

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011332.D
 Acq On : 22 Aug 2017 18:09
 Operator : SJ/JU
 Sample : I4892-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MS

Manual Integrations
 APPROVED

Sohil
 8/23/2017 7:21:29 PM

Quant Time: Aug 23 03:32:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	144452	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	549510	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	385398	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	1085570	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	1455325	20.00	ng	-0.02
86) Perylene-d12	22.99	264	1353162	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	936142	109.55	ng	-0.01
7) Phenol-d6	6.47	99	1272885	104.84	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1571677	107.35	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	701501	113.56	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	2703556	87.98	ng	-0.02
78) Terphenyl-d14	19.37	244	5424521	73.83	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	149223	38.893	ng	# 100
3) Pyridine	3.30	79	323900	30.907	ng	# 86
4) n-Nitrosodimethylamine	3.21	42	270894	50.723	ng	# 65
6) Aniline	6.62	93	229338	14.987	ng	# 85
8) 2-Chlorophenol	6.85	128	271475	31.292	ng	# 65
9) Benzaldehyde	6.43	77	288646	36.744	ng	# 65
10) Phenol	6.50	94	427276	32.401	ng	# 87
11) bis(2-Chloroethyl)ether	6.72	93	453474	44.133	ng	# 88
12) 1,3-Dichlorobenzene	7.16	146	329868	31.199	ng	# 68
13) 1,4-Dichlorobenzene	7.30	146	343163	31.664	ng	# 91
14) 1,2-Dichlorobenzene	7.61	146	330718	31.916	ng	# 87
15) Benzyl Alcohol	7.52	79	535309	45.960	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.80	45	449448	48.609	ng	# 79
17) 2-Methylphenol	7.73	107	290909	34.516	ng	# 69
18) Hexachloroethane	8.32	117	153815	32.544	ng	# 83
19) n-Nitroso-di-n-propylamine	8.08	70	505186	48.965	ng	# 89
20) 3+4-Methylphenols	8.05	107	399088	34.064	ng	# 75
22) Acetophenone	8.09	105	701816	42.607	ng	# 86
24) Nitrobenzene	8.46	77	741802	48.893	ng	# 78
25) Isophorone	8.98	82	1195660	48.979	ng	# 82
26) 2-Nitrophenol	9.16	139	164213	34.016	ng	# 1
27) 2,4-Dimethylphenol	9.24	122	290160	34.144	ng	# 64
28) bis(2-Chloroethoxy)methane	9.47	93	616998	45.316	ng	# 97
29) 2,4-Dichlorophenol	9.69	162	315171	33.004	ng	# 90
30) 1,2,4-Trichlorobenzene	9.89	180	462974	39.210	ng	# 99
31) Naphthalene	10.07	128	1094071	39.577	ng	# 98
32) Benzoic acid	9.37	122	173654	25.422	ng	# 44
33) 4-Chloroaniline	10.22	127	167680	15.205	ng	# 58
34) Hexachlorobutadiene	10.36	225	367073	39.471	ng	# 98
35) Caprolactam	10.99	113	92763m	34.254	ng	#
36) 4-Chloro-3-methylphenol	11.34	107	420329	34.088	ng	# 68
37) 2-Methylnaphthalene	11.70	142	856542	42.178	ng	# 83
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	659371	39.822	ng	# 100
40) Hexachlorocyclopentadiene	12.06	237	777336	80.568	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	340590	33.984	nq	94
43) 2,4,5-Trichlorophenol	12.42	196	358282	34.710	nq #	87
45) 1,1'-Biphenyl	12.75	154	1209556	36.296	nq	95
46) 2-Chloronaphthalene	12.79	162	992616	40.427	nq	95
47) 2-Nitroaniline	13.02	65	495739	57.071	nq #	56
48) Acenaphthylene	13.65	152	1486490	40.567	nq	98
49) Dimethylphthalate	13.42	163	1315667	39.906	nq #	98
50) 2,6-Dinitrotoluene	13.53	165	279014	41.850	nq #	37
51) Acenaphthene	14.00	154	936604	41.281	nq	99
52) 3-Nitroaniline	13.86	138	215094	37.179	nq #	4
53) 2,4-Dinitrophenol	14.07	184	321453	67.843	nq #	78
54) Dibenzofuran	14.34	168	1663150	45.240	nq #	90
55) 4-Nitrophenol	14.20	139	294114	57.863	nq #	75
56) 2,4-Dinitrotoluene	14.33	165	422491	45.140	nq #	65
57) Fluorene	15.00	166	1340351	41.876	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.58	232	397800	41.116	nq #	100
59) Diethylphthalate	14.80	149	1389721	41.274	nq	98
60) 4-Chlorophenyl-phenylether	15.00	204	832655	43.087	nq	98
61) 4-Nitroaniline	15.04	138	217630	35.415	nq #	1
62) Azobenzene	15.30	77	2109552	58.541	nq	84
64) 4,6-Dinitro-2-methylphenol	15.10	198	227560	30.964	nq	95
65) n-Nitrosodiphenylamine	15.23	169	1213566	39.062	nq	99
66) 4-Bromophenyl-phenylether	15.90	248	554515	39.735	nq #	92
67) Hexachlorobenzene	16.00	284	563775	35.750	nq #	86
68) Atrazine	16.20	200	530869	42.640	nq	97
69) Pentachlorophenol	16.36	266	650966	65.020	nq	98
70) Phenanthrene	16.74	178	2446900	43.047	nq	100
71) Anthracene	16.83	178	2471913	43.604	nq	98
72) Carbazole	17.11	167	2146646	43.299	nq	99
73) Di-n-butylphthalate	17.70	149	2512405	41.614	nq #	96
74) Fluoranthene	18.77	202	3409355	48.400	nq	98
76) Benzidine	18.99	184	572014	16.430	nq	100
77) Pyrene	19.14	202	3526185	40.778	nq	100
79) Butylbenzylphthalate	20.09	149	1233597	40.117	nq #	53
80) Benzo(a)anthracene	20.91	228	3559443	42.834	nq	99
81) 3,3'-Dichlorobenzidine	20.86	252	879988	26.994	nq #	96
82) Chrysene	20.96	228	3238234	40.597	nq	99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1830727	40.470	nq #	99
84) Di-n-octyl phthalate	21.72	149	3008765	40.980	nq #	93
85) Indeno(1,2,3-cd)pyrene	25.01	276	3707744	44.882	nq #	96
87) Benzo(b)fluoranthene	22.39	252	3479539	40.065	nq #	92
88) Benzo(k)fluoranthene	22.43	252	3308676	39.749	nq #	95
89) Benzo(a)pyrene	22.91	252	3320304	42.251	nq #	96
90) Dibenzo(a,h)anthracene	25.01	278	3042034	41.757	nq #	91
91) Benzo(g,h,i)perylene	25.61	276	3061418	42.795	nq #	85

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

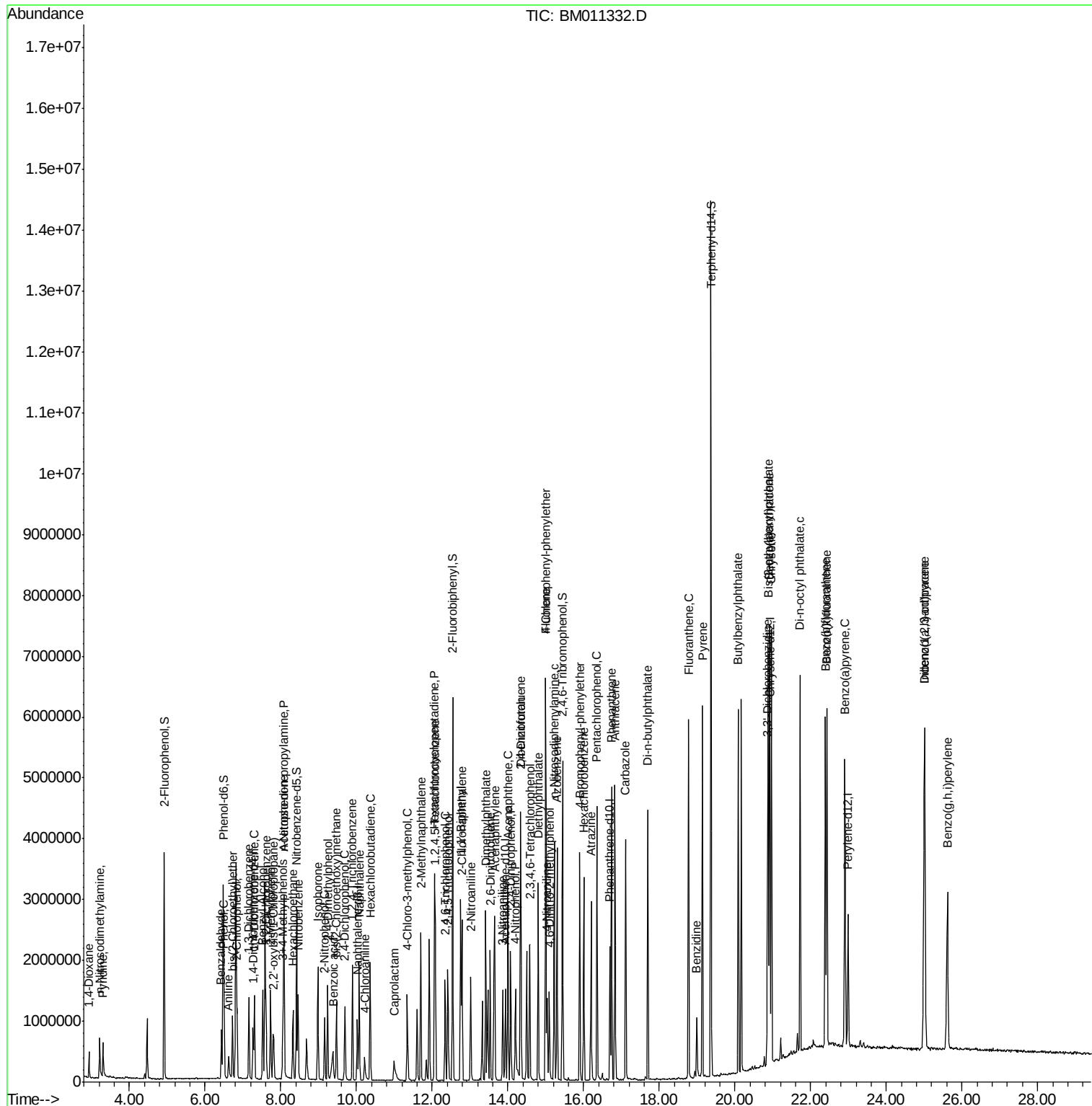
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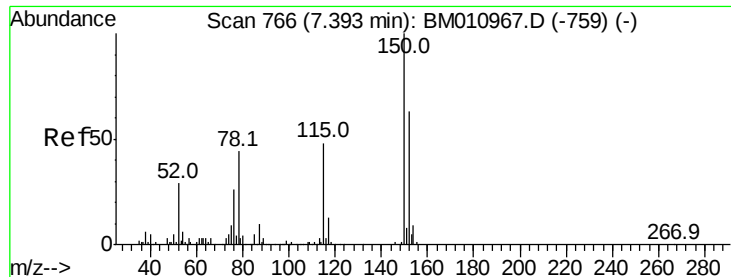
Instrument :
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#1

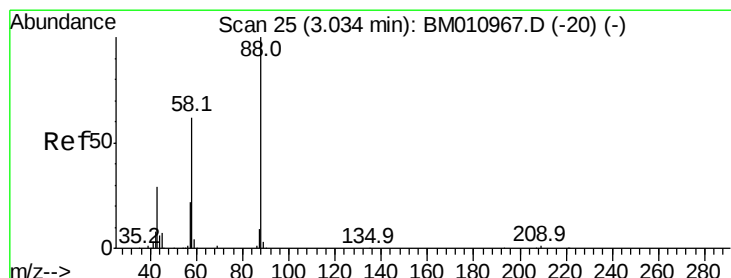
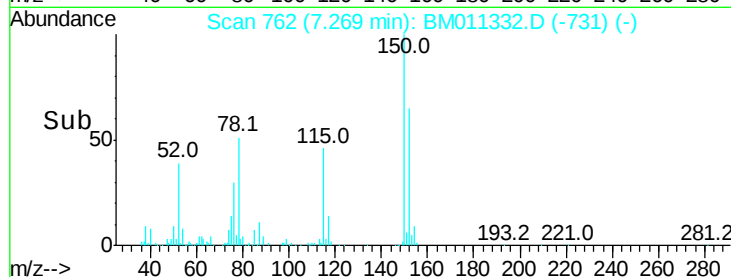
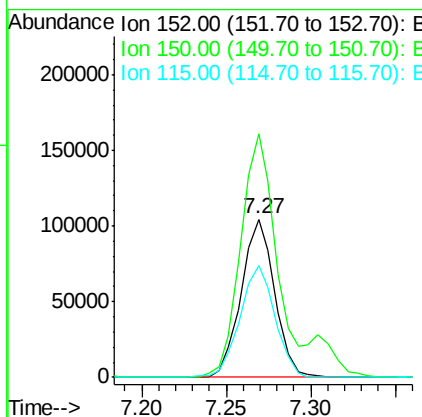
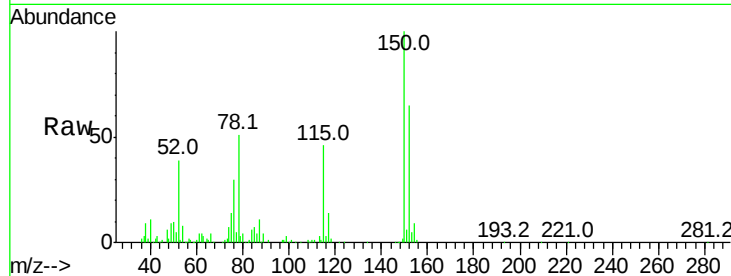
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.5	179.3
115	70.7	43.0	64.4

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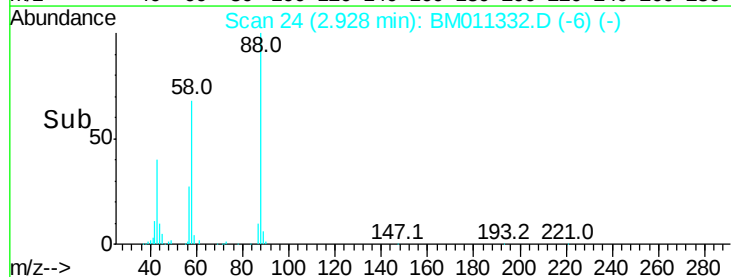
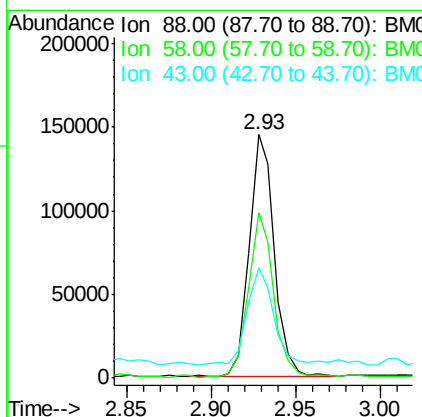
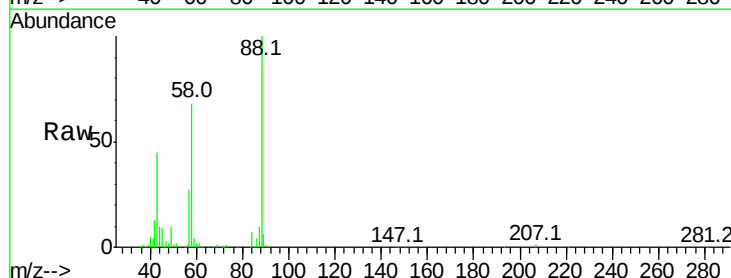
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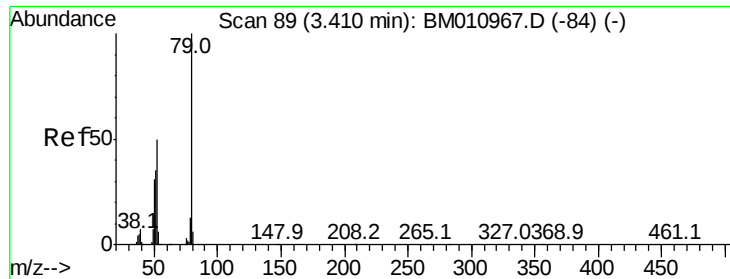


#2

1,4-Dioxane
Concen: 38.893 ng
RT: 2.93 min Scan# 24
Delta R.T. 0.01 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	0.0	0.0
43	42.0	0.0	0.0





#3

Pvridine

Concen: 30.907 ng

RT: 3.30 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

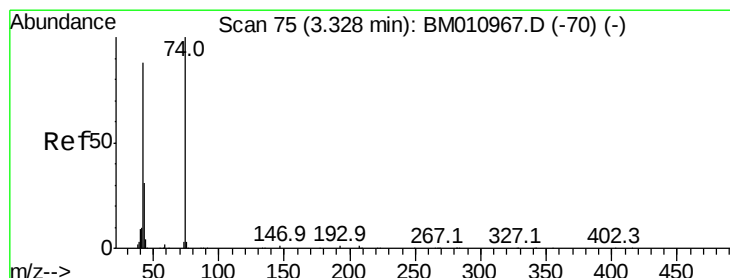
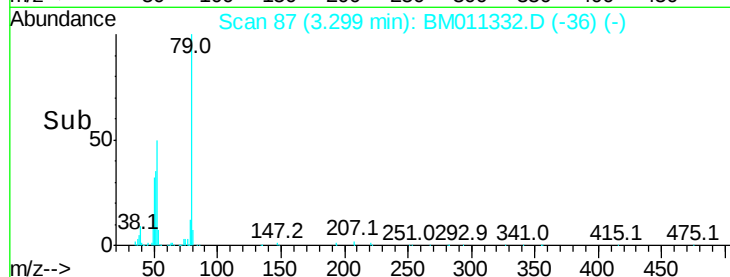
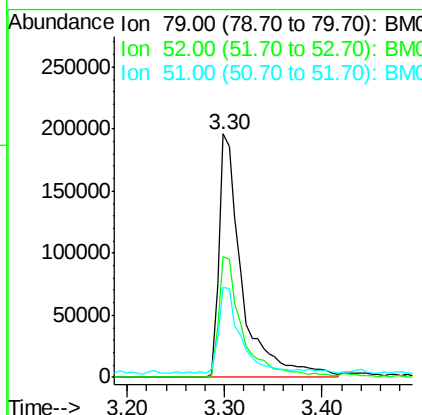
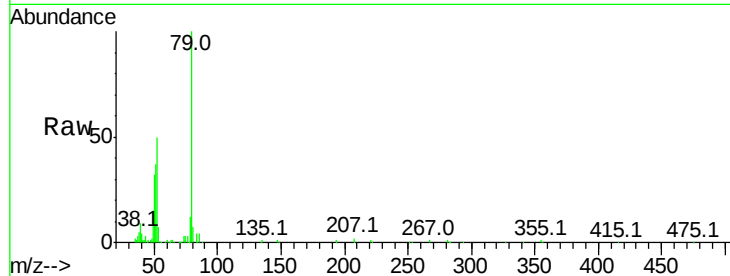
ClientSampleId :

HR-06-081817MS

Tot Ion:	79	Resp:	323900
Ion Ratio	Lower	Upper	
79	100		
52	49.8	51.1	76.7#
51	36.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 50.723 ng

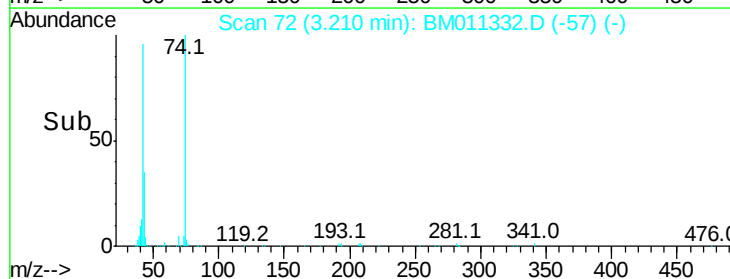
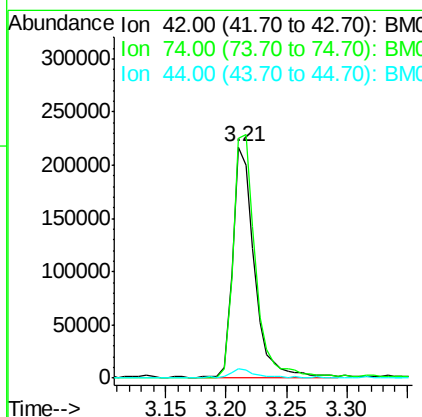
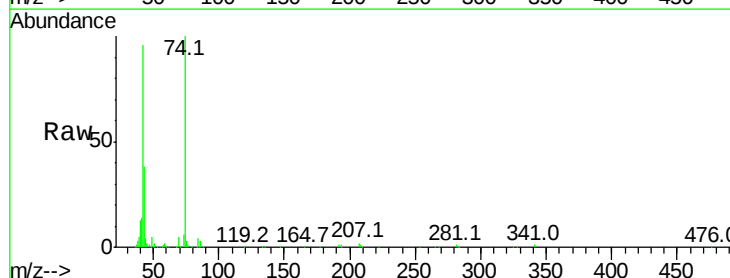
RT: 3.21 min Scan# 72

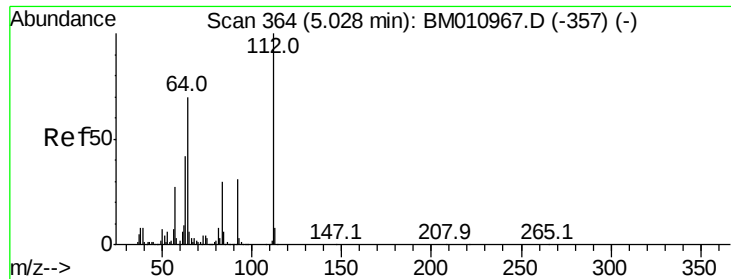
Delta R.T. -0.01 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:	42	Resp:	270894
Ion Ratio	Lower	Upper	
42	100		
74	103.7	119.3	178.9#
44	4.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 109.551 ng

RT: 4.92 min Scan# 362

Delta R.T. -0.01 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

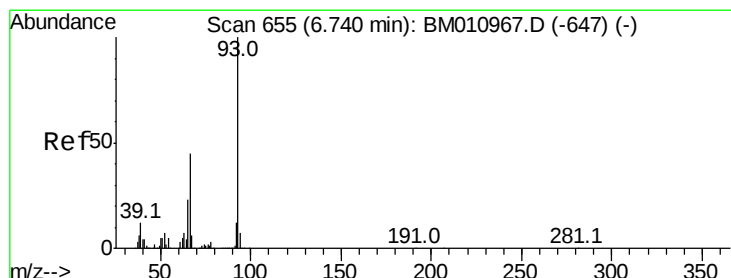
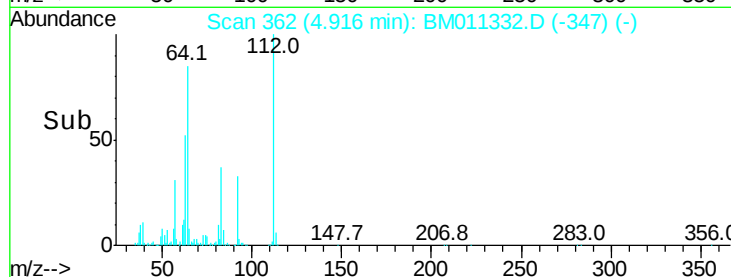
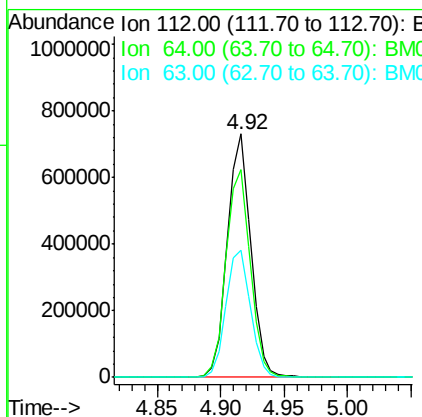
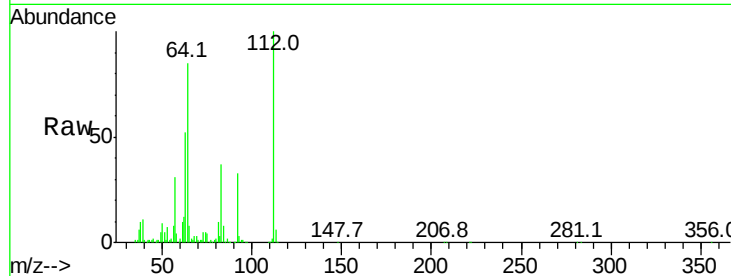
ClientSampleId :

HR-06-081817MS

Tot Ion:	112	Resp:	936142
Ion Ratio	Lower	Upper	
112	100		
64	85.3	38.6	57.8#
63	52.4	19.3	28.9#

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#6

Aniline

Concen: 14.987 ng

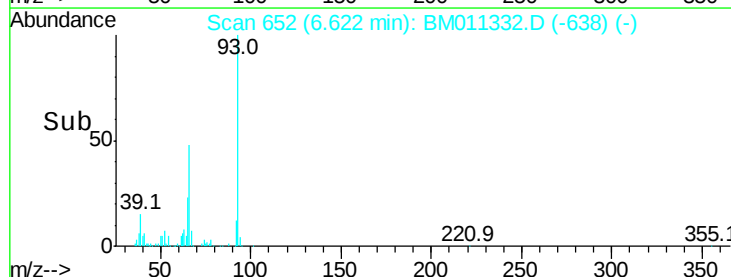
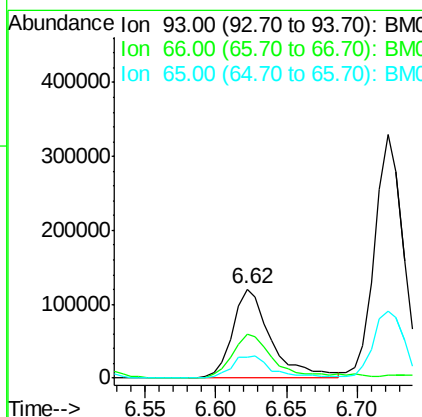
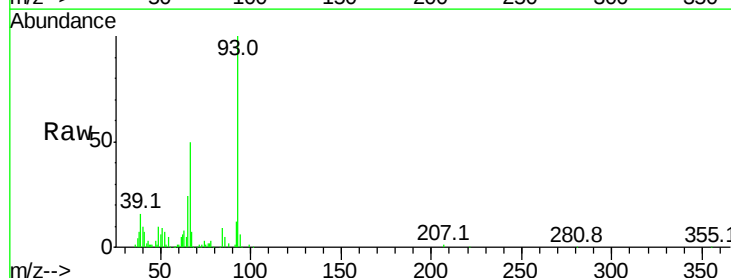
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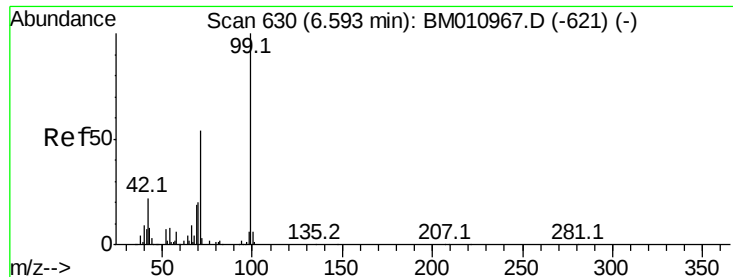
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:	93	Resp:	229338
Ion Ratio	Lower	Upper	
93	100		
66	49.9	30.8	46.2#
65	23.6	16.0	24.0





#7

Phenol-d6

Concen: 104.840 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011332.D

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Instrument :

BNA_M

ClientSampleId :

HR-06-081817MS

Tot Ion: 99 Resp: 1272885

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

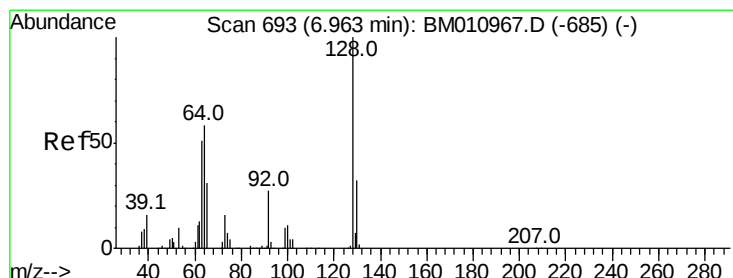
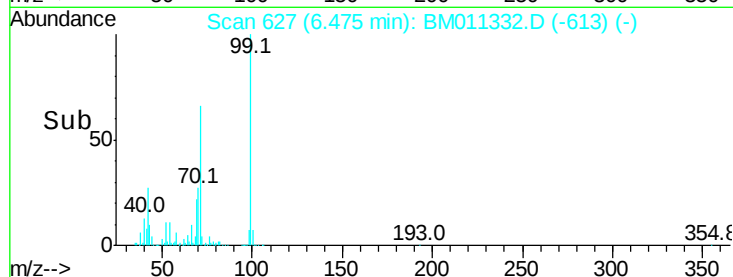
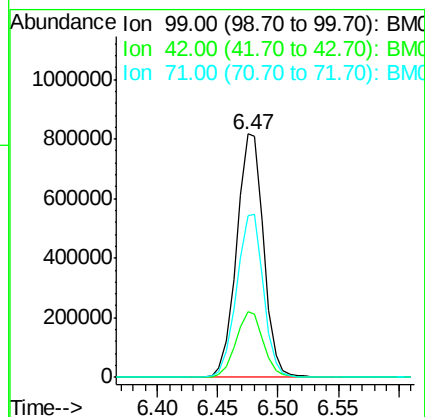
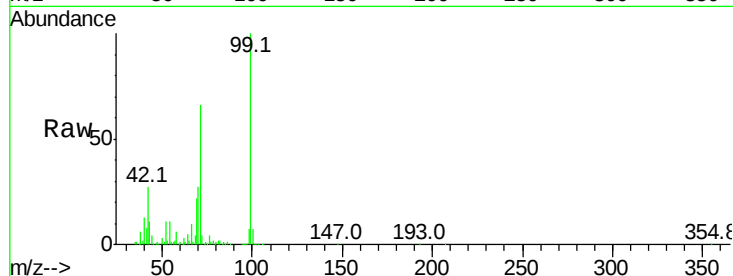
71 66.5 23.4 35.2#

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#8

2-Chlorophenol

Concen: 31.292 ng

RT: 6.85 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

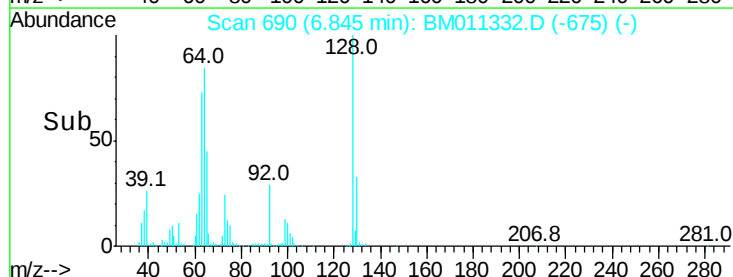
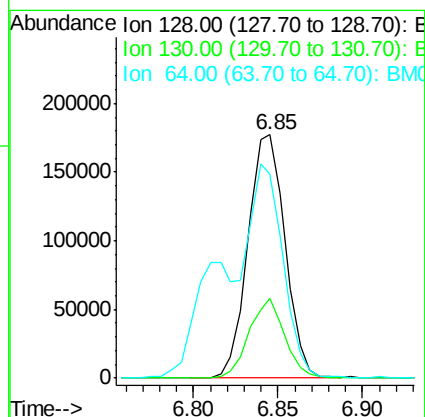
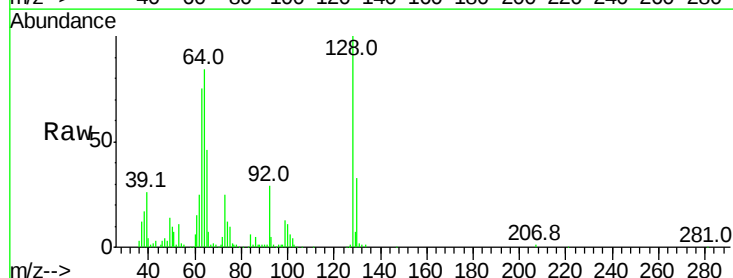
Tgt Ion: 128 Resp: 271475

