

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011333.D
 Acq On : 22 Aug 2017 18:45
 Operator : SJ/JU
 Sample : I4892-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Manual Integrations
 APPROVED

Sohil
 8/23/2017 7:21:32 PM

Quant Time: Aug 23 03:34:53 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	135770	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	501050	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	365222	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	993367	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	1333867	20.00	ng	-0.02
86) Perylene-d12	22.99	264	1176675	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.91	112	1050708	130.82	ng	-0.02
7) Phenol-d6	6.48	99	1417254	124.20	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1491654	111.73	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	806522	137.78	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	2555475	87.75	ng	-0.02
78) Terphenyl-d14	19.37	244	5025838	74.64	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	155428	43.101	ng	# 100
3) Pyridine	3.29	79	339297	34.446	ng	# 88
4) n-Nitrosodimethylamine	3.20	42	268122	53.415	ng	# 67
6) Aniline	6.62	93	330023	22.946	ng	# 85
8) 2-Chlorophenol	6.84	128	328731	40.314	ng	# 61
9) Benzaldehyde	6.43	77	318321	43.113	ng	# 67
10) Phenol	6.50	94	486627	39.261	ng	# 89
11) bis(2-Chloroethyl)ether	6.72	93	435206	45.064	ng	# 82
12) 1,3-Dichlorobenzene	7.16	146	378036	38.041	ng	# 74
13) 1,4-Dichlorobenzene	7.30	146	382883	37.588	ng	# 89
14) 1,2-Dichlorobenzene	7.61	146	363058	37.277	ng	# 87
15) Benzyl Alcohol	7.52	79	554819	50.681	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.80	45	466591	53.690	ng	# 79
17) 2-Methylphenol	7.73	107	346965	43.800	ng	# 69
18) Hexachloroethane	8.32	117	175117	39.421	ng	# 87
19) n-Nitroso-di-n-propylamine	8.08	70	510922	52.687	ng	# 89
20) 3+4-Methylphenols	8.05	107	448309	40.712	ng	# 76
22) Acetophenone	8.09	105	693274	46.159	ng	# 86
24) Nitrobenzene	8.46	77	738119	53.356	ng	# 80
25) Isophorone	8.98	82	1188223	53.382	ng	# 81
26) 2-Nitrophenol	9.16	139	182434	41.446	ng	# 1
27) 2,4-Dimethylphenol	9.23	122	331396	42.767	ng	# 61
28) bis(2-Chloroethoxy)methane	9.47	93	605636	48.784	ng	# 97
29) 2,4-Dichlorophenol	9.69	162	375973	43.179	ng	# 85
30) 1,2,4-Trichlorobenzene	9.89	180	466302	43.312	ng	# 96
31) Naphthalene	10.07	128	1098651	43.587	ng	# 100
32) Benzoic acid	9.39	122	208466	33.470	ng	# 34
33) 4-Chloroaniline	10.21	127	148354	14.754	ng	# 60
34) Hexachlorobutadiene	10.36	225	372000	43.870	ng	# 93
35) Caprolactam	11.00	113	87681m	35.509	ng	#
36) 4-Chloro-3-methylphenol	11.34	107	490235	43.602	ng	# 73
37) 2-Methylnaphthalene	11.70	142	860441	46.468	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	647026	41.235	ng	# 100
40) Hexachlorocyclopentadiene	12.06	237	825476	90.284	ng	# 95

