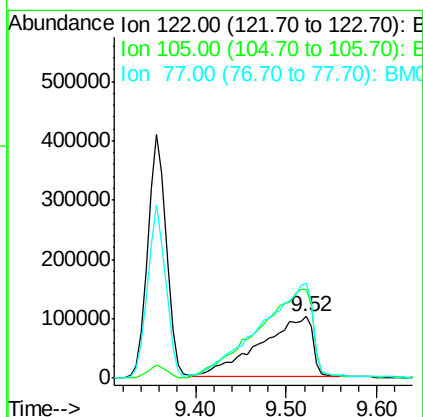
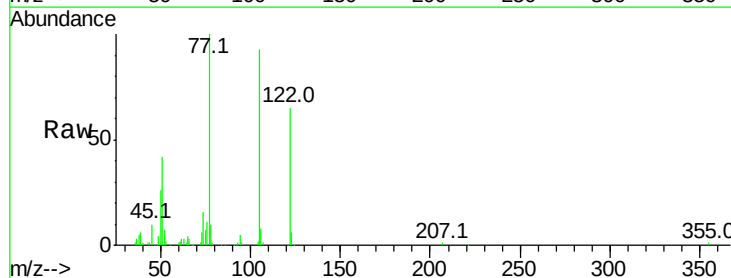
Manual Integrations
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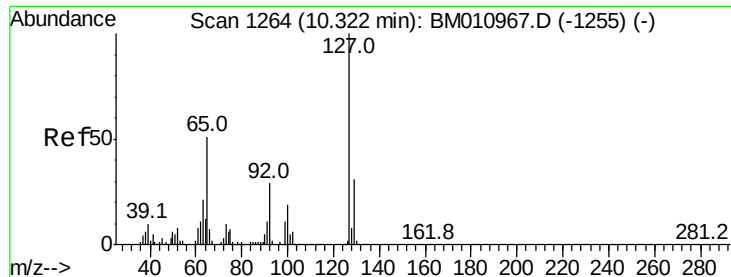
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#32
Benzoic acid
Concen: 36.050 ng
RT: 9.52 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.7	99.9	139.9#
77	155.0	73.7	113.7#





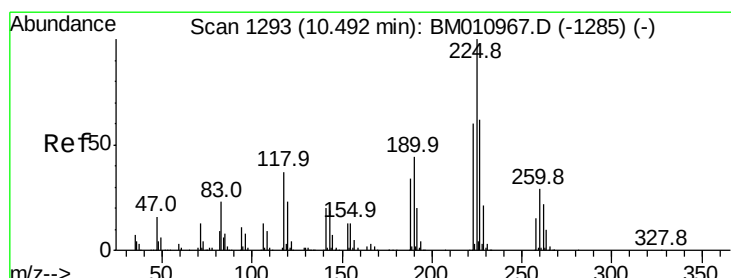
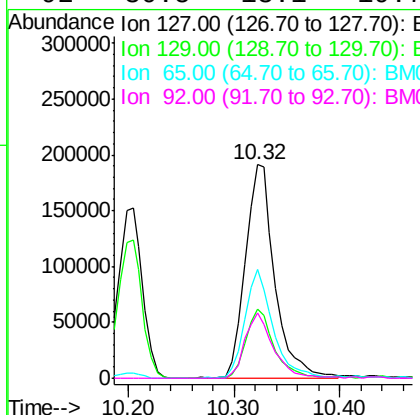
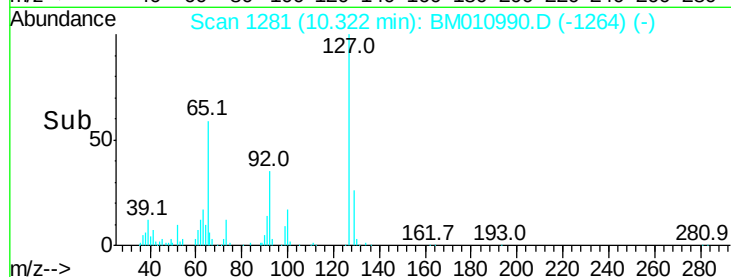
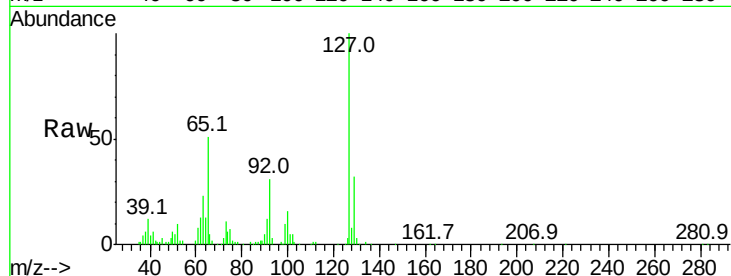
#33
4-Chloroaniline
Concen: 20.194 ng
RT: 10.32 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.4	25.3	37.9
65	51.0	17.6	26.4
92	30.5	13.1	19.7

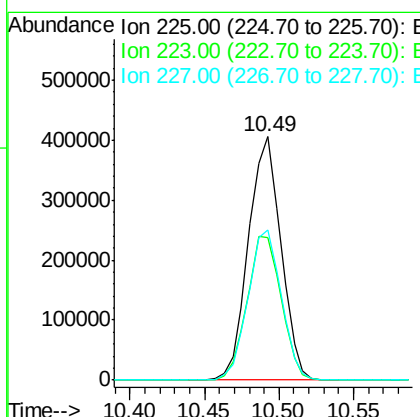
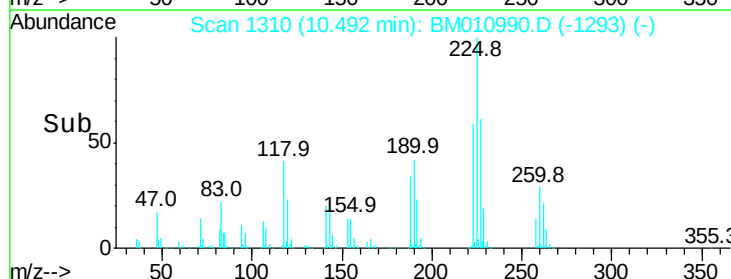
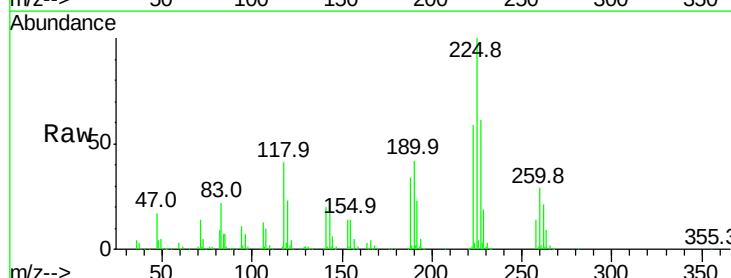
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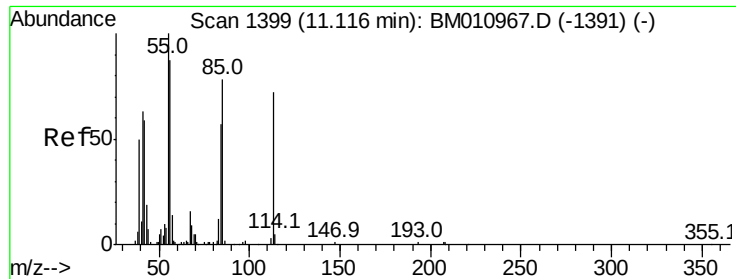
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#34
Hexachlorobutadiene
Concen: 39.479 ng
RT: 10.49 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	58.7	47.9	71.9
227	61.5	50.1	75.1





#35

Caprolactam

Concen: 43.313 ng/ml

RT: 11.12 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

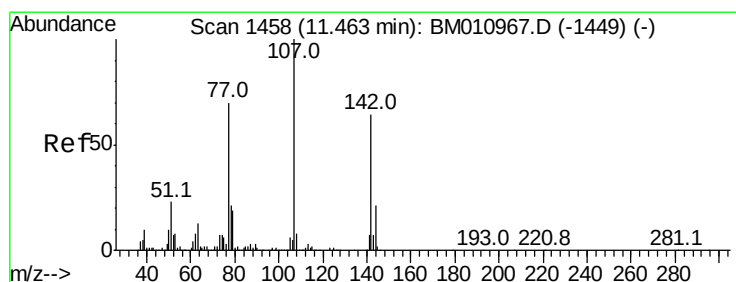
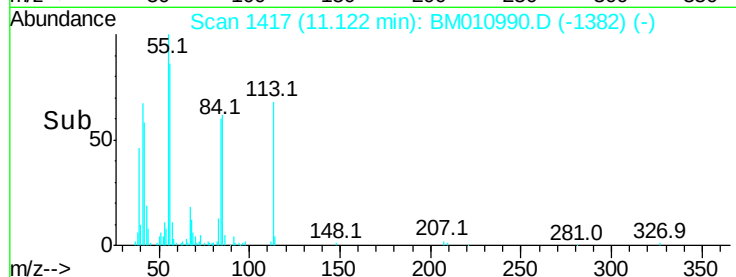
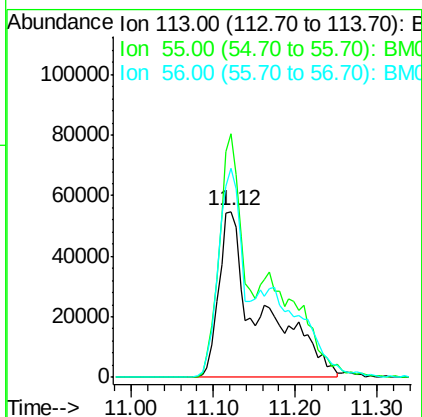
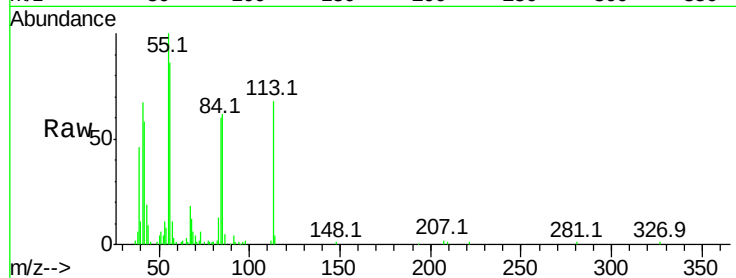
ClientSampled :

PB100967BS

Tot Ion:	113	Resp:	194804
Ion Ratio	Lower	Upper	
113	100		
55	146.6	145.9	185.9
56	126.2	101.0	141.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 42.047 ng/ml

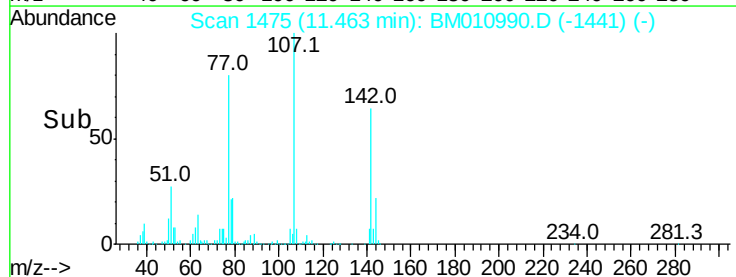
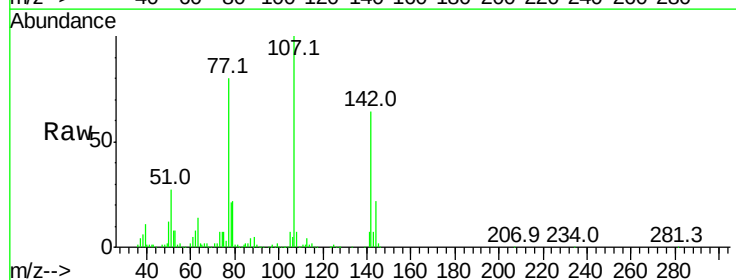
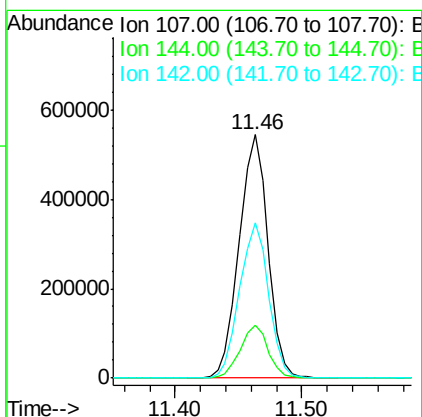
RT: 11.46 min Scan# 1475

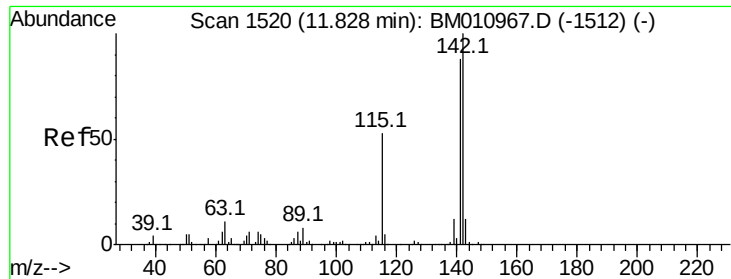
Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Tgt Ion:	107	Resp:	861058
Ion Ratio	Lower	Upper	
107	100		
144	21.8	23.3	34.9#
142	63.6	72.6	109.0#





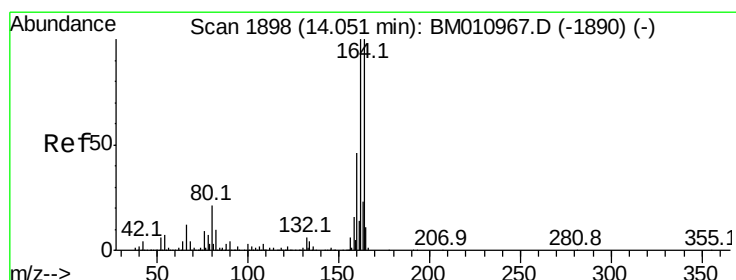
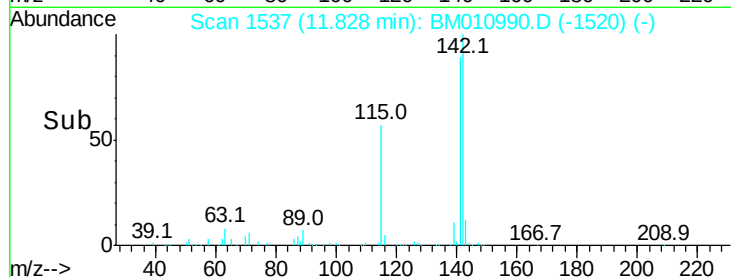
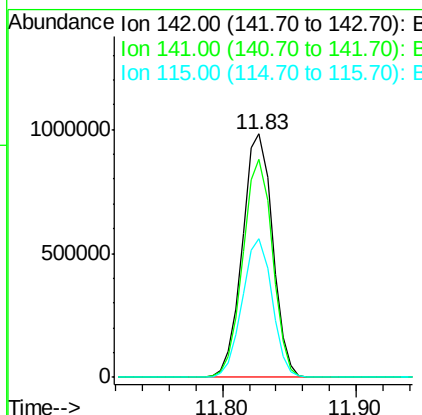
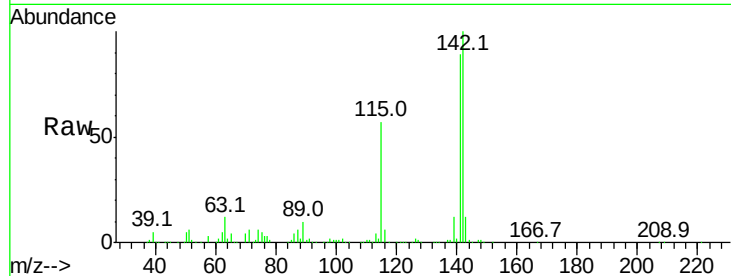
#37
2-Methylnaphthalene
Concen: 45.605 ng
RT: 11.83 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampled :
PB100967BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	57.0	25.4	38.0

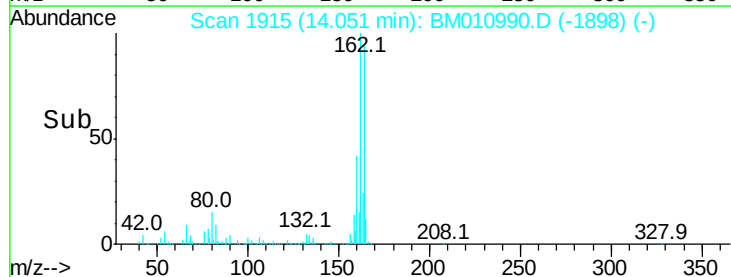
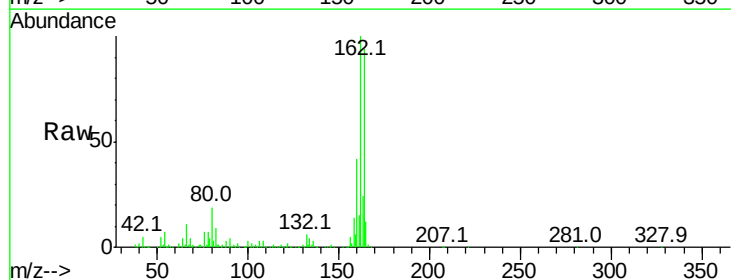
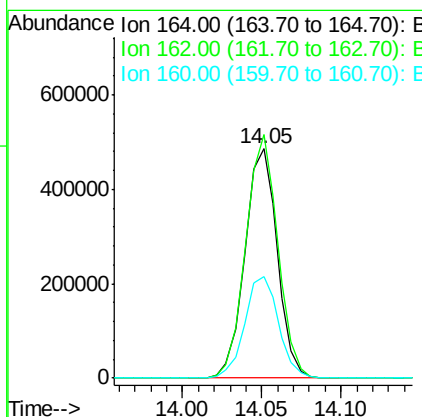
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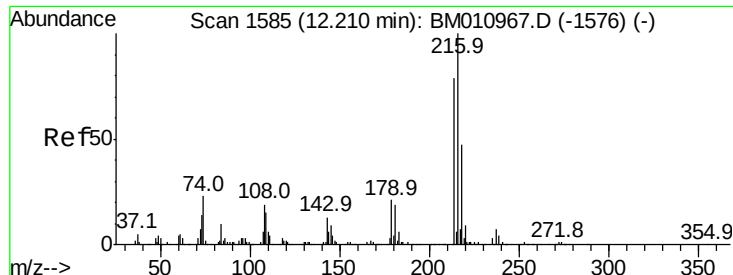
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.4	123.6
160	44.5	35.8	53.6





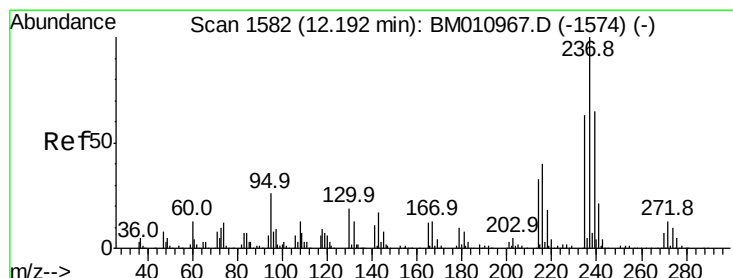
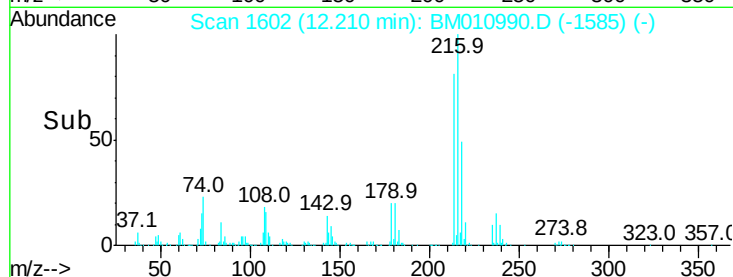
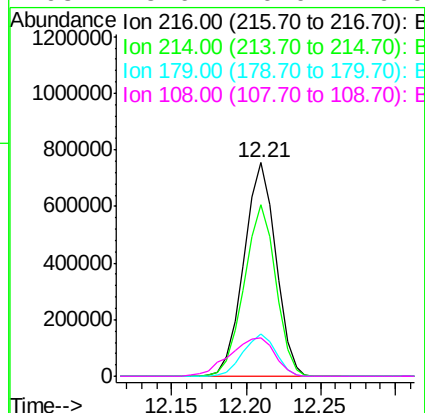
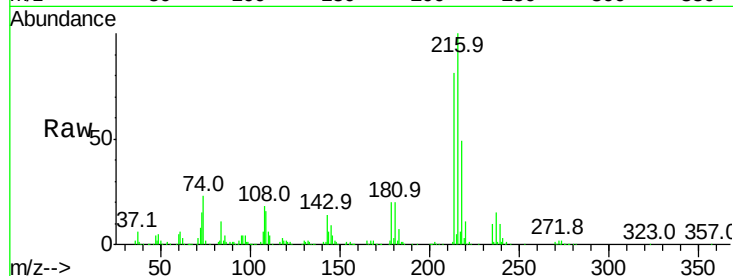
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.760 ng
 RT: 12.21 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Instrument :
 BNA_M
 ClientSampled :
 PB100967BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.7	0.0	0.0#
179	20.5	0.0	0.0#
108	25.6	0.0	0.0#