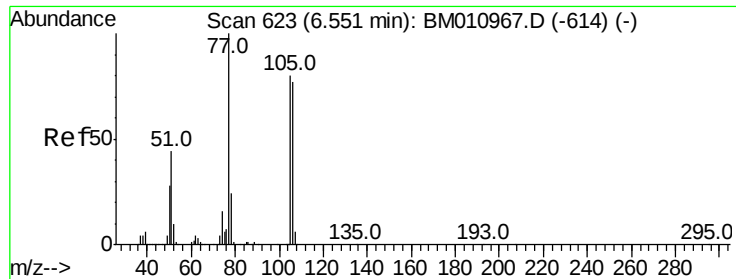
Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

64 83.7 24.9 64.9#





#9

Benzaldehyde

Concen: 36.744 ng

RT: 6.43 min Scan# 619

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

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BNA_M

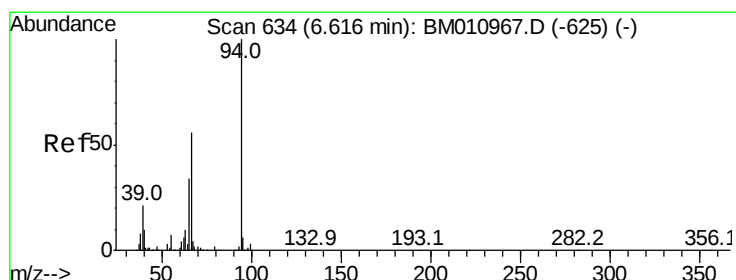
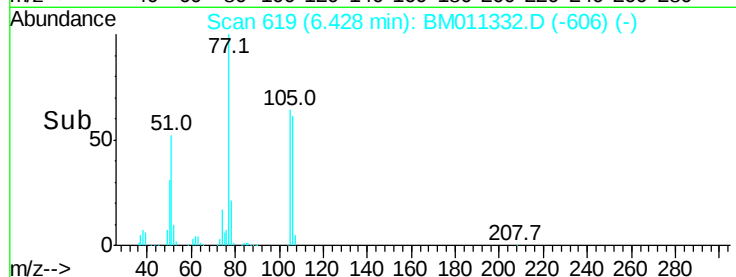
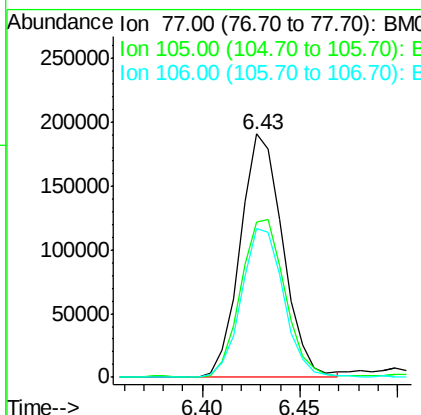
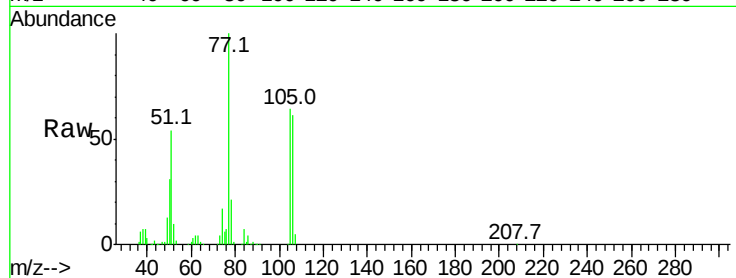
ClientSampleId :

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Tot Ion:	77	Resp:	288646
Ion Ratio	Lower	Upper	
77	100		
105	64.0	78.8	118.8#
106	60.9	73.7	113.7#

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#10

Phenol

Concen: 32.401 ng

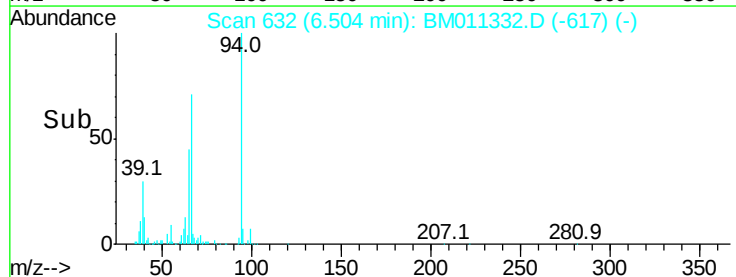
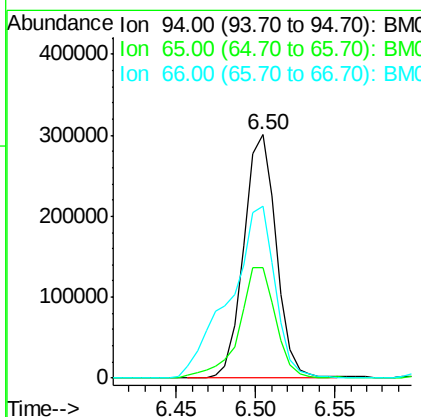
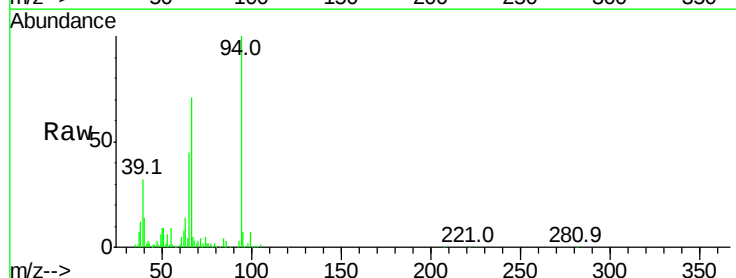
RT: 6.50 min Scan# 632

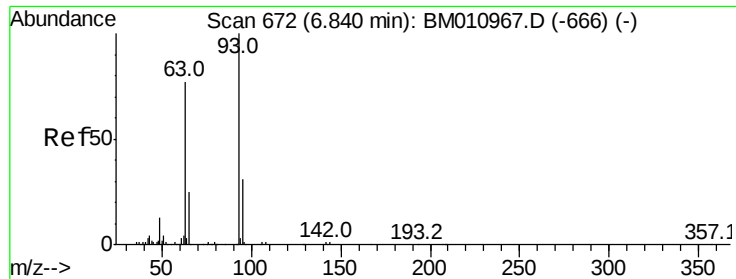
Delta R.T. -0.01 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:	94	Resp:	427276
Ion Ratio	Lower	Upper	
94	100		
65	45.3	18.8	58.8
66	70.7	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 44.133 ng

RT: 6.72 min Scan# 669

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

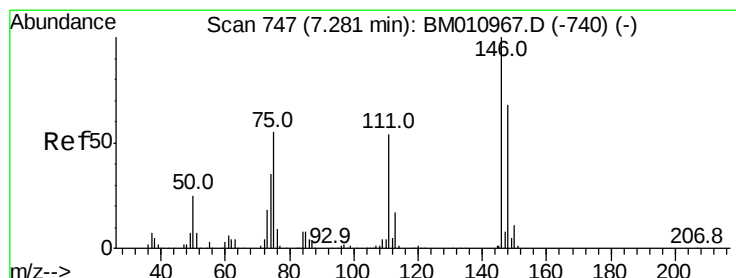
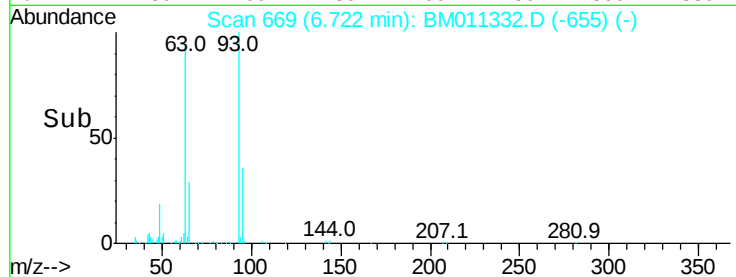
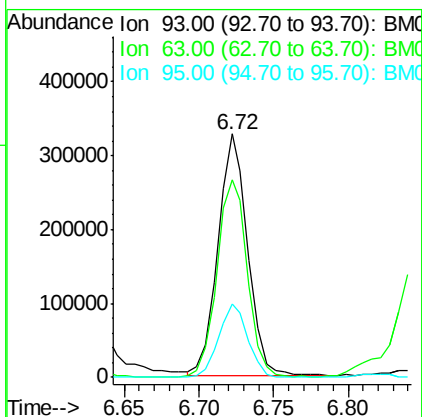
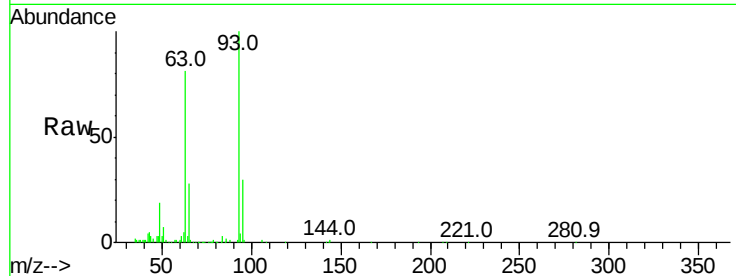
ClientSampleId :

HR-06-081817MS

Tot Ion	93	Resp	453474
Ion Ratio	Lower	Upper	
93	100		
63	81.2	49.5	89.5
95	30.2	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 31.199 ng

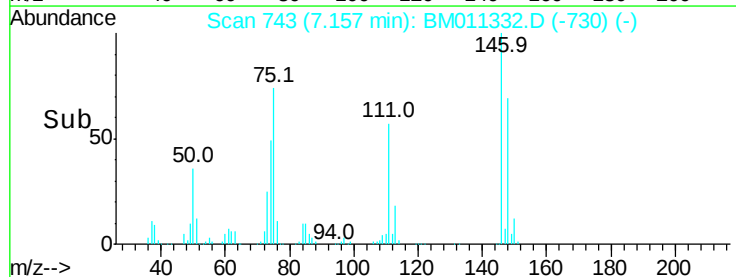
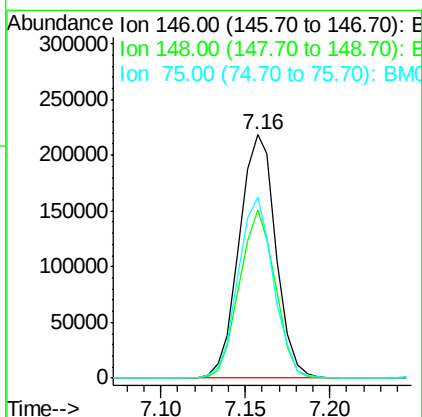
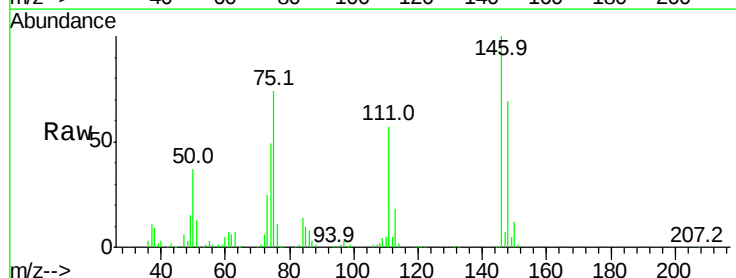
RT: 7.16 min Scan# 743

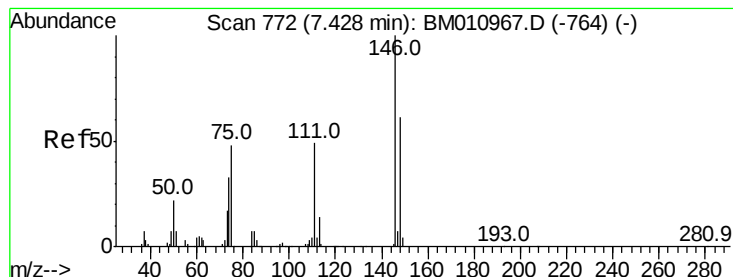
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion	146	Resp	329868
Ion Ratio	Lower	Upper	
146	100		
148	69.1	50.9	76.3
75	74.1	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 31.664 ng

RT: 7.30 min Scan# 768

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

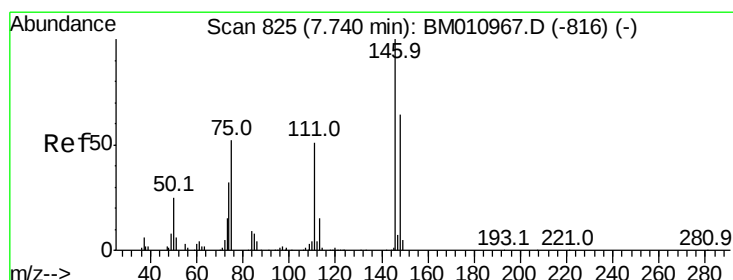
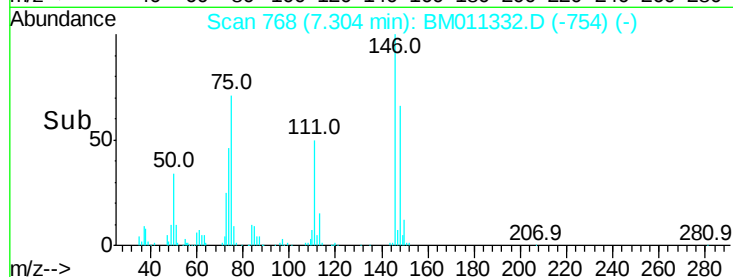
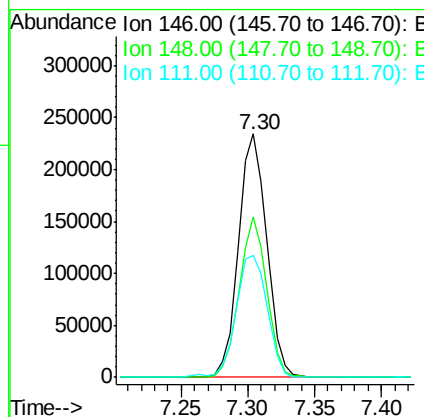
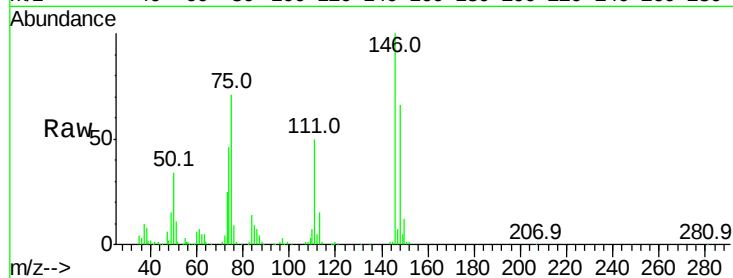
ClientSampleId :

HR-06-081817MS

Tot Ion:	146	Resp:	343163
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.9	77.9
111	50.3	29.2	43.8#

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#14

1,2-Dichlorobenzene

Concen: 31.916 ng

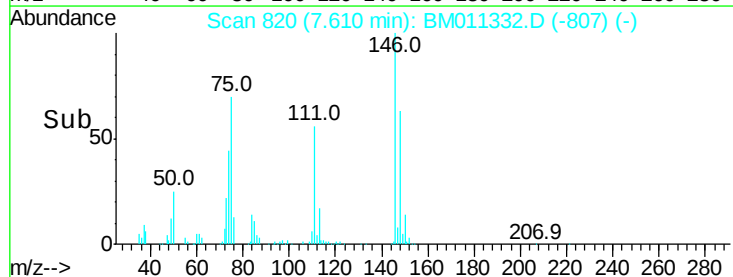
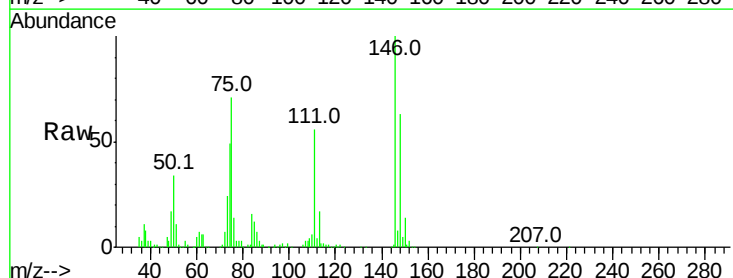
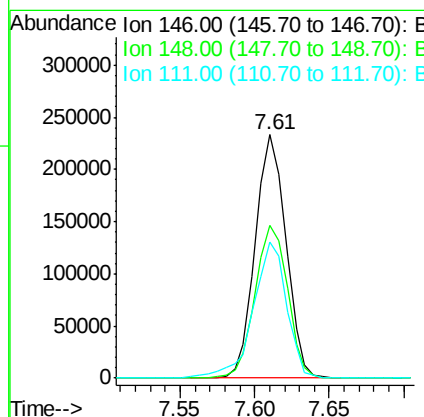
RT: 7.61 min Scan# 820

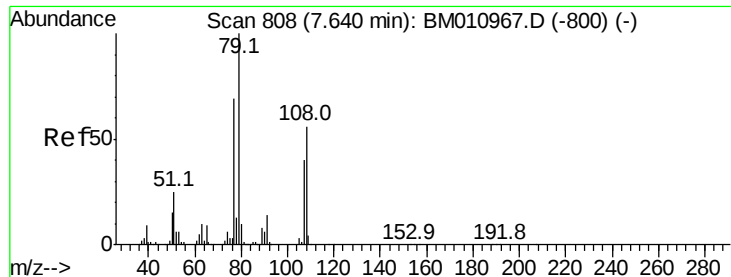
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:	146	Resp:	330718
Ion Ratio	Lower	Upper	
146	100		
148	62.6	52.3	78.5
111	55.8	30.6	45.8#





#15

Benzyl Alcohol

Concen: 45.960 ng

RT: 7.52 min Scan# 805

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

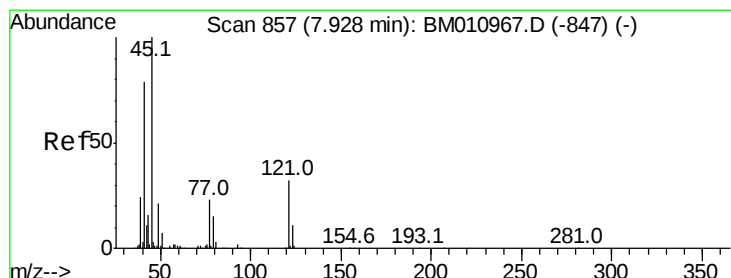
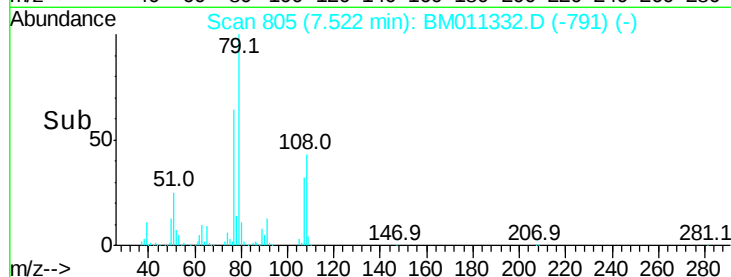
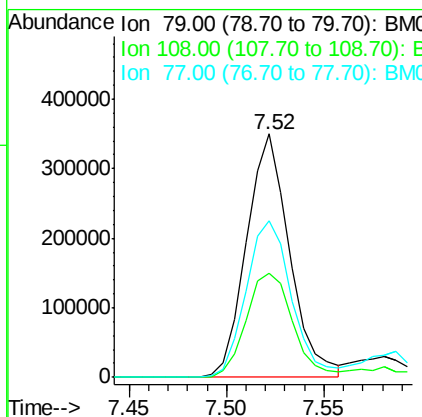
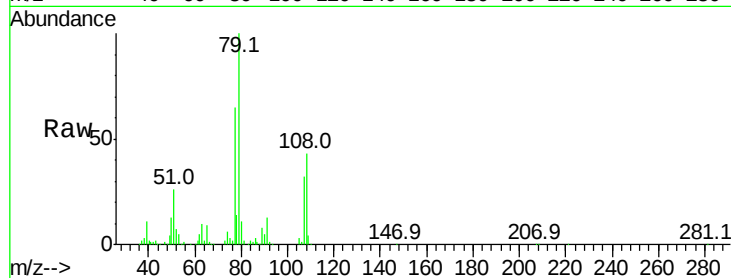
ClientSampleId :

HR-06-081817MS

Tot Ion	79	Resp	535309
Ion Ratio	Lower	Upper	
79	100		
108	42.8	65.0	97.4#
77	64.5	53.0	79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.609 ng

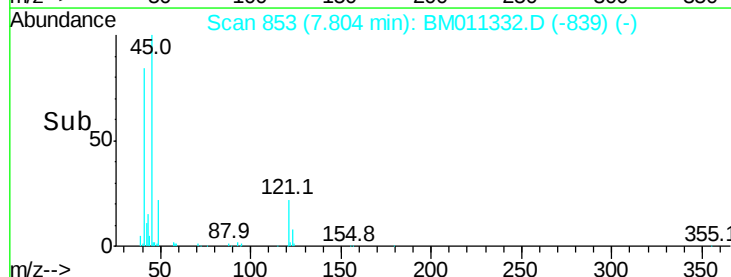
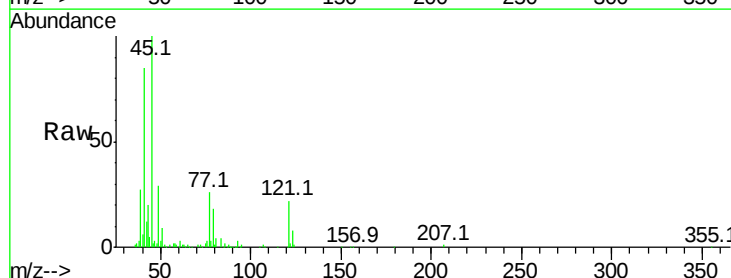
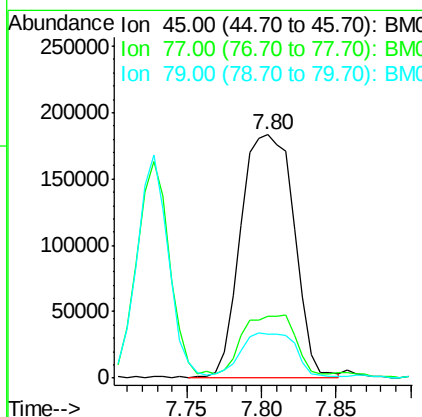
RT: 7.80 min Scan# 853

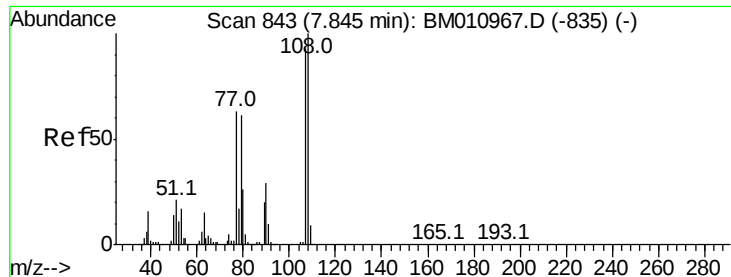
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion	45	Resp	449448
Ion Ratio	Lower	Upper	
45	100		
77	25.6	0.0	35.2
79	17.9	0.0	32.0





#17

2-Methylphenol

Concen: 34.516 ng

RT: 7.73 min Scan# 840

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

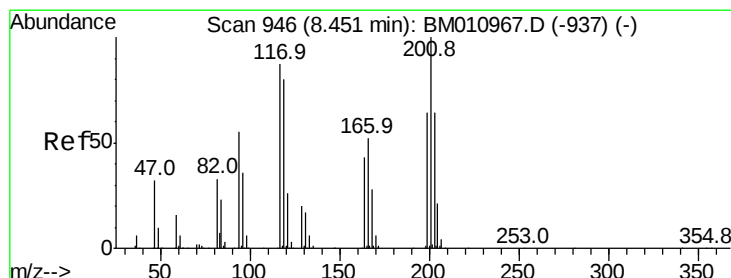
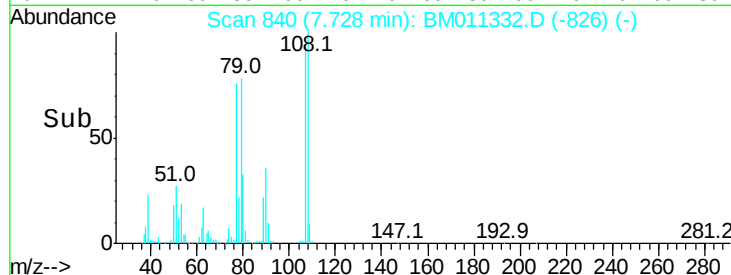
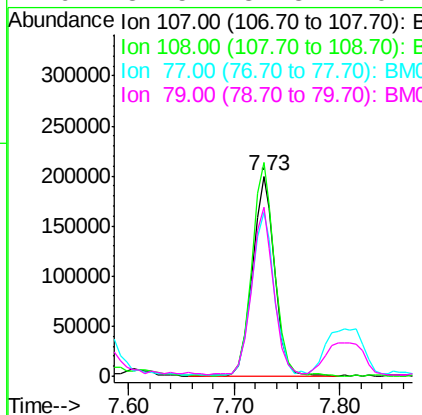
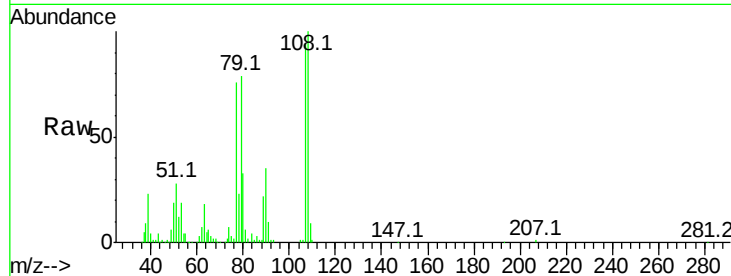
ClientSampleId :

HR-06-081817MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.9	89.8	134.8	
77	81.8	32.6	48.8#	
79	84.5	32.8	49.2#	

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#18

Hexachloroethane

Concen: 32.544 ng

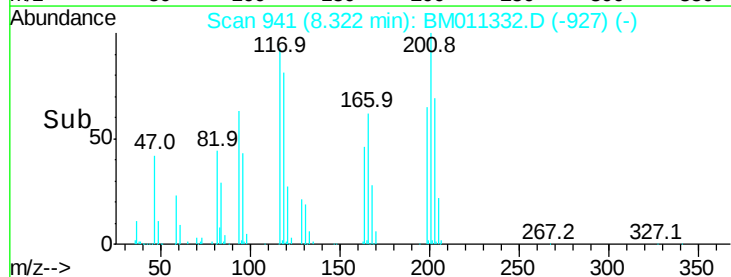
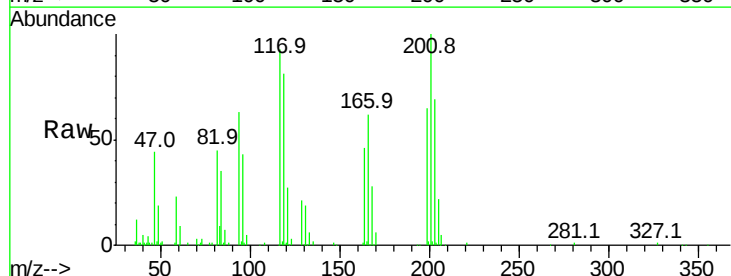
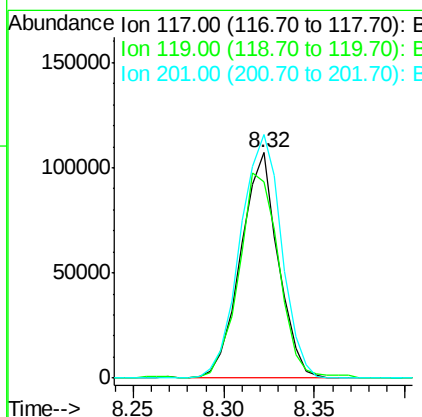
RT: 8.32 min Scan# 941

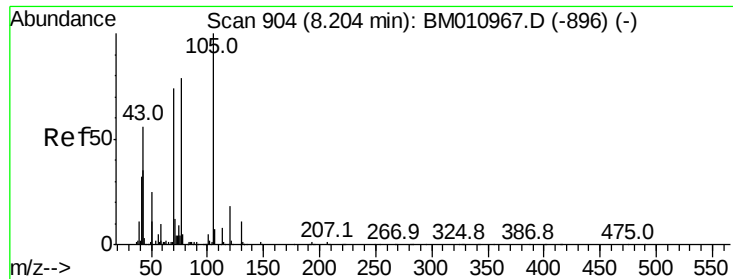
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.0	79.2	118.8	
201	108.0	69.8	104.6#	





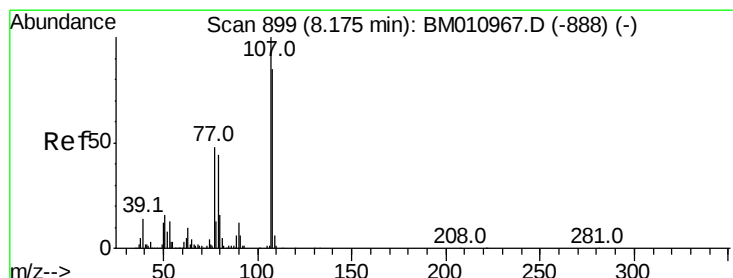
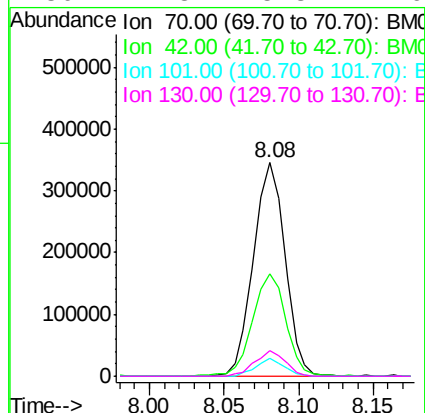
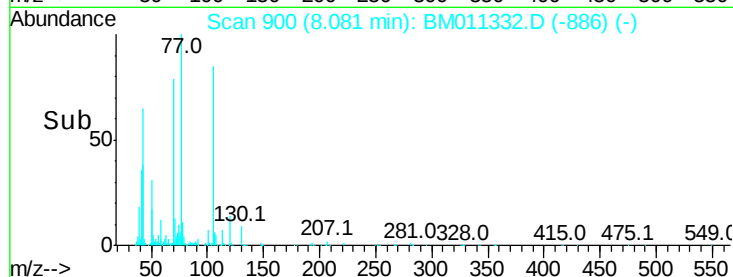
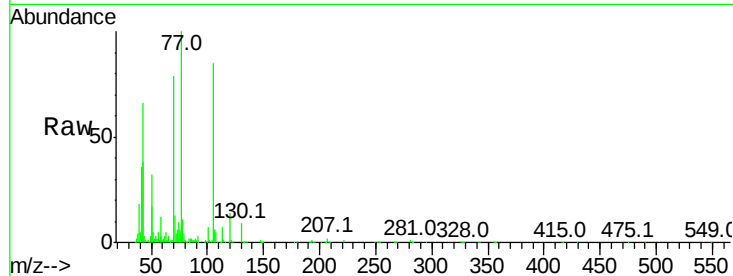
#19
n-Nitroso-di-n-propylamine
Concen: 48.965 ng
RT: 8.08 min Scan# 900
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.8	44.5	66.7
101	8.2	7.4	11.2
130	11.8	15.3	22.9#