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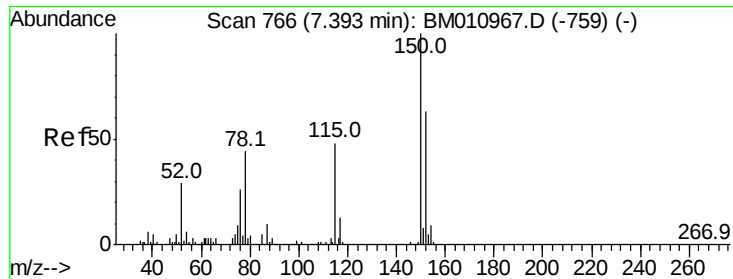
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	391324	41.204	nq	96
43) 2,4,5-Trichlorophenol	12.42	196	422171	43.159	nq #	83
45) 1,1'-Biphenyl	12.75	154	1212729	38.402	nq	92
46) 2-Chloronaphthalene	12.79	162	972042	41.776	nq #	92
47) 2-Nitroaniline	13.02	65	474262	57.615	nq #	61
48) Acenaphthylene	13.65	152	1439157	41.445	nq	99
49) Dimethylphthalate	13.42	163	1262515	40.409	nq #	99
50) 2,6-Dinitrotoluene	13.53	165	271286	42.939	nq #	36
51) Acenaphthene	14.00	154	912470	42.439	nq	99
52) 3-Nitroaniline	13.86	138	213205	38.888	nq #	8
53) 2,4-Dinitrophenol	14.07	184	371592	82.758	nq #	73
54) Dibenzofuran	14.34	168	1609432	46.197	nq #	91
55) 4-Nitrophenol	14.20	139	328236	68.143	nq #	75
56) 2,4-Dinitrotoluene	14.33	165	399947	45.092	nq #	64
57) Fluorene	15.00	166	1310076	43.191	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.58	232	449549	49.032	nq #	100
59) Diethylphthalate	14.80	149	1354141	42.439	nq	99
60) 4-Chlorophenyl-phenylether	15.00	204	802193	43.804	nq	97
61) 4-Nitroaniline	15.04	138	210507	36.148	nq #	1
62) Azobenzene	15.30	77	2042542	59.812	nq	85
64) 4,6-Dinitro-2-methylphenol	15.10	198	270218	40.181	nq	91
65) n-Nitrosodiphenylamine	15.23	169	1173517	41.279	nq	98
66) 4-Bromophenyl-phenylether	15.90	248	540450	42.321	nq #	92
67) Hexachlorobenzene	16.00	284	549811	38.101	nq #	87
68) Atrazine	16.20	200	503555	44.200	nq	94
69) Pentachlorophenol	16.36	266	740570	80.836	nq	97
70) Phenanthrene	16.74	178	2357052	45.315	nq	99
71) Anthracene	16.83	178	2412989	46.515	nq	99
72) Carbazole	17.11	167	2000416	44.095	nq	99
73) Di-n-butylphthalate	17.70	149	2391094	43.281	nq #	95
74) Fluoranthene	18.77	202	3185411	49.418	nq	98
76) Benzidine	18.99	184	779469	24.427	nq	98
77) Pyrene	19.14	202	3294454	41.567	nq	99
79) Butylbenzylphthalate	20.09	149	1184292	42.021	nq #	55
80) Benzo(a)anthracene	20.91	228	3302977	43.367	nq	99
81) 3,3'-Dichlorobenzidine	20.86	252	897738	30.046	nq #	96
82) Chrysene	20.96	228	3113957	42.593	nq	99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1674882	40.396	nq #	98
84) Di-n-octyl phthalate	21.72	149	2830832	42.068	nq #	94
85) Indeno(1,2,3-cd)pyrene	25.00	276	3375130	44.576	nq #	96
87) Benzo(b)fluoranthene	22.39	252	3327243	44.057	nq #	92
88) Benzo(k)fluoranthene	22.43	252	3086608	42.643	nq #	94
89) Benzo(a)pyrene	22.90	252	3066564	44.875	nq #	96
90) Dibenzo(a,h)anthracene	25.02	278	2776037	43.821	nq #	90
91) Benzo(g,h,i)perylene	25.61	276	2813505	45.228	nq #	85