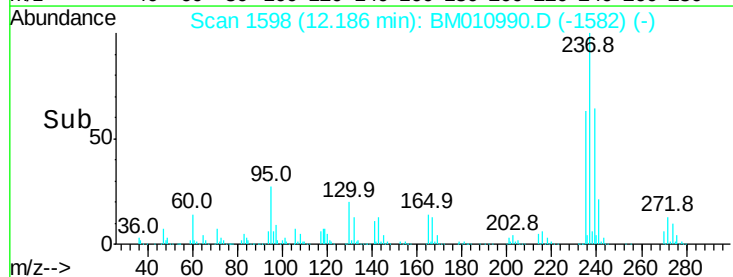
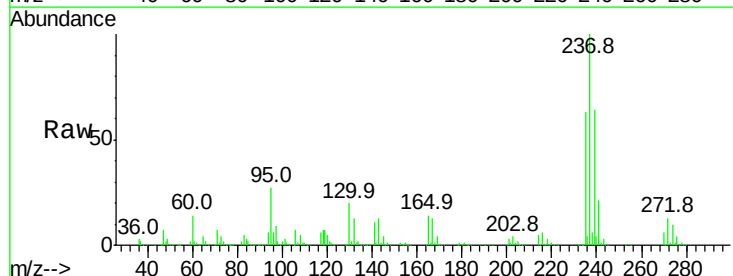
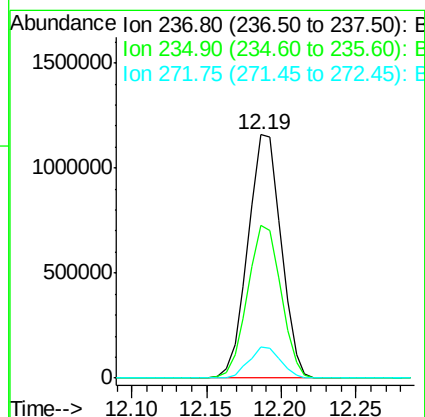
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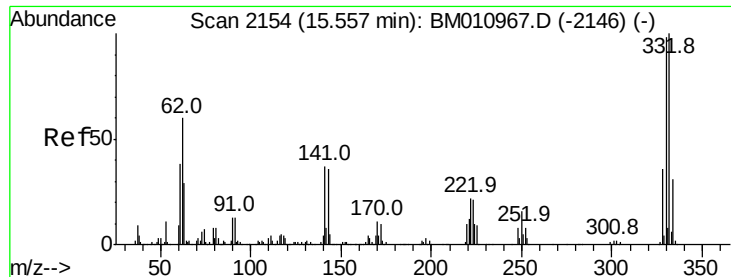
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#40
 Hexachlorocyclopentadiene
 Concen: 103.502 ng
 RT: 12.19 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.0	82.0
272	12.7	0.0	33.4





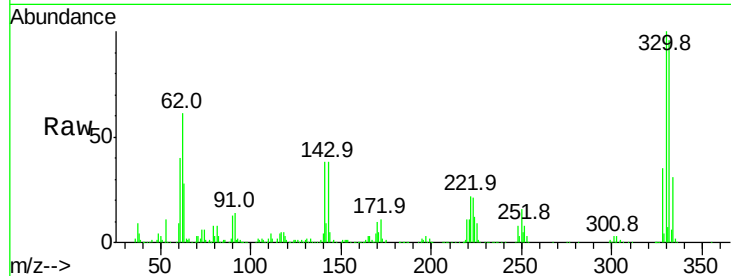
#41
 2,4,6-Tribromophenol
 Concen: 143.899 ng
 RT: 15.56 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100967BS

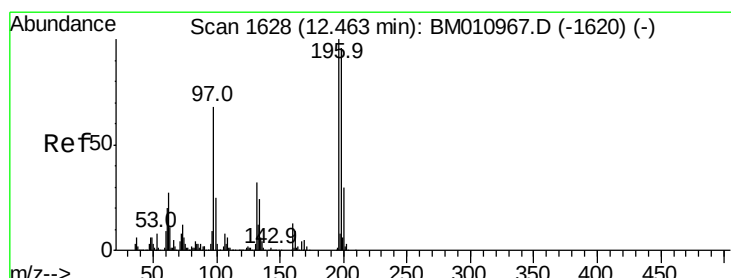
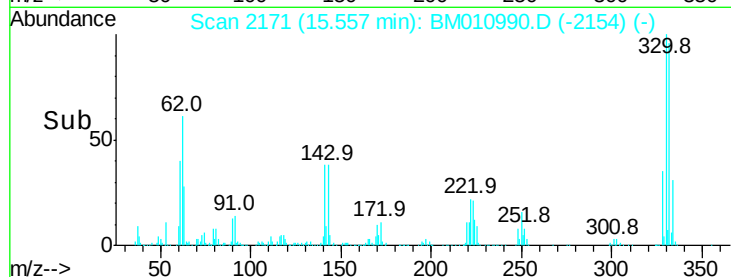
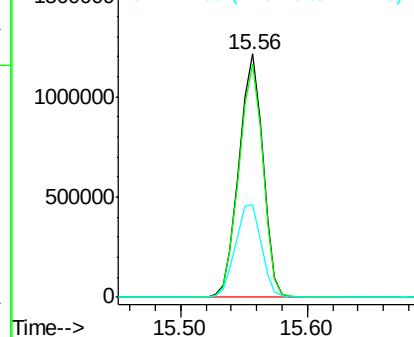
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	41.3	0.0	0.0#

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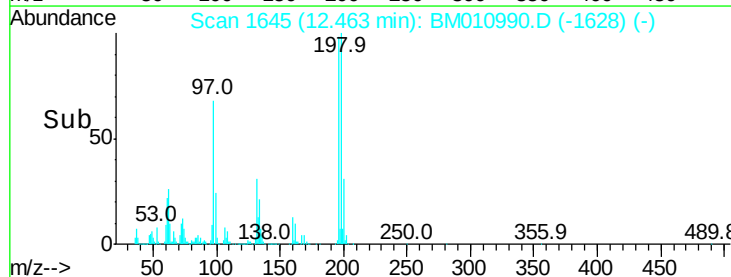
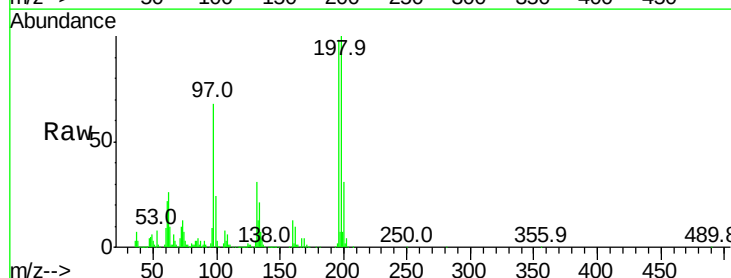
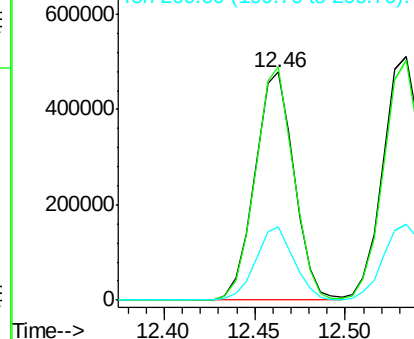
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

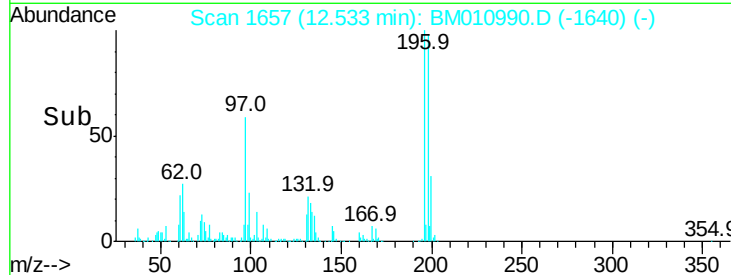
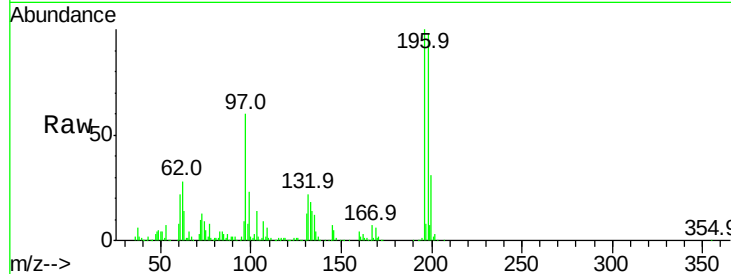
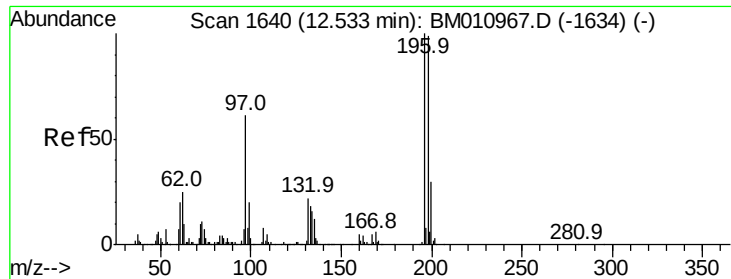


#42
 2,4,6-Trichlorophenol
 Concen: 40.255 ng
 RT: 12.46 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.6	76.3	114.5
200	32.1	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





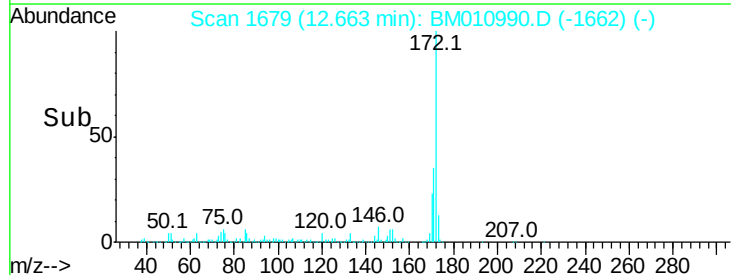
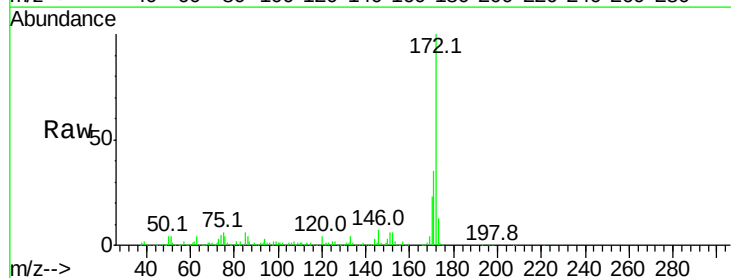
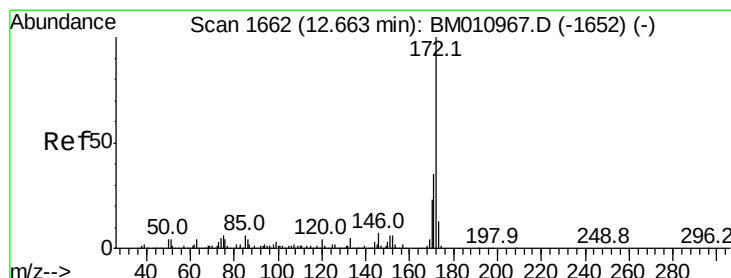
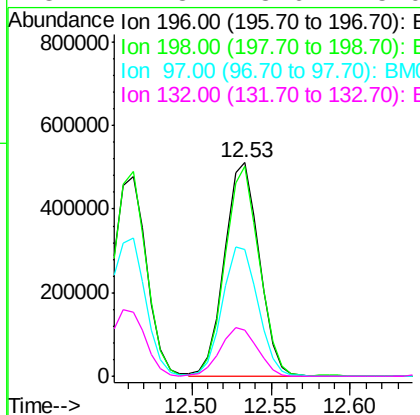
#43
2,4,5-Trichlorophenol
Concen: 42.041 ng
RT: 12.53 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	773207		
198	98.2	79.4	119.0	
97	59.6	26.8	40.2#	
132	21.8	18.6	28.0	

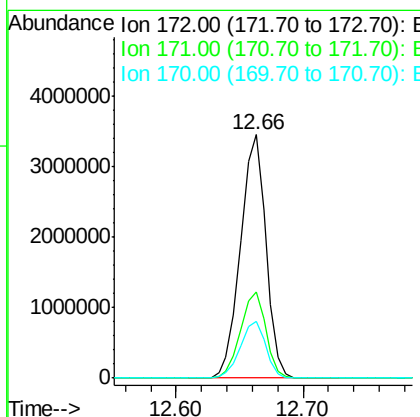
Manual Integrations
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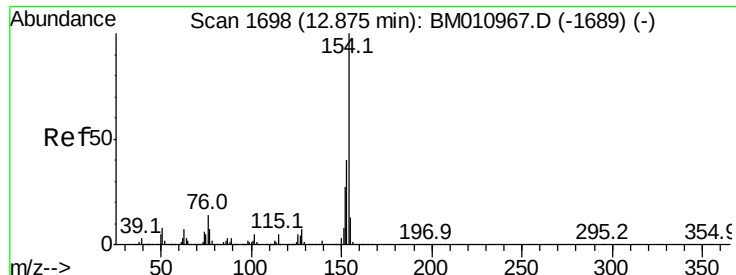
Sohil
7/27/2017 6:21:43 PM



#44
2-Fluorobiphenyl
Concen: 87.213 ng
RT: 12.66 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4775373		
171	35.5	28.5	42.7	
170	23.4	18.8	28.2	





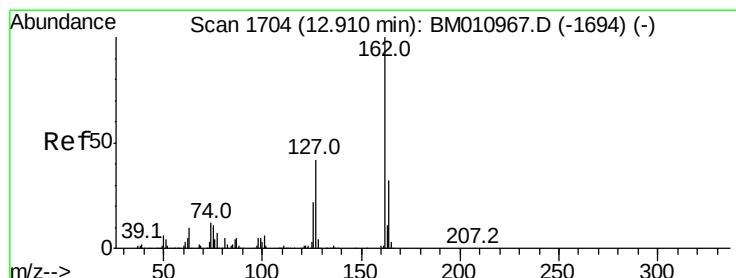
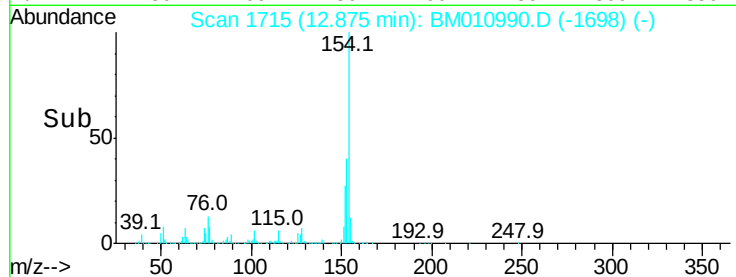
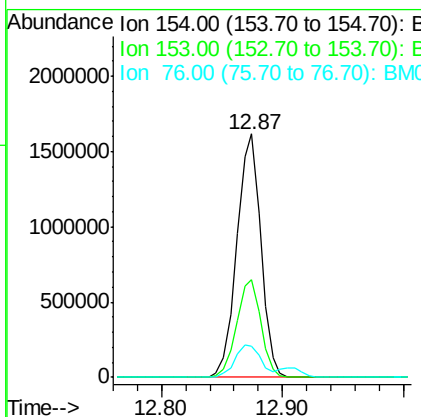
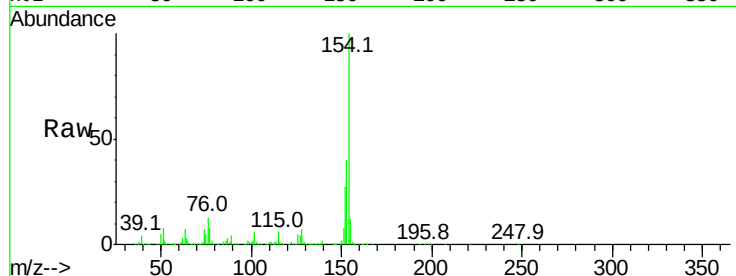
#45
 1,1'-Biphenyl
 Concen: 37.726 ng
 RT: 12.87 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100967BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	13.1	0.0	30.9

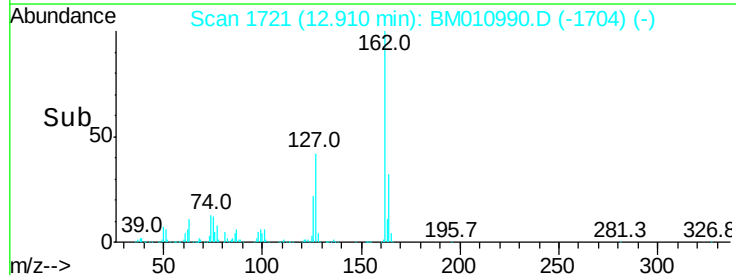
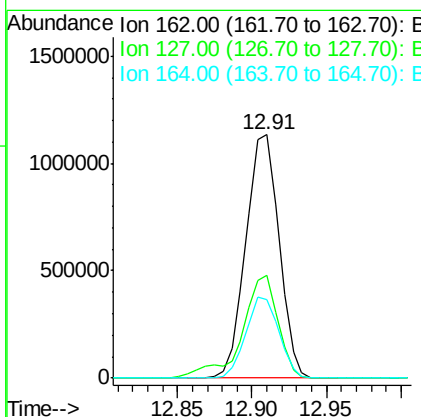
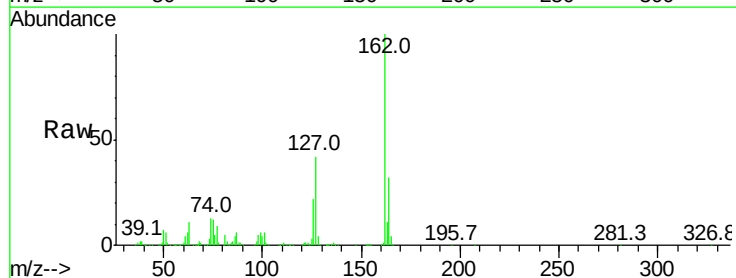
Manual Integrations
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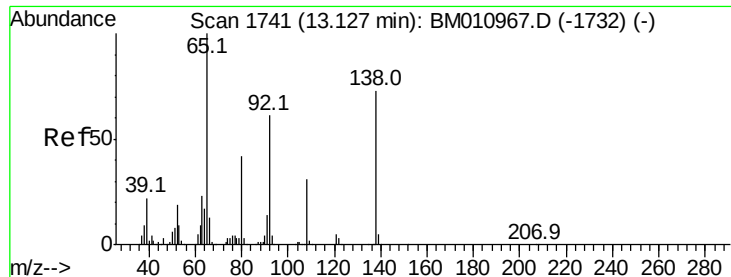
Sohil
 7/27/2017 6:21:43 PM



#46
 2-Chloronaphthalene
 Concen: 39.820 ng
 RT: 12.91 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.5	26.9	40.3#
164	32.3	26.8	40.2