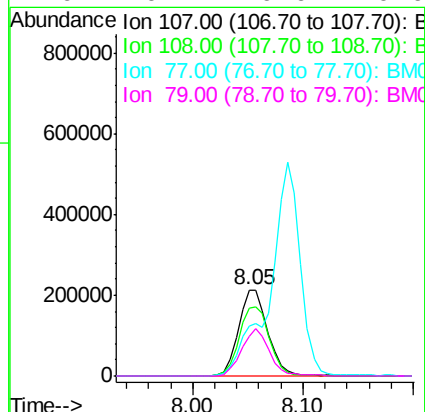
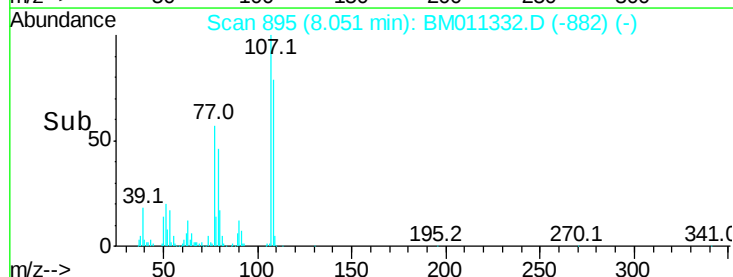
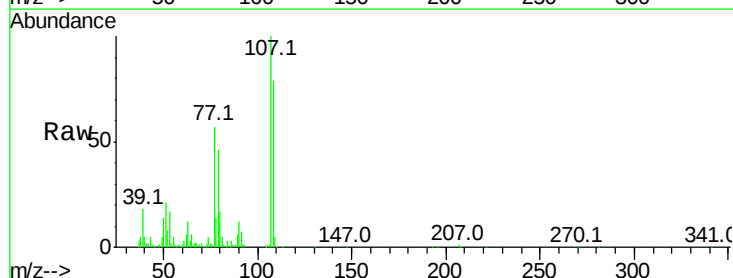
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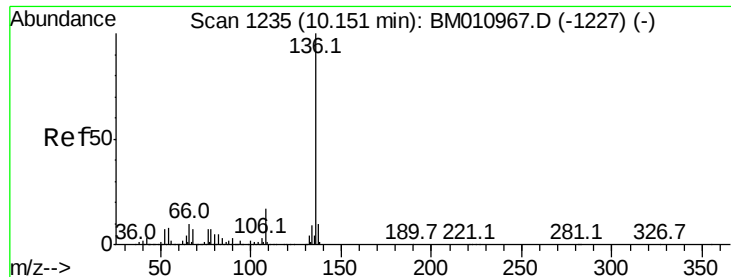
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#20
3+4-Methylphenols
Concen: 34.064 ng
RT: 8.05 min Scan# 895
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	79.0	73.2	113.2
77	57.2	10.7	50.7#
79	46.1	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

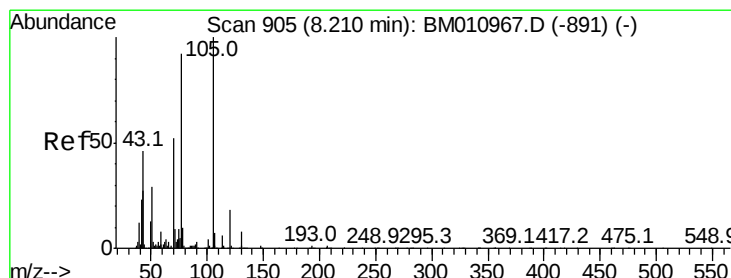
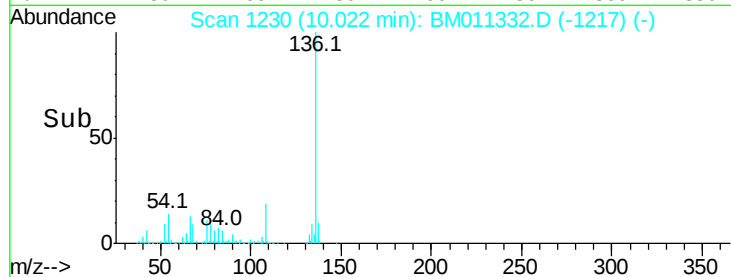
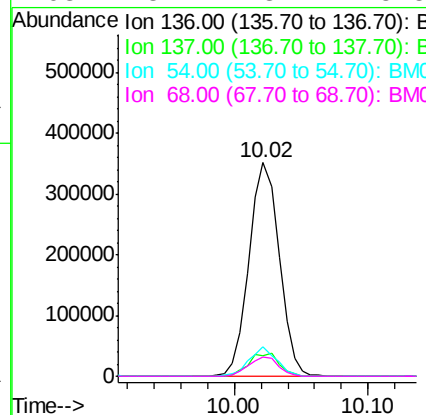
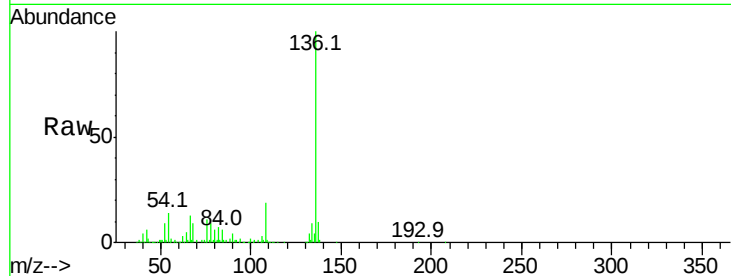
ClientSampleId :

HR-06-081817MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.8	8.7	13.1	
54	13.6	4.6	6.8#	
68	8.7	3.7	5.5#	

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#22

Acetophenone

Concen: 42.607 ng

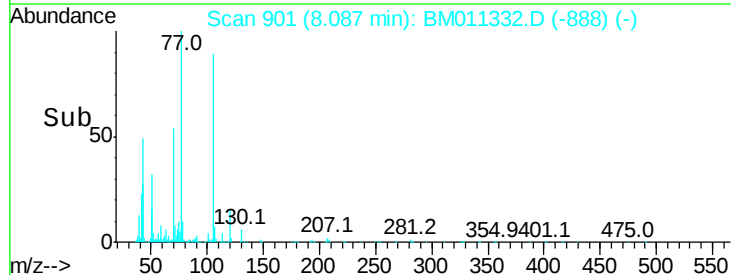
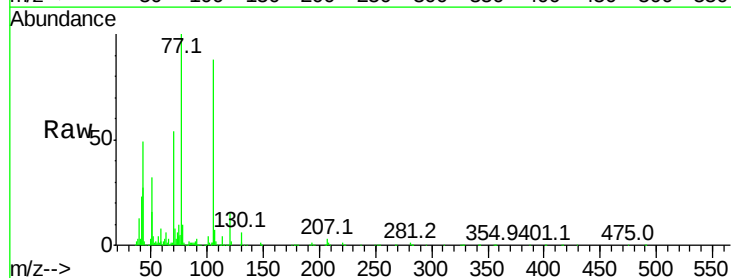
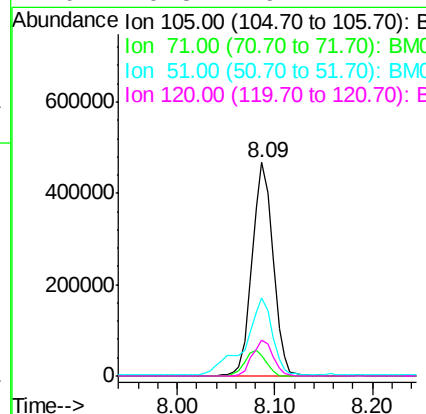
RT: 8.09 min Scan# 901

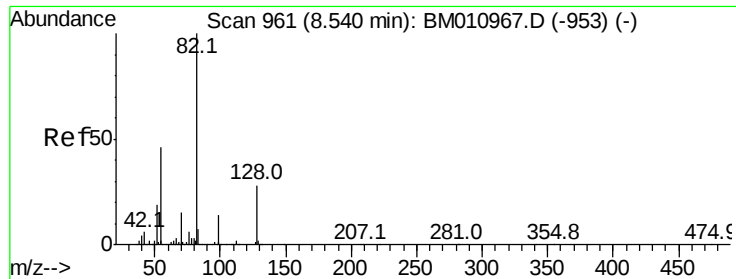
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.4	0.6	1.0#	
51	36.5	21.6	32.4#	
120	16.8	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 107.346 ng

RT: 8.42 min Scan# 957

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

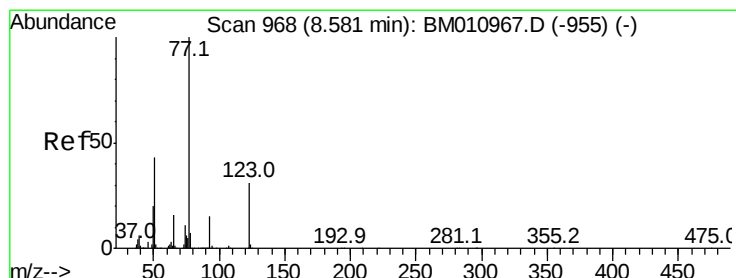
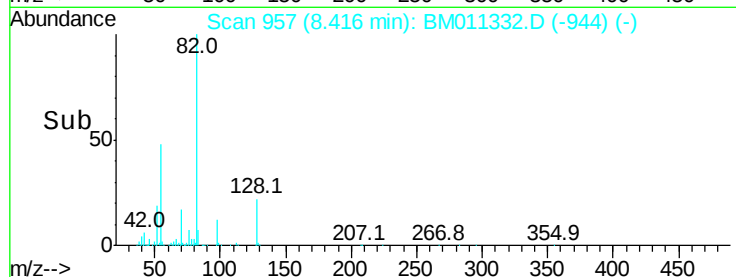
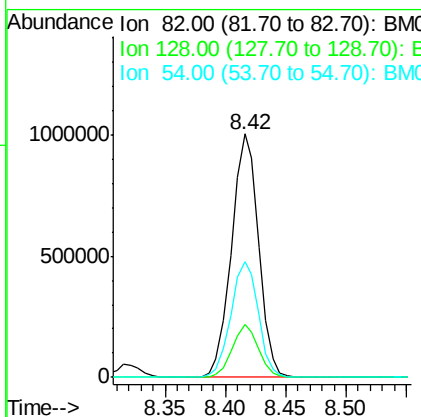
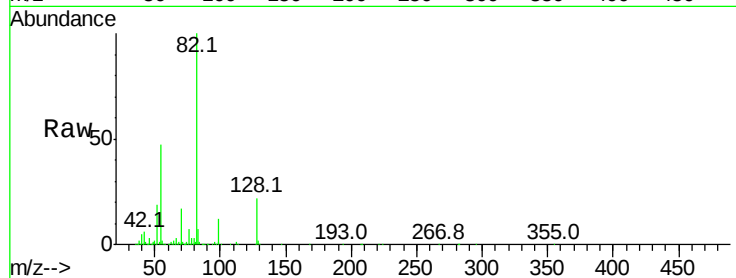
ClientSampleId :

HR-06-081817MS

Tot Ion:	82	Resp:	1571677
Ion	Ratio	Lower	Upper
82	100		
128	21.6	32.8	49.2#
54	47.3	40.6	60.8

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#24

Nitrobenzene

Concen: 48.893 ng

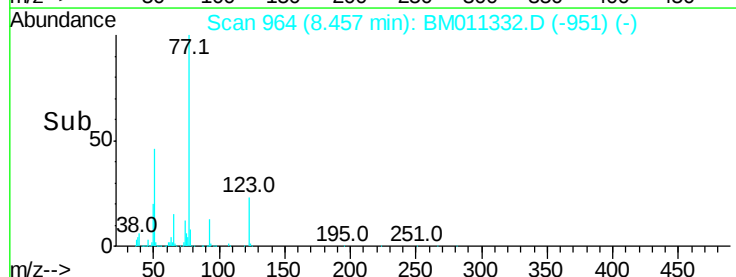
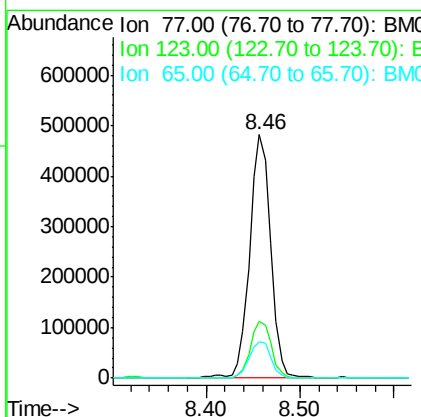
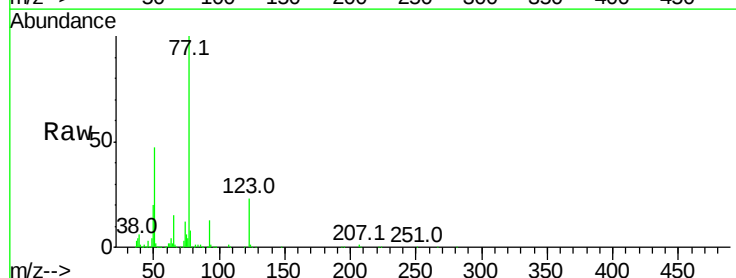
RT: 8.46 min Scan# 964

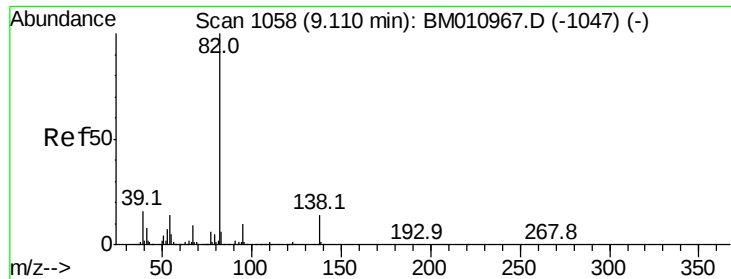
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:	77	Resp:	741802
Ion	Ratio	Lower	Upper
77	100		
123	23.3	32.6	49.0#
65	14.8	10.9	16.3





#25

Isophorone

Concen: 48.979 ng

RT: 8.98 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MS

Tot Ion: 82 Resp: 1195660

Ion Ratio Lower Upper

82 100

95 8.8 5.8 8.6#

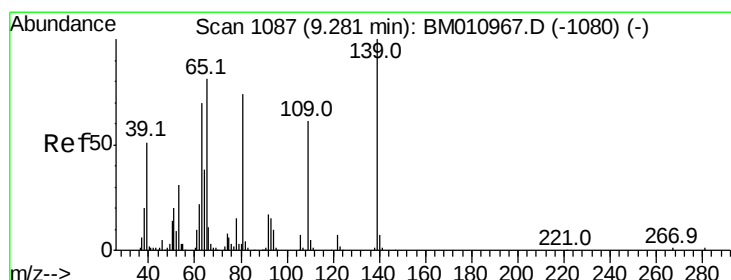
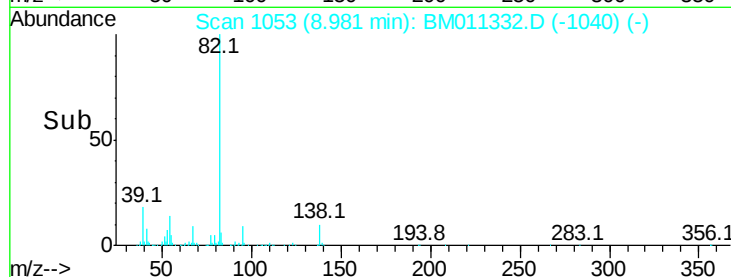
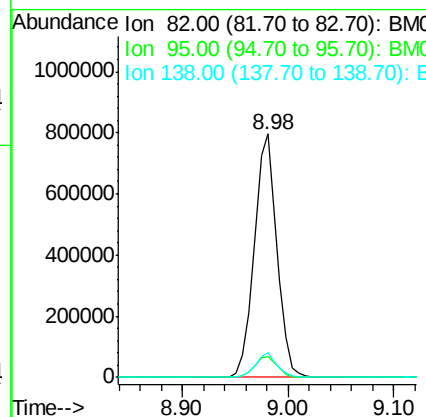
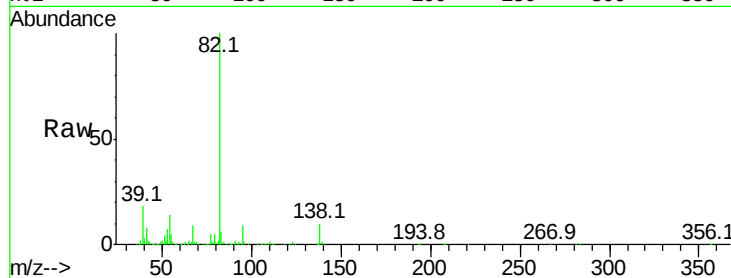
138 10.2 16.3 24.5#

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#26

2-Nitrophenol

Concen: 34.016 ng

RT: 9.16 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

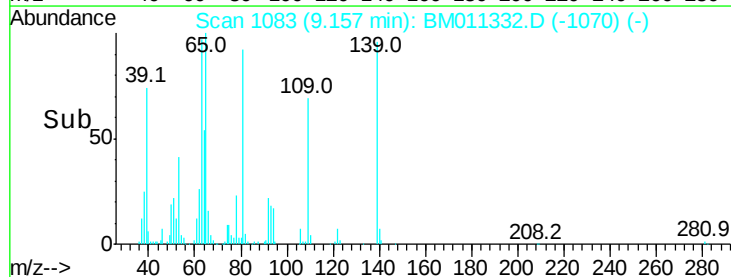
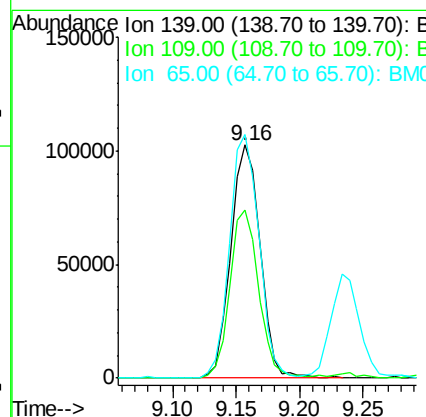
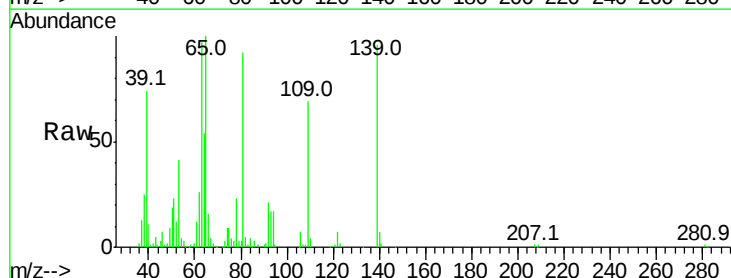
Tgt Ion: 139 Resp: 164213

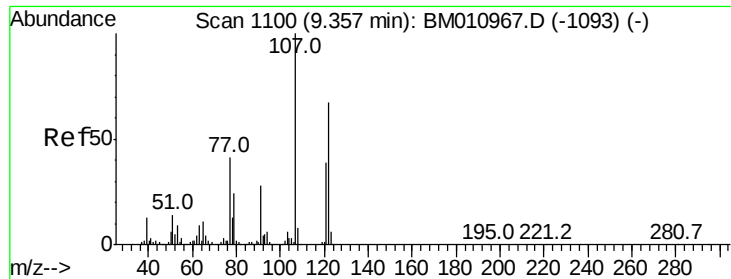
Ion Ratio Lower Upper

139 100

109 72.3 20.1 30.1#

65 104.5 31.5 47.3#





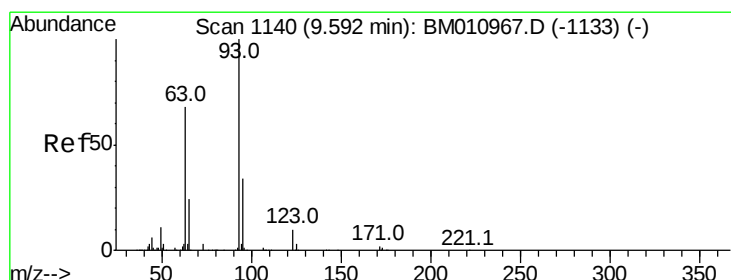
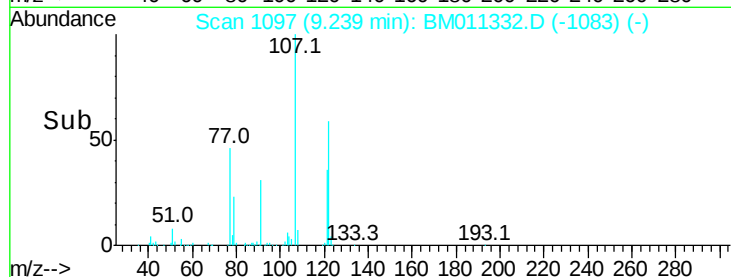
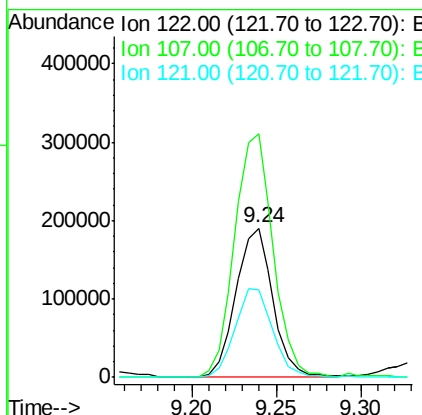
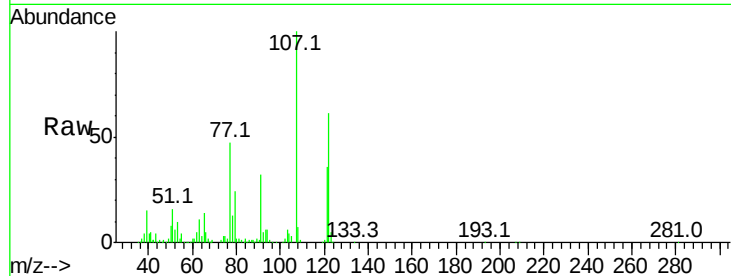
#27
2,4-Dimethylphenol
Concen: 34.144 ng
RT: 9.24 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	290160		
107	163.3	84.7	127.1#	
121	58.6	46.6	69.8	

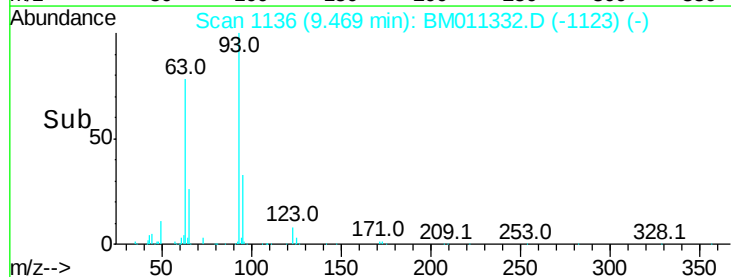
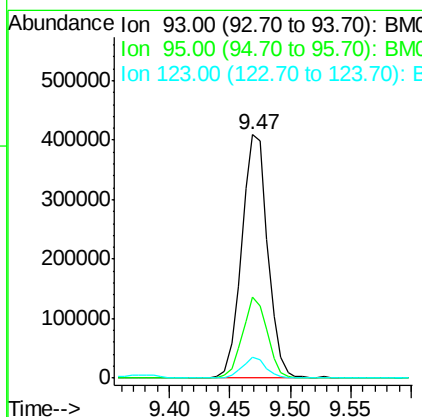
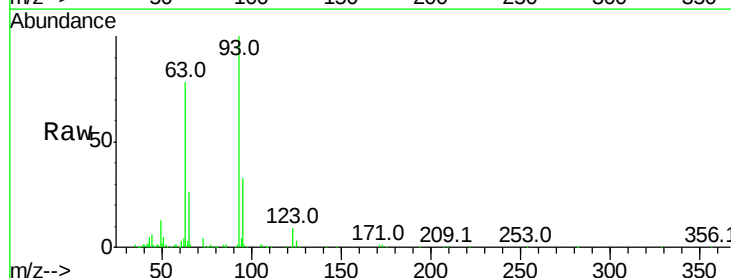
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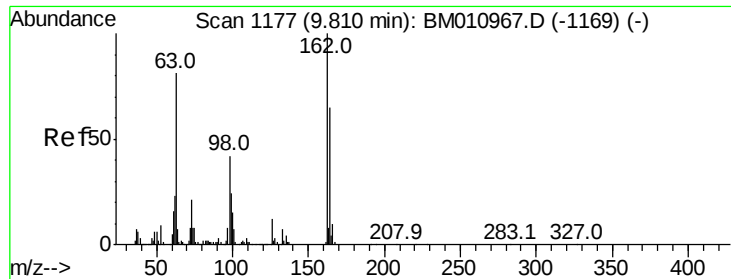
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 45.316 ng
RT: 9.47 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	616998		
95	33.2	25.5	38.3	
123	8.6	8.6	13.0#	





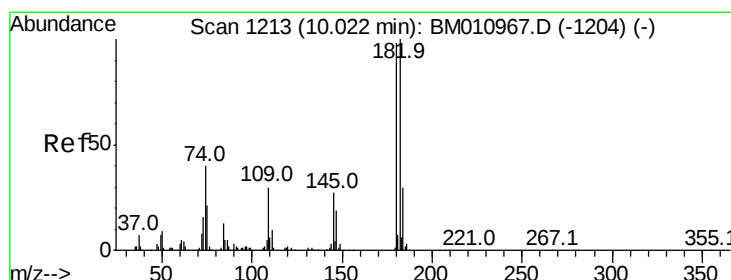
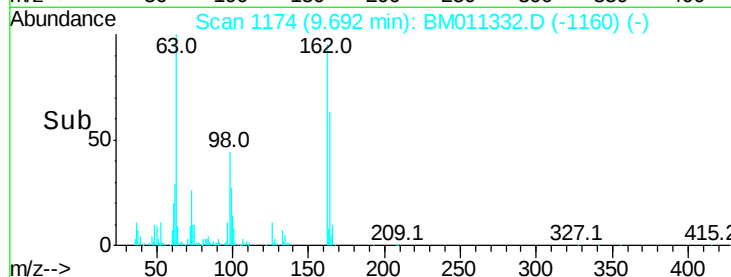
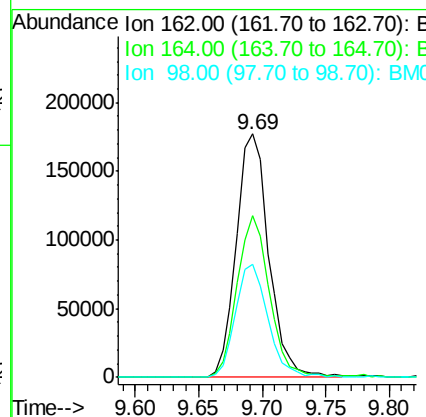
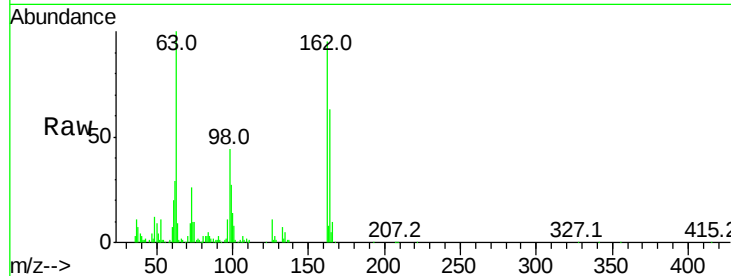
#29
 2,4-Dichlorophenol
 Concen: 33.004 ng
 RT: 9.69 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	315171		
164	66.2	42.8	82.8	
98	46.5	14.5	54.5	

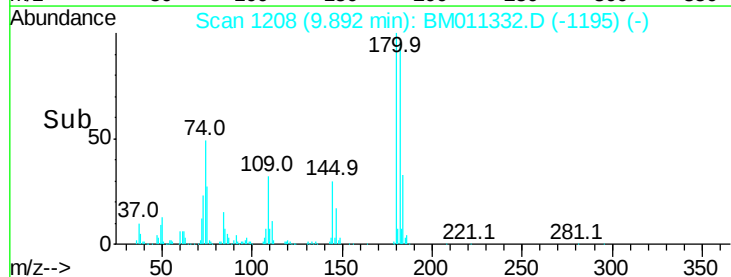
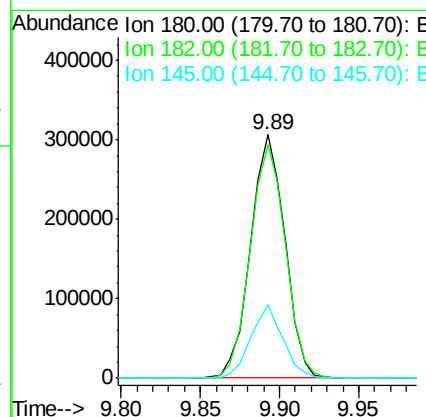
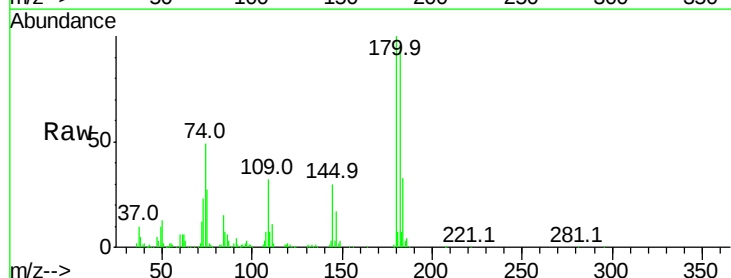
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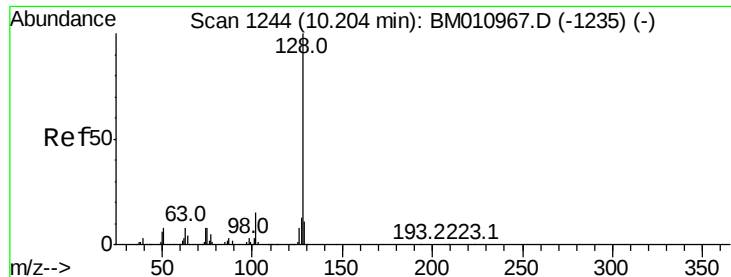
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.210 ng
 RT: 9.89 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	462974		
182	95.8	77.6	116.4	
145	30.1	23.4	35.2	





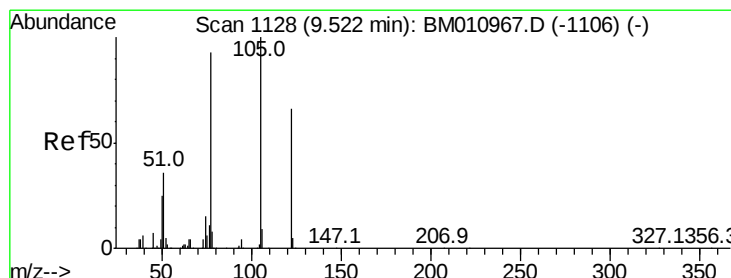
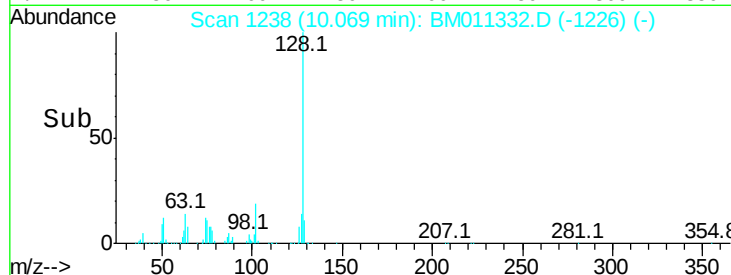
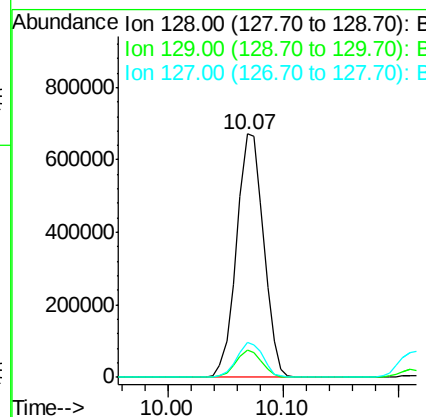
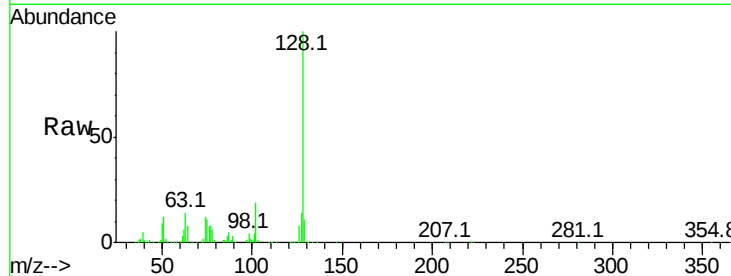
#31
Naphthalene
Concen: 39.577 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.03 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	14.3	10.4	15.6