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



#1

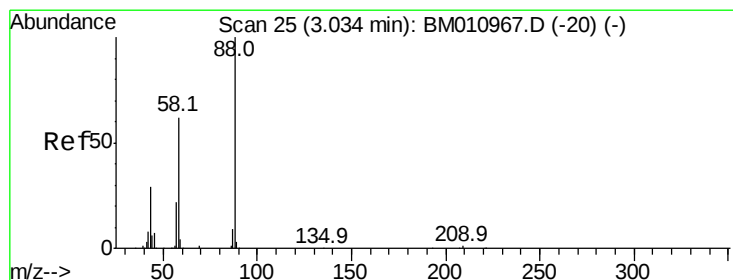
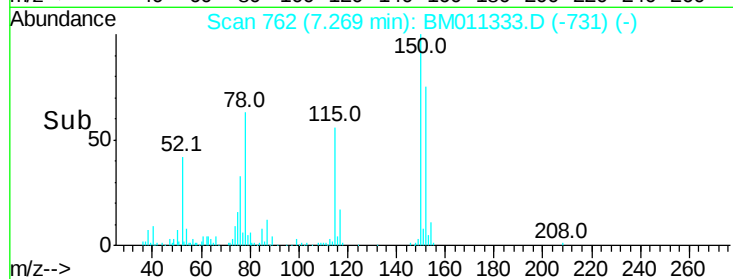
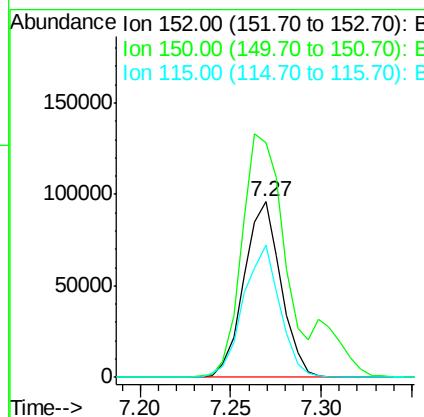
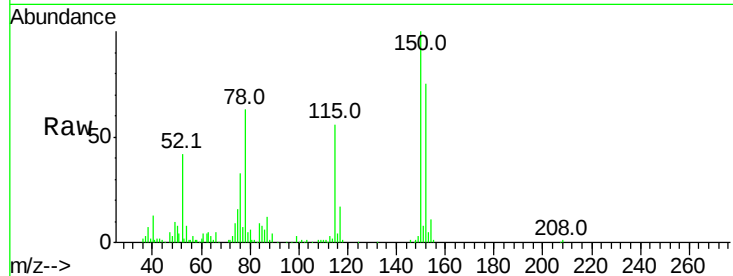
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.9	119.5	179.3
115	75.0	43.0	64.4

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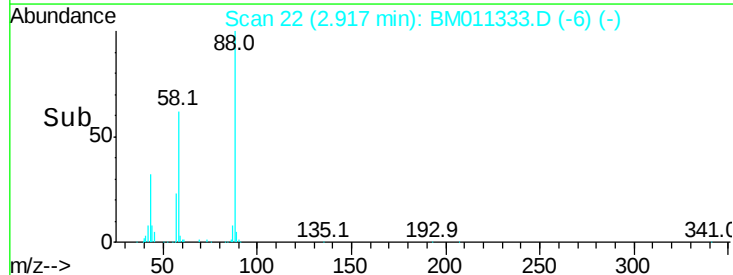
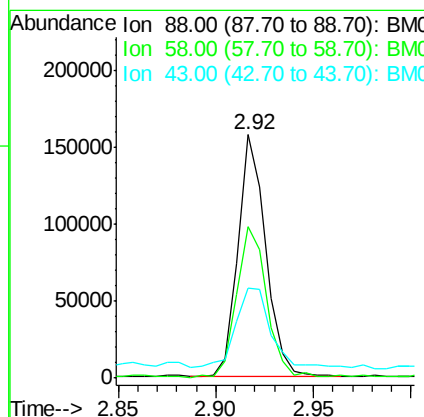
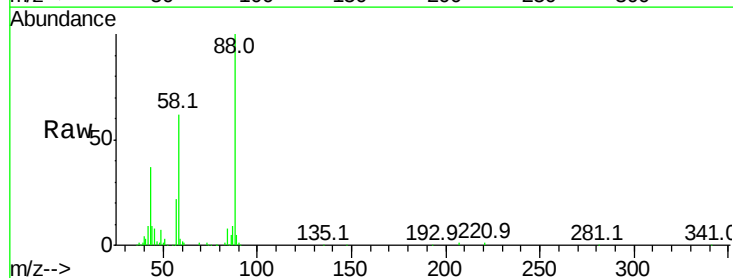
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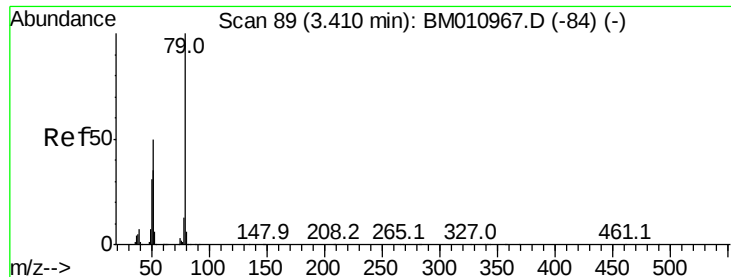