#47

2-Nitroaniline

Concen: 43.955 ng

RT: 13.13 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampleId :

PB100967BS

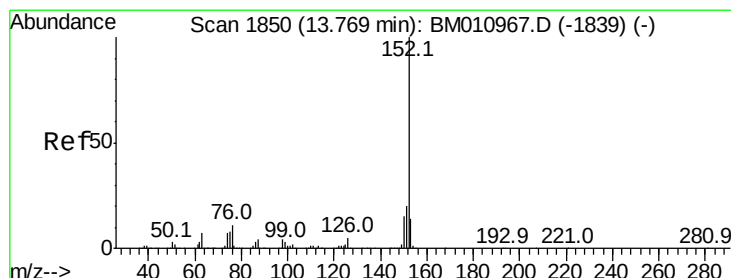
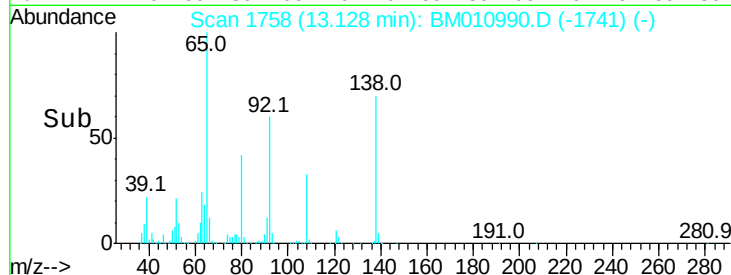
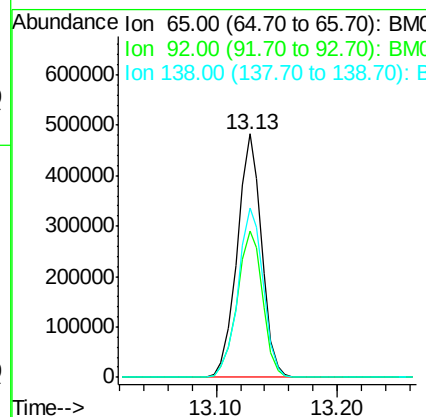
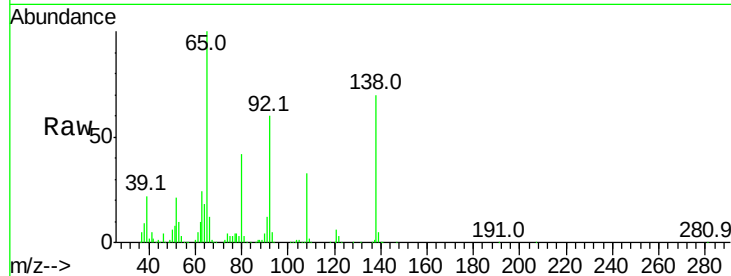
Tot Ion: 65 Resp: 680307
Ion Ratio Lower Upper

65	100		
92	60.2	59.1	88.7
138	69.7	93.9	140.9

Manual Integrations
APPROVED

Sohil

7/27/2017 6:21:43 PM



#48

Acenaphthylene

Concen: 41.844 ng

RT: 13.77 min Scan# 1867

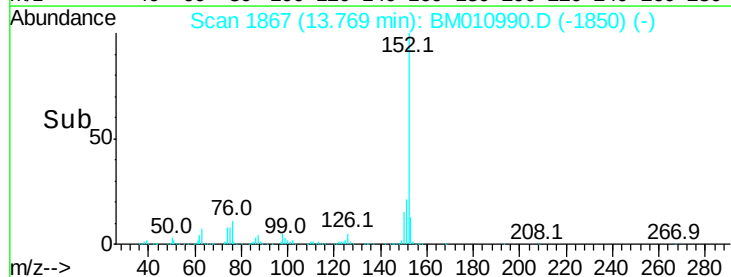
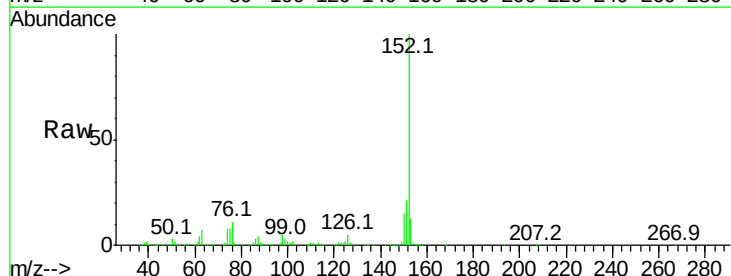
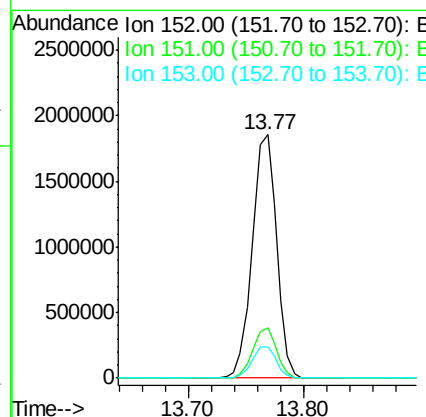
Delta R.T. 0.00 min

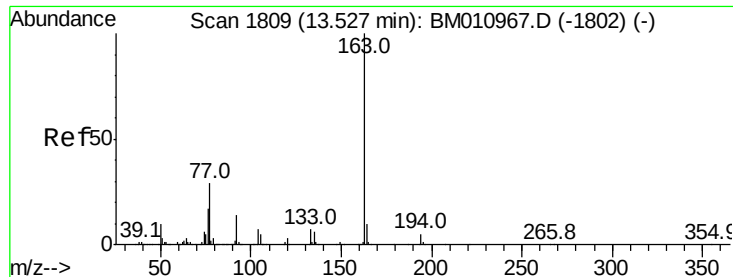
Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Tgt Ion: 152 Resp: 2732011
Ion Ratio Lower Upper

152	100		
151	20.5	15.9	23.9
153	12.6	10.6	16.0





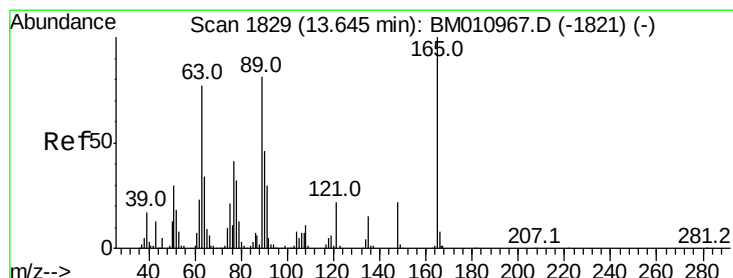
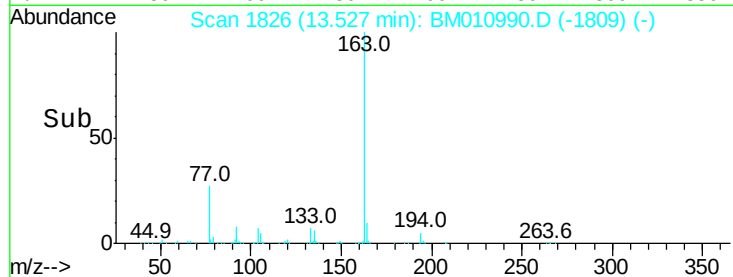
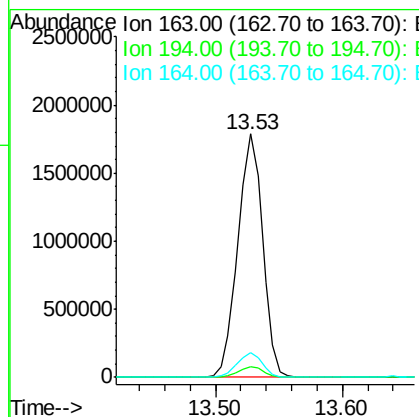
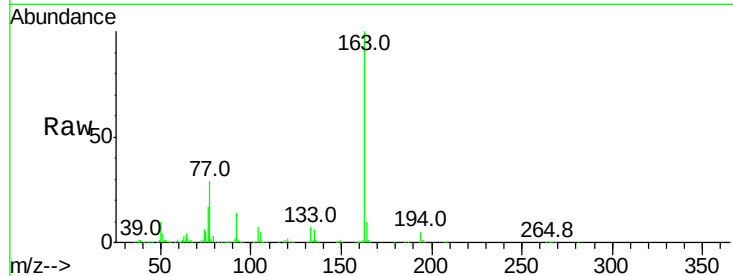
#49
Dimethylphthalate
Concen: 41.095 ng
RT: 13.53 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	10.0	8.2	12.2

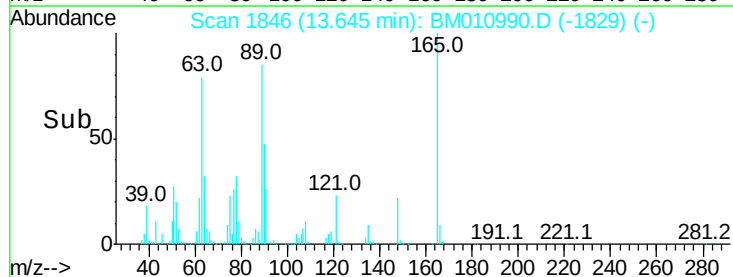
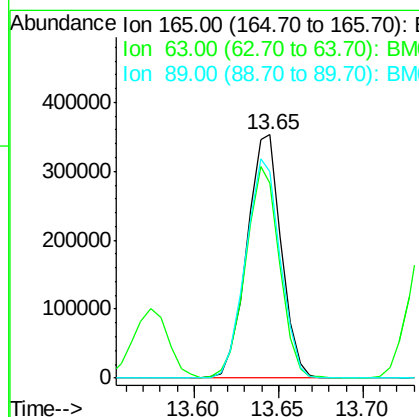
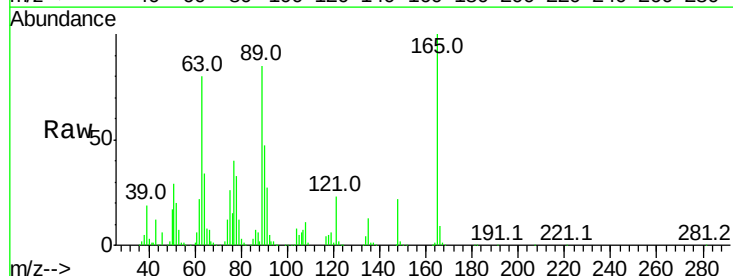
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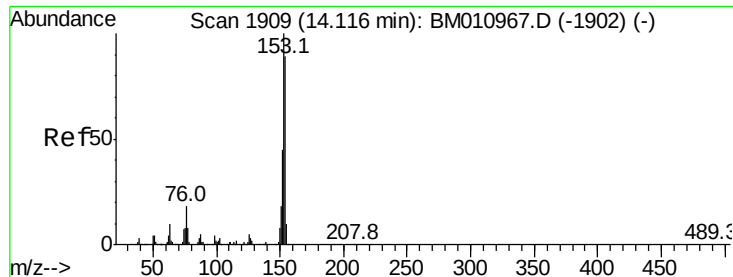
Sohil
7/27/2017 6:21:43 PM



#50
2,6-Dinitrotoluene
Concen: 41.928 ng
RT: 13.65 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	79.9	44.1	66.1#
89	84.9	44.3	66.5#





#51

Acenaphthene

Concen: 41.141 ng

RT: 14.12 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampleId :

PB100967BS

Tot Ion:154 Resp: 1663198

Ion Ratio Lower Upper

154 100

153 113.3 90.0 135.0

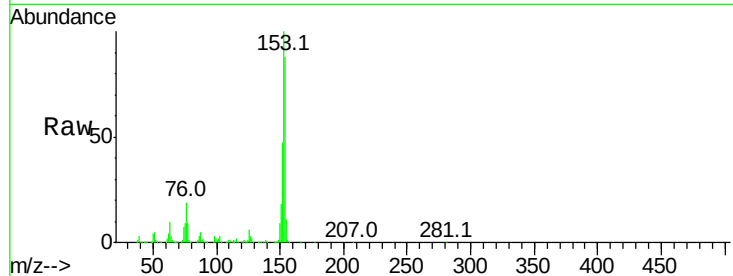
152 53.4 42.6 63.8

Manual Integrations

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Sohil

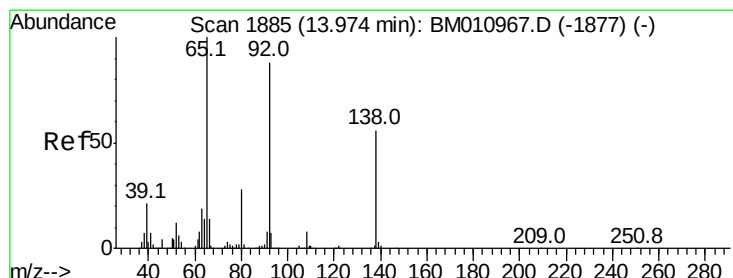
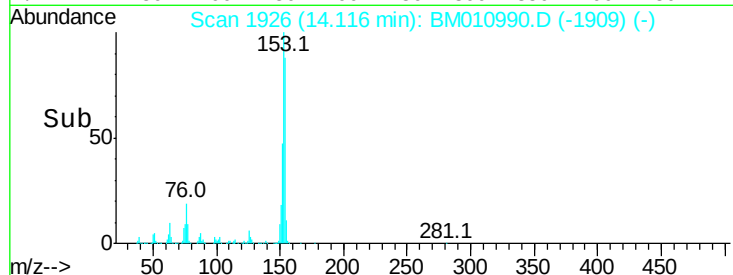
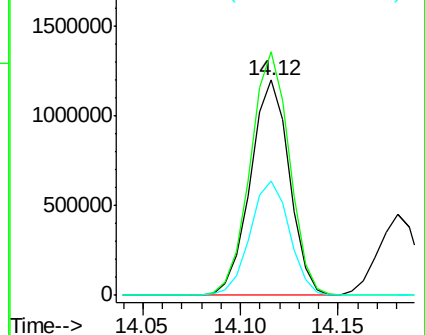
7/27/2017 6:21:43 PM



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: 31.239 ng

RT: 13.97 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

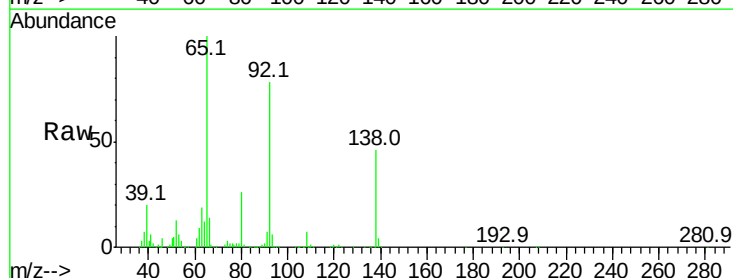
Tgt Ion:138 Resp: 322031

Ion Ratio Lower Upper

138 100

108 15.3 7.3 10.9#

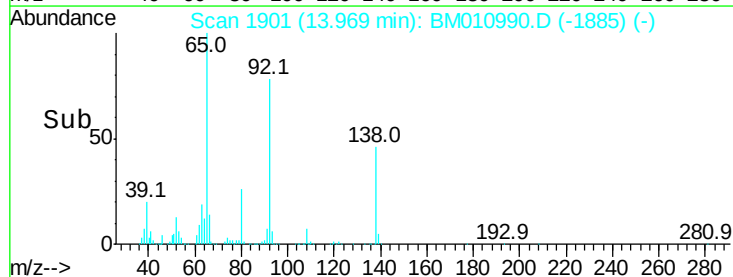
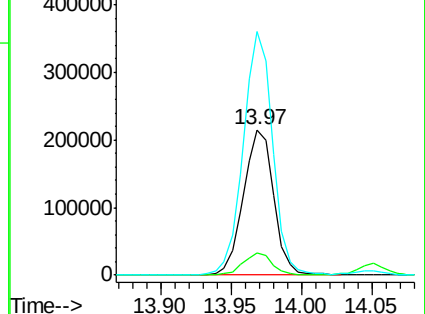
92 167.6 76.6 114.8#

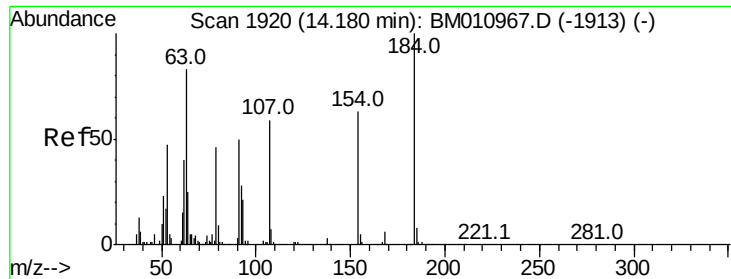


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM0





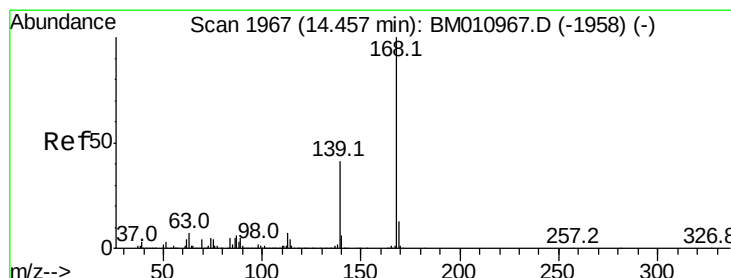
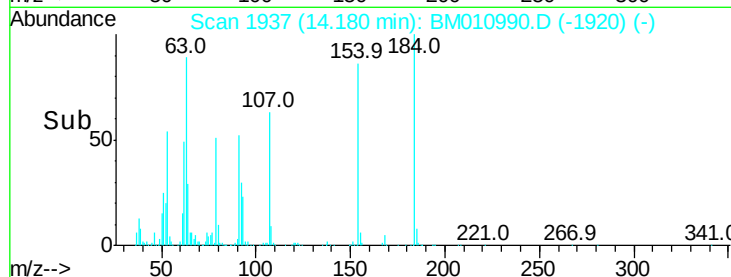
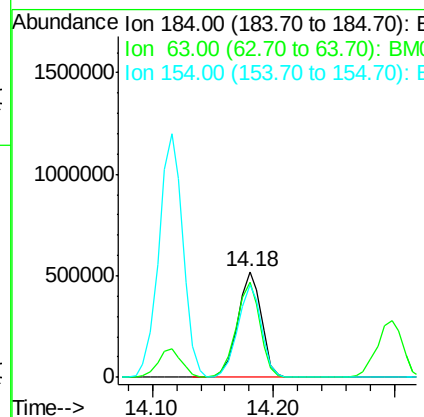
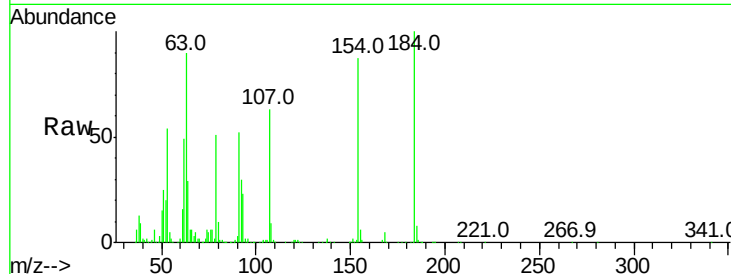
#53
 2,4-Dinitrophenol
 Concen: 84.564 ng
 RT: 14.18 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100967BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	89.5	69.2	103.8
154	86.9	53.3	79.9#