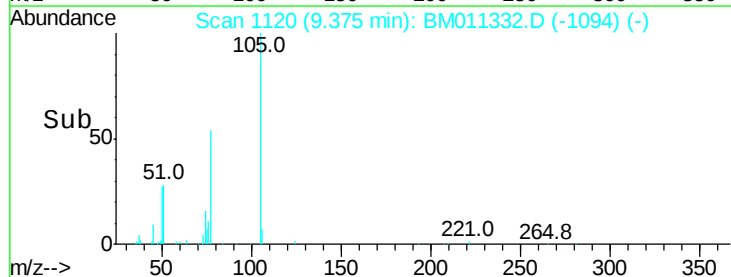
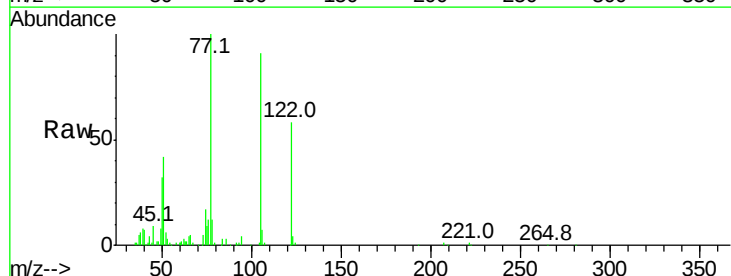
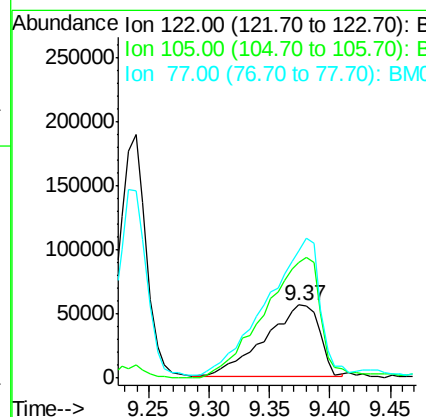
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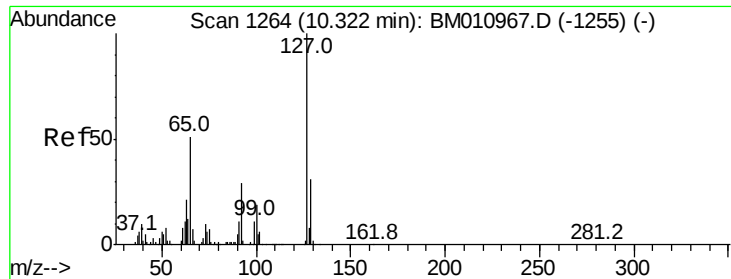
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#32
Benzoic acid
Concen: 25.422 ng
RT: 9.37 min Scan# 1120
Delta R.T. -0.05 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	158.0	99.9	139.9#
77	173.4	73.7	113.7#





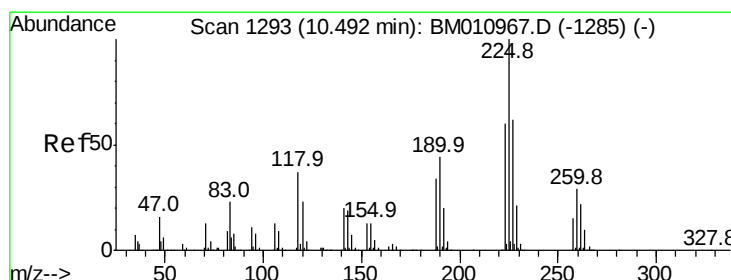
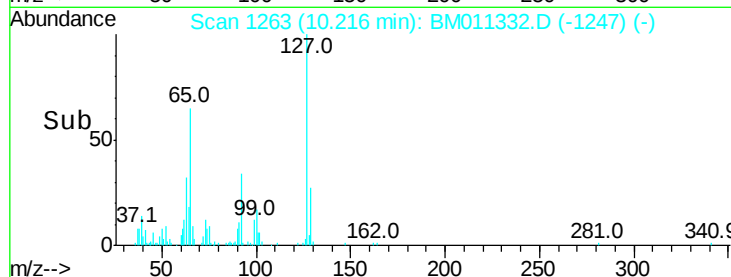
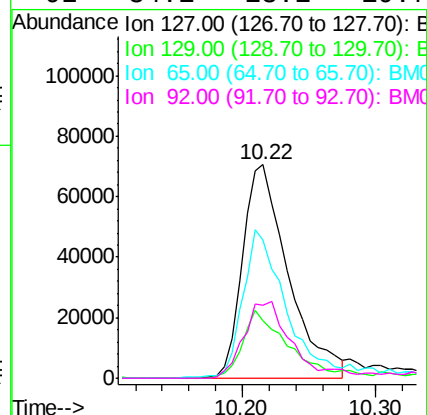
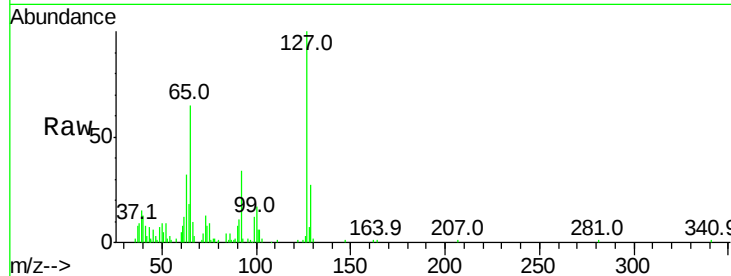
#33
4-Chloroaniline
Concen: 15.205 ng
RT: 10.22 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	27.0	25.3	37.9	
65	64.7	17.6	26.4	
92	34.1	13.1	19.7	

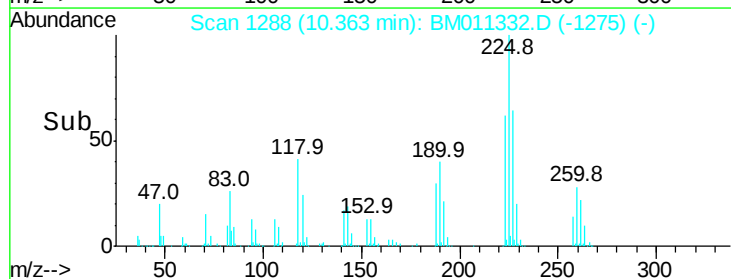
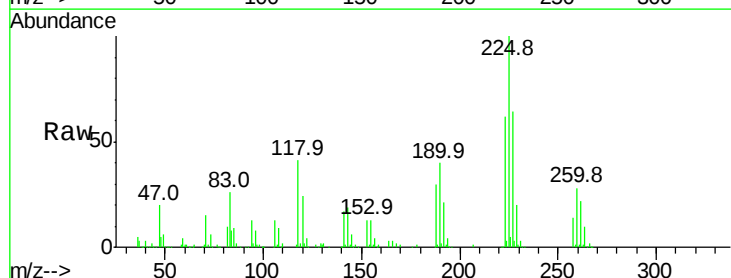
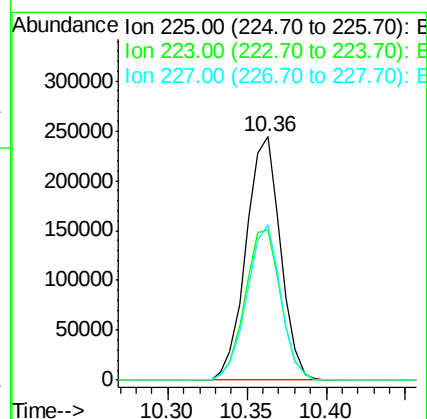
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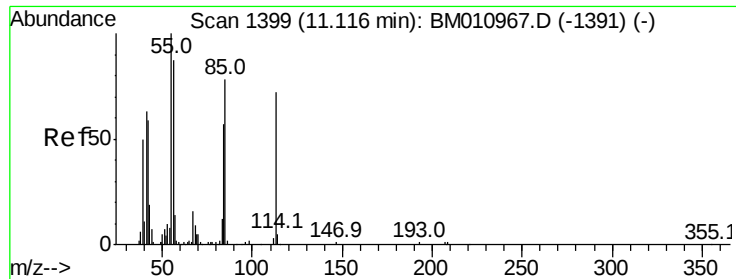
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#34
Hexachlorobutadiene
Concen: 39.471 ng
RT: 10.36 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	47.9	71.9	
227	63.8	50.1	75.1	





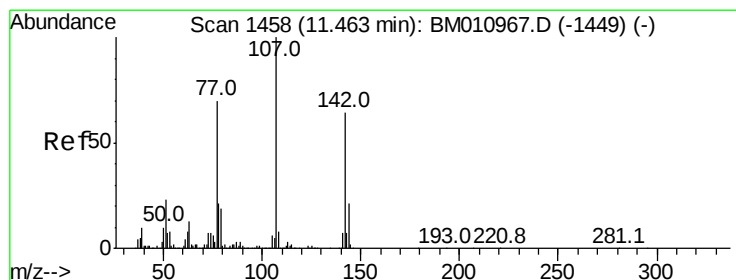
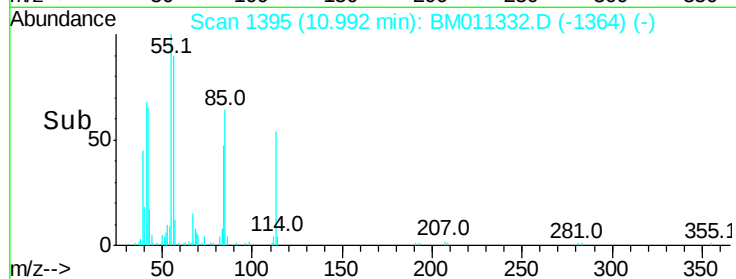
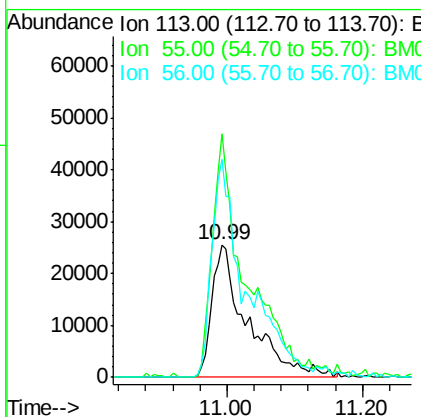
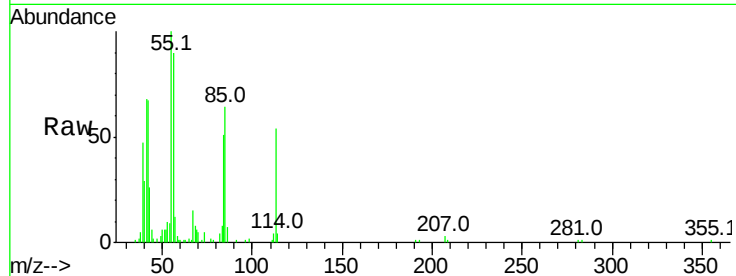
#35
 Caprolactam
 Concen: 34.254 ng/ml
 RT: 10.99 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.6	145.9	185.9
56	164.7	101.0	141.0

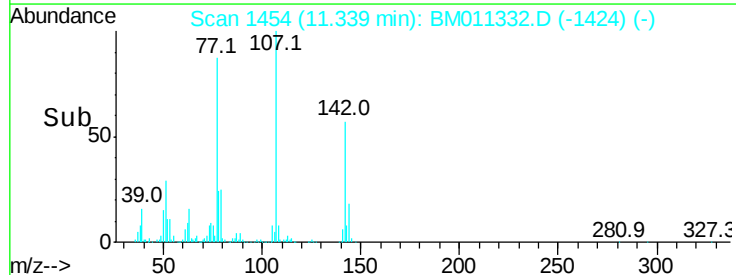
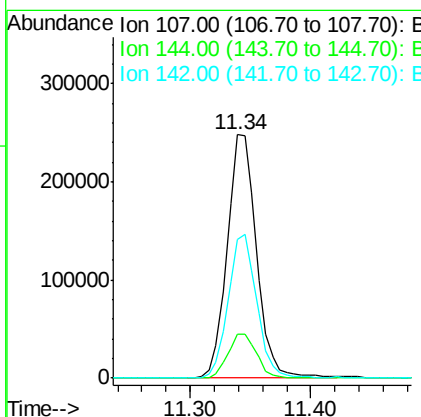
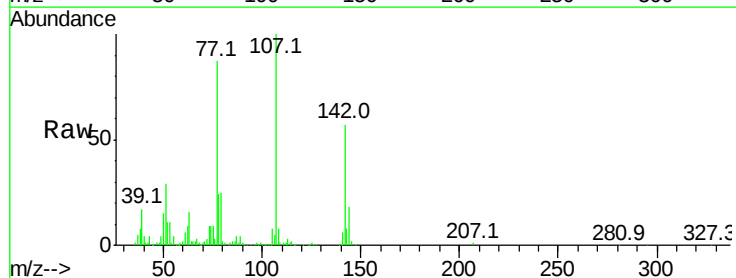
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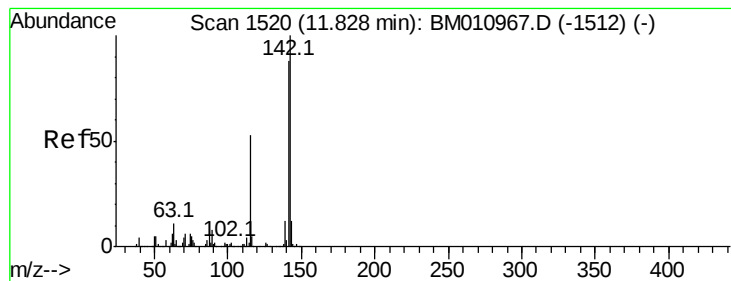
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#36
 4-Chloro-3-methylphenol
 Concen: 34.088 ng/ml
 RT: 11.34 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	18.0	23.3	34.9
142	56.8	72.6	109.0





#37

2-Methylnaphthalene

Concen: 42.178 ng

RT: 11.70 min Scan# 1515

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

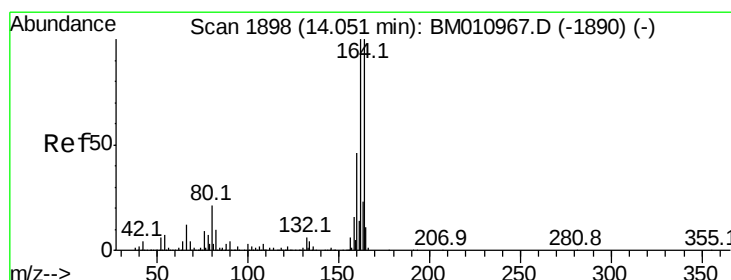
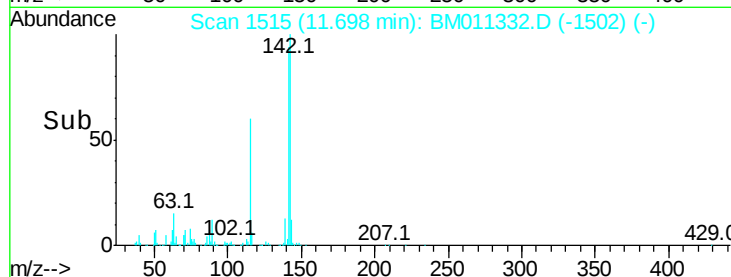
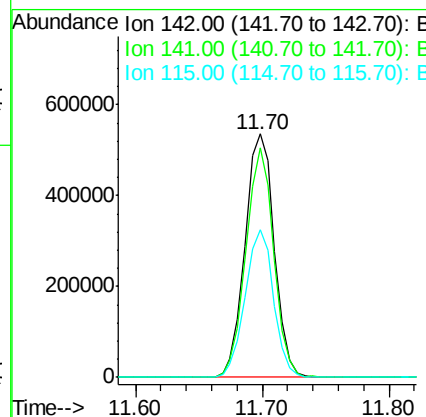
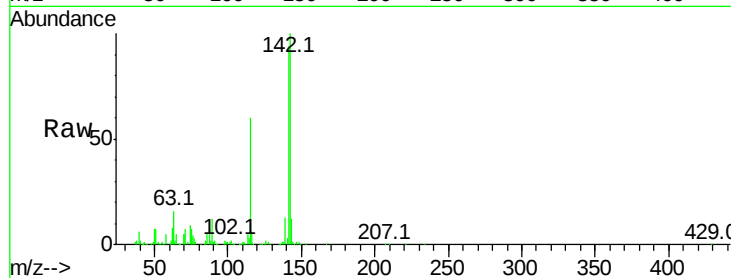
ClientSampleId :

HR-06-081817MS

Tot Ion:	142	Resp:	856542
Ion Ratio	Lower	Upper	
142	100		
141	94.2	71.9	107.9
115	60.4	25.4	38.0#

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#38

Acenaphthene-d10

Concen: 20.000 ng

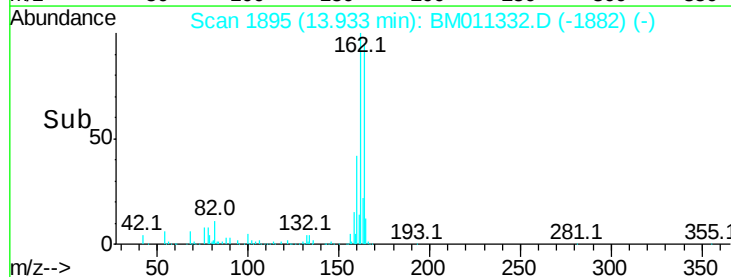
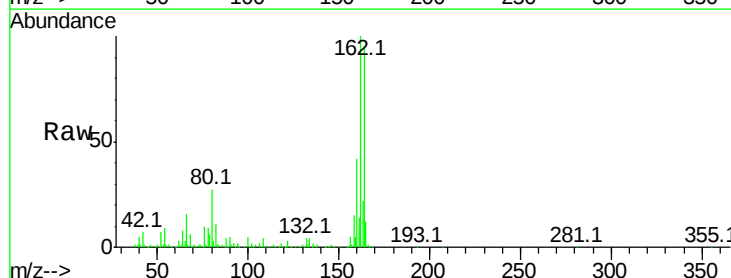
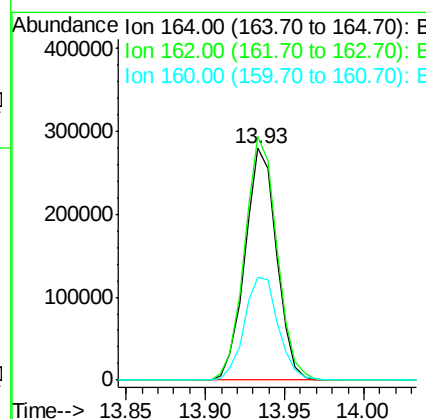
RT: 13.93 min Scan# 1895

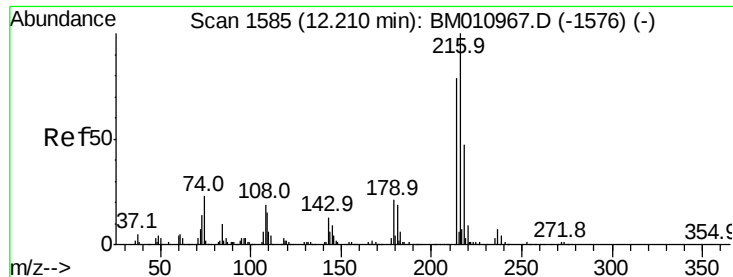
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:	164	Resp:	385398
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.4	123.6
160	44.6	35.8	53.6





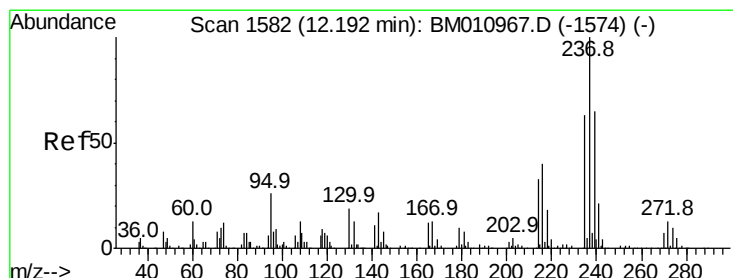
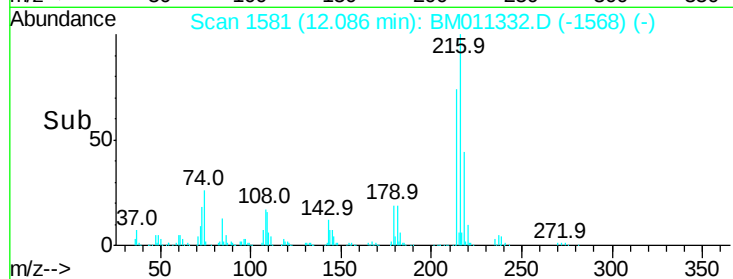
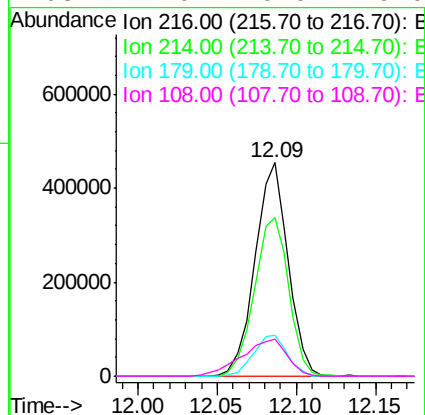
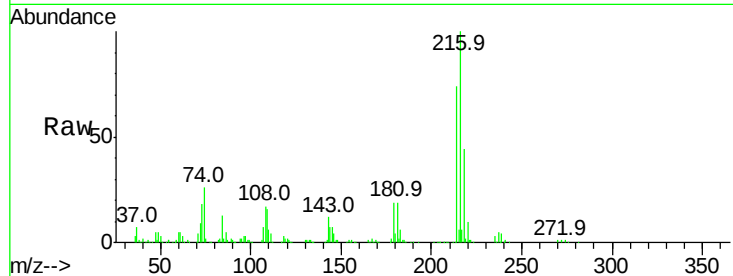
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.822 ng
 RT: 12.09 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	659371		
214	77.1	0.0	0.0	0.0
179	19.7	0.0	0.0	0.0
108	24.0	0.0	0.0	0.0

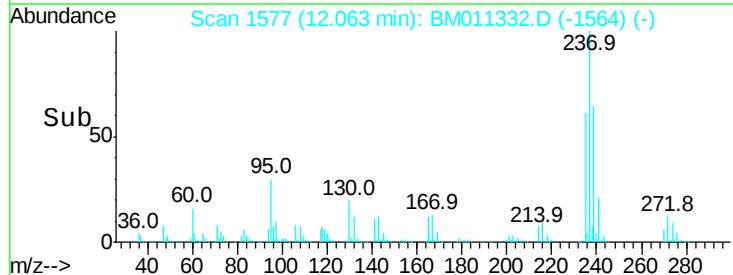
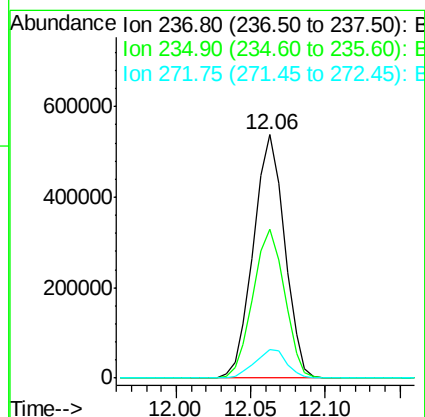
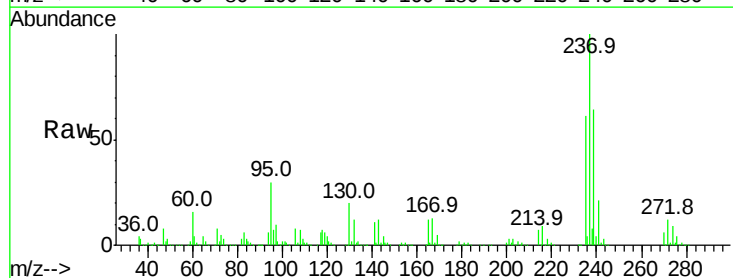
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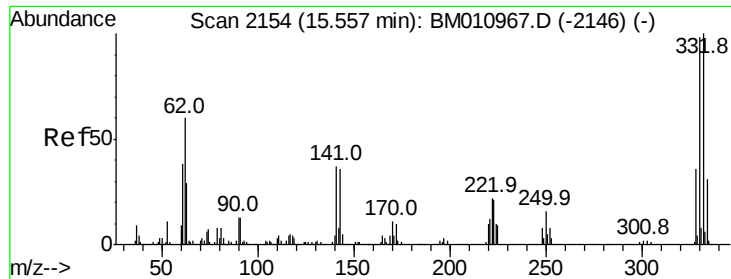
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#40
 Hexachlorocyclopentadiene
 Concen: 80.568 ng
 RT: 12.06 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	777336		
235	61.0	42.0	82.0	
272	11.8	0.0	33.4	





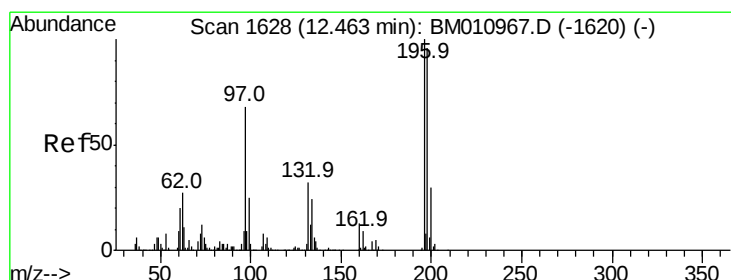
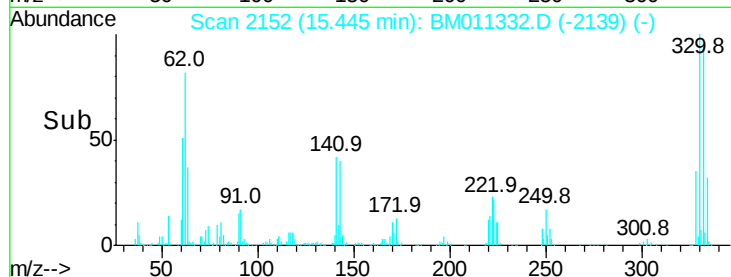
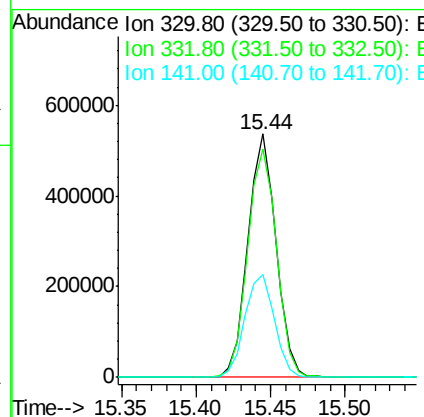
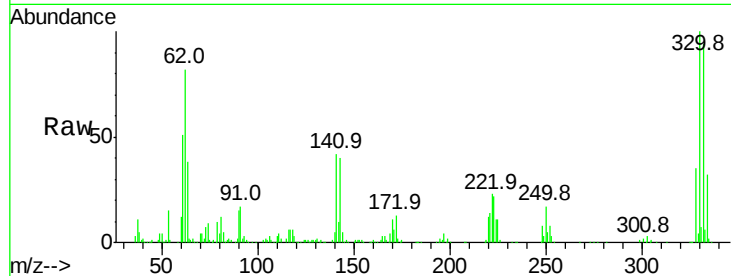
#41
 2,4,6-Tribromophenol
 Concen: 113.564 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	44.4	0.0	0.0#

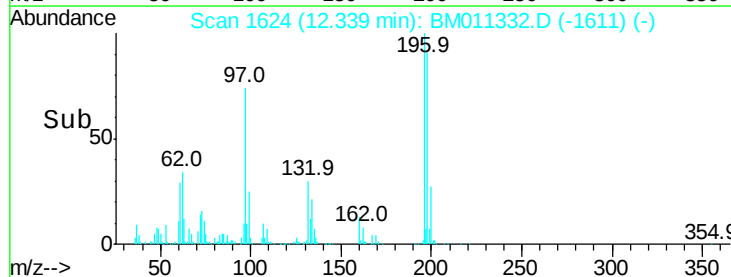
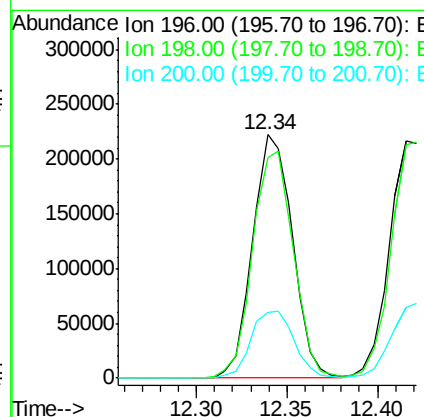
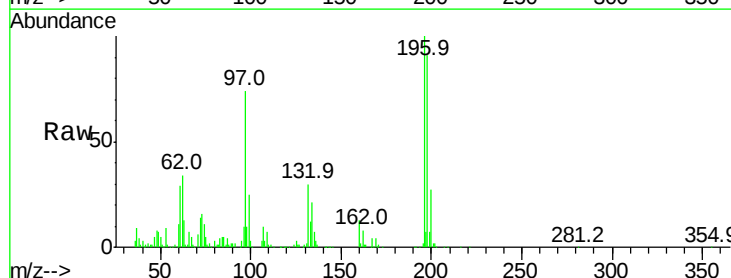
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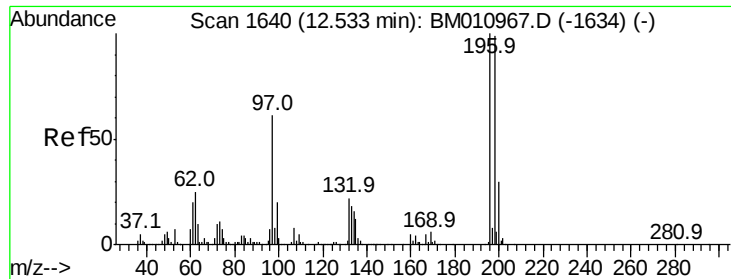
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 8/23/2017 7:21:29 PM



#42
 2,4,6-Trichlorophenol
 Concen: 33.984 ng
 RT: 12.34 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	90.6	76.3	114.5
200	27.1	25.6	38.4





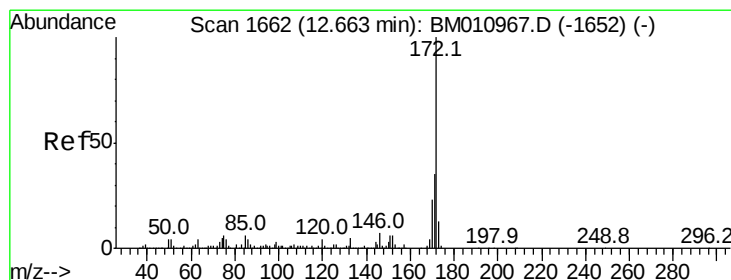
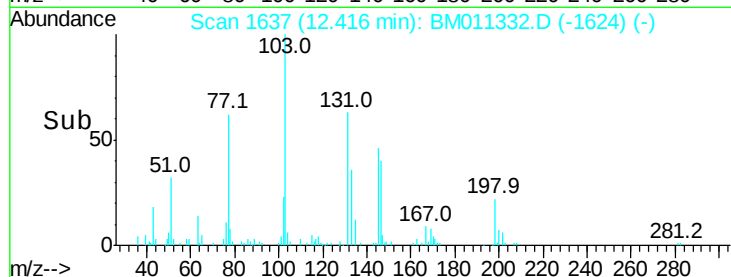
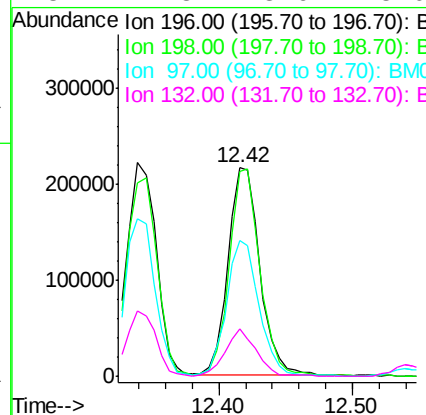
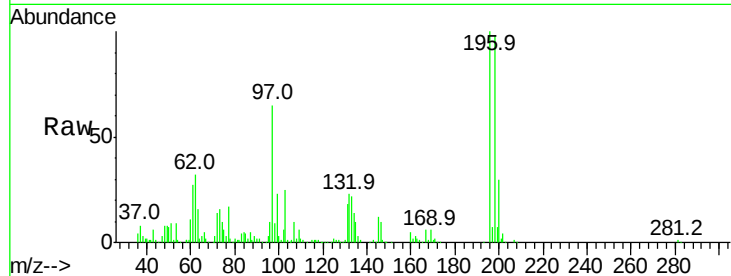
#43
 2,4,5-Trichlorophenol
 Concen: 34.710 ng
 RT: 12.42 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MS