#2

1,4-Dioxane
Concen: 43.101 ng
RT: 2.92 min Scan# 22
Delta R.T. -0.01 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	0.0	0.0
43	44.2	0.0	0.0





#3

Pvridine

Concen: 34.446 ng

RT: 3.29 min Scan# 86

Delta R.T. -0.01 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

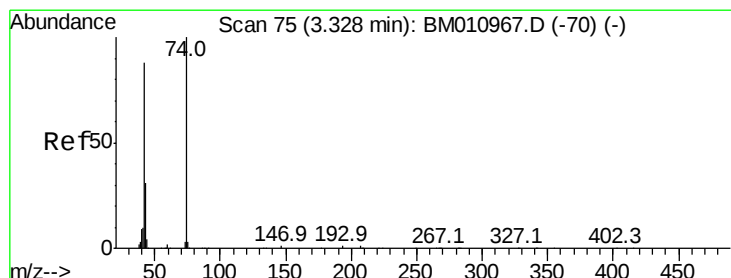
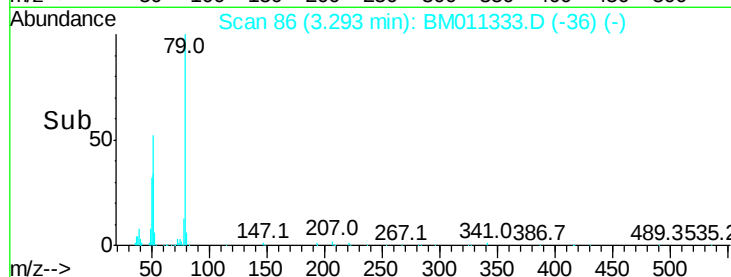
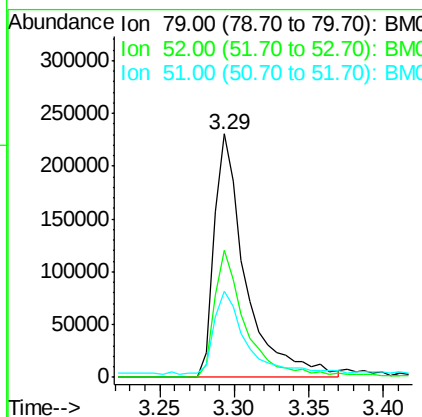
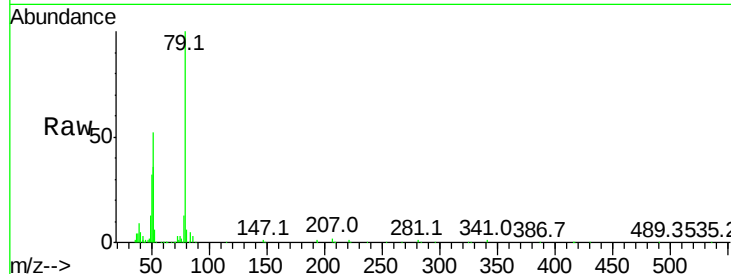
ClientSampleId :