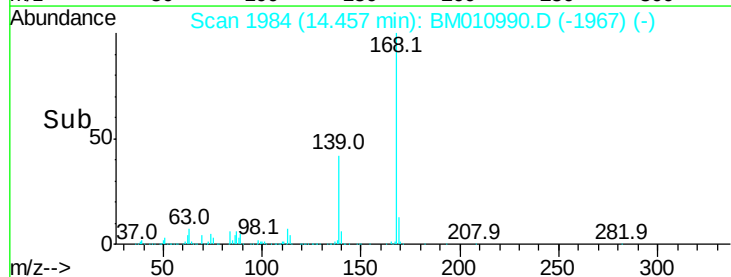
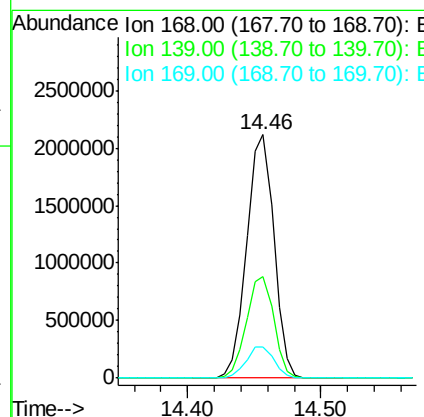
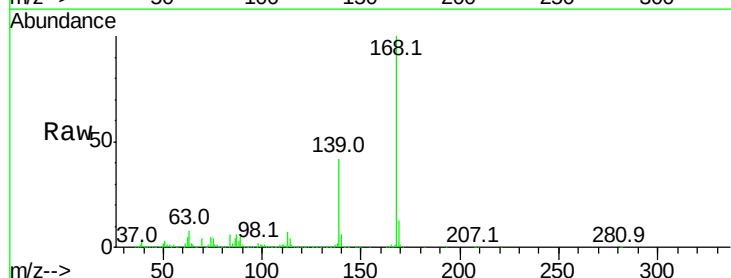
Manual Integrations
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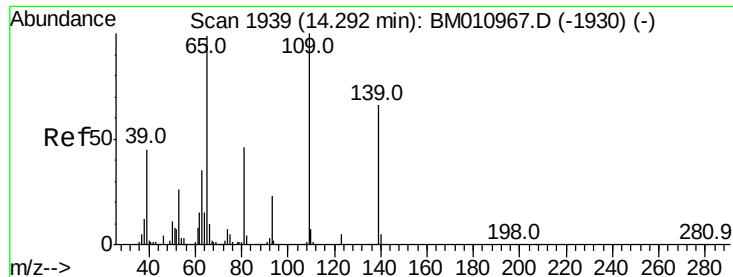
Sohil
 7/27/2017 6:21:43 PM



#54
 Dibenzofuran
 Concen: 45.273 ng
 RT: 14.46 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.6	27.3	40.9#
169	12.9	10.6	16.0





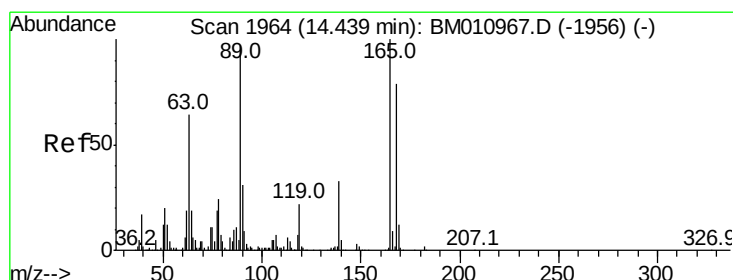
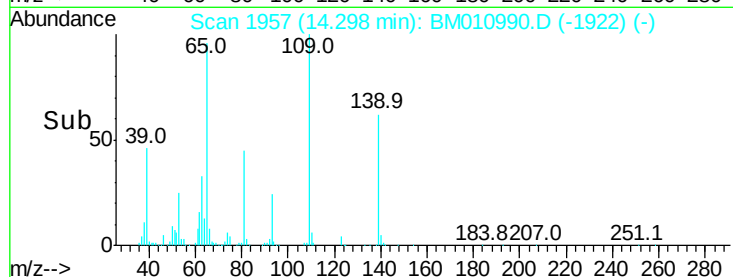
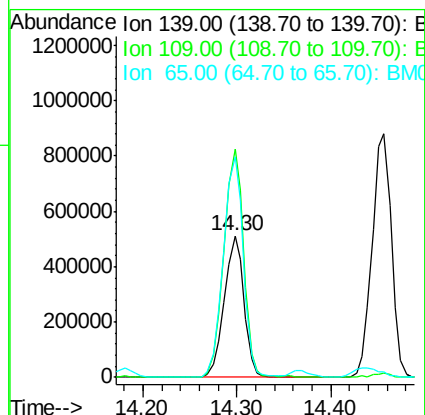
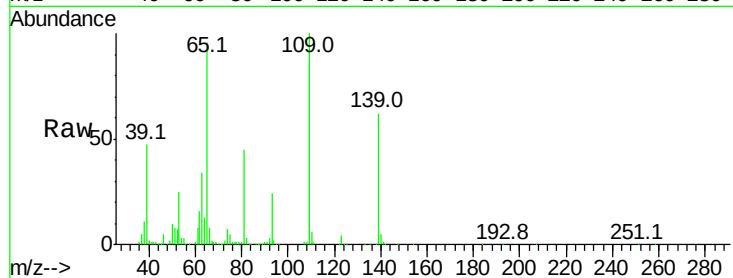
#55
4-Nitrophenol
Concen: 83.253 ng
RT: 14.30 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	161.6	130.0	170.0
65	155.8	130.0	170.0

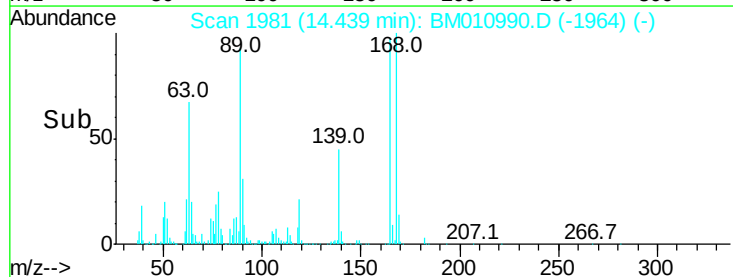
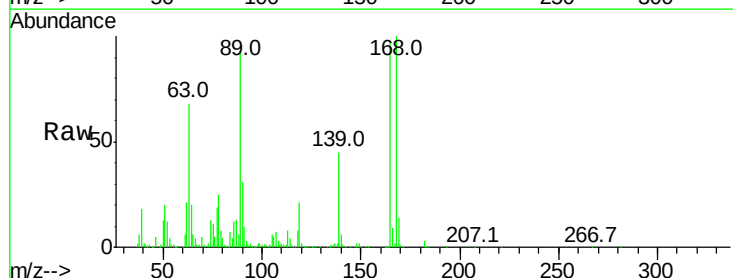
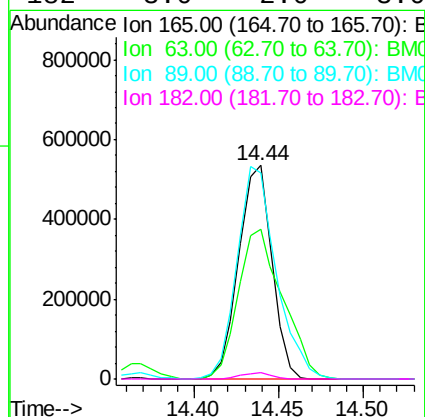
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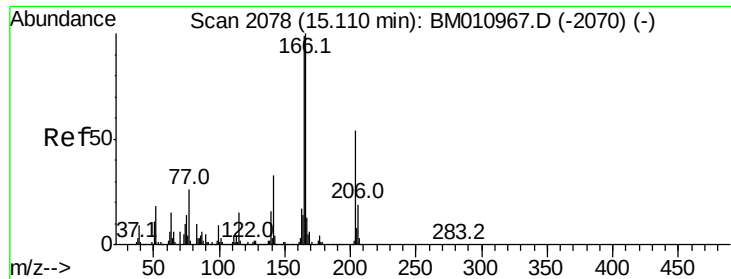
Sohil
7/27/2017 6:21:43 PM



#56
2,4-Dinitrotoluene
Concen: 44.274 ng
RT: 14.44 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.4	52.4	78.6
89	96.4	72.4	108.6
182	3.0	2.0	3.0





#57

Fluorene

Concen: 43.081 ng

RT: 15.11 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampleId :

PB100967BS

Tot Ion:166 Resp: 2456983

Ion Ratio Lower Upper

166 100

165 96.7 79.0 118.4

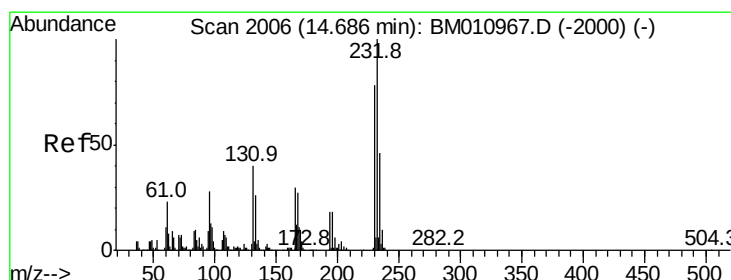
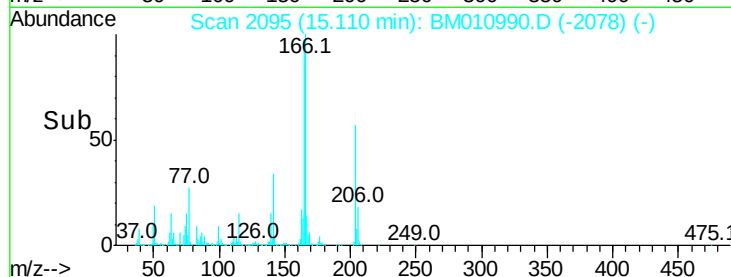
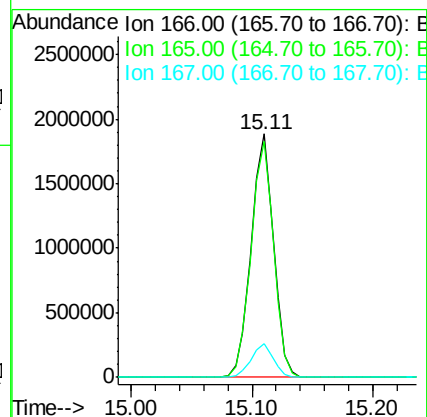
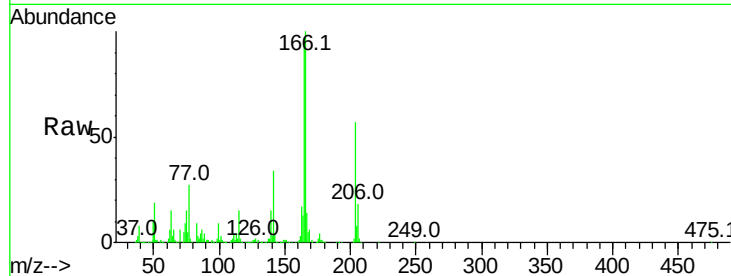
167 13.6 10.3 15.5

Manual Integrations

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Sohil

7/27/2017 6:21:43 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.693 ng

RT: 14.69 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Tgt Ion:232 Resp: 839430

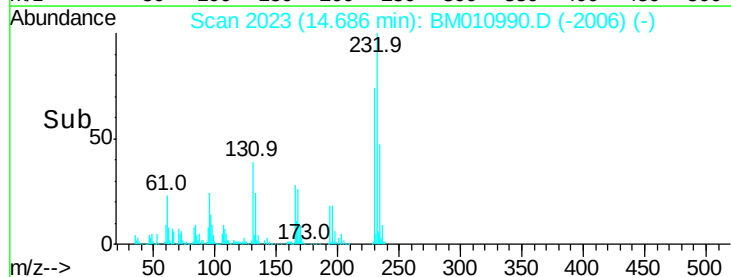
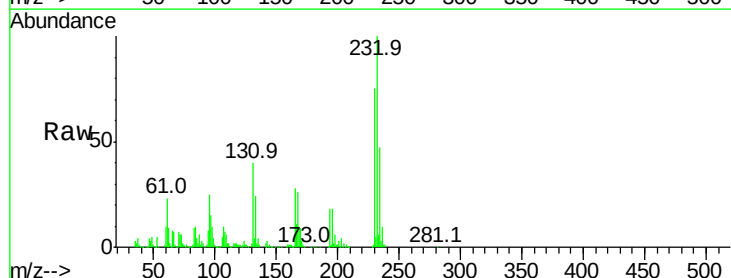
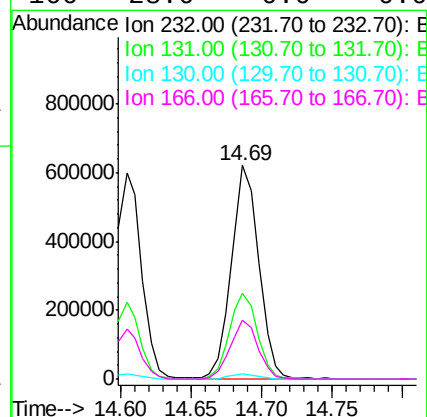
Ion Ratio Lower Upper

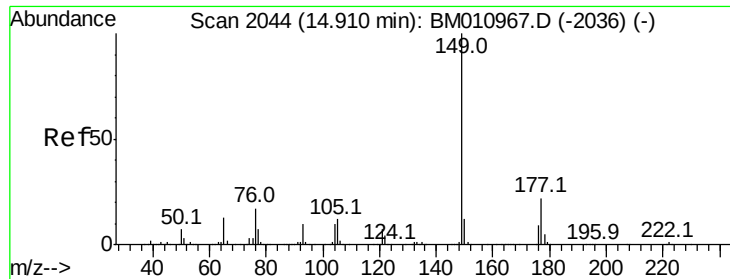
232 100

131 40.2 0.0 0.0#

130 2.6 0.0 0.0#

166 28.0 0.0 0.0#





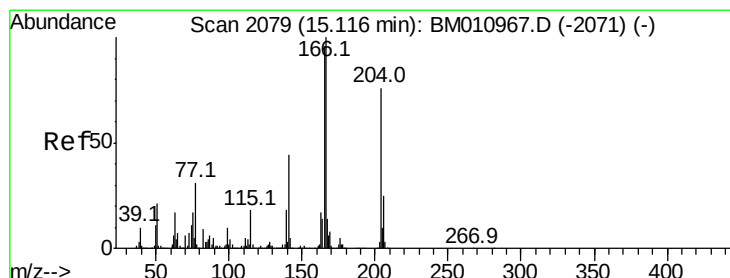
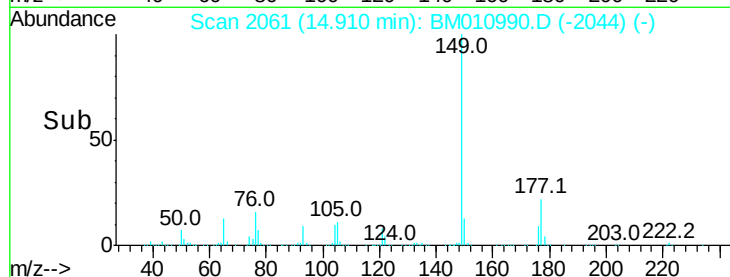
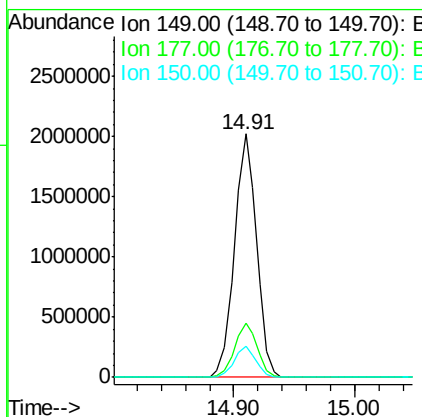
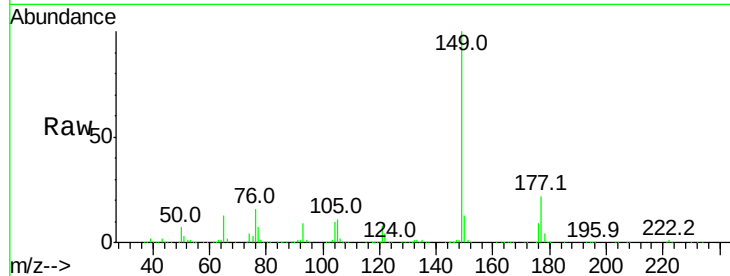
#59
Diethylphthalate
Concen: 42.944 ng
RT: 14.91 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampled :
PB100967BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	12.6	9.8	14.8

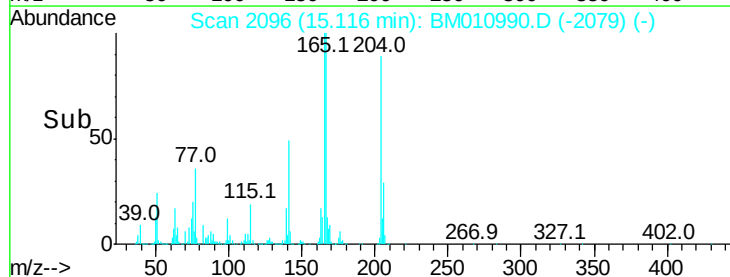
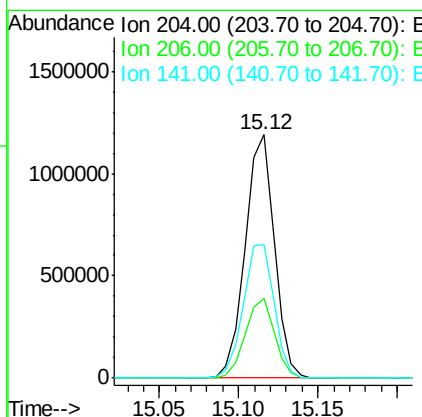
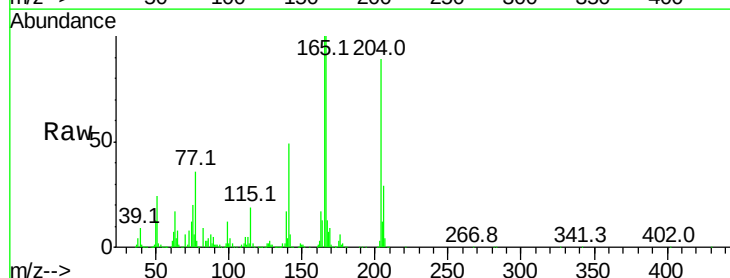
Manual Integrations
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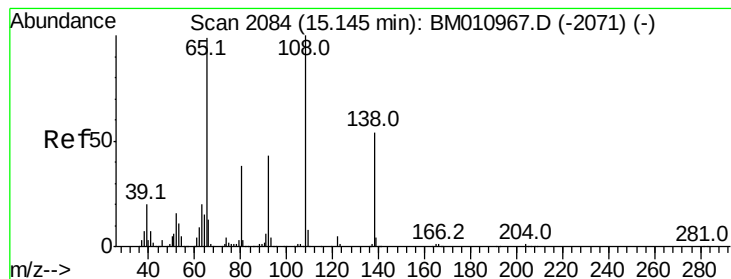
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.259 ng
RT: 15.12 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	55.0	45.2	67.8





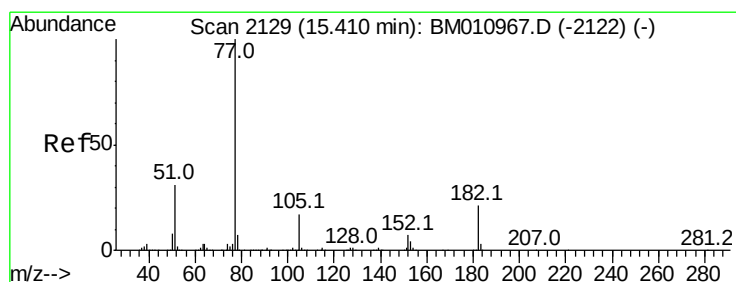
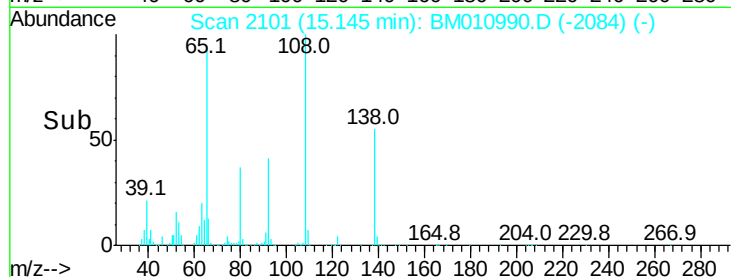
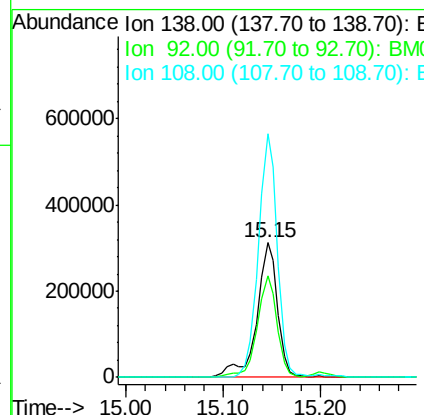
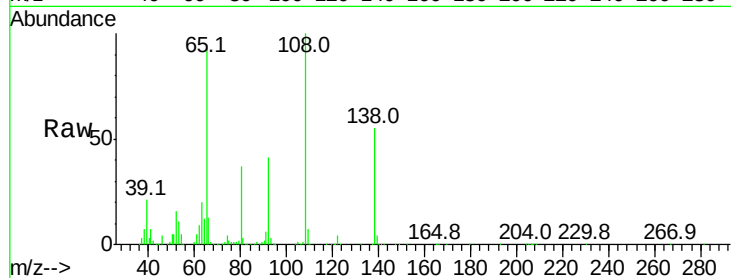
#61
4-Nitroaniline
Concen: 43.437 ng
RT: 15.15 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	74.9	16.7	56.7#
108	180.6	37.6	77.6#