Tot Ion	196	Resp	358282
Ion Ratio	Lower	Upper	
196	100		
198	98.3	79.4	119.0
97	65.1	26.8	40.2#
132	22.8	18.6	28.0

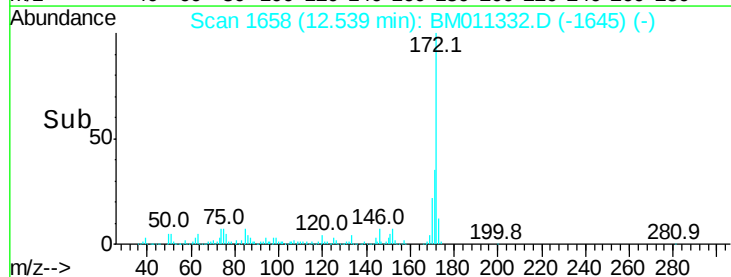
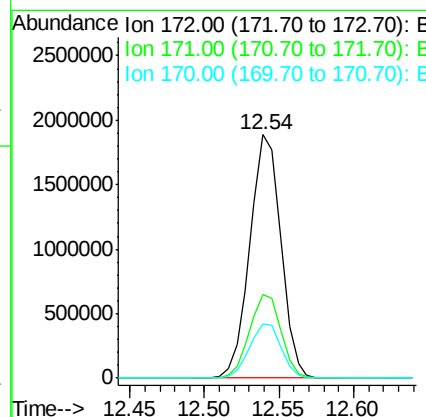
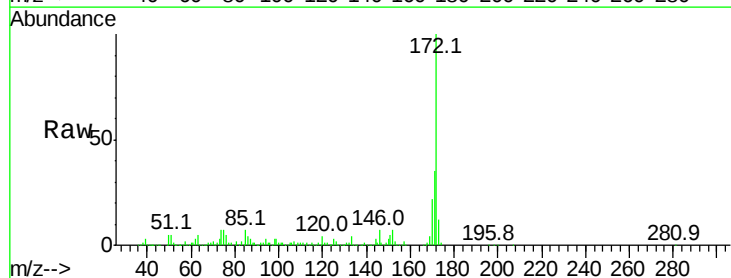
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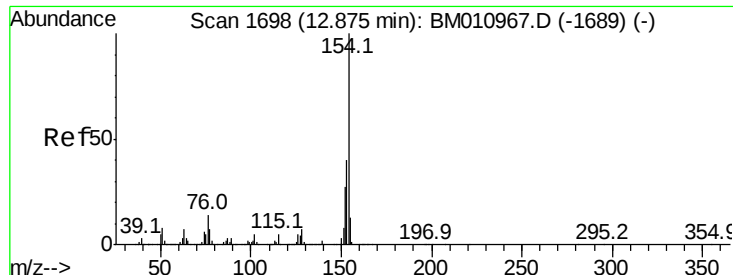
Sohil
 8/23/2017 7:21:29 PM



#44
 2-Fluorobiphenyl
 Concen: 87.977 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Tgt Ion	172	Resp	2703556
Ion Ratio	Lower	Upper	
172	100		
171	34.6	28.5	42.7
170	22.2	18.8	28.2





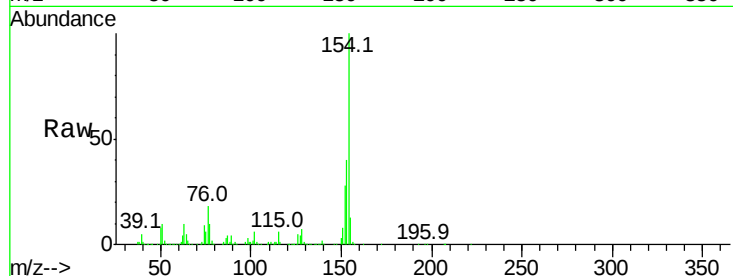
#45
 1,1'-Biphenyl
 Concen: 36.296 ng
 RT: 12.75 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MS

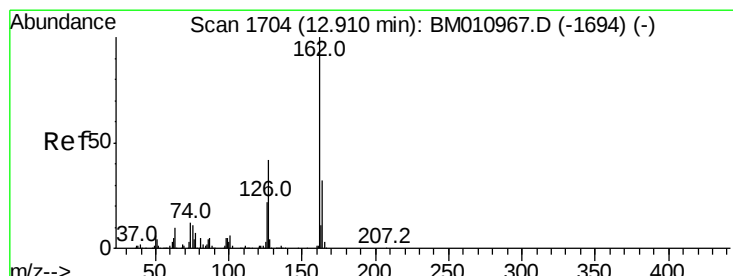
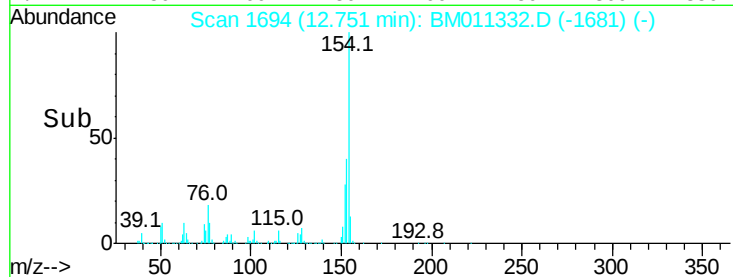
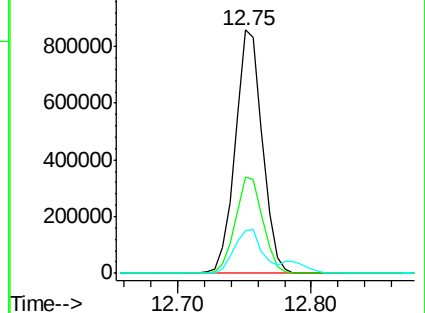
Tot Ion	154	Resp	1209556
Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.7	60.7
76	17.5	0.0	30.9

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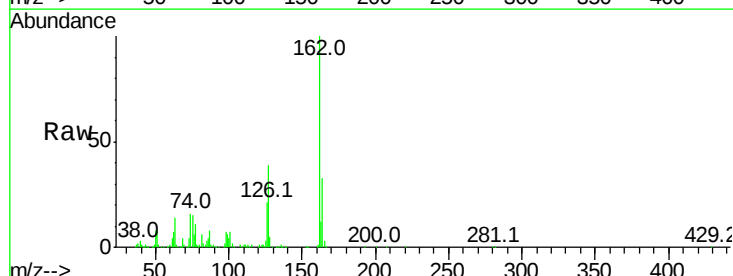


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

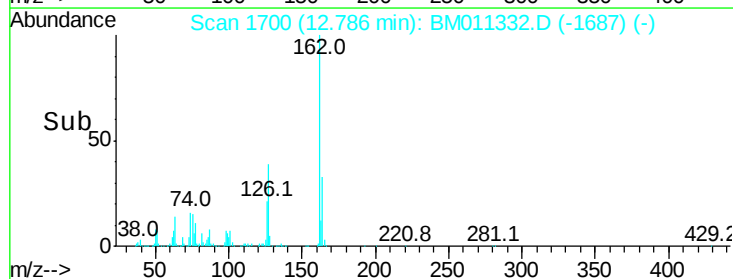
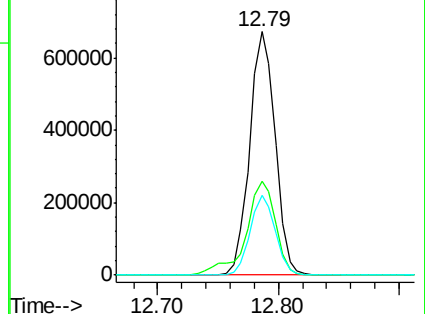


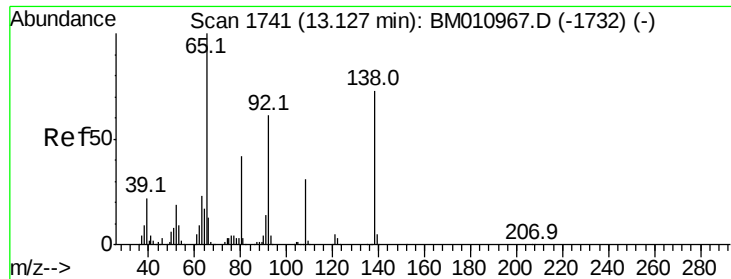
#46
 2-Chloronaphthalene
 Concen: 40.427 ng
 RT: 12.79 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Tgt Ion	162	Resp	992616
Ion	Ratio	Lower	Upper
162	100		
127	38.6	26.9	40.3
164	32.7	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





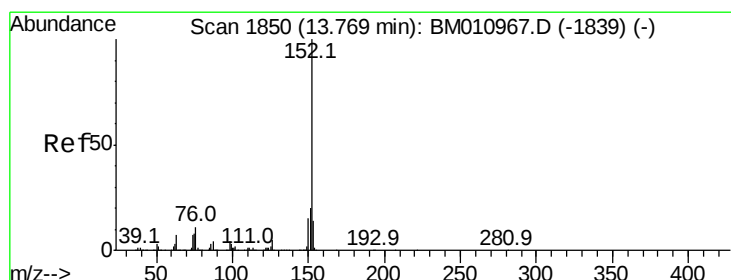
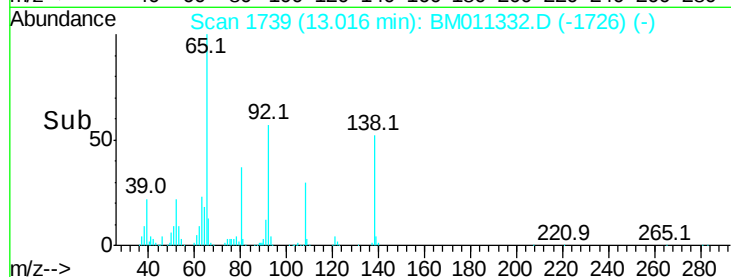
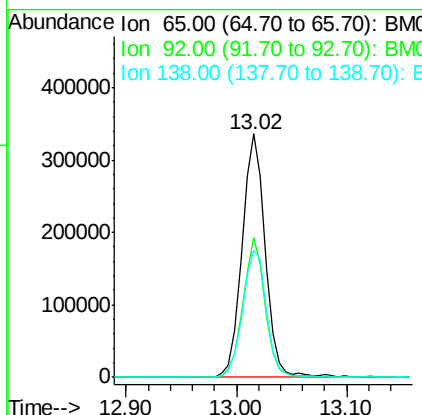
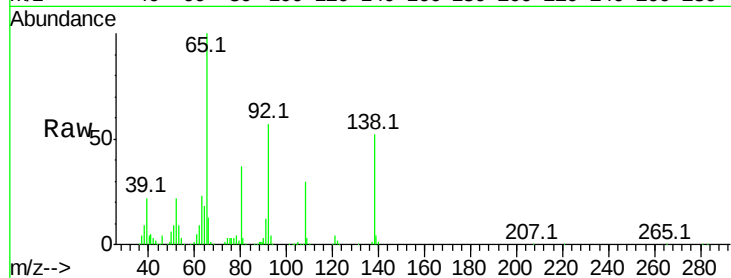
#47
2-Nitroaniline
Concen: 57.071 ng
RT: 13.02 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.3	59.1	88.7#
138	52.3	93.9	140.9#

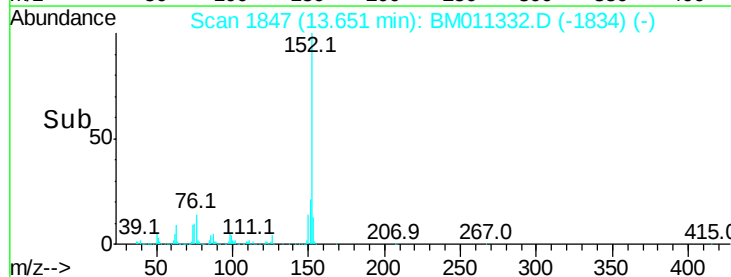
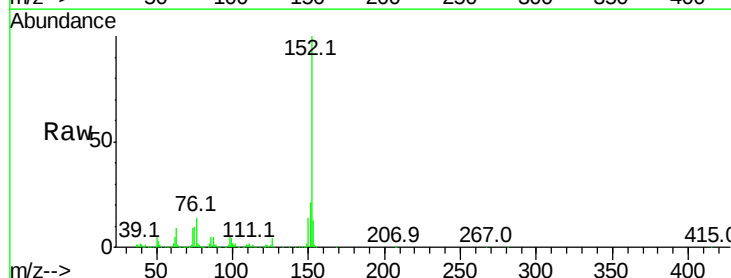
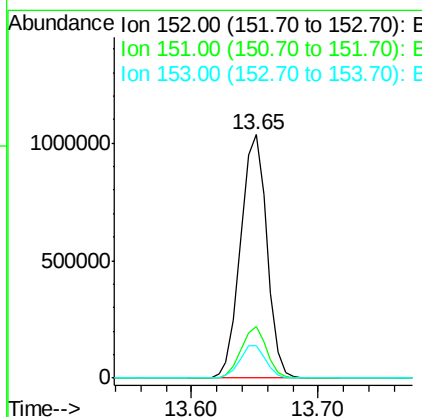
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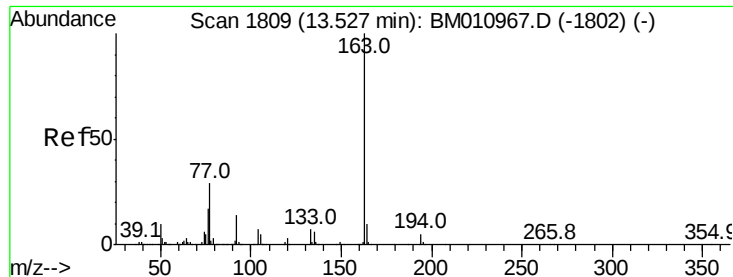
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#48
Acenaphthylene
Concen: 40.567 ng
RT: 13.65 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.9	23.9
153	13.3	10.6	16.0





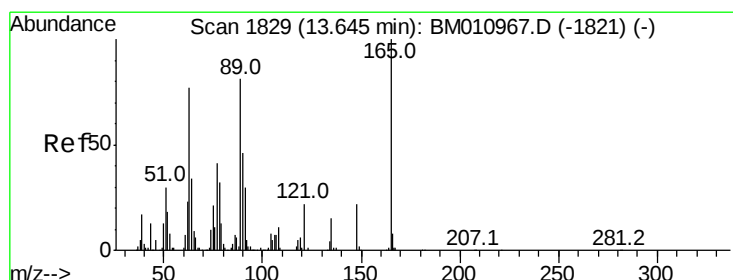
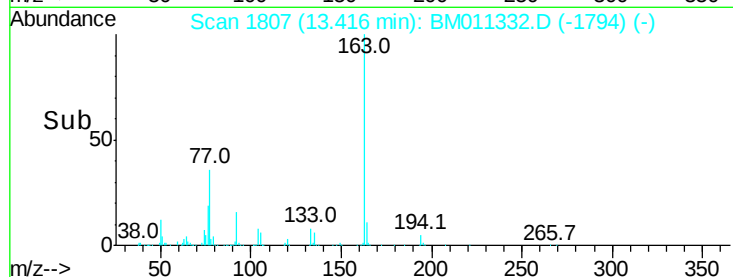
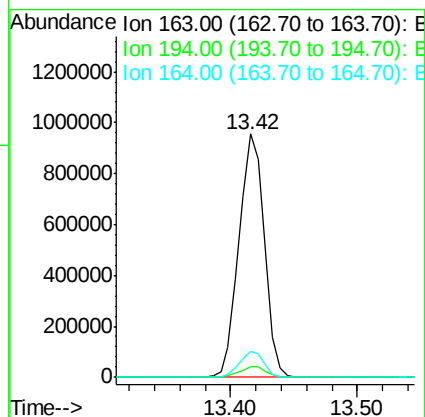
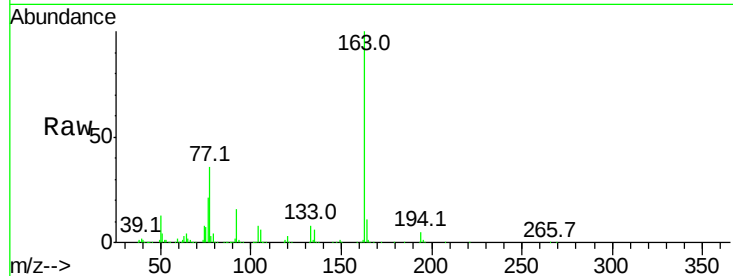
#49
Dimethylphthalate
Concen: 39.906 ng
RT: 13.42 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.6	8.2	12.2

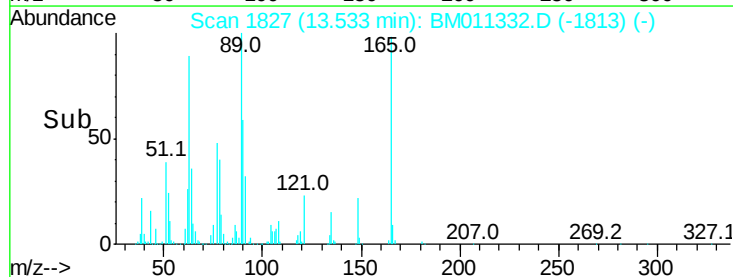
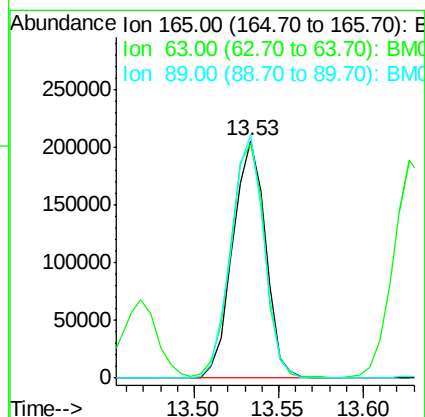
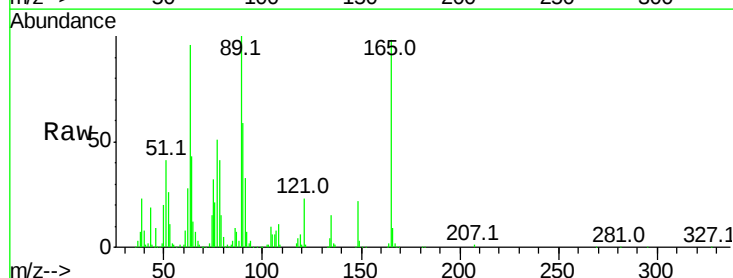
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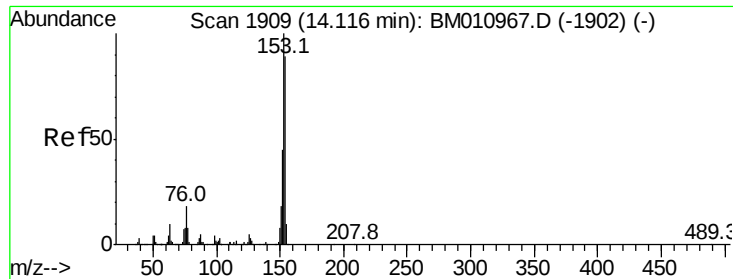
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#50
2,6-Dinitrotoluene
Concen: 41.850 ng
RT: 13.53 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	98.7	44.1	66.1#
89	102.5	44.3	66.5#





#51

Acenaphthene

Concen: 41.281 ng

RT: 14.00 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

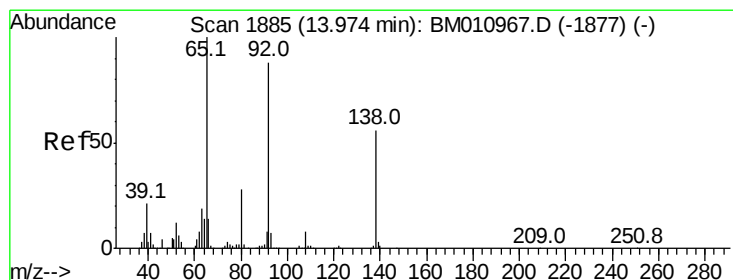
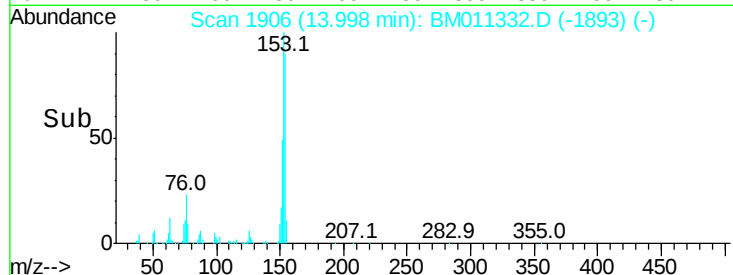
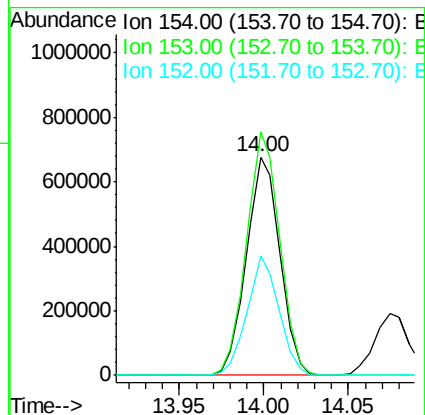
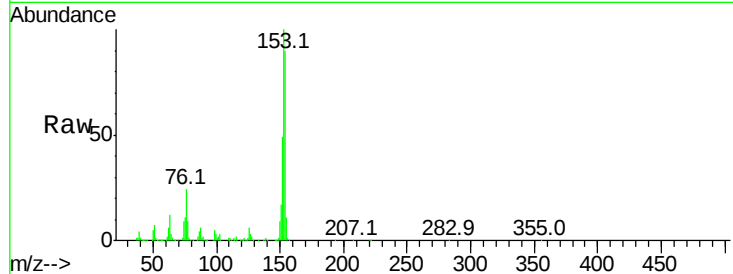
ClientSampleId :

HR-06-081817MS

Tot Ion:	154	Resp:	936604
Ion Ratio	Lower	Upper	
154	100		
153	111.4	90.0	135.0
152	54.7	42.6	63.8

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#52

3-Nitroaniline

Concen: 37.179 ng

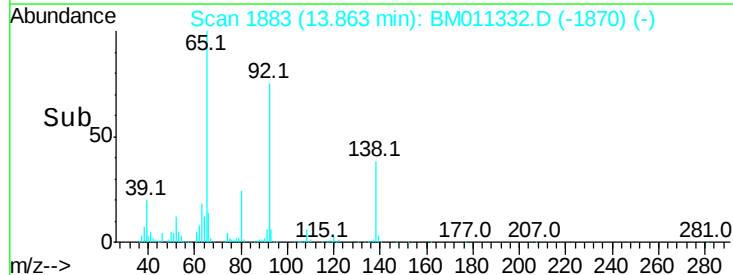
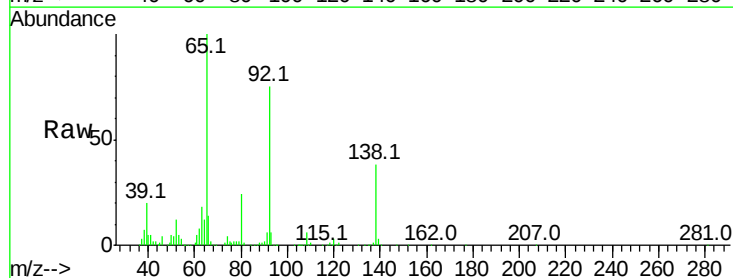
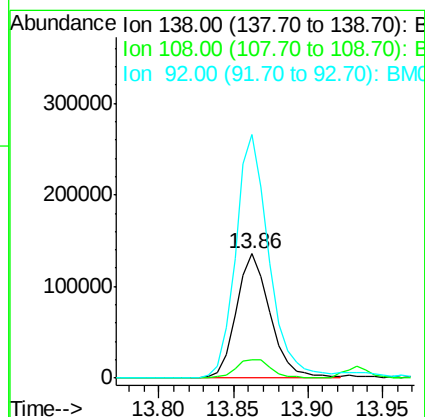
RT: 13.86 min Scan# 1883

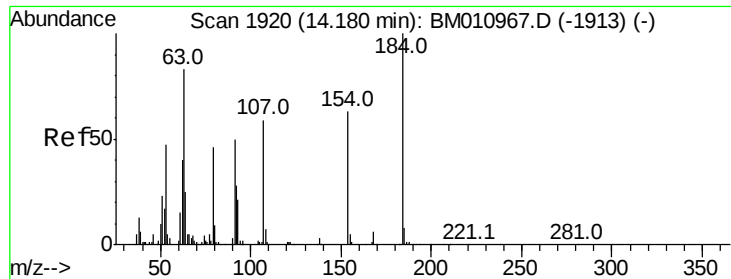
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:	138	Resp:	215094
Ion Ratio	Lower	Upper	
138	100		
108	14.9	7.3	10.9#
92	196.4	76.6	114.8#





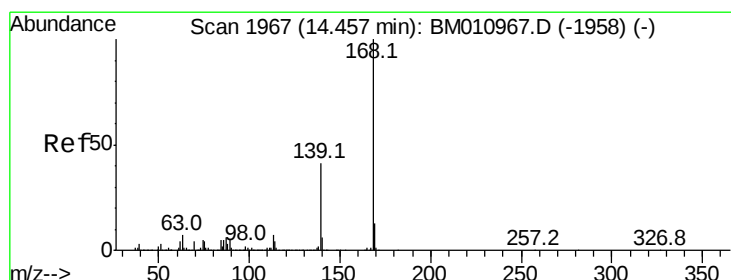
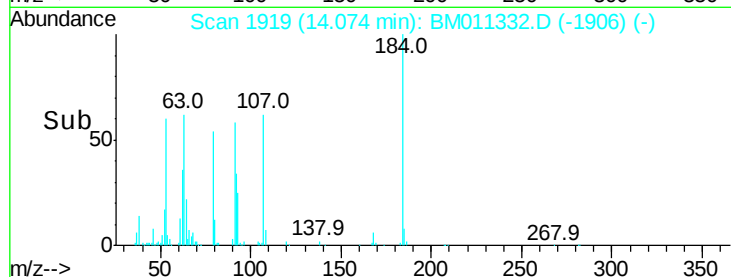
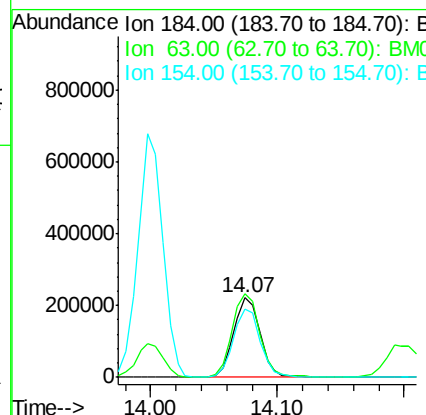
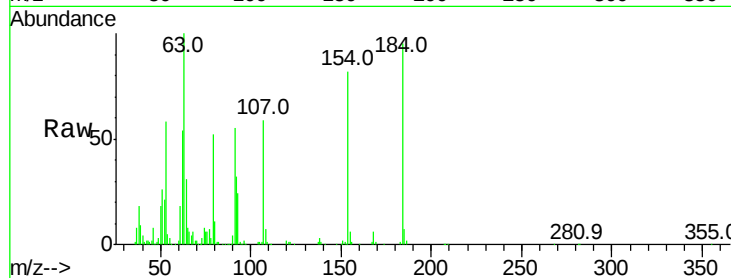
#53
2,4-Dinitrophenol
Concen: 67.843 ng
RT: 14.07 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	104.8	69.2	103.8#
154	86.3	53.3	79.9#

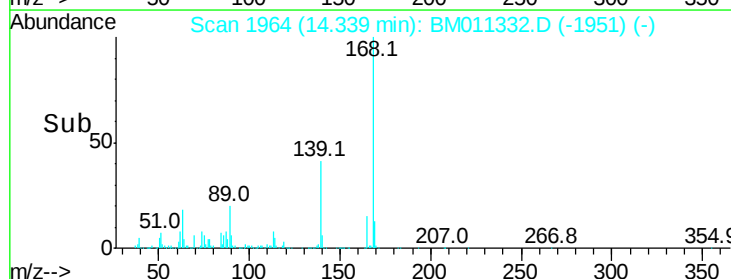
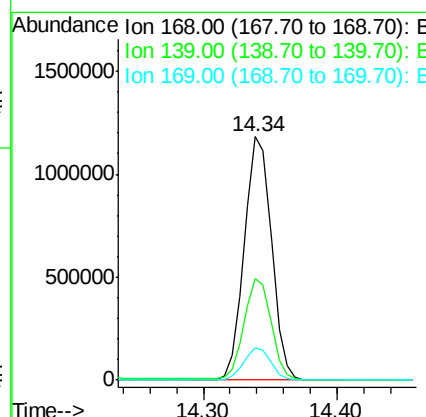
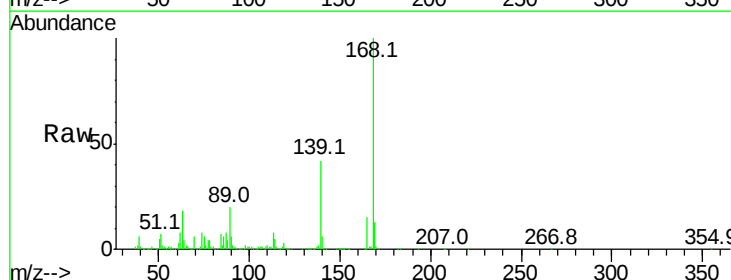
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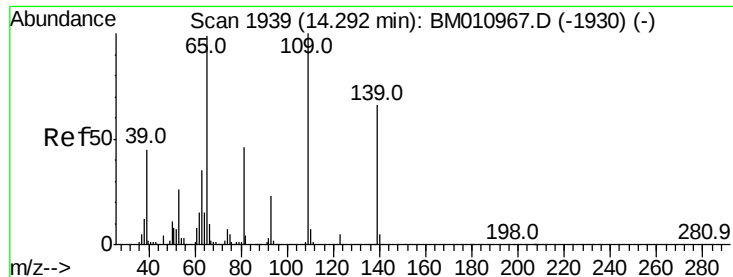
Sohil
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#54
Dibenzofuran
Concen: 45.240 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.9	27.3	40.9#
169	13.4	10.6	16.0





#55

4-Nitrophenol

Concen: 57.863 ng

RT: 14.20 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

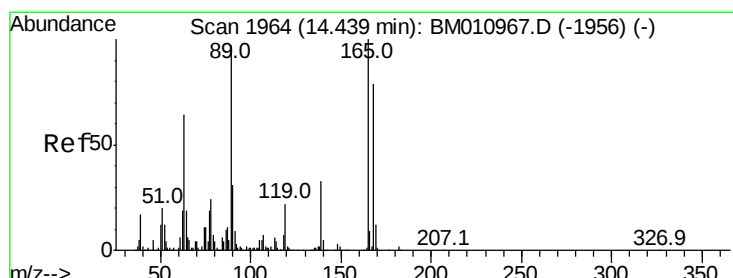
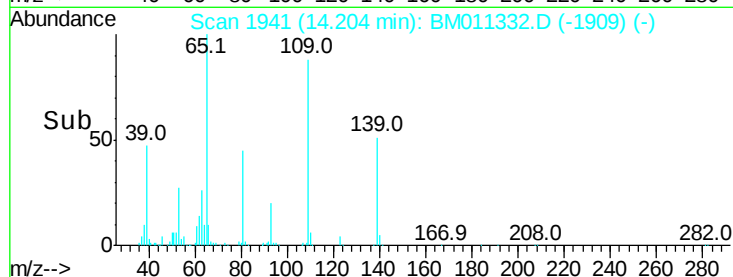
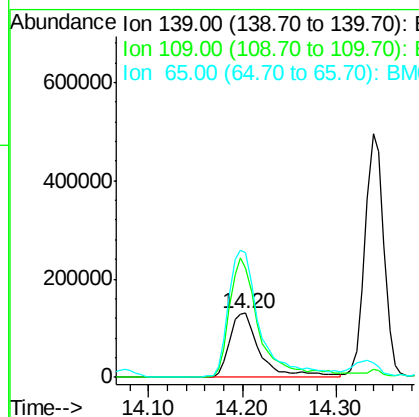
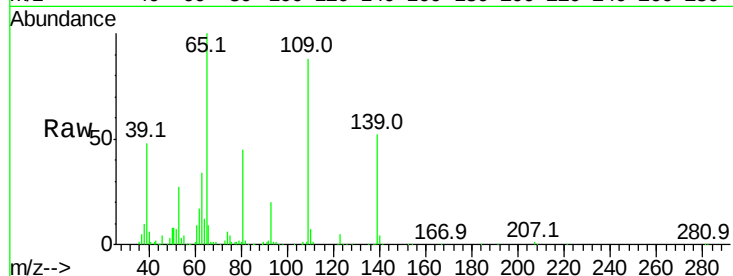
ClientSampleId :