HR-06-081817MSD

Tot Ion:	79	Resp:	339297
Ion Ratio	Lower	Upper	
79	100		
52	52.3	51.1	76.7
51	35.5	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 53.415 ng

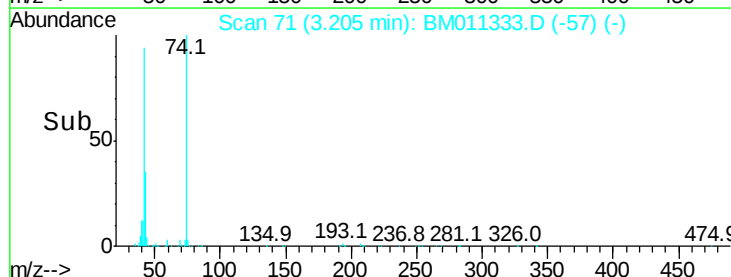
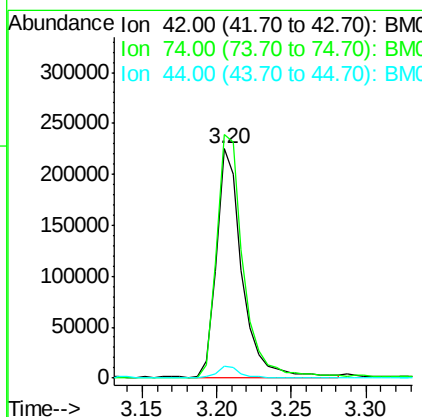
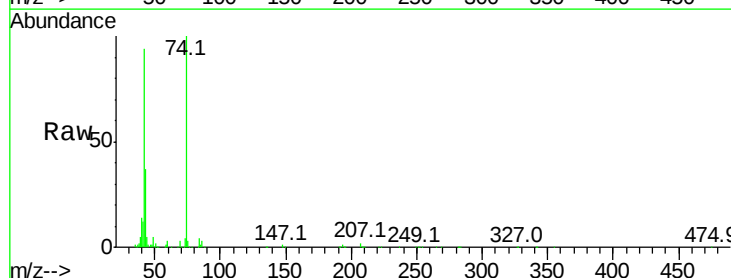
RT: 3.20 min Scan# 71

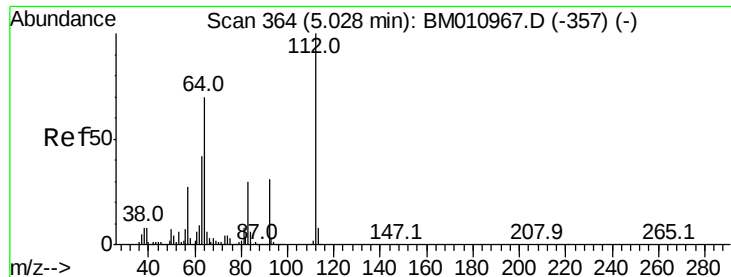
Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion:	42	Resp:	268122
Ion Ratio	Lower	Upper	
42	100		
74	106.3	119.3	178.9#
44	5.0	5.4	8.2#