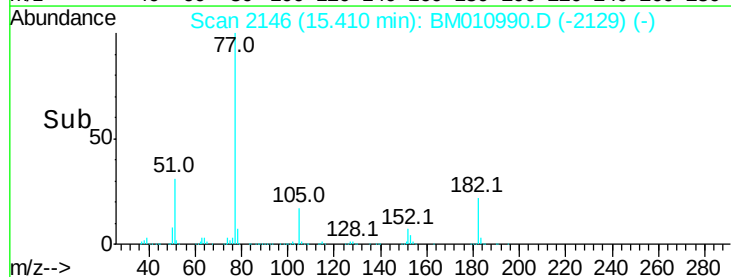
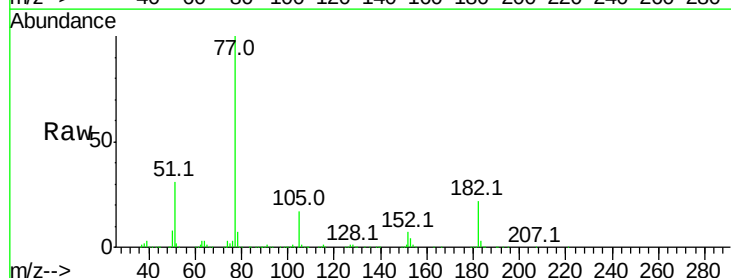
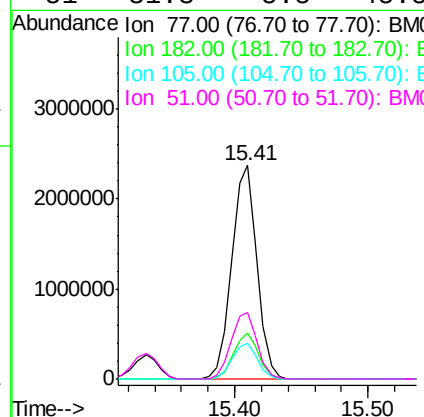
Manual Integrations
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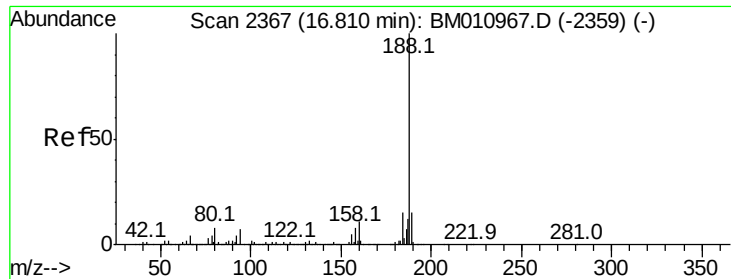
Sohil
7/27/2017 6:21:43 PM



#62
Azobenzene
Concen: 48.758 ng
RT: 15.41 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.7	6.5	46.5
105	16.5	3.8	43.8
51	31.3	5.5	45.5





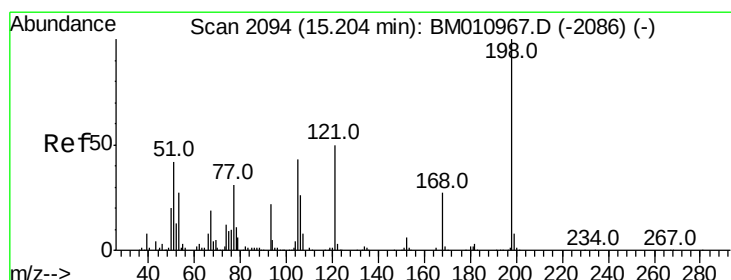
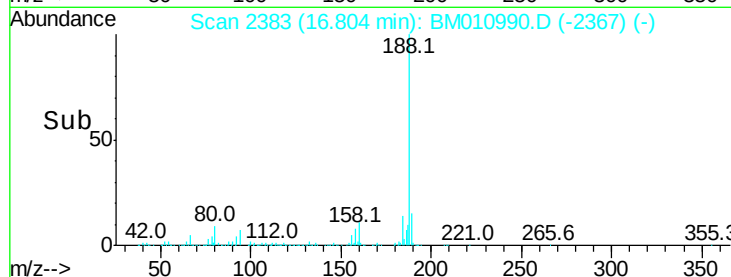
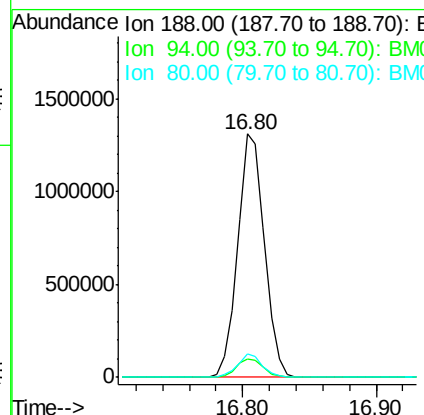
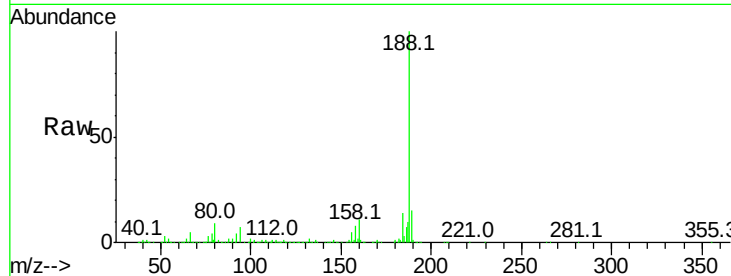
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion:188 Resp: 1825890
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 9.4 9.3 13.9

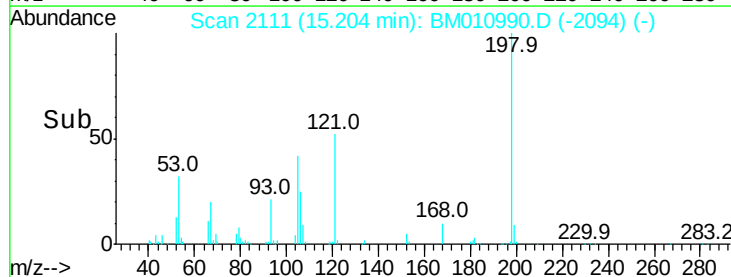
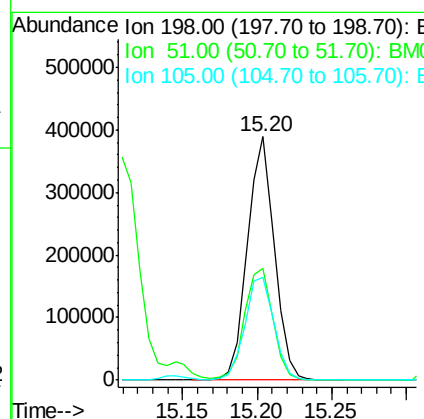
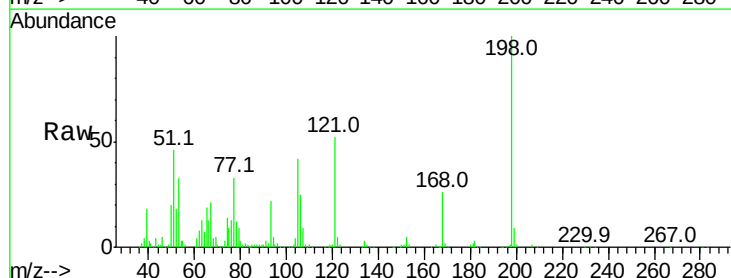
Manual Integrations
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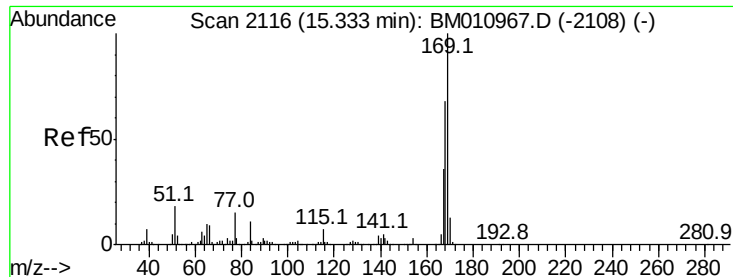
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.290 ng
RT: 15.20 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion:198 Resp: 485665
Ion Ratio Lower Upper
198 100
51 45.7 28.8 68.8
105 42.5 30.5 70.5





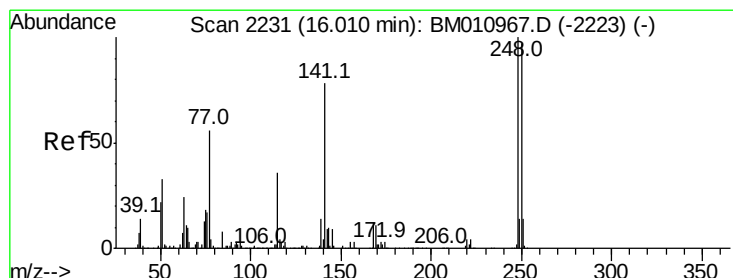
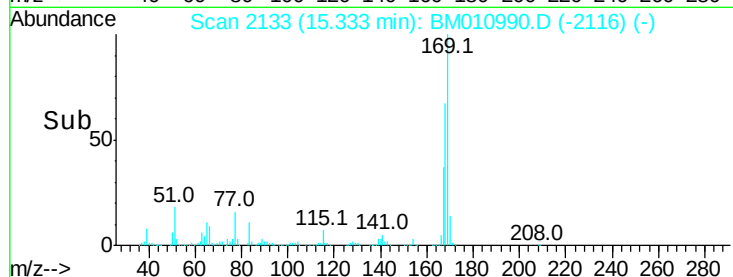
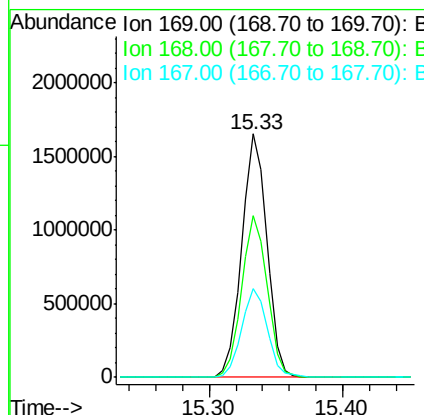
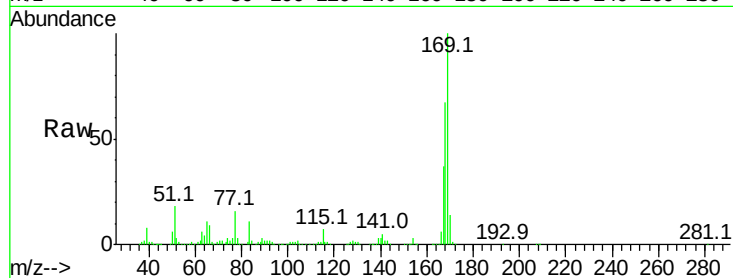
#65
n-Nitrosodiphenylamine
Concen: 41.043 ng
RT: 15.33 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion:169 Resp: 2144669
Ion Ratio Lower Upper
169 100
168 66.5 53.9 80.9
167 36.6 28.9 43.3

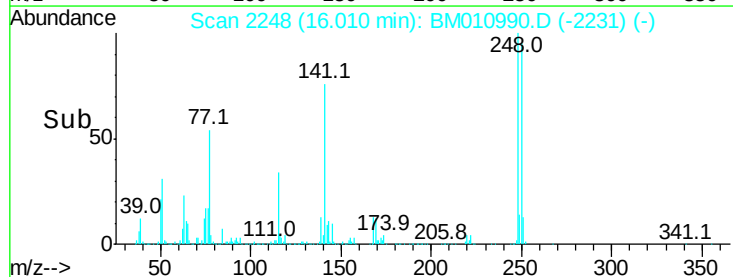
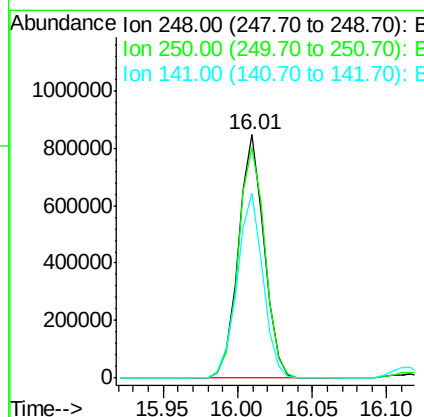
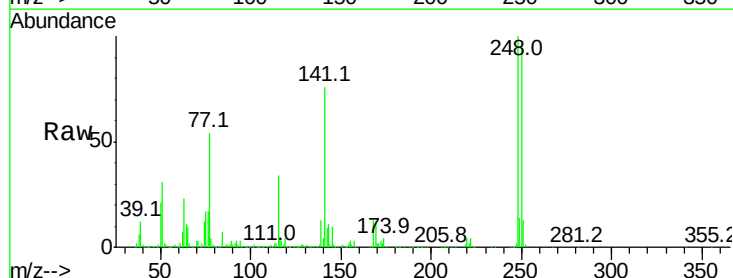
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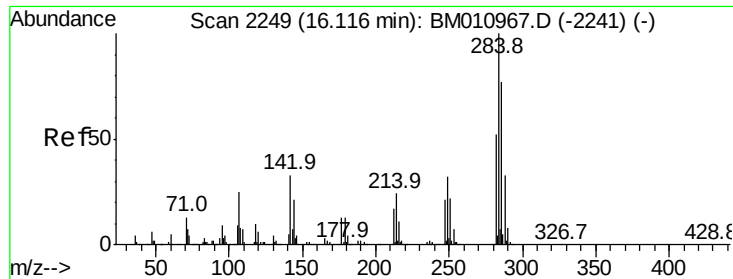
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 43.310 ng
RT: 16.01 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion:248 Resp: 1016611
Ion Ratio Lower Upper
248 100
250 94.8 77.4 116.0
141 75.9 45.2 67.8#





#67

Hexachlorobenzene

Concen: 39.572 ng

RT: 16.12 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampled :

PB100967BS

Tot Ion:284 Resp: 1049624

Ion Ratio Lower Upper

284 100

142 33.6 20.4 30.6#

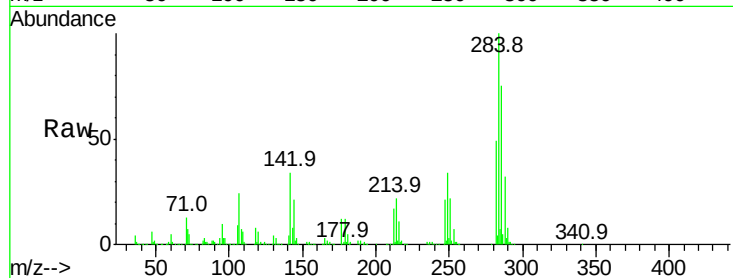
249 33.8 23.8 35.6

Manual Integrations

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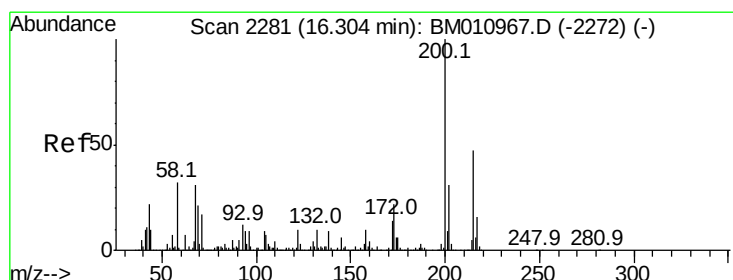
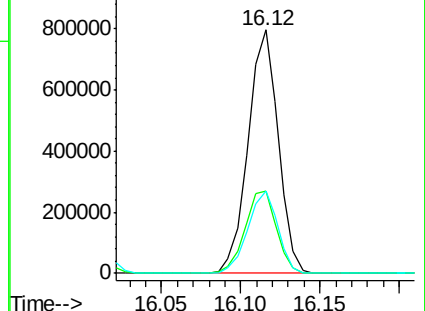
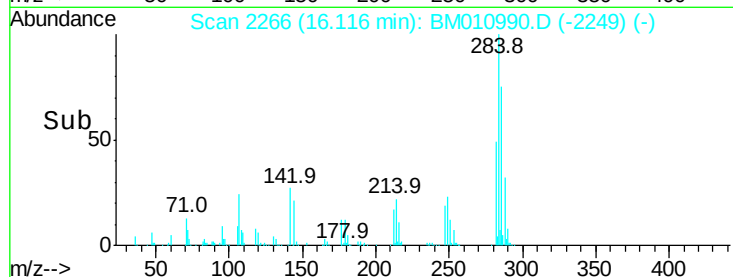
7/27/2017 6:21:43 PM



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: 43.554 ng

RT: 16.30 min Scan# 2298

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

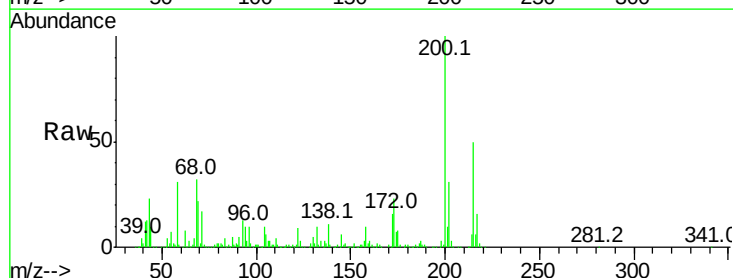
Tgt Ion:200 Resp: 912038

Ion Ratio Lower Upper

200 100

173 22.8 4.8 44.8

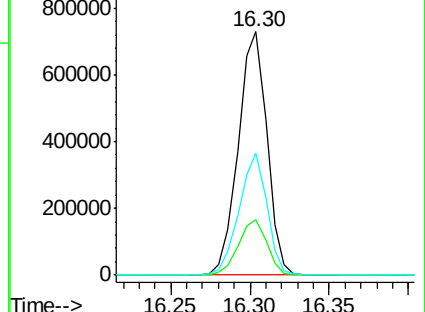
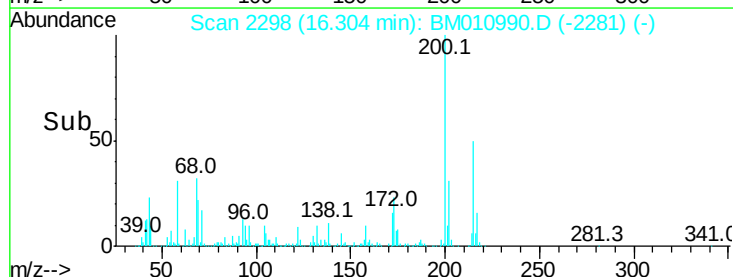
215 50.0 26.9 66.9