HR-06-081817MS

Tot Ion:	139	Resp:	294114
Ion Ratio	Lower	Upper	
139	100		
109	170.3	130.0	170.0#
65	194.2	130.0	170.0#

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#56

2,4-Dinitrotoluene

Concen: 45.140 ng

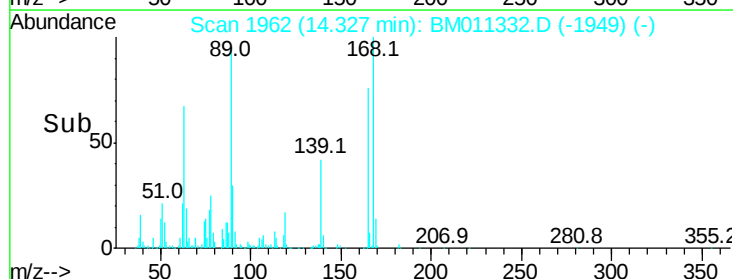
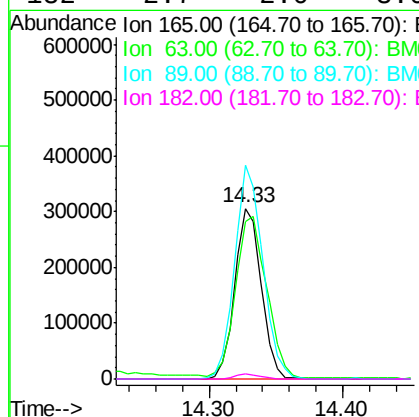
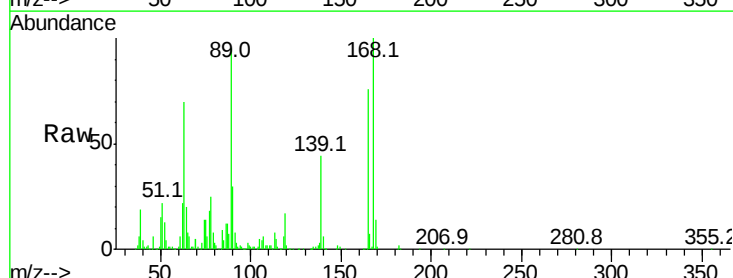
RT: 14.33 min Scan# 1962

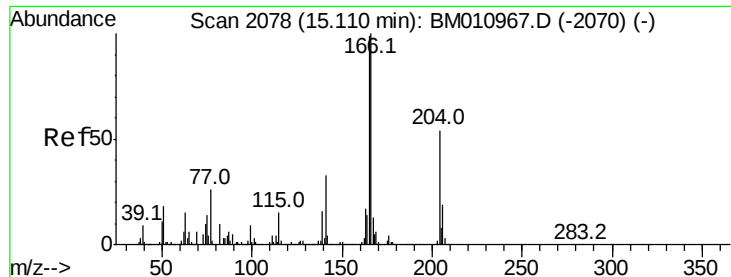
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:	165	Resp:	422491
Ion Ratio	Lower	Upper	
165	100		
63	92.3	52.4	78.6#
89	125.4	72.4	108.6#
182	2.7	2.0	3.0





#57

Fluorene

Concen: 41.876 ng

RT: 15.00 min Scan# 2076

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MS

Tot Ion:166 Resp: 1340351

Ion Ratio Lower Upper

166 100

165 97.4 79.0 118.4

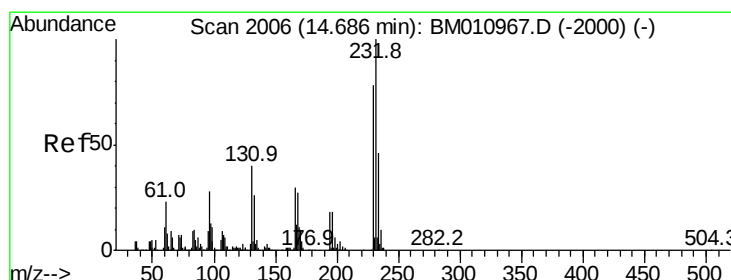
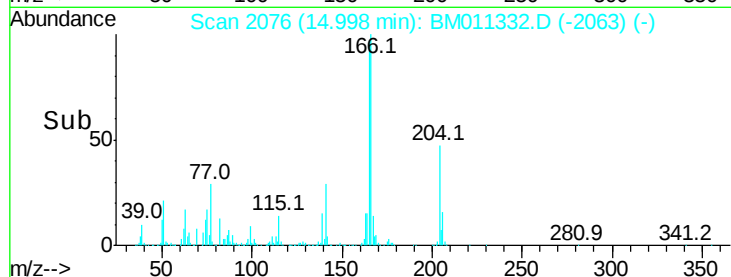
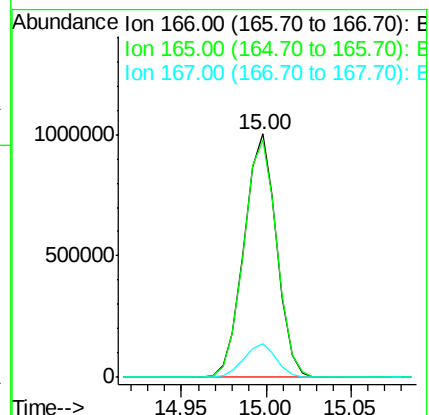
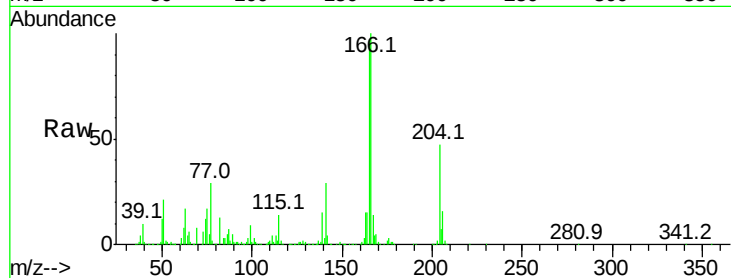
167 14.0 10.3 15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.116 ng

RT: 14.58 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:232 Resp: 397800

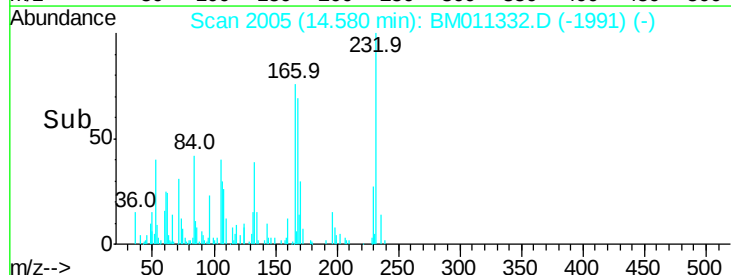
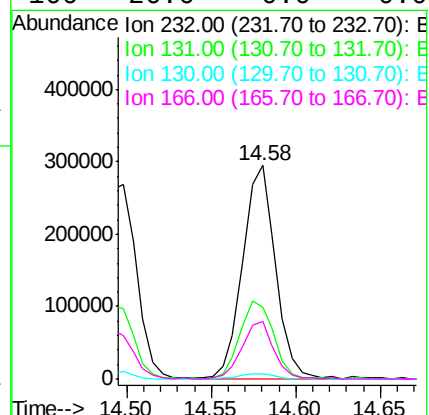
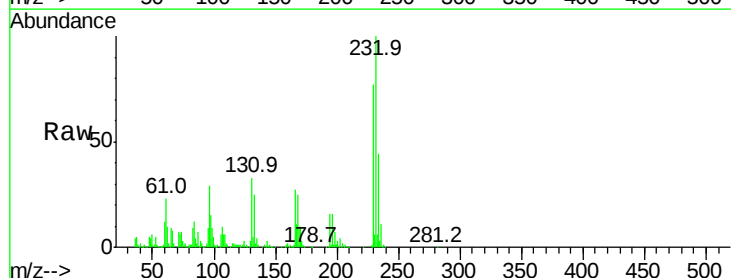
Ion Ratio Lower Upper

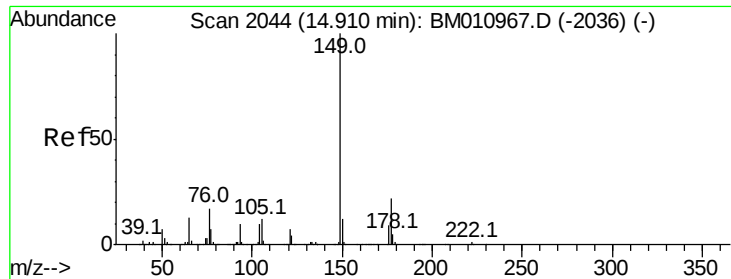
232 100

131 38.1 0.0 0.0#

130 3.0 0.0 0.0#

166 26.6 0.0 0.0#





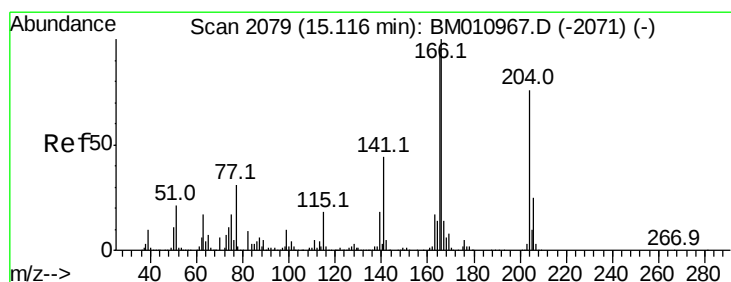
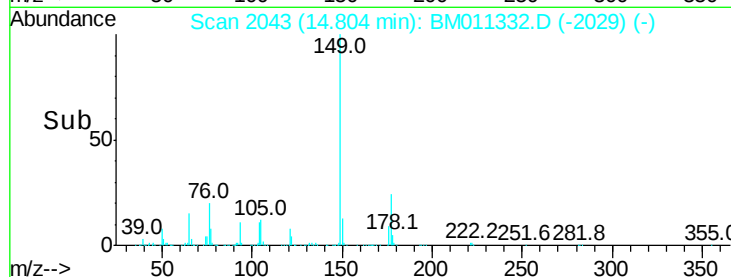
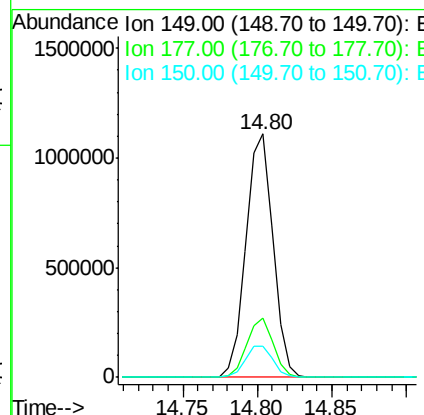
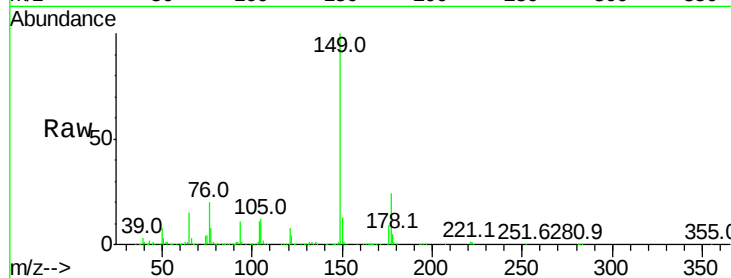
#59
Diethylphthalate
Concen: 41.274 ng
RT: 14.80 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	12.6	9.8	14.8

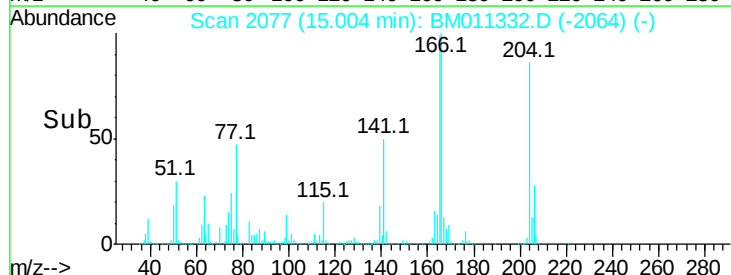
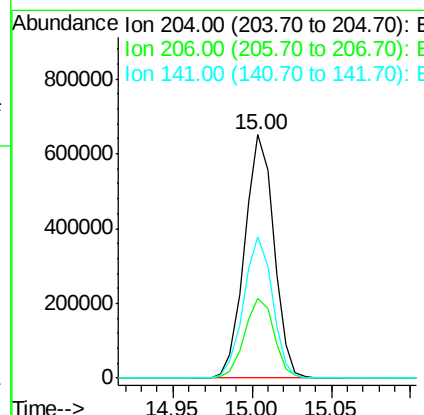
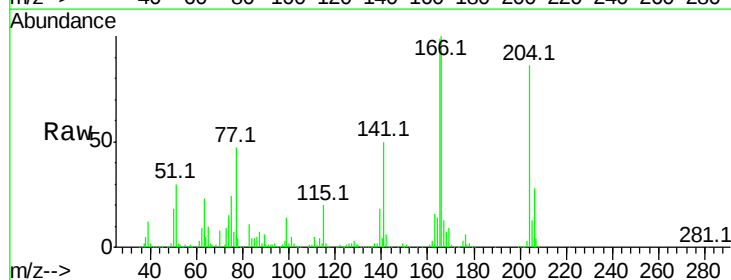
Manual Integrations
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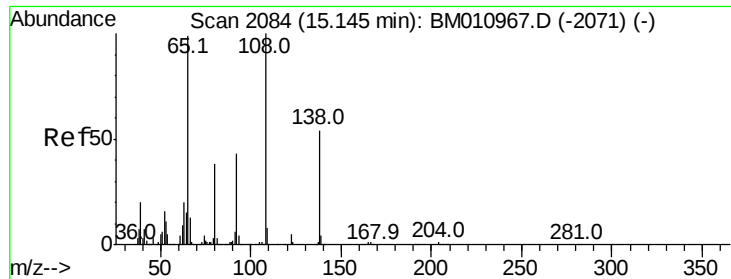
Sohil
8/23/2017 7:21:29 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.087 ng
RT: 15.00 min Scan# 2077
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	58.2	45.2	67.8





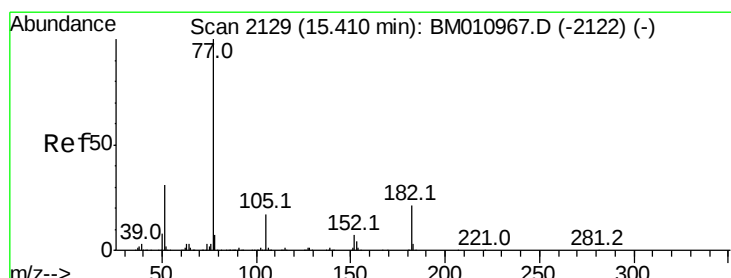
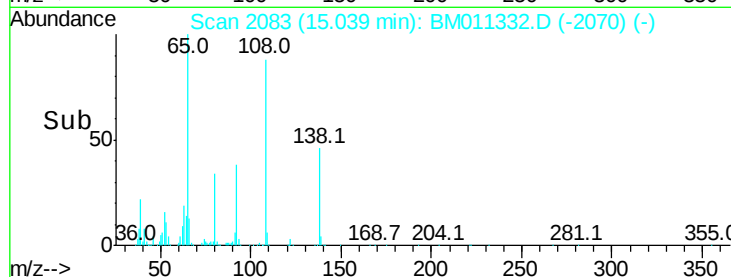
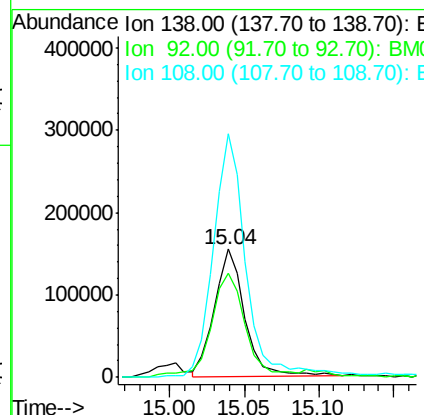
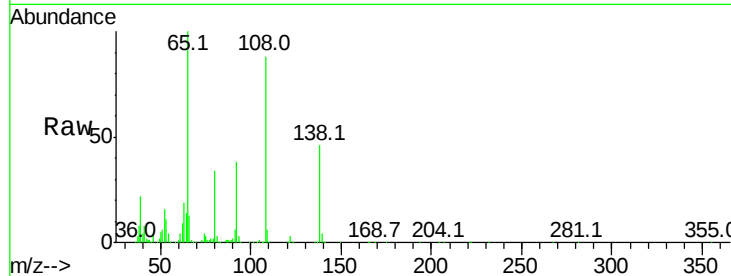
#61
4-Nitroaniline
Concen: 35.415 ng
RT: 15.04 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	81.5	16.7	56.7#
108	189.8	37.6	77.6#

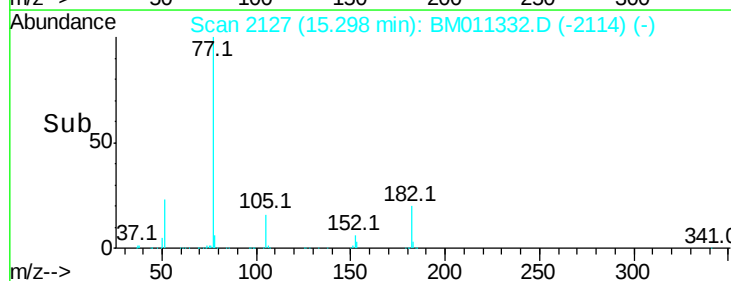
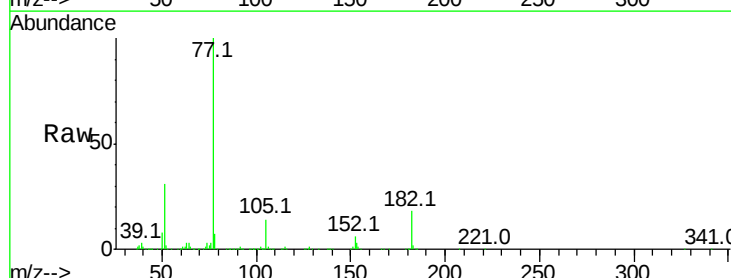
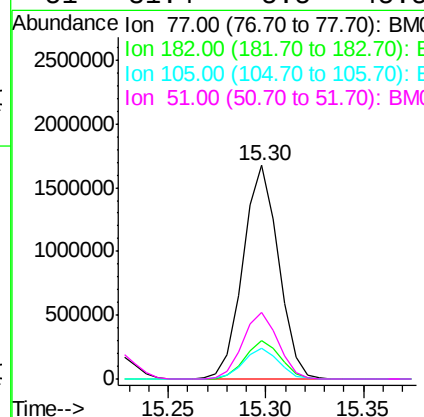
Manual Integrations
APPROVED

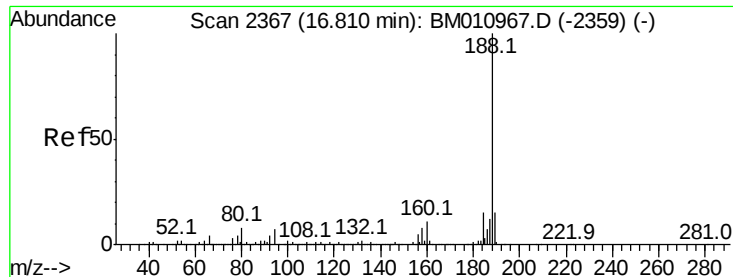
Sohil
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#62
Azobenzene
Concen: 58.541 ng
RT: 15.30 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.8	6.5	46.5
105	14.5	3.8	43.8
51	31.4	5.5	45.5





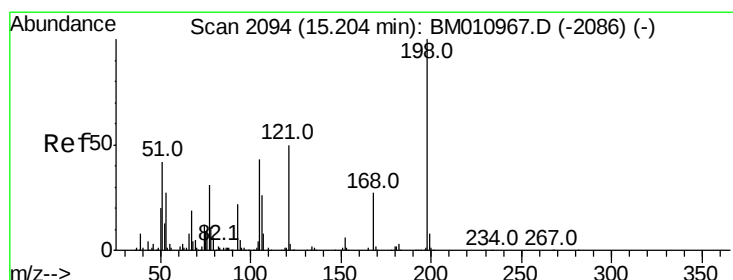
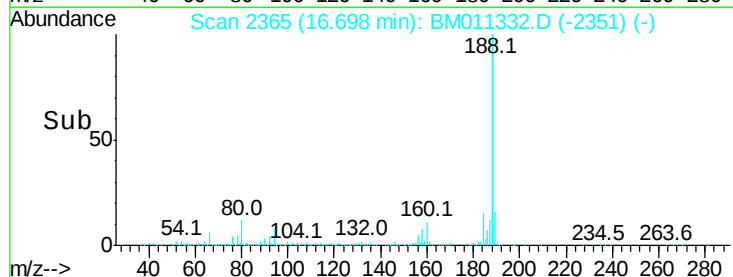
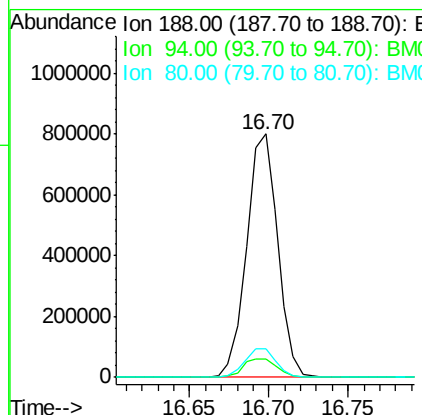
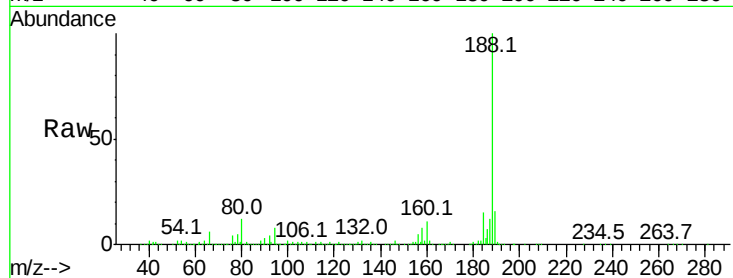
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.7	13.1#
80	11.6	9.3	13.9

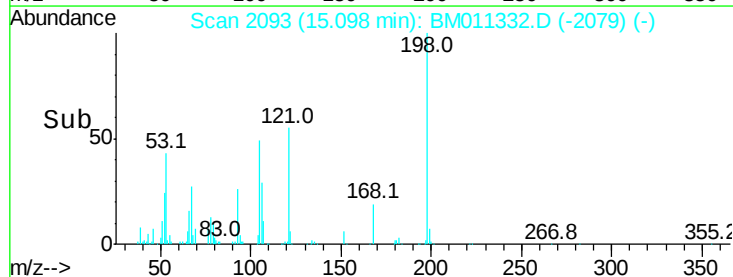
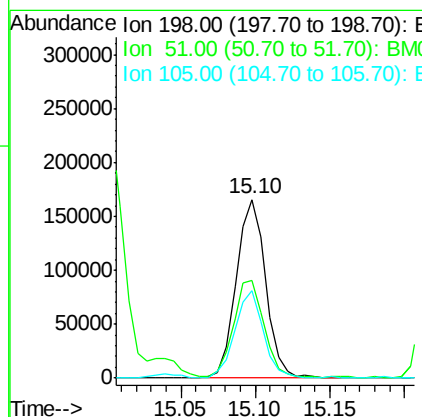
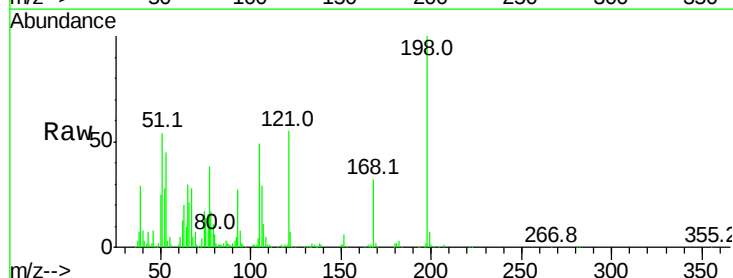
Manual Integrations
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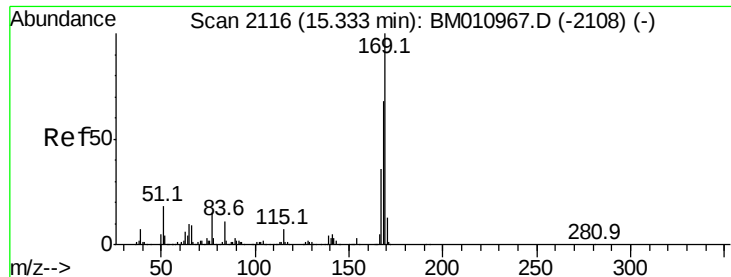
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.964 ng
RT: 15.10 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.4	28.8	68.8
105	49.0	30.5	70.5





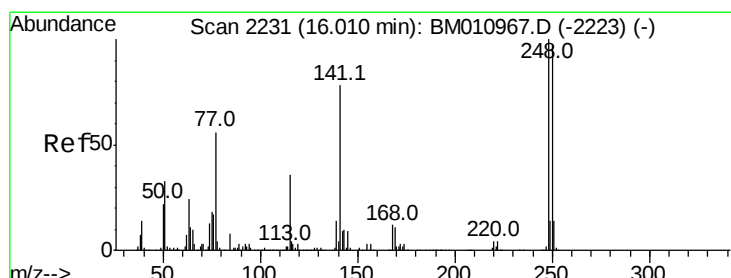
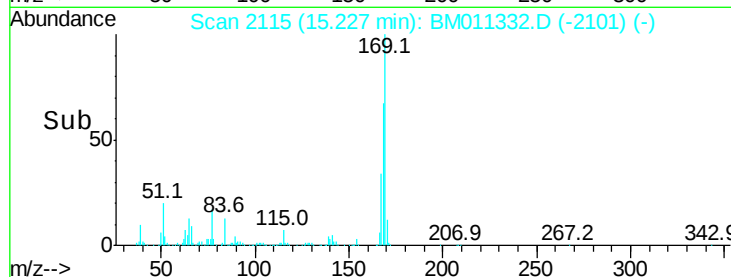
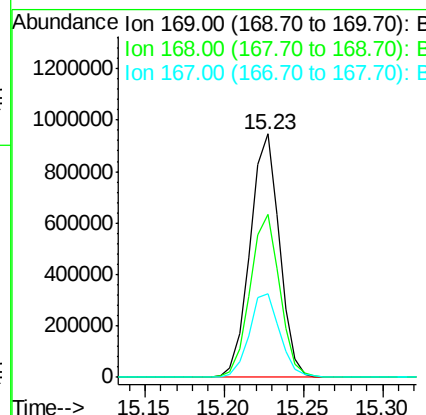
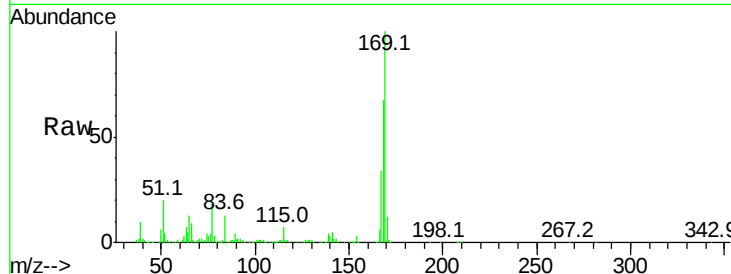
#65
n-Nitrosodiphenylamine
Concen: 39.062 ng
RT: 15.23 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.9	80.9
167	34.3	28.9	43.3

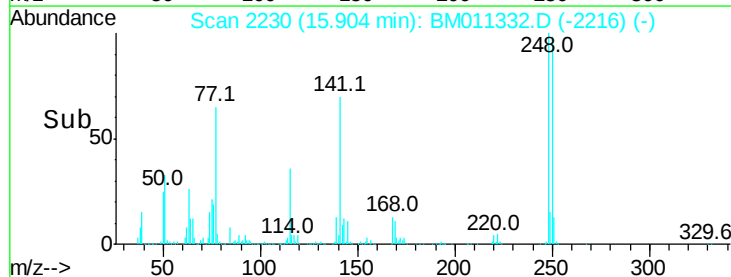
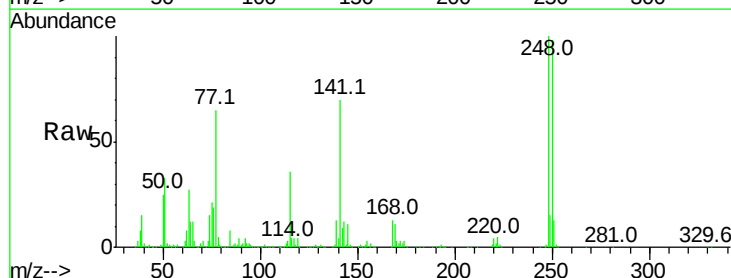
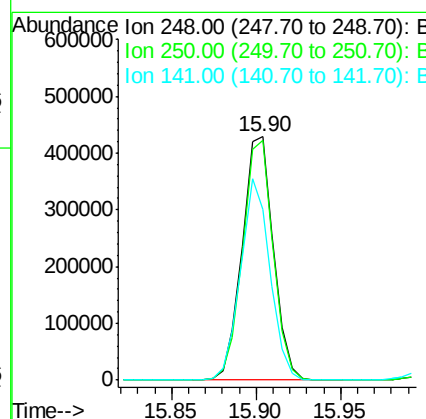
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#66
4-Bromophenyl-phenylether
Concen: 39.735 ng
RT: 15.90 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.4	116.0
141	70.1	45.2	67.8





#67

Hexachlorobenzene

Concen: 35.750 ng

RT: 16.00 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

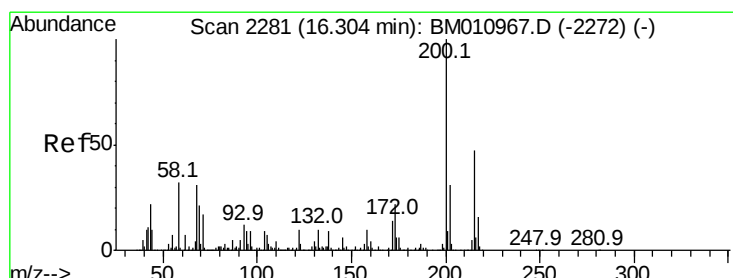
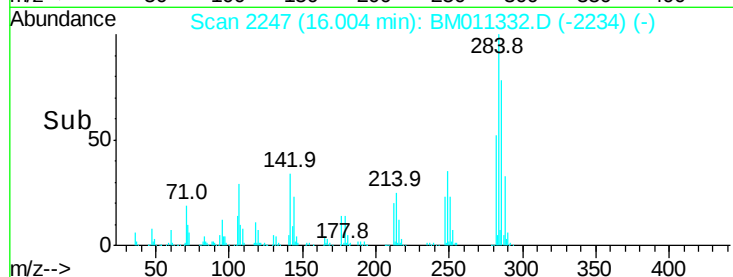
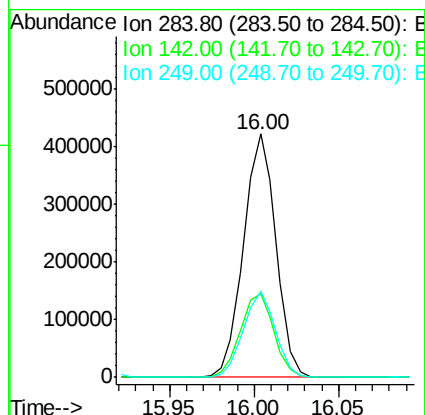
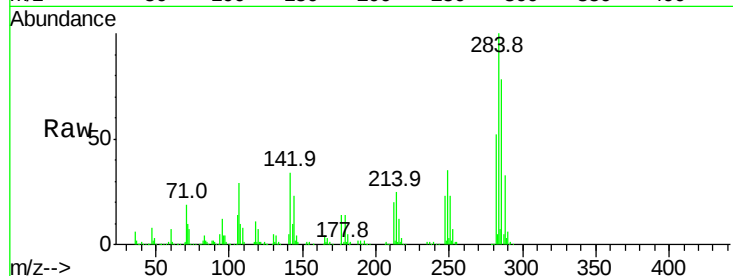
ClientSampleId :