#5

2-Fluorophenol

Concen: 130.821 ng

RT: 4.91 min Scan# 361

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

Tot Ion:112 Resp: 1050708

Ion Ratio Lower Upper

112 100

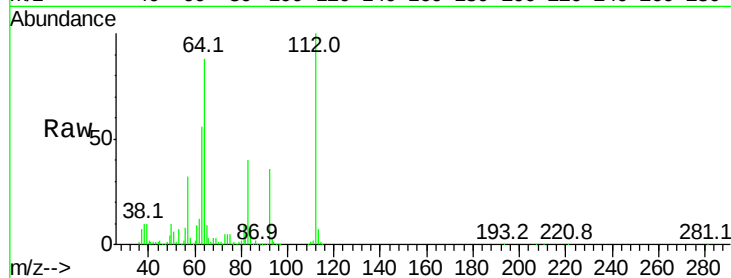
64 88.2 38.6 57.8#

63 55.8 19.3 28.9#

Manual Integrations
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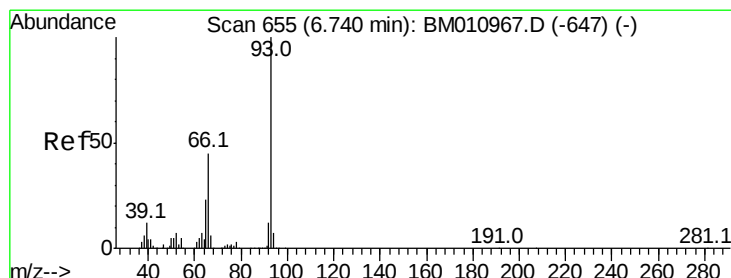
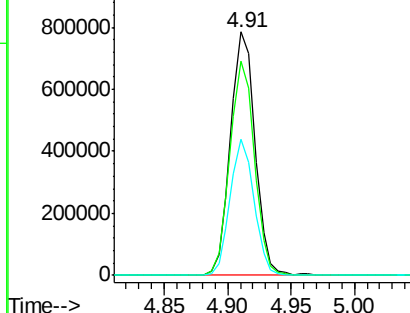
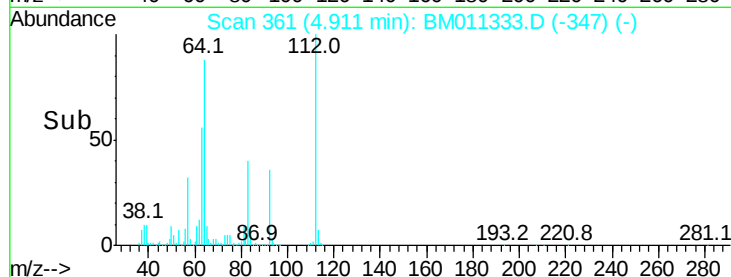
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 22.946 ng

RT: 6.62 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

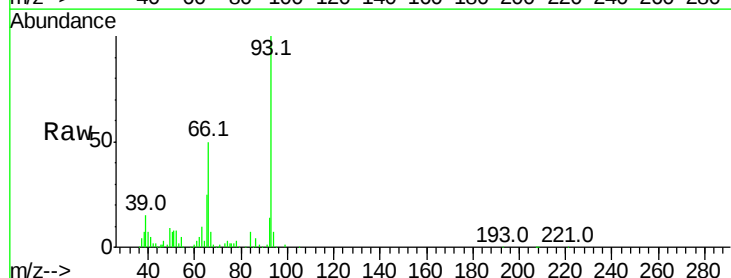
Tgt Ion: 93 Resp: 330023

Ion Ratio Lower Upper

93 100

66 49.6 30.8 46.2#

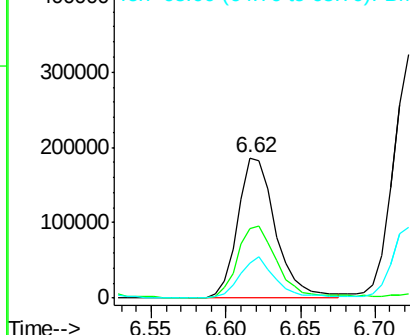
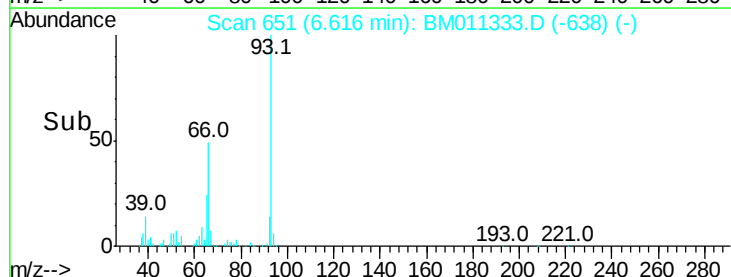
65 24.5 16.0 24.0#