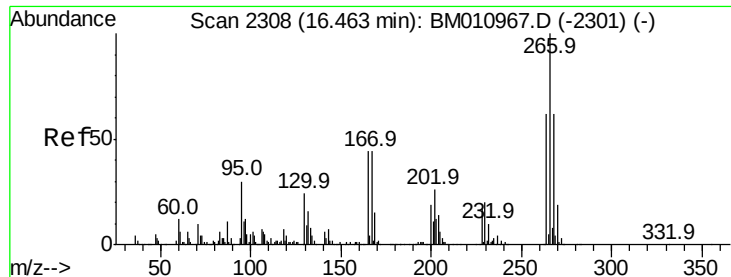


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





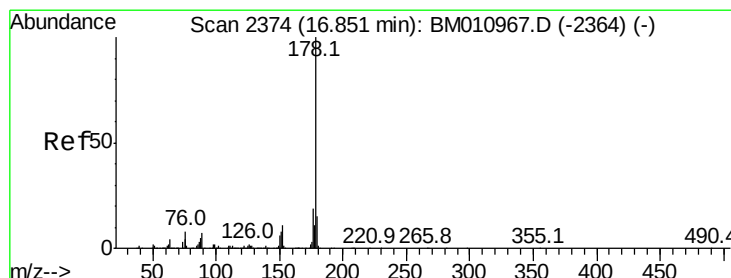
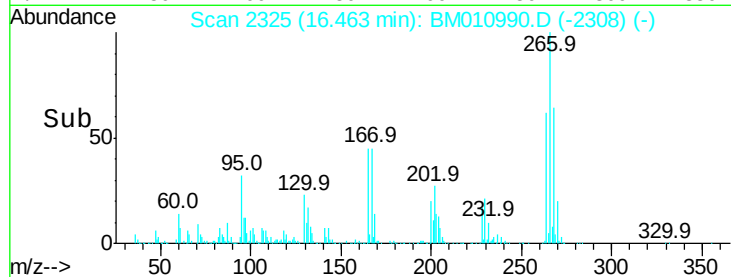
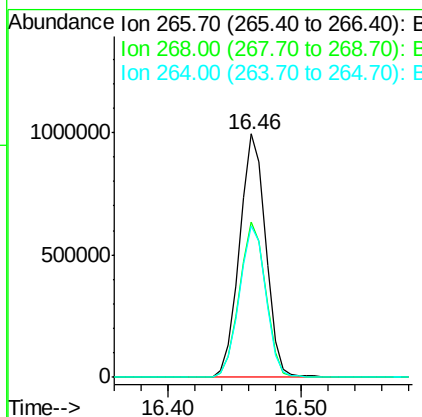
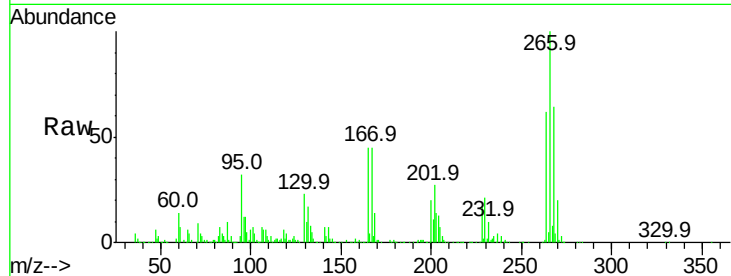
#69
 Pentachlorophenol
 Concen: 80.218 ng
 RT: 16.46 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100967BS

Tot Ion:266 Resp: 1350827
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.0 78.0
 264 62.4 49.0 73.4

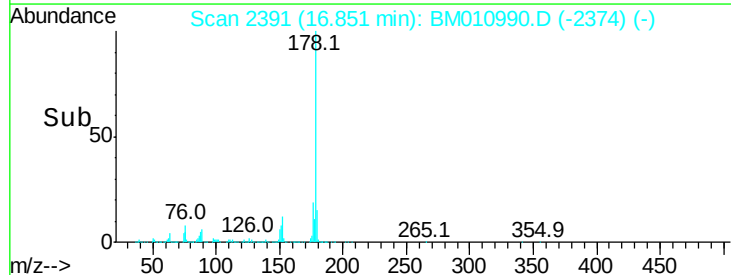
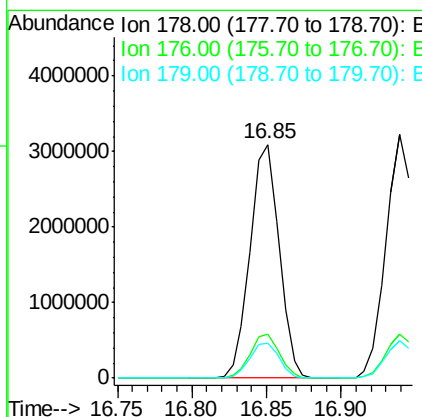
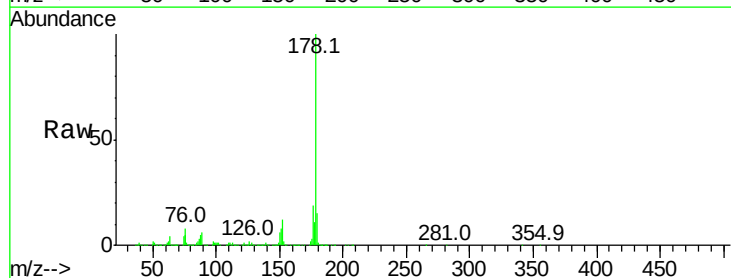
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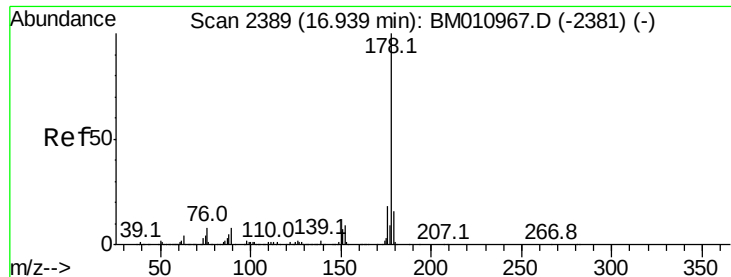
Sohil
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#70
 Phenanthrene
 Concen: 43.551 ng
 RT: 16.85 min Scan# 2391
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Tgt Ion:178 Resp: 4163841
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 14.8 12.1 18.1





#71

Anthracene

Concen: 44.041 ng

RT: 16.94 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampled :

PB100967BS

Tot Ion:178 Resp: 4199358

Ion Ratio Lower Upper

178 100

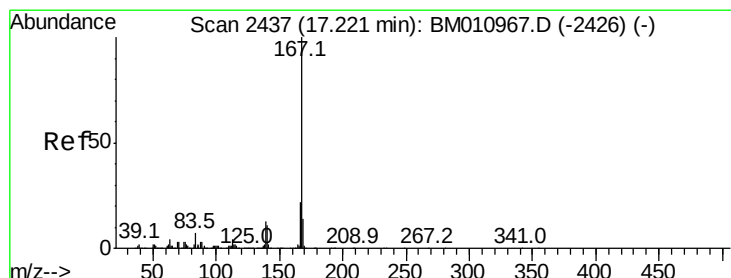
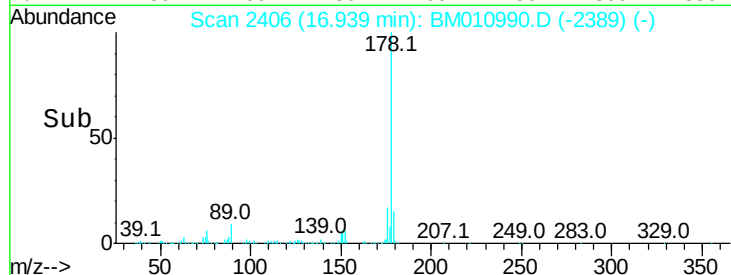
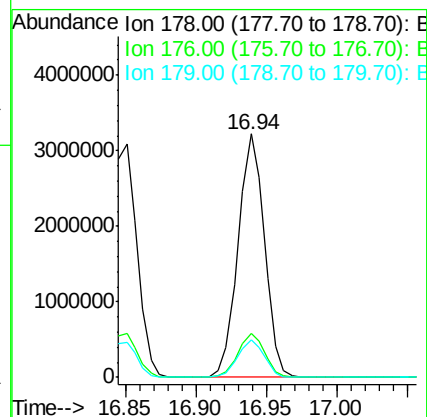
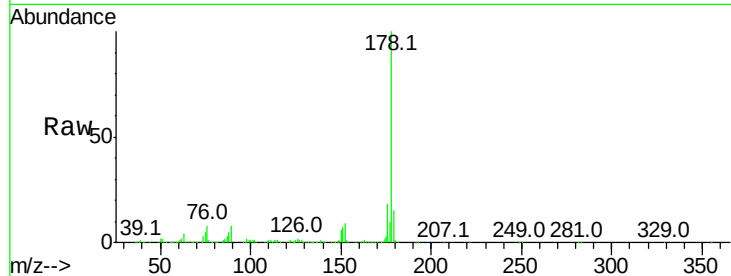
176 18.0 14.6 22.0

179 15.2 12.6 19.0

Manual Integrations
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#72

Carbazole

Concen: 40.873 ng

RT: 17.22 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

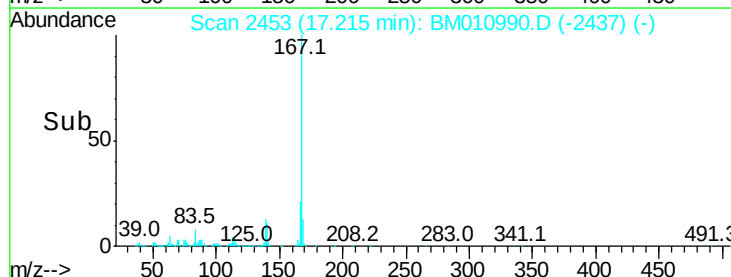
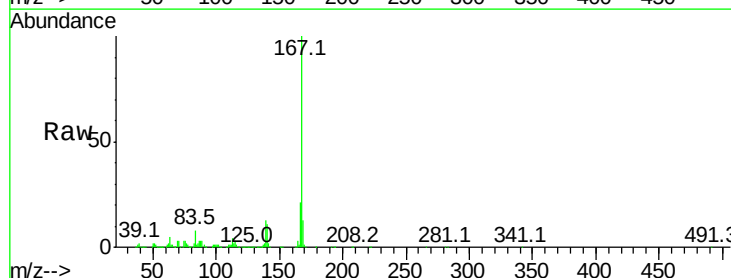
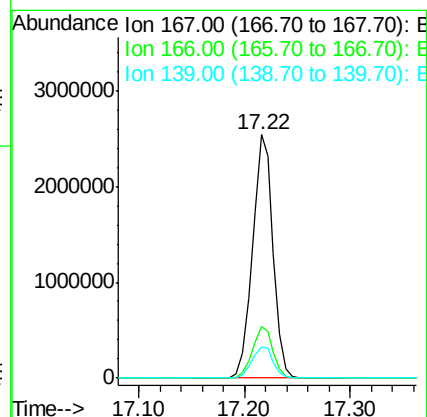
Tgt Ion:167 Resp: 3408258

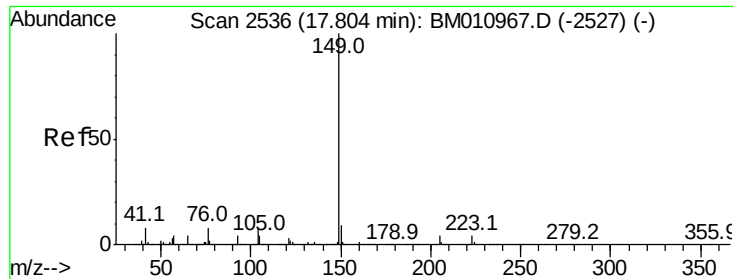
Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 13.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.395 ng

RT: 17.80 min Scan# 2553

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampleId :

PB100967BS

Tot Ion:149 Resp: 4305096

Ion Ratio Lower Upper

149 100

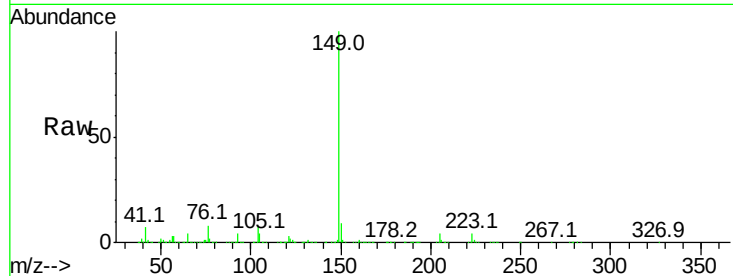
150 9.2 7.5 11.3

104 7.9 3.7 5.5#

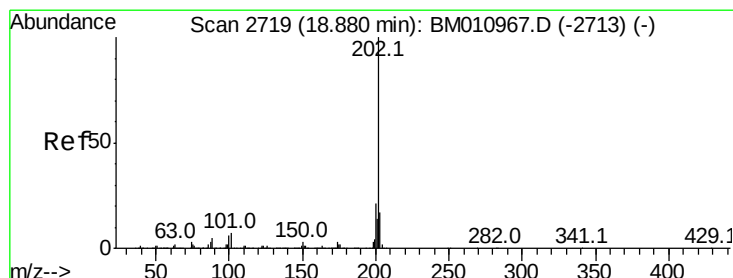
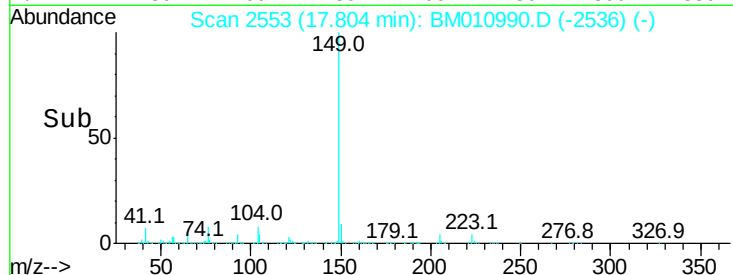
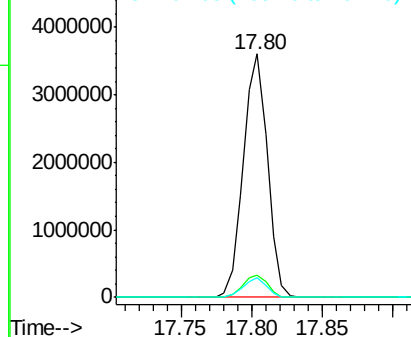
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.884 ng

RT: 18.88 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

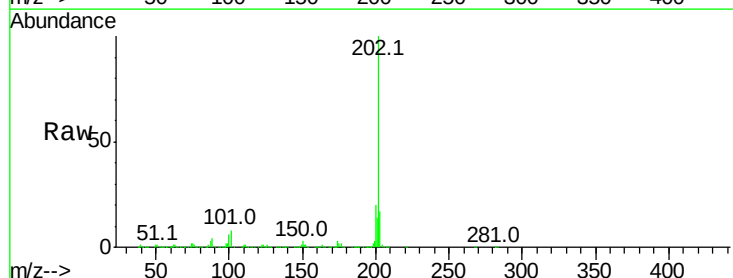
Tgt Ion:202 Resp: 4962498

Ion Ratio Lower Upper

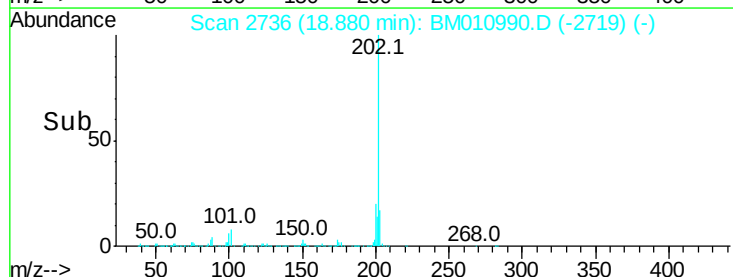
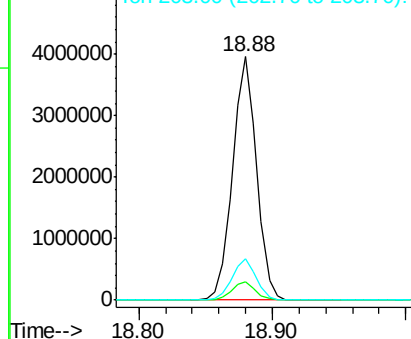
202 100

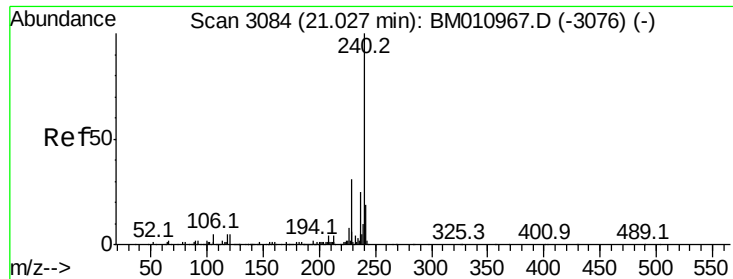
101 7.7 0.0 28.7

203 16.8 0.0 37.2



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampleId :

PB100967BS

Tot Ion:240 Resp: 1634893

Ion Ratio Lower Upper

240 100

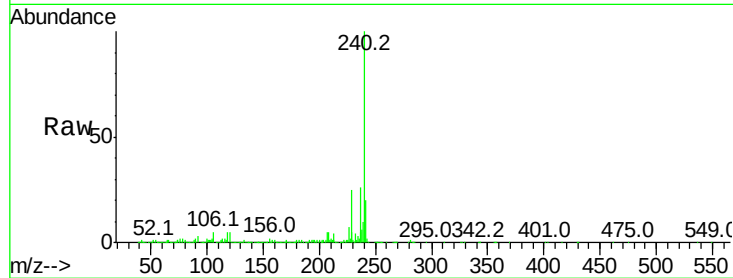
120 5.4 8.2 12.2#

236 26.0 20.0 30.0

Manual Integrations
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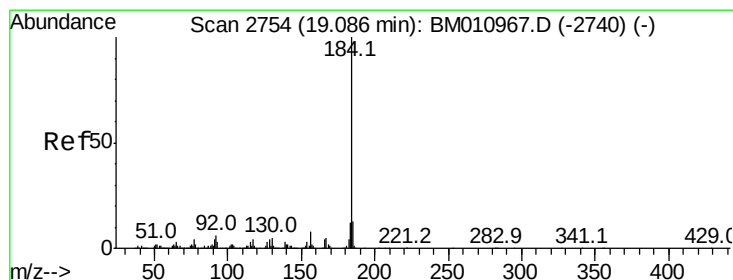
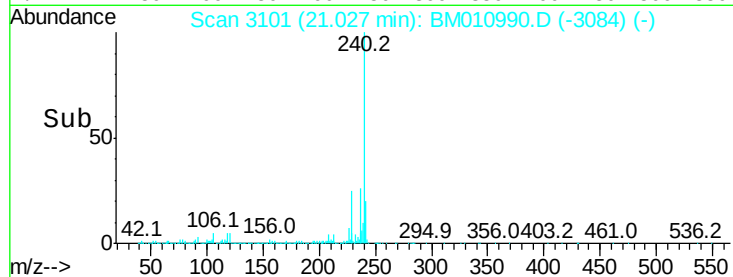
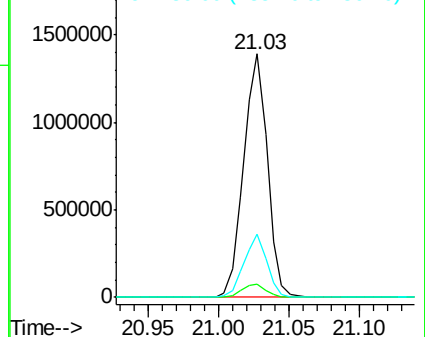
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 62.059 ng