HR-06-081817MS

Tot Ion:	284	Resp:	563775
Ion Ratio	Lower	Upper	
284	100		
142	34.1	20.4	30.6#
249	35.5	23.8	35.6

Manual Integrations
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#68

Atrazine

Concen: 42.640 ng

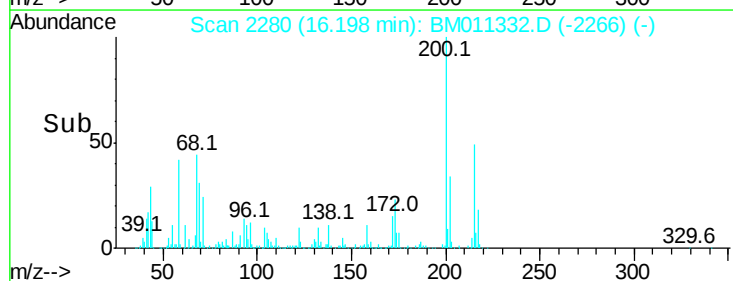
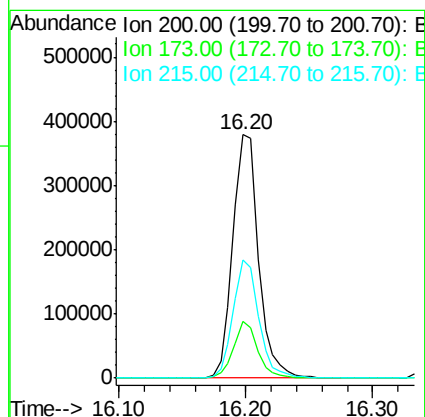
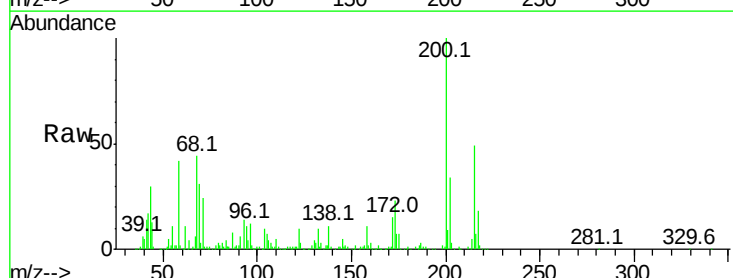
RT: 16.20 min Scan# 2280

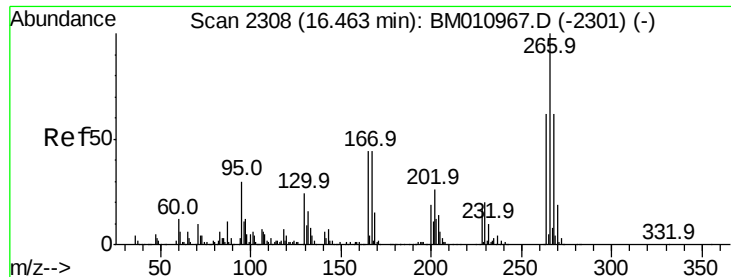
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:	200	Resp:	530869
Ion Ratio	Lower	Upper	
200	100		
173	23.1	4.8	44.8
215	48.6	26.9	66.9





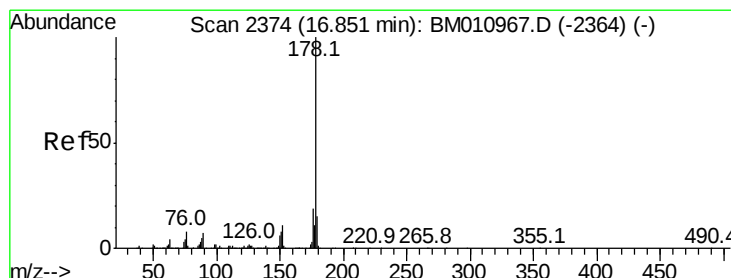
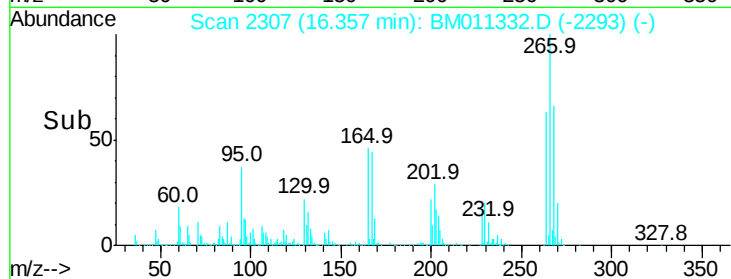
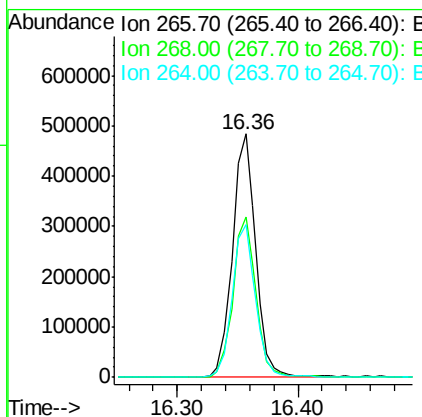
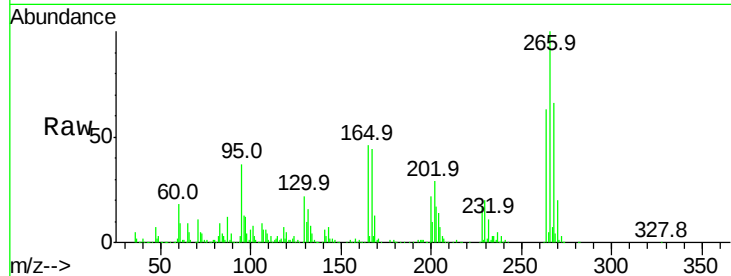
#69
 Pentachlorophenol
 Concen: 65.020 ng
 RT: 16.36 min Scan# 2307
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	52.0	78.0
264	63.0	49.0	73.4

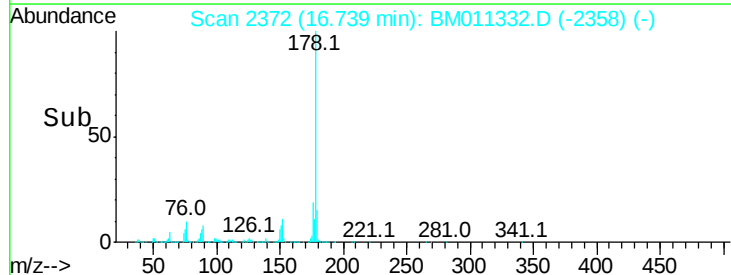
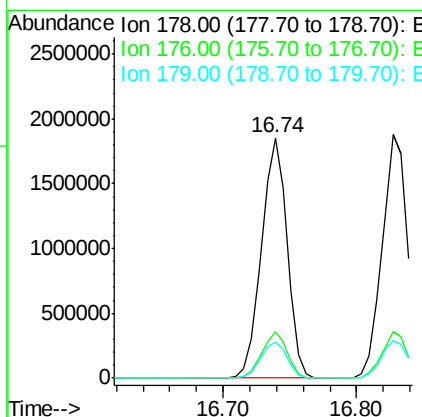
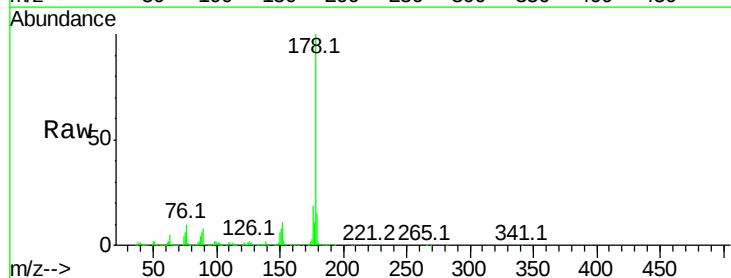
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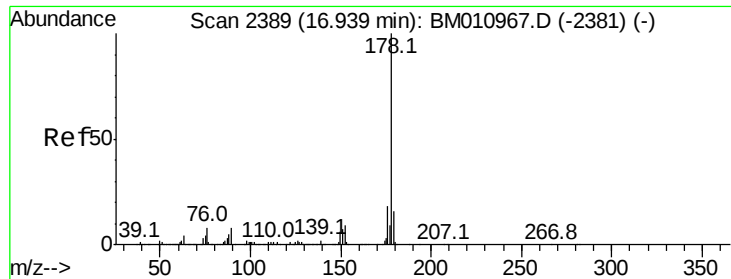
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#70
 Phenanthrene
 Concen: 43.047 ng
 RT: 16.74 min Scan# 2372
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	14.8	12.1	18.1





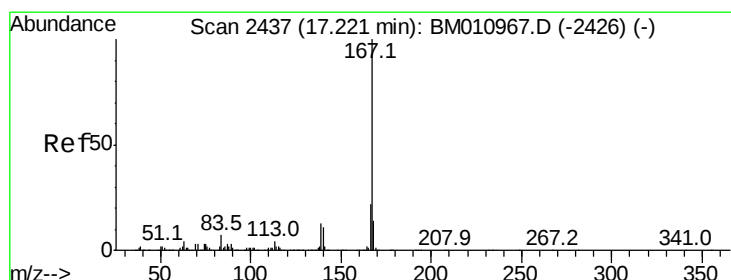
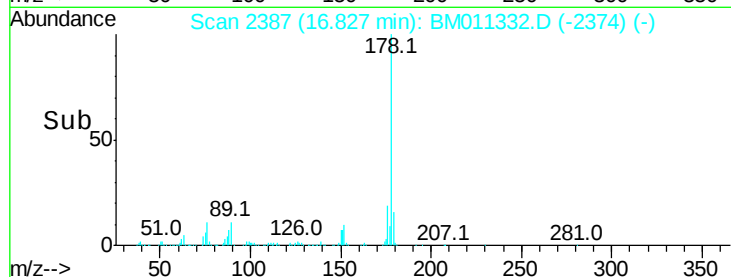
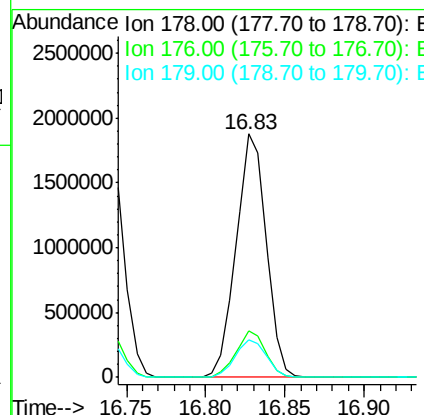
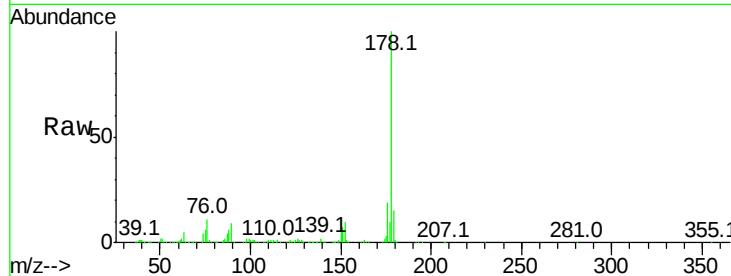
#71
 Anthracene
 Concen: 43.604 ng
 RT: 16.83 min Scan# 2387
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	15.4	12.6	19.0

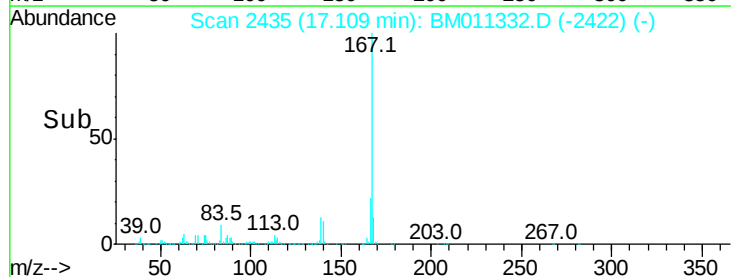
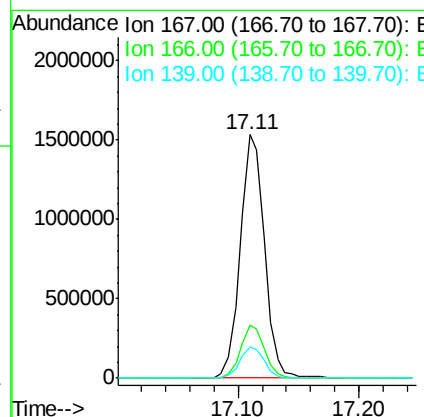
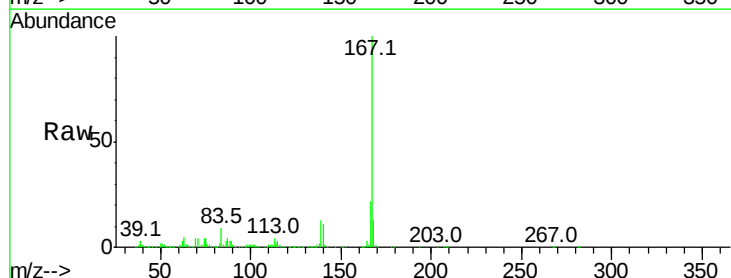
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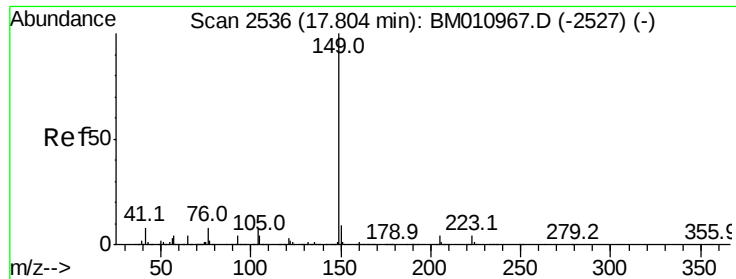
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#72
 Carbazole
 Concen: 43.299 ng
 RT: 17.11 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	12.7	10.8	16.2





#73

Di-n-butylphthalate

Concen: 41.614 ng

RT: 17.70 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

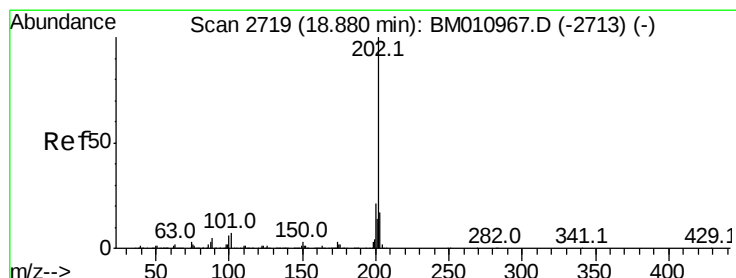
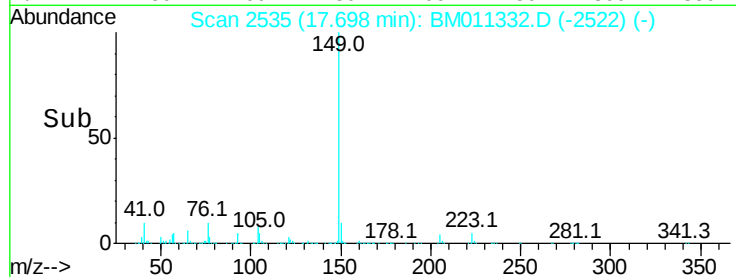
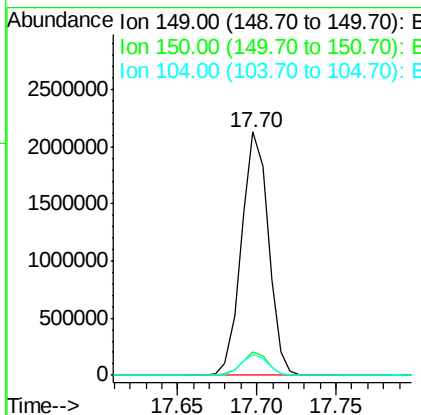
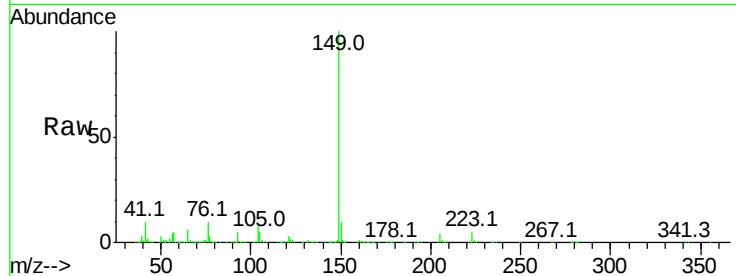
ClientSampleId :

HR-06-081817MS

Tot Ion:	149	Resp:	2512405
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.5	11.3
104	8.4	3.7	5.5

Manual Integrations
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#74

Fluoranthene

Concen: 48.400 ng

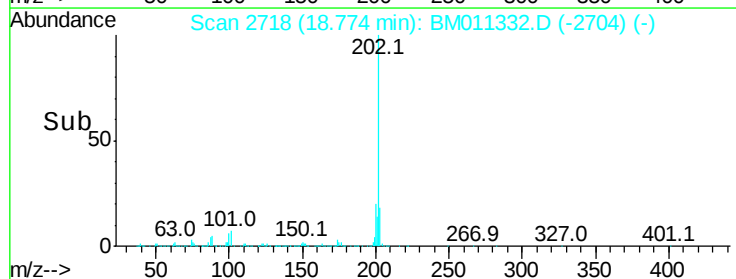
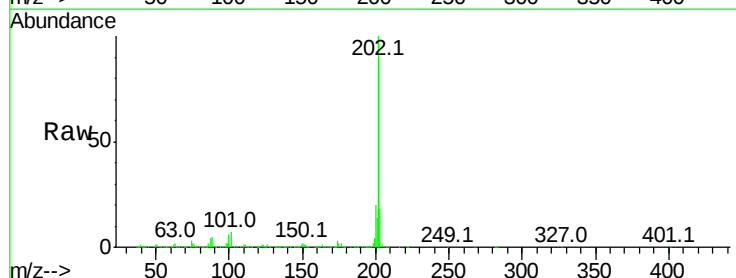
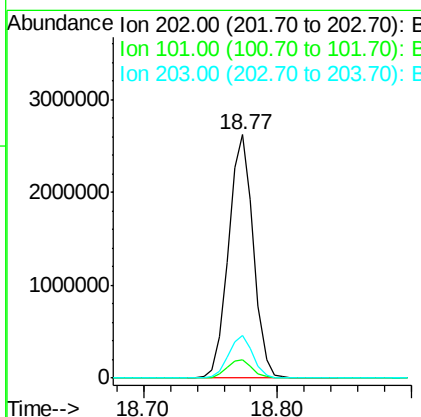
RT: 18.77 min Scan# 2718

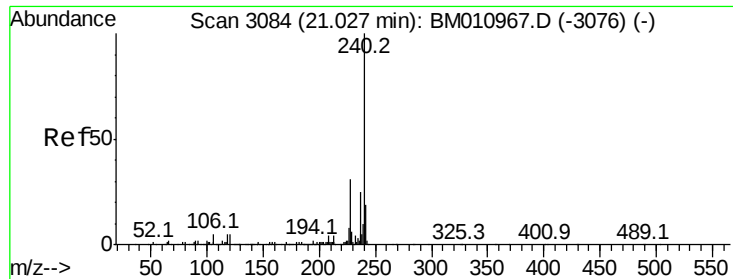
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:	202	Resp:	3409355
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

ClientSampleId :

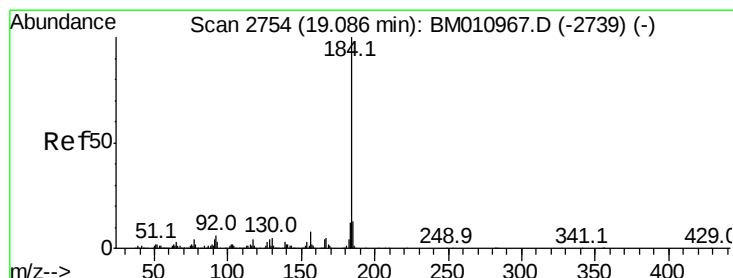
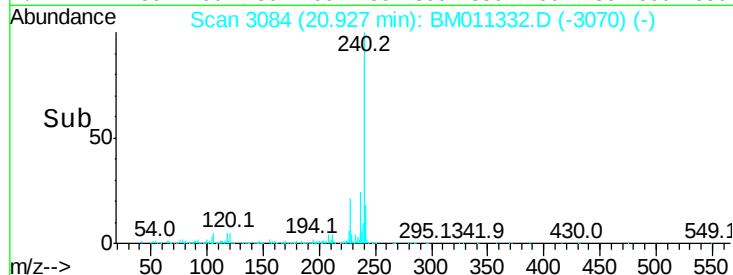
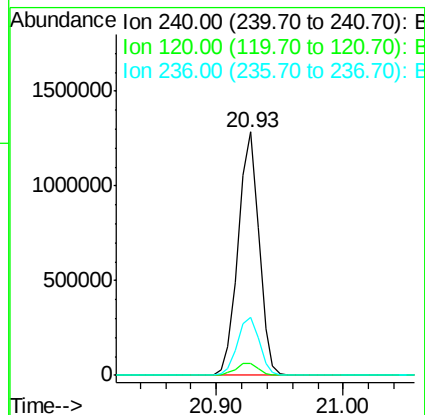
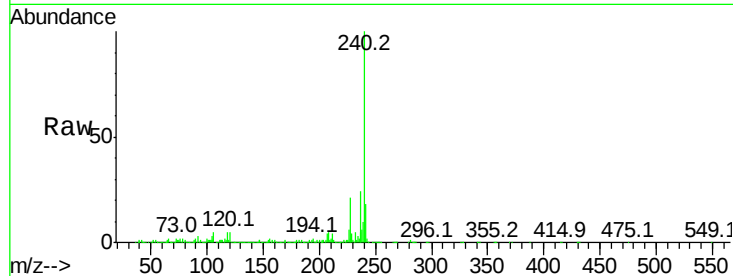
HR-06-081817MS

Tot Ion:240 Resp: 1455325

Ion	Ratio	Lower	Upper
240	100		
120	5.1	8.2	12.2#
236	23.8	20.0	30.0

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#76

Benzidine

Concen: 16.430 ng

RT: 18.99 min Scan# 2755

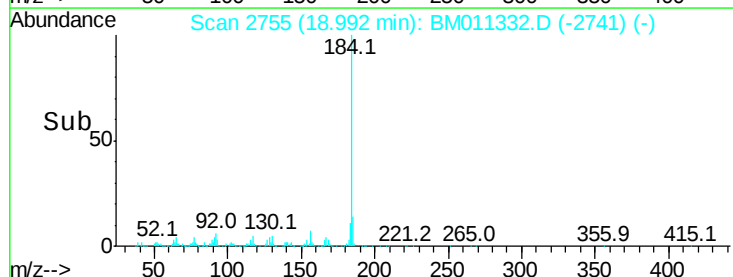
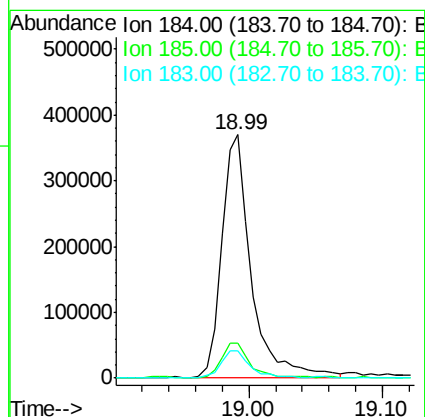
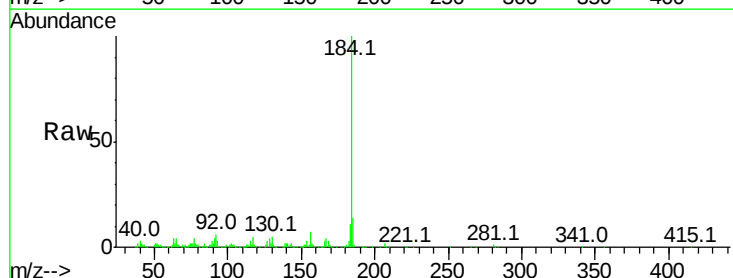
Delta R.T. -0.02 min

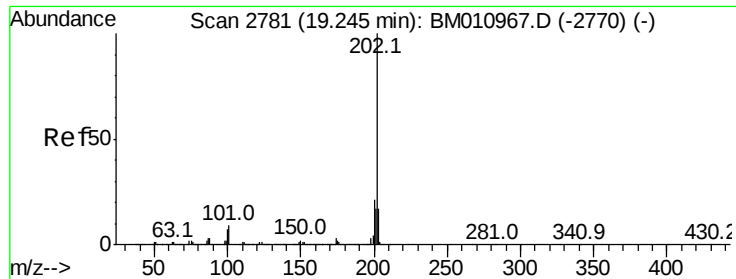
Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:184 Resp: 572014

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	11.2	8.9	13.3





#77

Pvrene

Concen: 40.778 ng

RT: 19.14 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

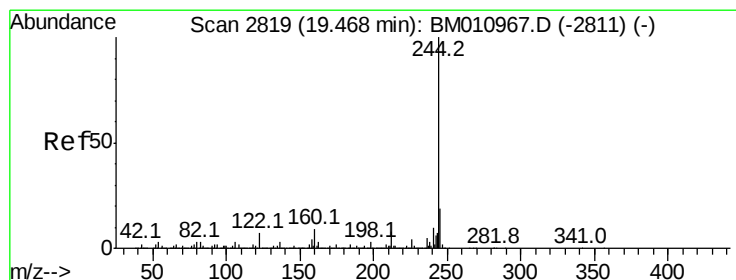
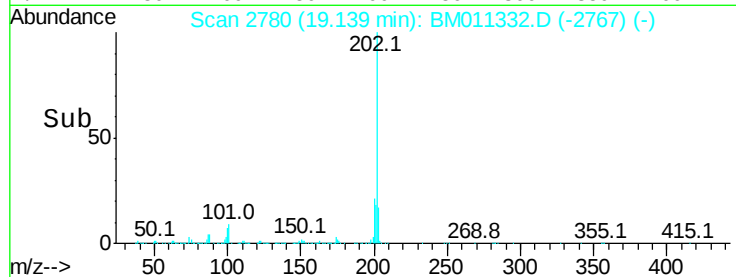
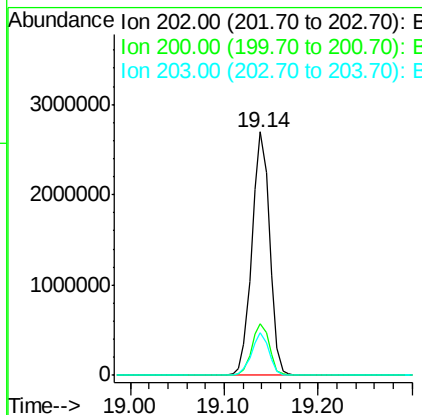
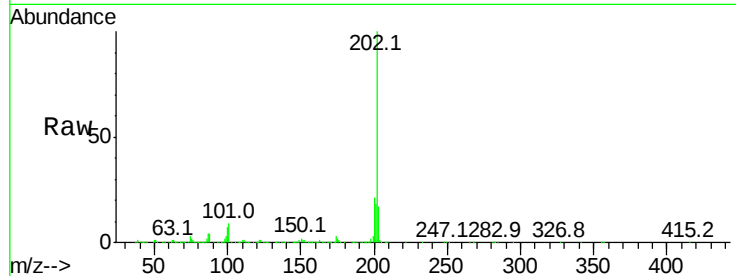
ClientSampleId :

HR-06-081817MS

Tot Ion:	202	Resp:	3526185
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.9	25.3
203	17.4	14.1	21.1

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#78

Terphenyl-d14

Concen: 73.834 ng

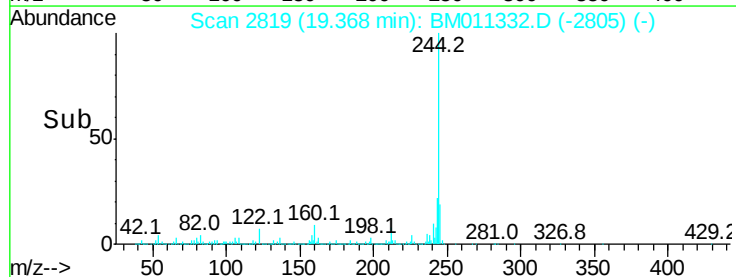
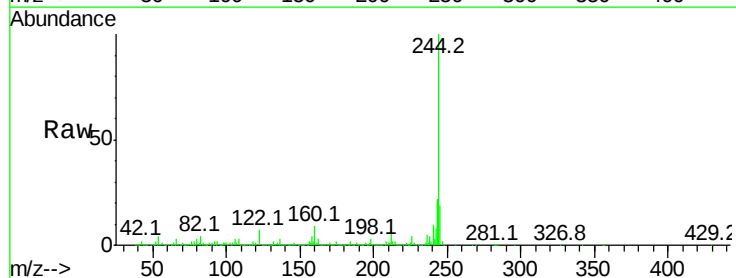
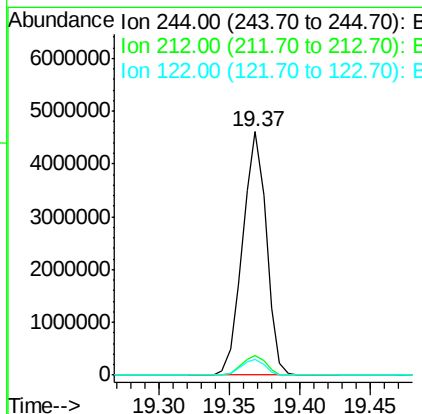
RT: 19.37 min Scan# 2819

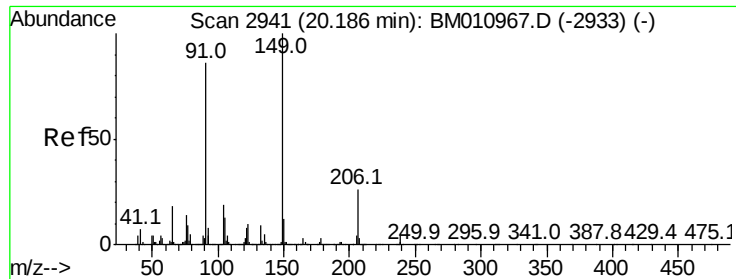
Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt Ion:	244	Resp:	5424521
Ion Ratio	Lower	Upper	
244	100		
212	8.0	4.9	7.3#
122	6.6	6.2	9.4





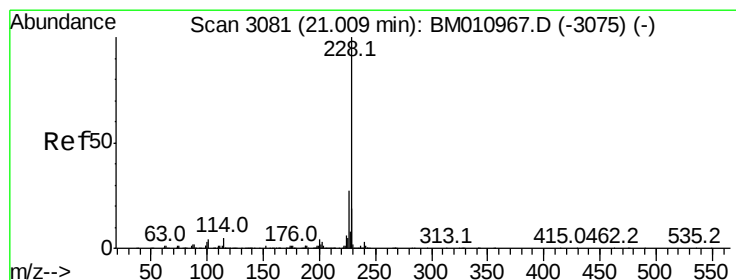
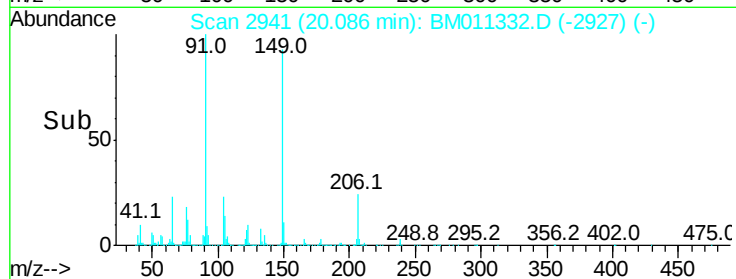
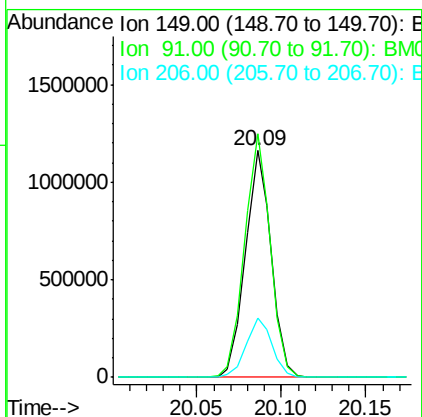
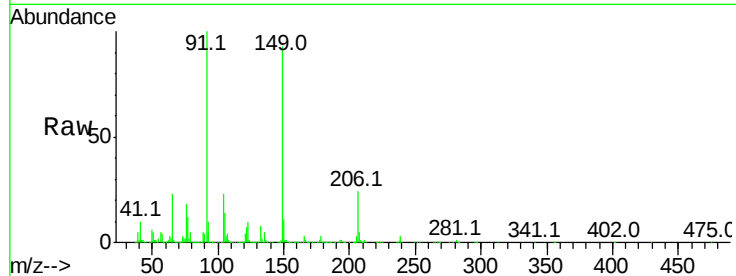
#79
Butylbenzylphthalate
Concen: 40.117 ng
RT: 20.09 min Scan# 2941
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	107.4	50.1	75.1#
206	25.9	16.2	24.2#