RT: 19.08 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

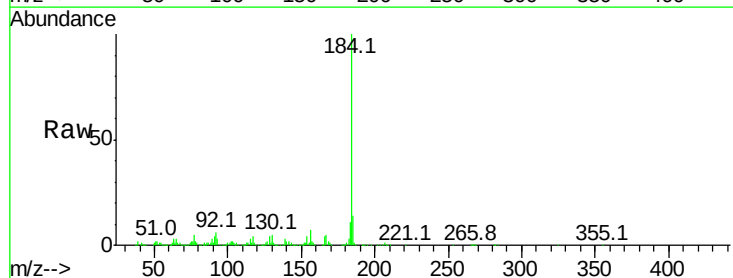
Tgt Ion:184 Resp: 2427184

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

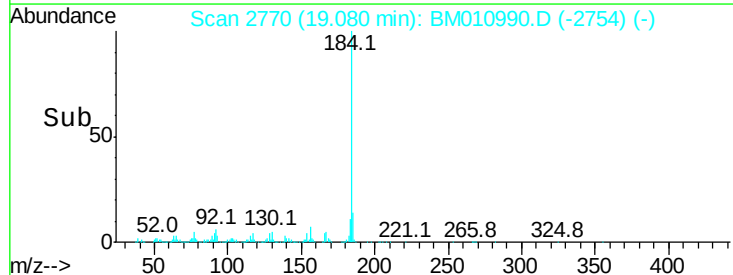
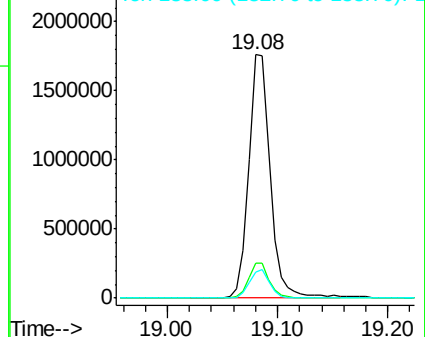
183 10.9 8.9 13.3

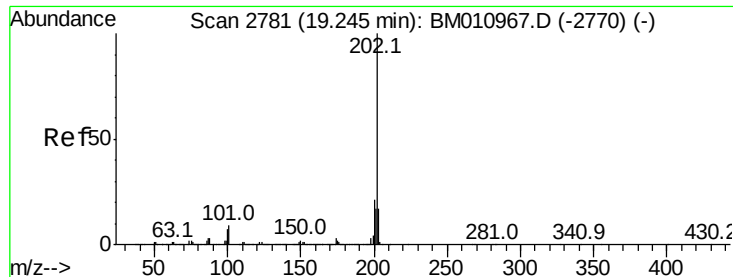


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.116 ng

RT: 19.24 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampleId :

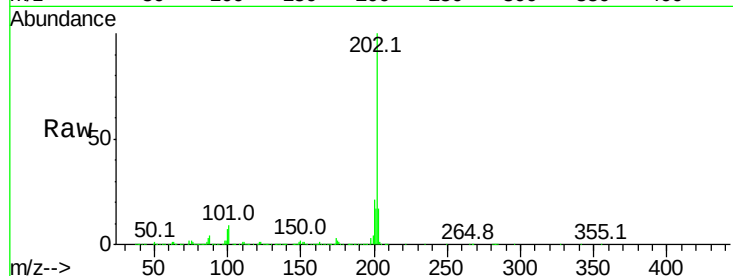
PB100967BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.2	14.1	21.1

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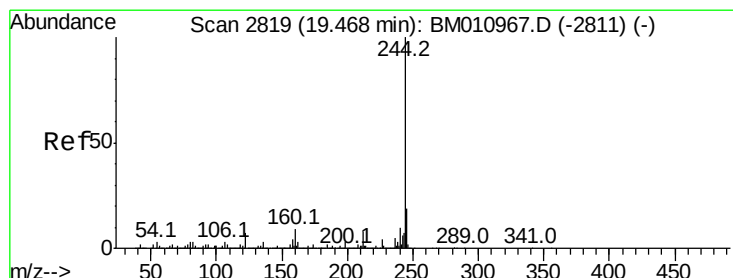
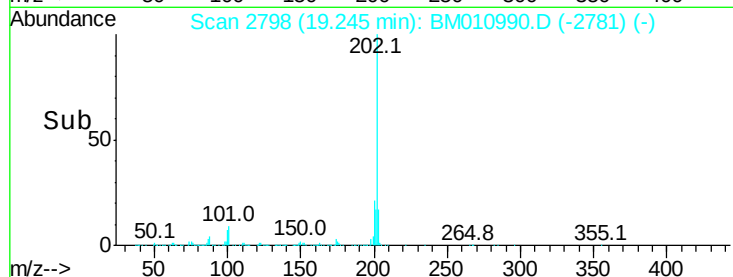
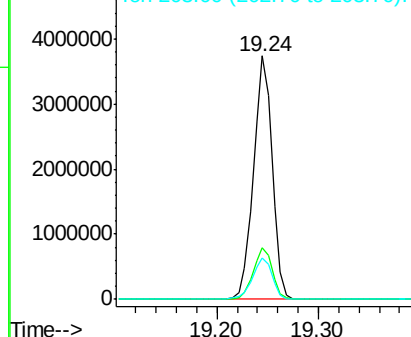


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.178 ng

RT: 19.47 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

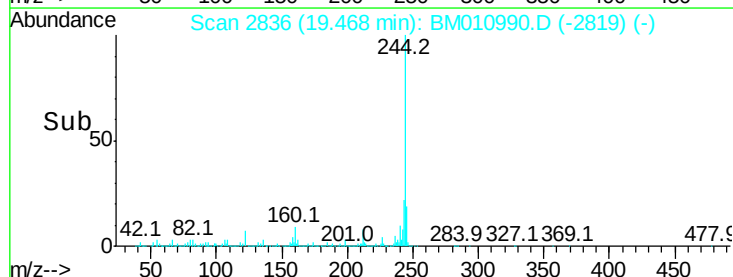
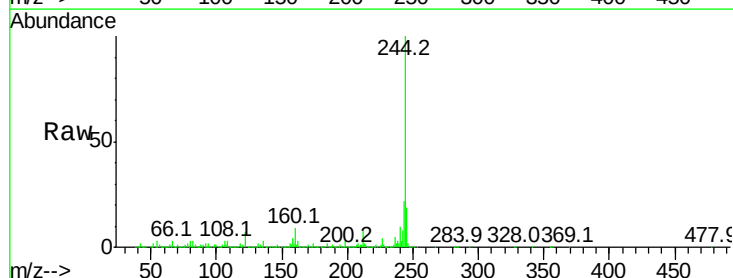
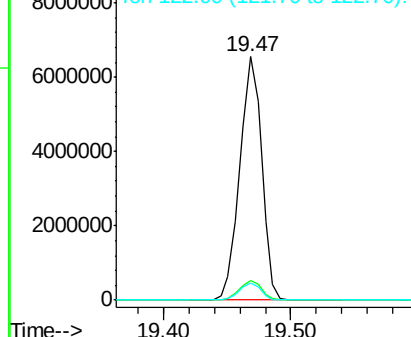
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	6.9	6.2	9.4

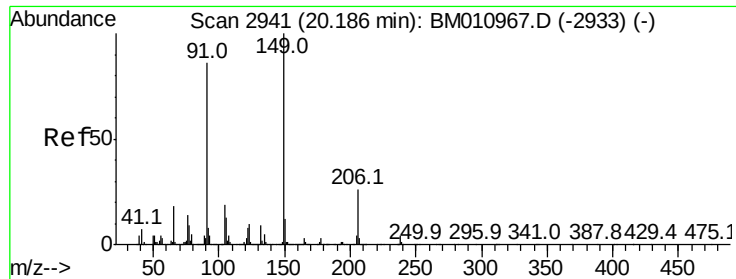
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.824 ng

RT: 20.18 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

ClientSampleId :

PB100967BS

Tot Ion:149 Resp: 1652023

Ion Ratio Lower Upper

149 100

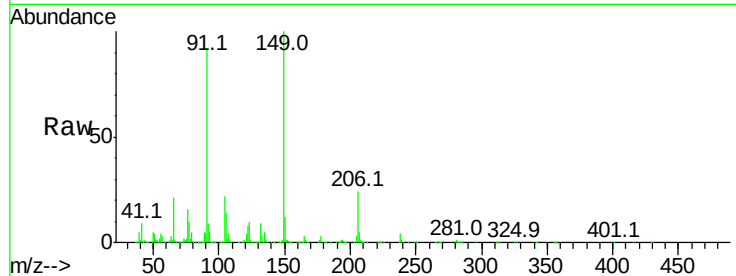
91 92.0 50.1 75.1#

206 24.3 16.2 24.2#

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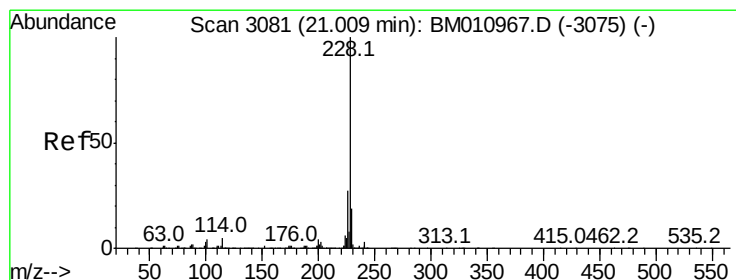
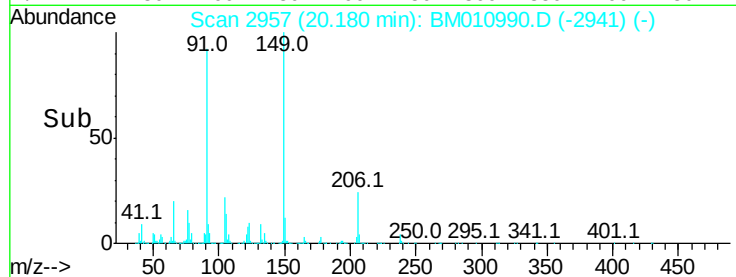
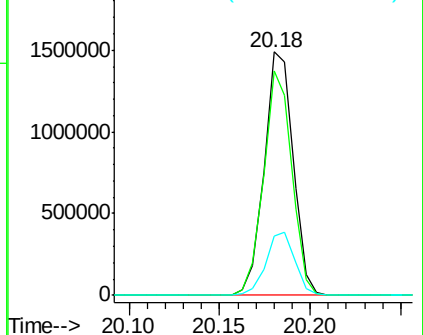
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.682 ng

RT: 21.01 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

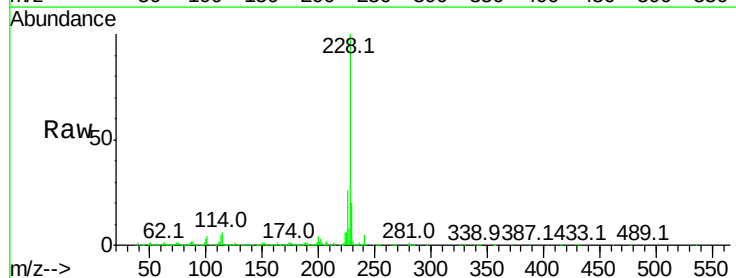
Tgt Ion:228 Resp: 4077779

Ion Ratio Lower Upper

228 100

226 26.2 21.7 32.5

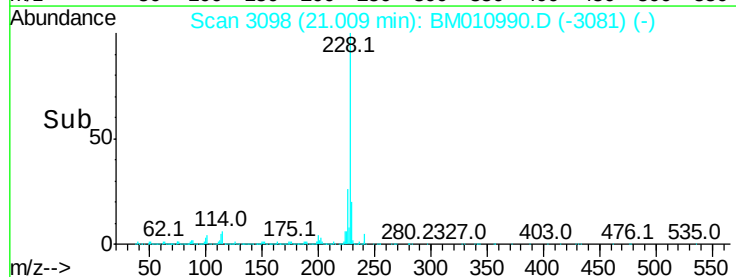
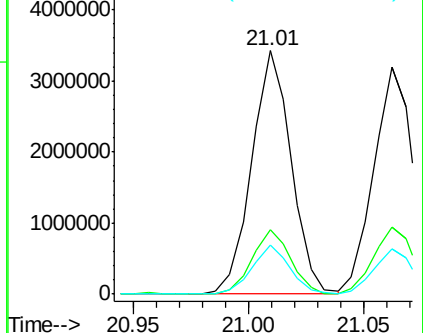
229 20.1 16.0 24.0

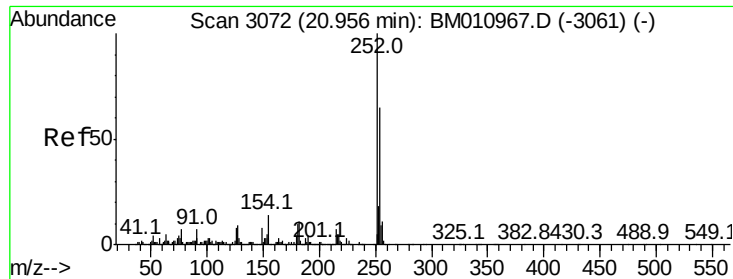


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





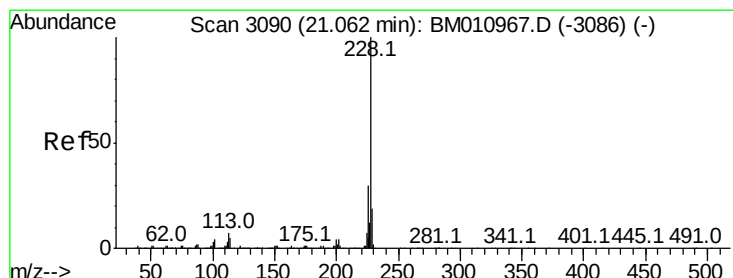
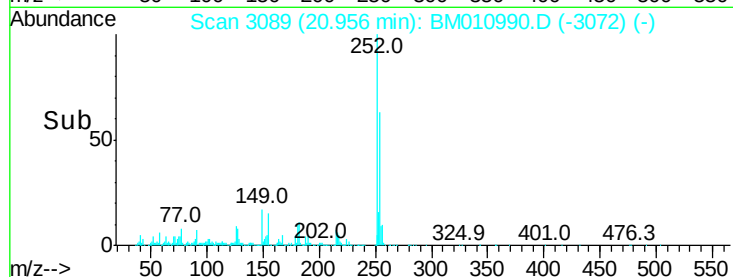
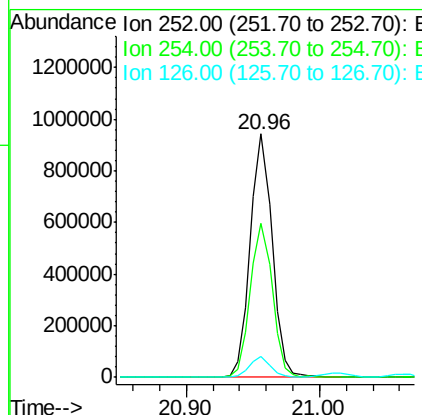
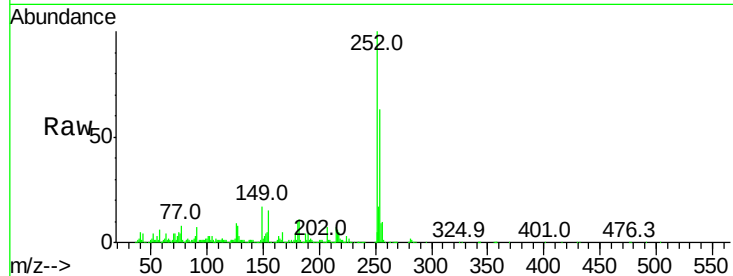
#81
 3,3'-Dichlorobenzidine
 Concen: 29.147 ng
 RT: 20.96 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100967BS

Tot Ion:252 Resp: 1067408
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.9 77.9
 126 8.7 9.8 14.8#

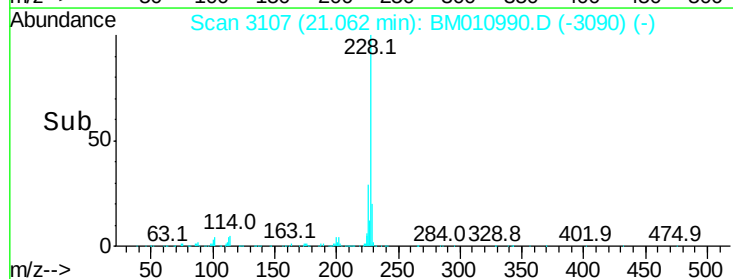
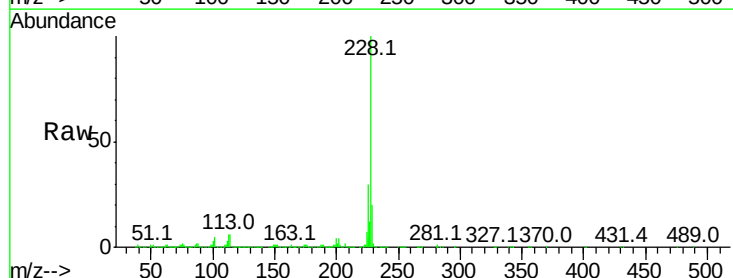
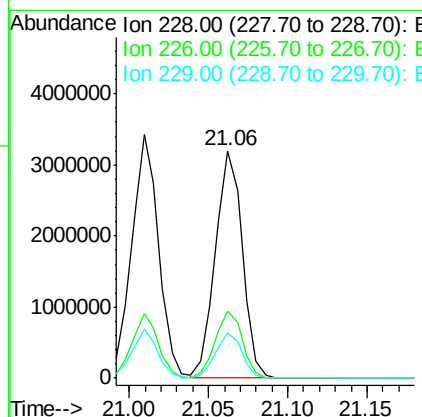
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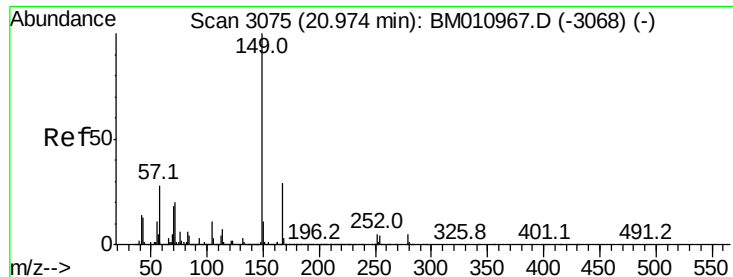
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#82
 Chrysene
 Concen: 42.189 ng
 RT: 21.06 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Tgt Ion:228 Resp: 3780521
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.1 36.1
 229 19.7 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.443 ng

RT: 20.97 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :
BNA_M

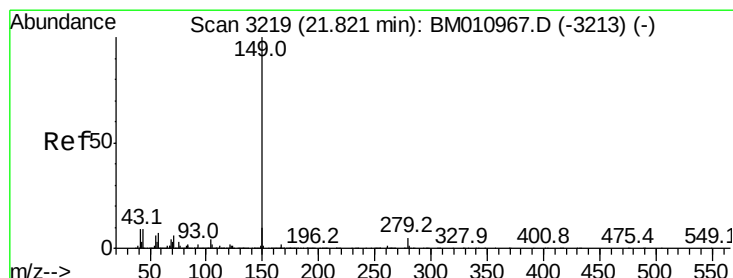
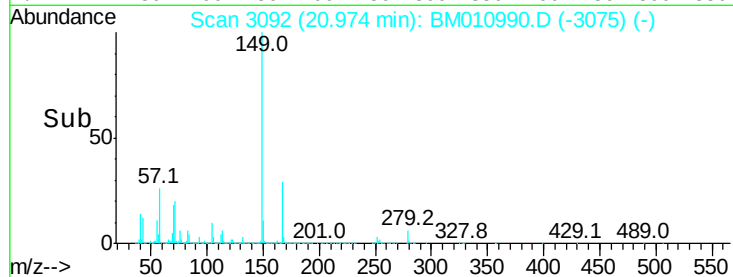
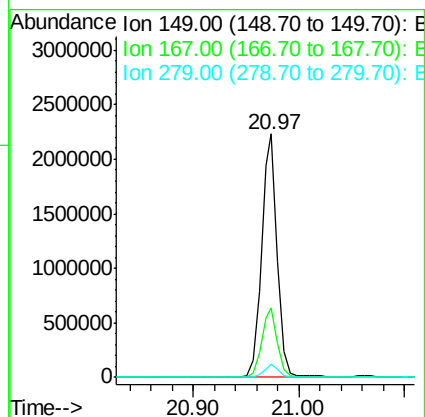
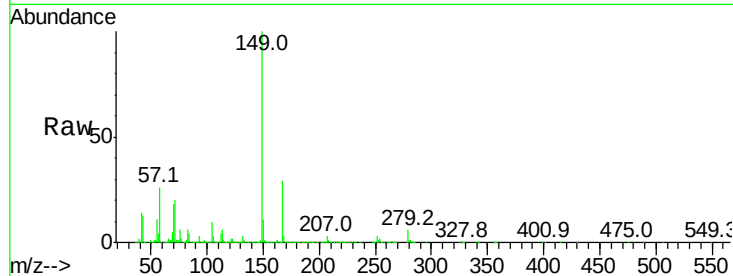
ClientSampleId :
PB100967BS