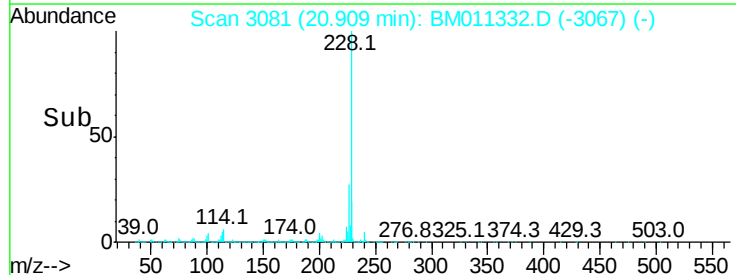
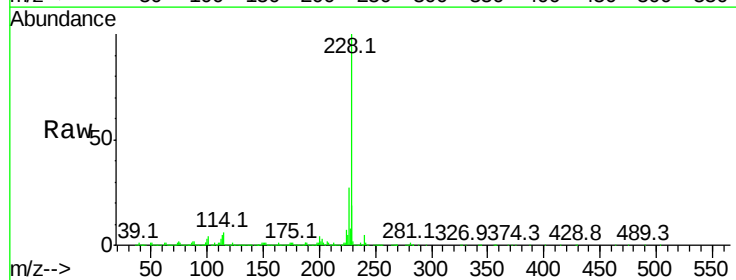
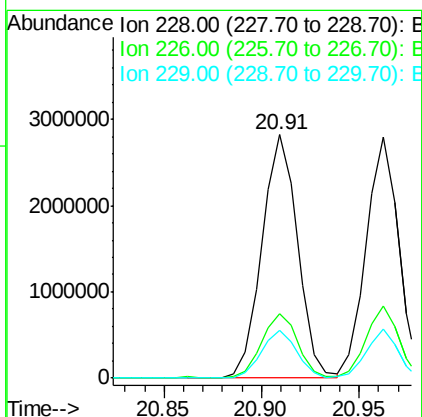
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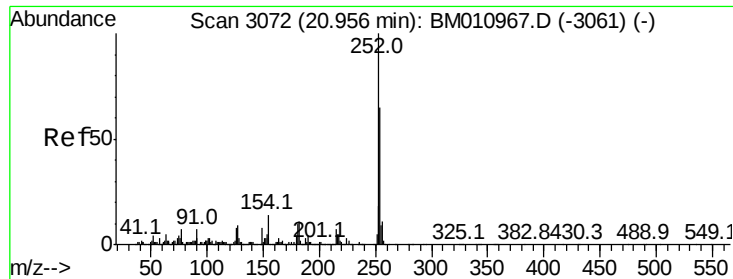
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#80
Benzo(a)anthracene
Concen: 42.834 ng
RT: 20.91 min Scan# 3081
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.7	32.5
229	19.4	16.0	24.0





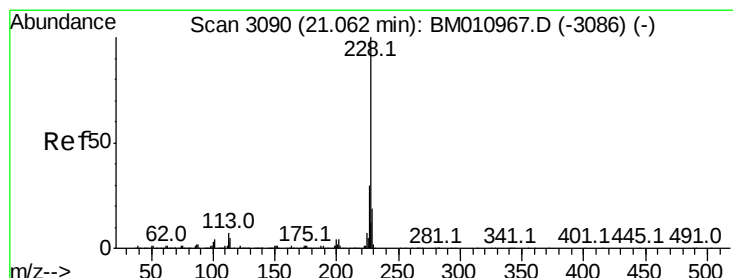
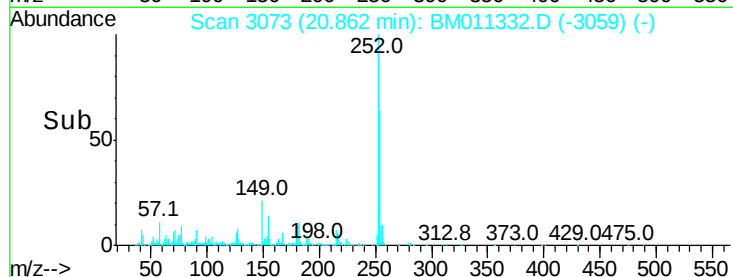
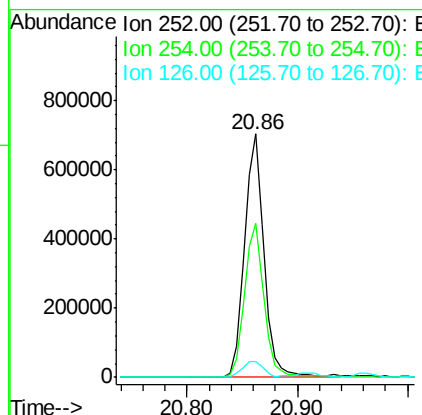
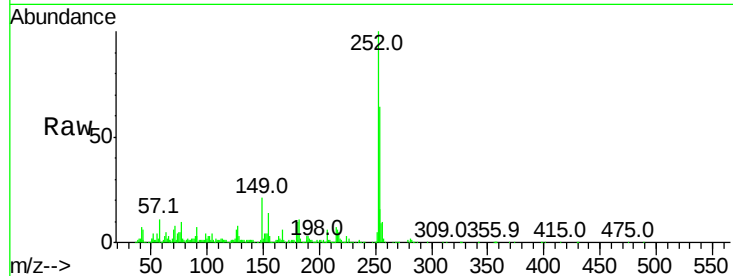
#81
 3,3'-Dichlorobenzidine
 Concen: 26.994 ng
 RT: 20.86 min Scan# 3073
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	879988		
254	63.5	51.9	77.9	
126	6.5	9.8	14.8	

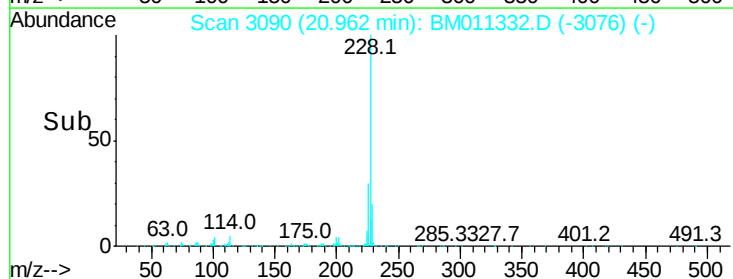
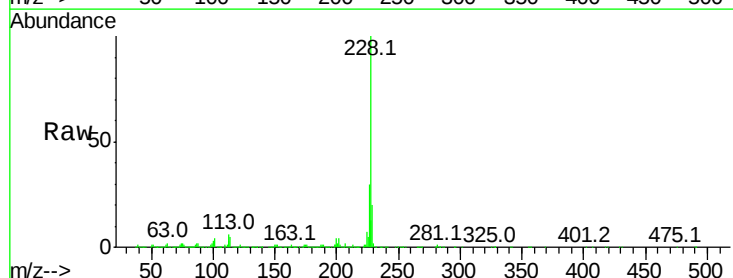
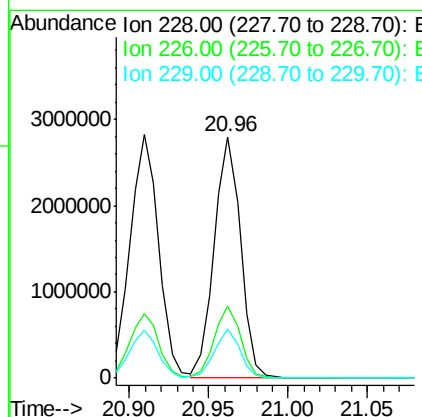
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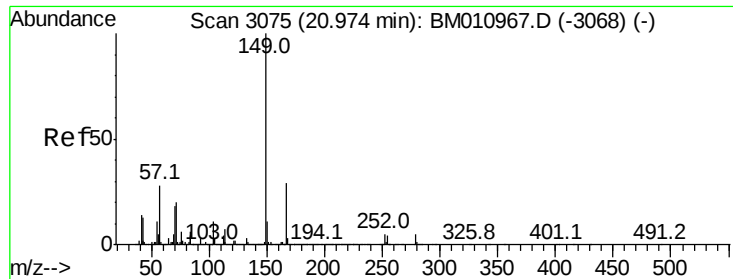
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#82
 Chrysene
 Concen: 40.597 ng
 RT: 20.96 min Scan# 3090
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	3238234		
226	29.8	24.1	36.1	
229	20.3	15.5	23.3	





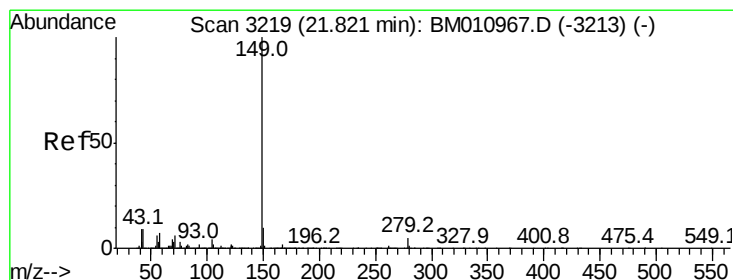
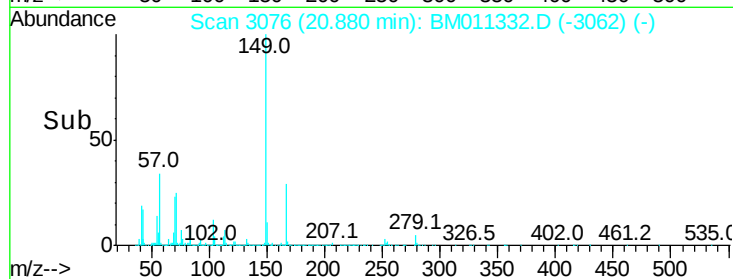
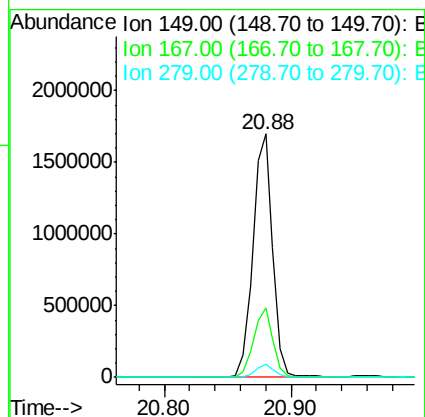
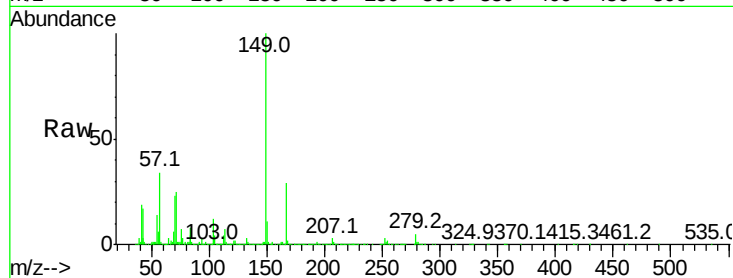
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.470 ng
 RT: 20.88 min Scan# 3076
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.4	33.6
279	5.4	3.4	5.0

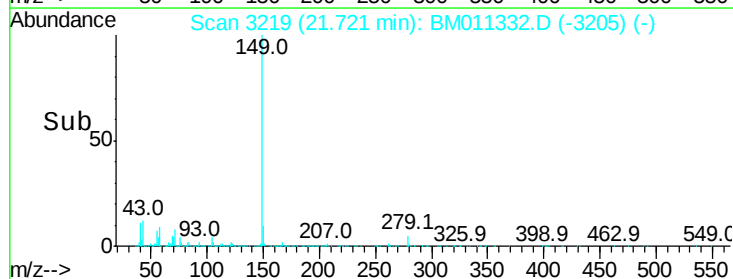
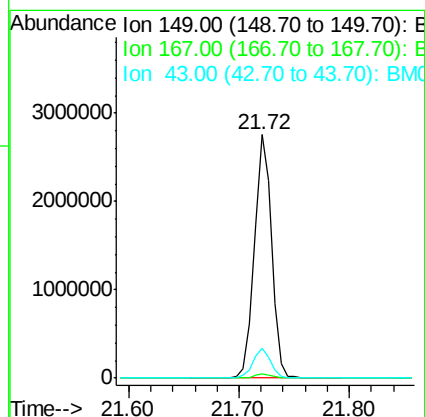
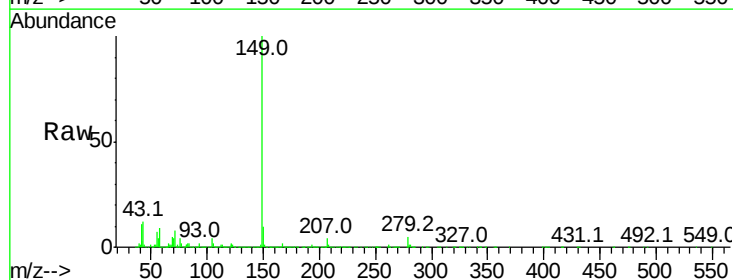
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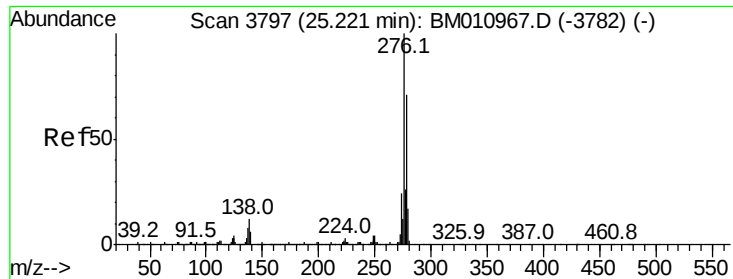
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#84
 Di-n-octyl phthalate
 Concen: 40.980 ng
 RT: 21.72 min Scan# 3219
 Delta R.T. -0.02 min
 Lab File: BM011332.D
 Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.1	7.3	10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.882 ng

RT: 25.01 min Scan# 3778

Delta R.T. -0.04 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MS

Tot Ion:276 Resp: 3707744

Ion Ratio Lower Upper

276 100

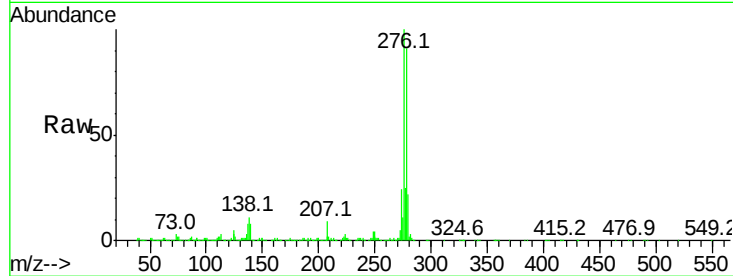
138 11.3 12.0 18.0#

277 25.4 20.0 30.0

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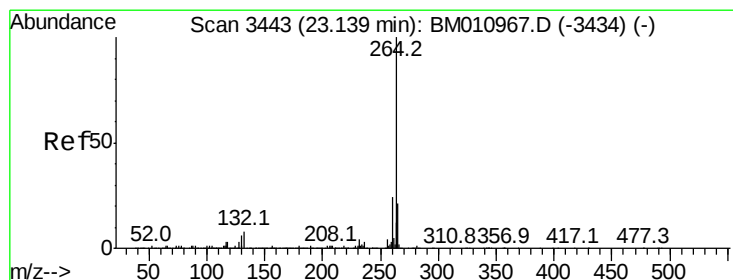
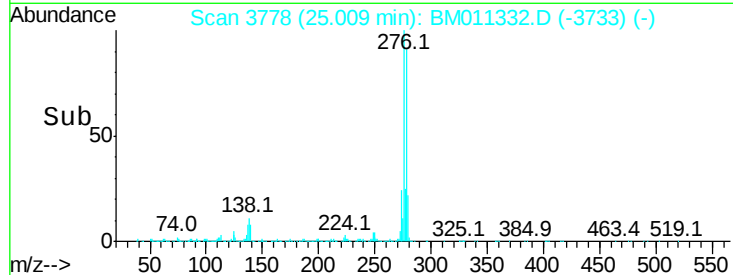
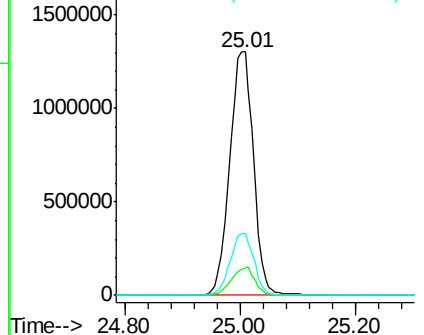
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

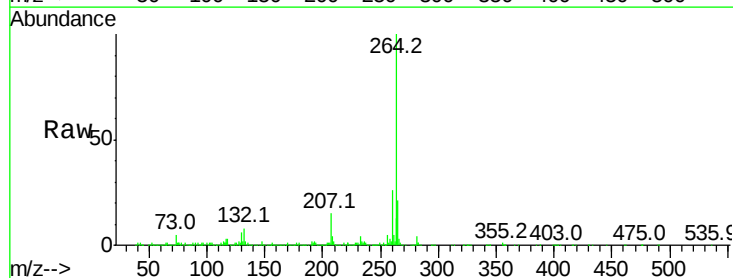
Tgt Ion:264 Resp: 1353162

Ion Ratio Lower Upper

264 100

260 26.1 18.6 27.8

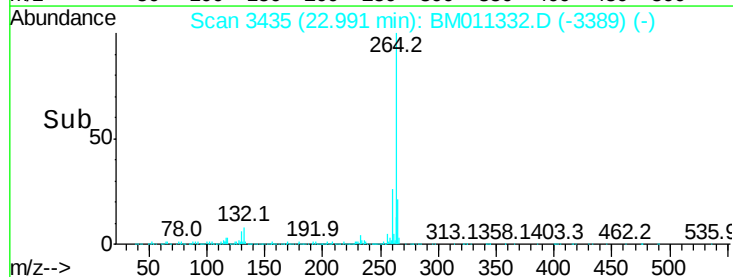
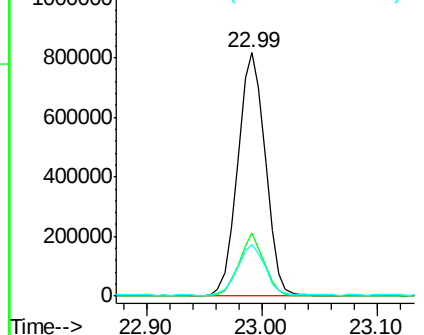
265 21.0 17.3 25.9

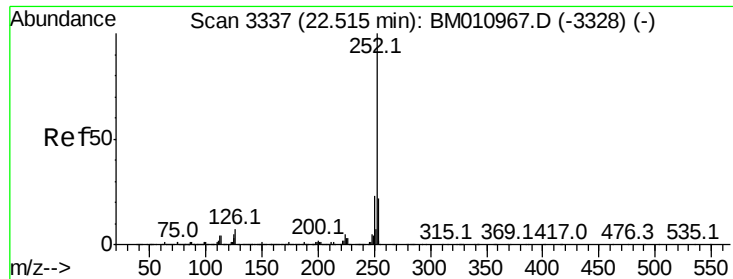


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.065 ng

RT: 22.39 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

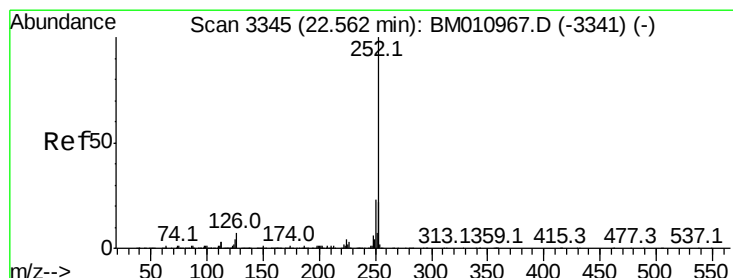
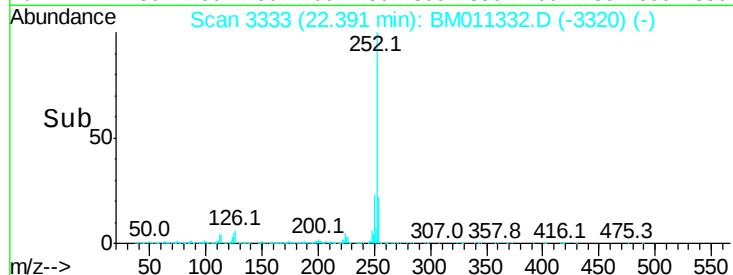
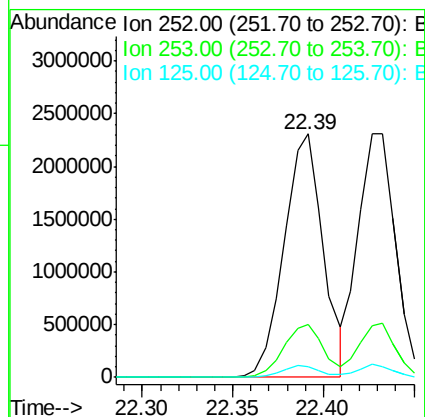
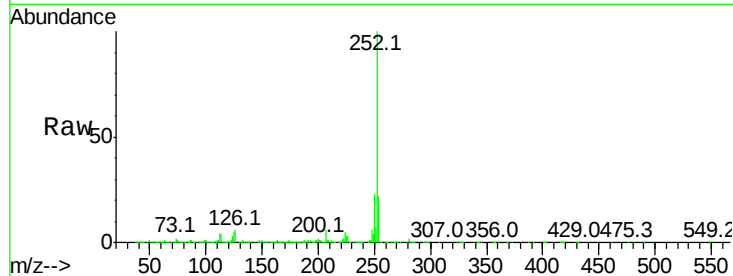
ClientSampleId :

HR-06-081817MS

Tot	Ion:252	Resp:	3479539
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	4.6	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 39.749 ng

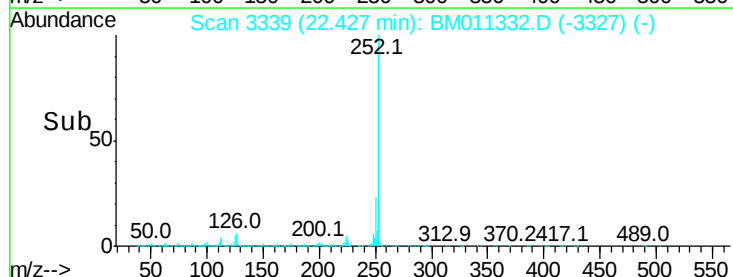
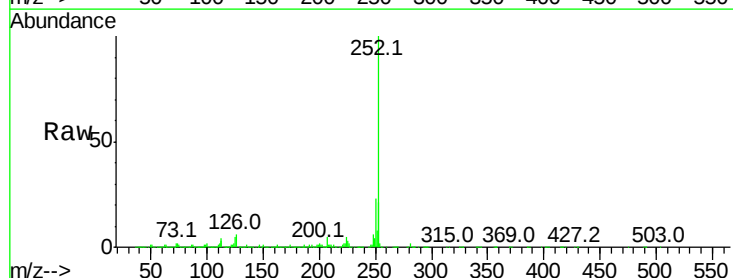
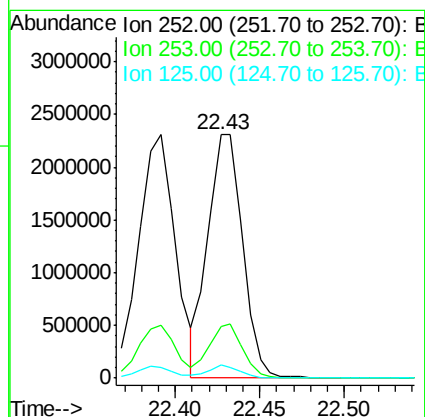
RT: 22.43 min Scan# 3339

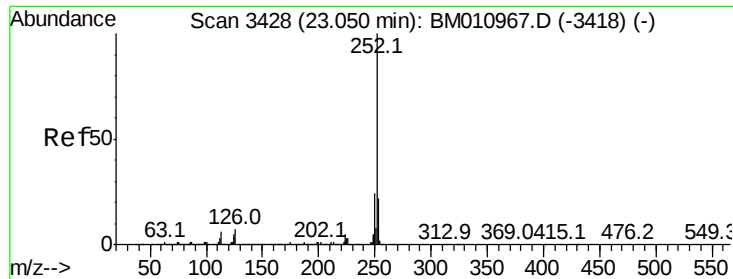
Delta R.T. -0.03 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Tgt	Ion:252	Resp: 3308676	
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	5.2	8.1	12.1#





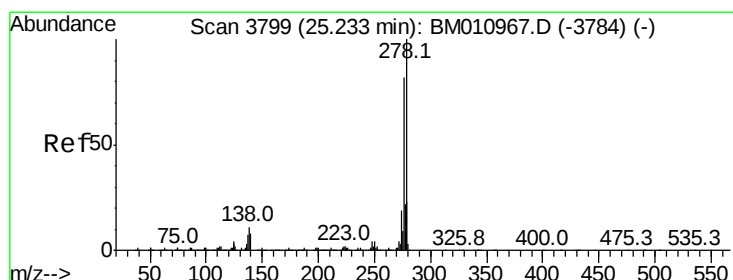
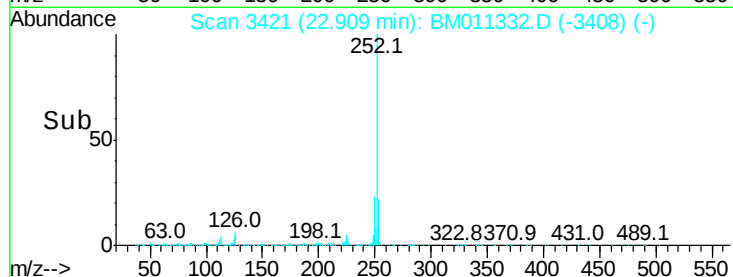
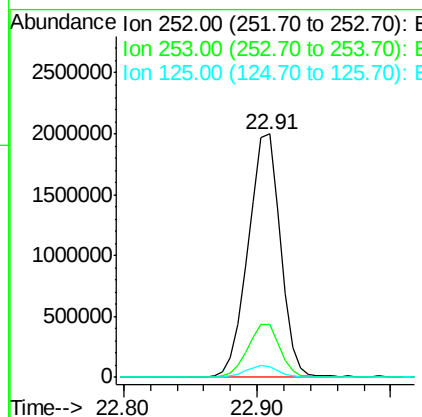
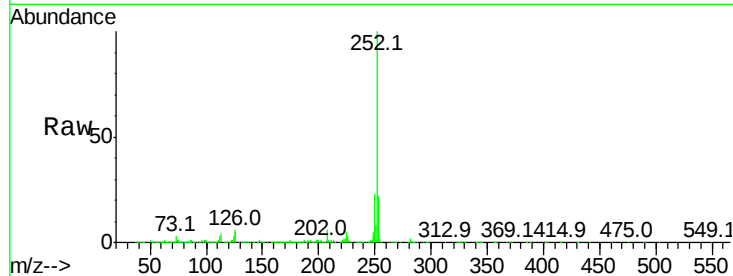
#89
Benzo(a)pyrene
Concen: 42.251 ng
RT: 22.91 min Scan# 3421
Delta R.T. -0.02 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	4.6	7.4	11.2

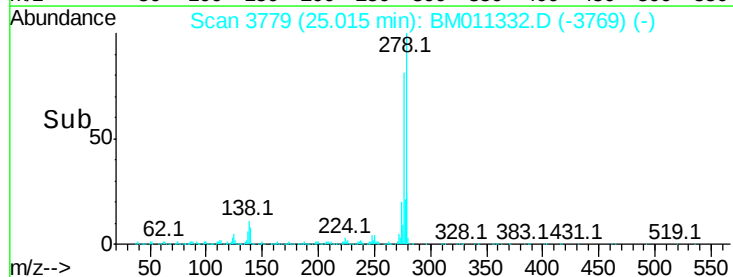
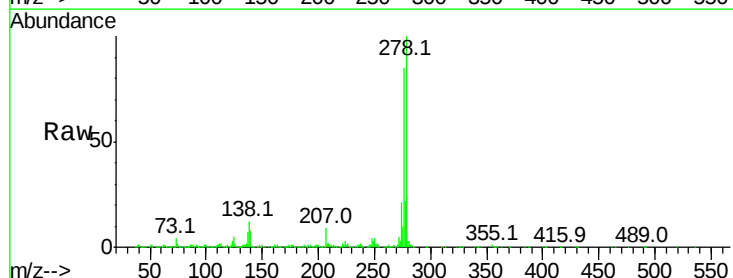
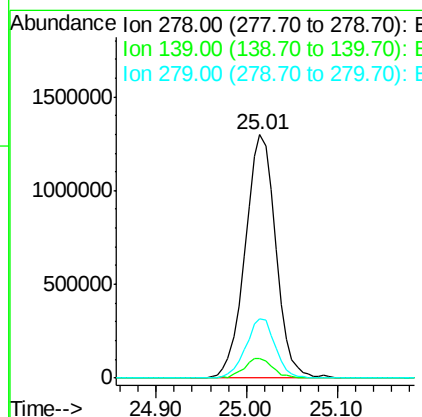
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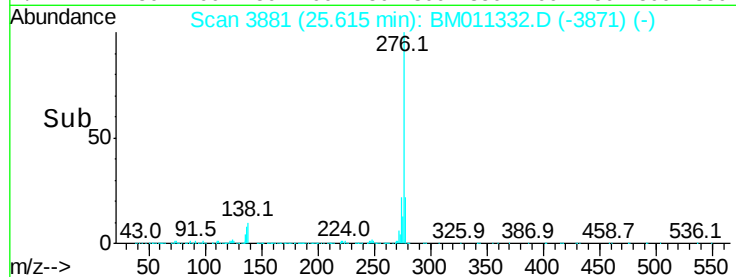
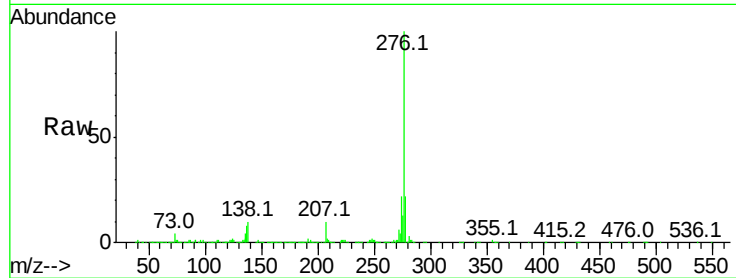
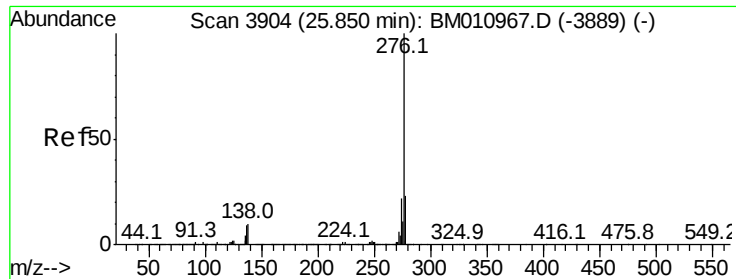
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#90
Dibenzo(a,h)anthracene
Concen: 41.757 ng
RT: 25.01 min Scan# 3779
Delta R.T. -0.04 min
Lab File: BM011332.D
Acq: 22 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.9	13.4	20.0
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 42.795 ng

RT: 25.61 min Scan# 3881

Delta R.T. -0.04 min

Lab File: BM011332.D

Acq: 22 Aug 2017 18:09

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MS

Tot Ion:276 Resp: 3061418

Ion Ratio Lower Upper

276 100

277 22.3 18.5 27.7

138 9.5 19.0 28.6#

Manual Integrations

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