Tot Ion:149 Resp: 2309342

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.4	33.6
279	5.6	3.4	5.0#

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#84

Di-n-octyl phthalate

Concen: 40.039 ng

RT: 21.82 min Scan# 3236

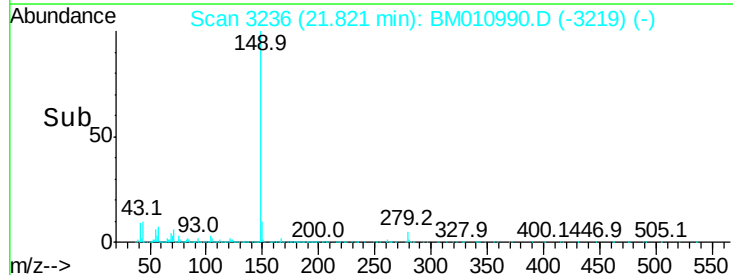
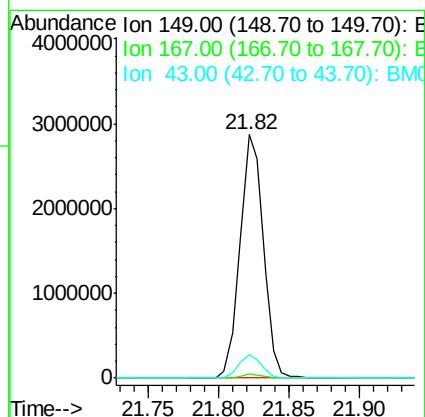
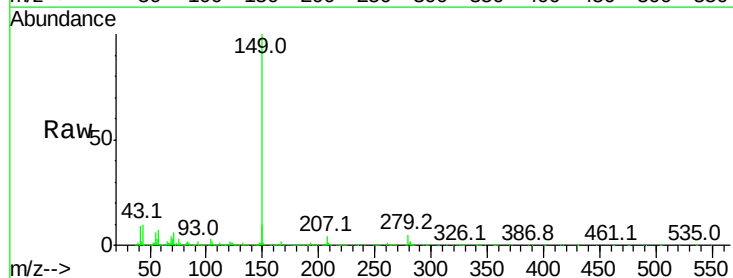
Delta R.T. 0.00 min

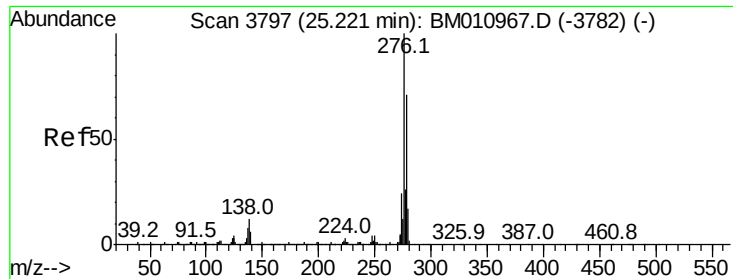
Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Tgt Ion:149 Resp: 3302385

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.4	7.3	10.9





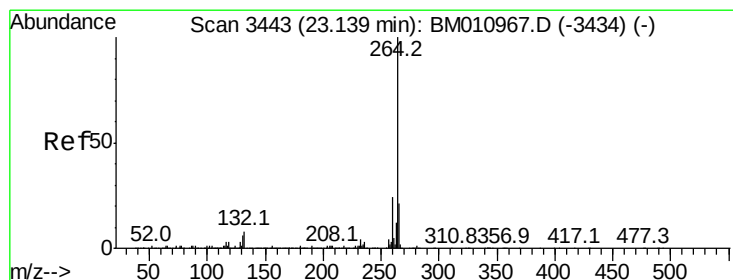
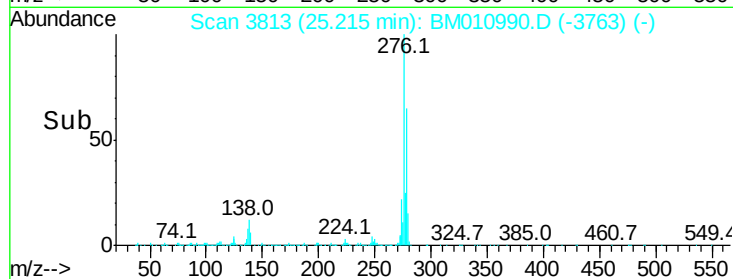
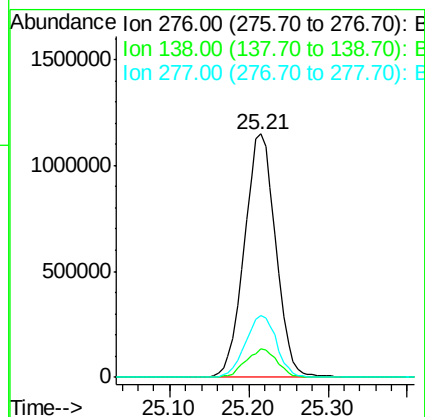
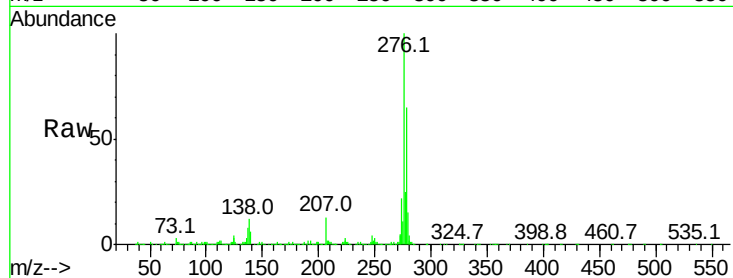
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.066 ng
RT: 25.21 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion:276 Resp: 3161475
Ion Ratio Lower Upper
276 100
138 11.9 12.0 18.0#
277 25.3 20.0 30.0

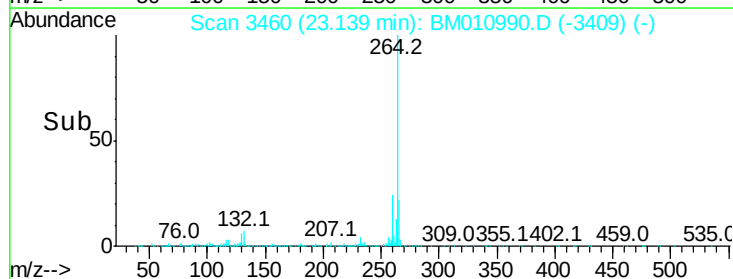
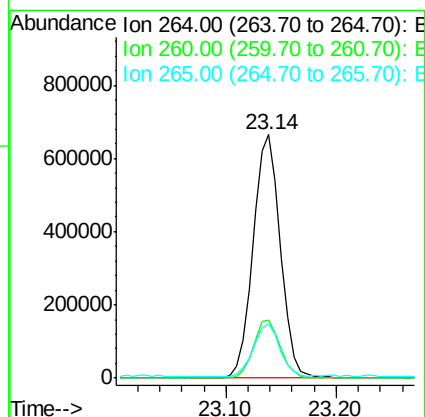
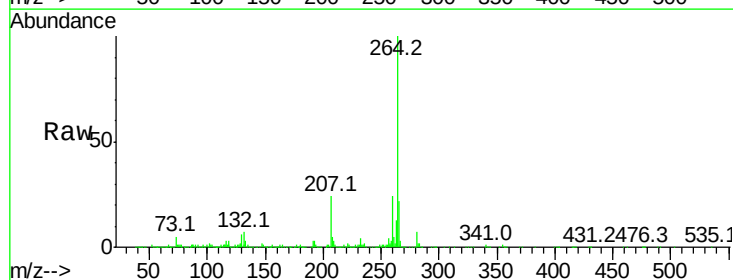
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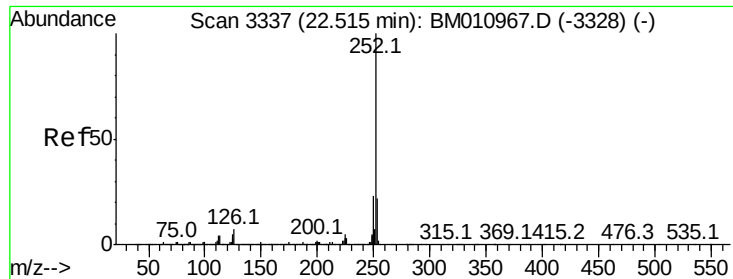
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion:264 Resp: 1154361
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 22.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 45.772 ng

RT: 22.52 min Scan# 3354

Delta R.T. 0.00 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Instrument :

BNA_M

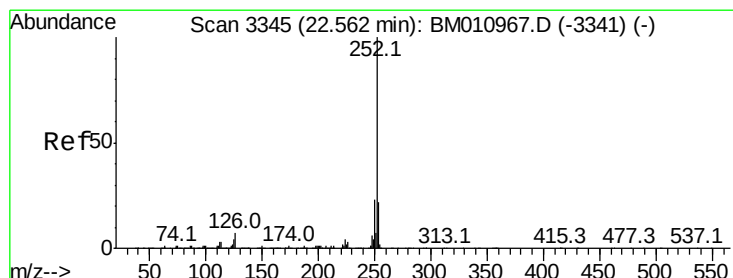
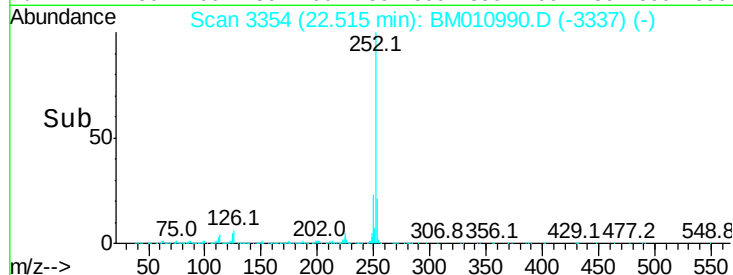
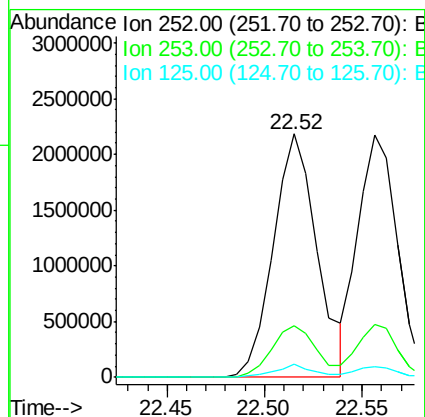
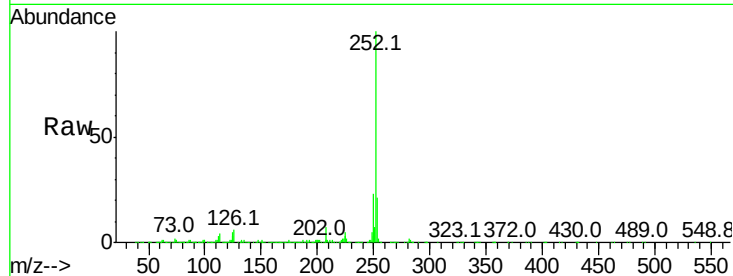
ClientSampleId :

PB100967BS

Tot Ion:252	Resp: 3391215
Ion Ratio	Lower Upper
252 100	
253 21.1	18.0 27.0
125 5.2	9.9 14.9#

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#88

Benzo(k)fluoranthene

Concen: 42.772 ng

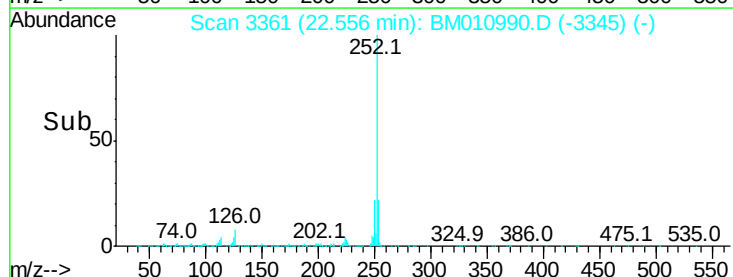
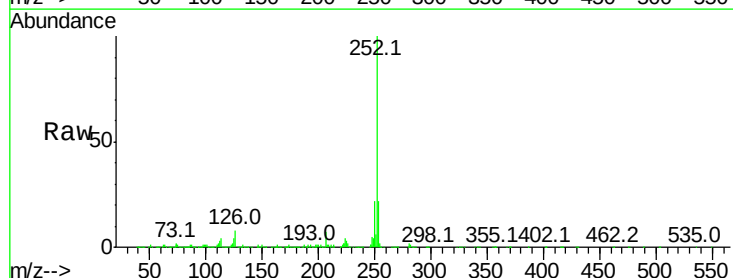
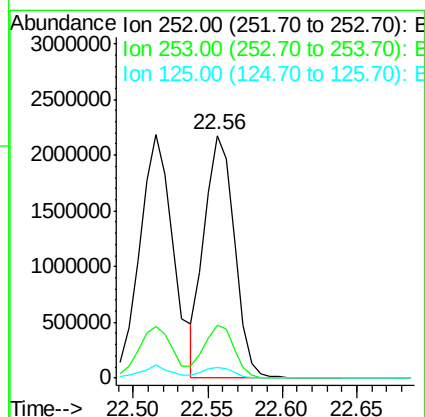
RT: 22.56 min Scan# 3361

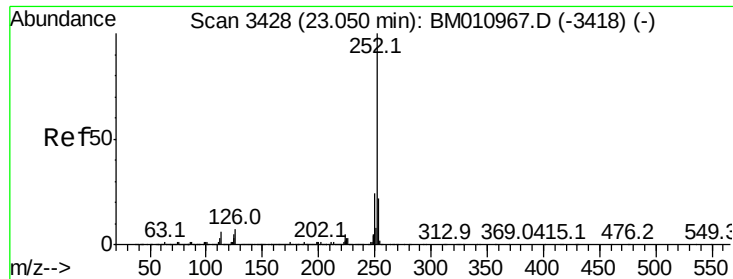
Delta R.T. -0.01 min

Lab File: BM010990.D

Acq: 27 Jul 2017 02:48

Tgt Ion:252	Resp: 3037289
Ion Ratio	Lower Upper
252 100	
253 21.6	17.2 25.8
125 4.3	8.1 12.1#





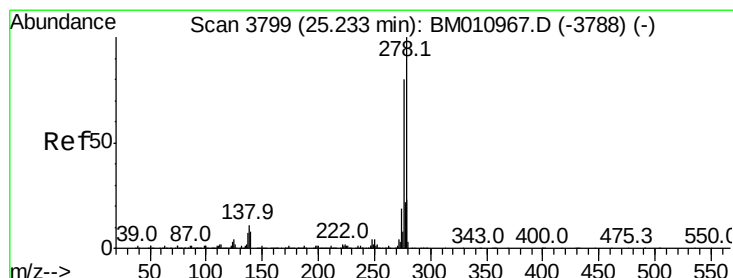
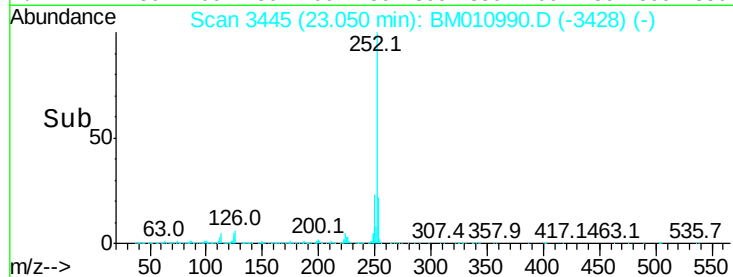
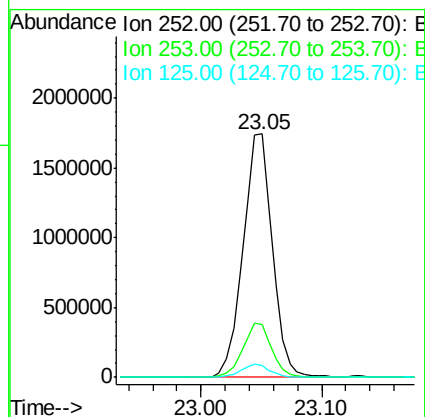
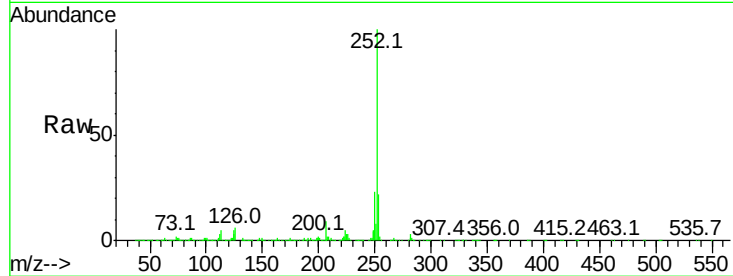
#89
Benzo(a)pyrene
Concen: 44.172 ng
RT: 23.05 min Scan# 3445
Delta R.T. 0.00 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	5.0	7.4	11.2

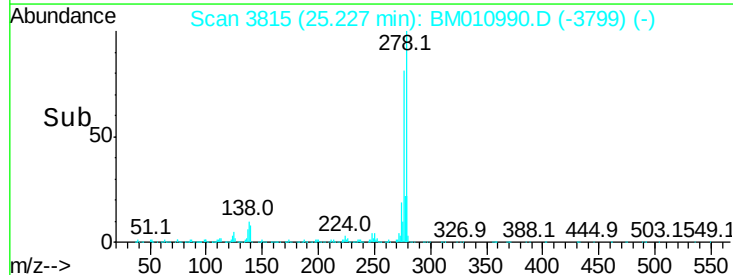
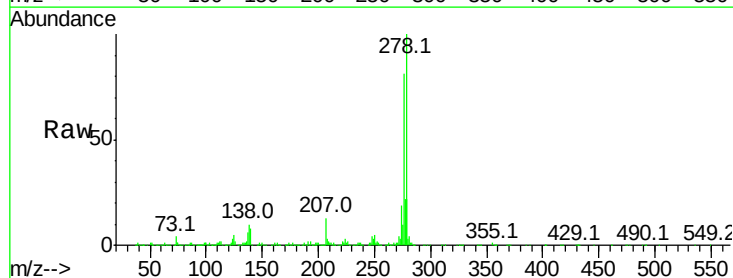
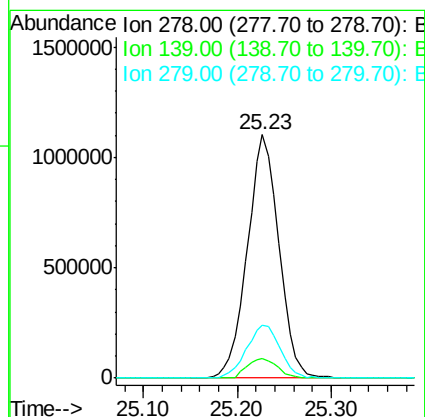
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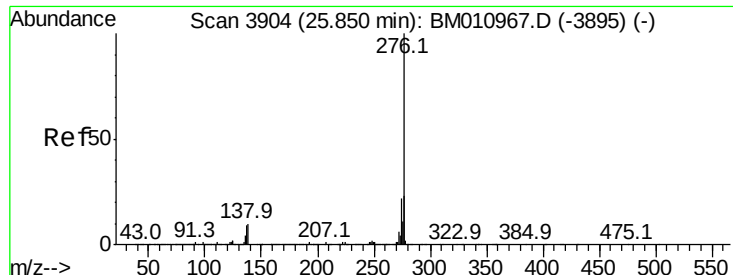
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#90
Dibenzo(a,h)anthracene
Concen: 41.308 ng
RT: 25.23 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM010990.D
Acq: 27 Jul 2017 02:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.0	13.4	20.0
279	21.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.734 ng
 RT: 25.84 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BM010990.D
 Acq: 27 Jul 2017 02:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100967BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	10.3	19.0	28.6

Manual Integrations
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 7/27/2017 6:21:43 PM