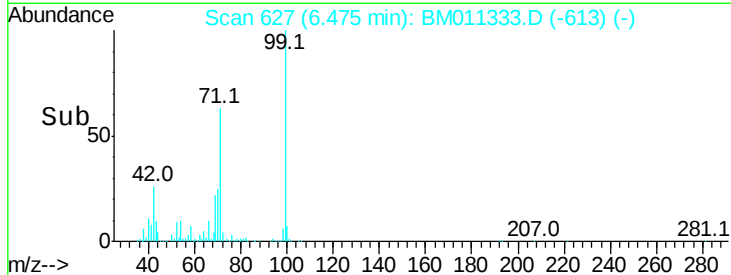
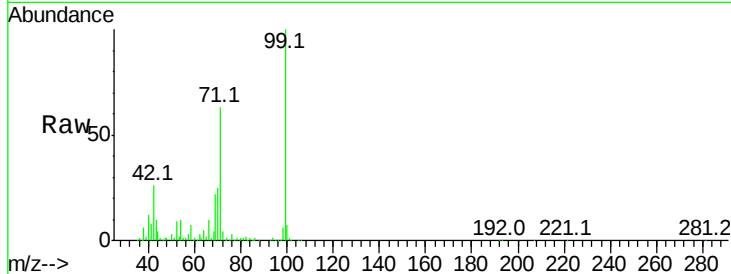
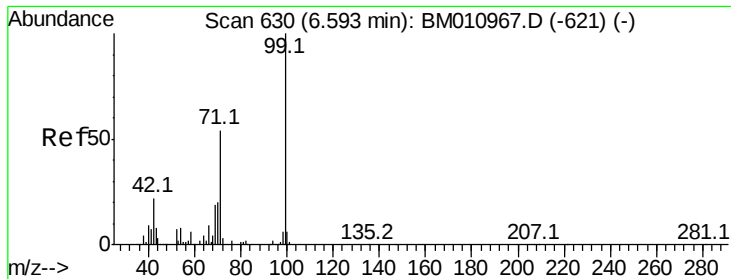


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 124.195 ng

RT: 6.48 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tot Ion	99	Resp	1417254
Ion	Ratio	Lower	Upper
99	100		
42	26.4	11.0	16.4#
71	62.8	23.4	35.2#

Instrument :

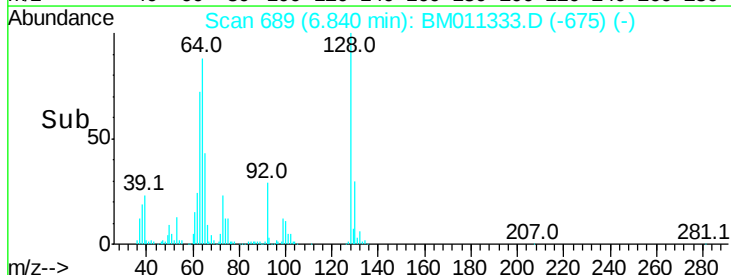
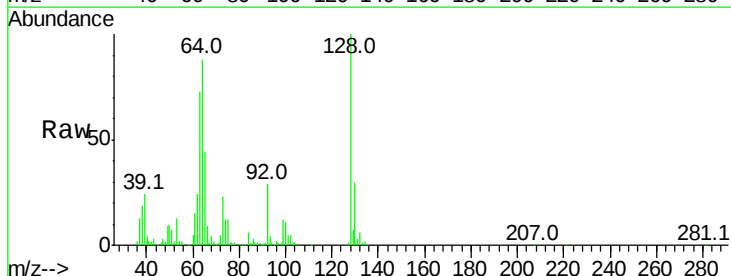
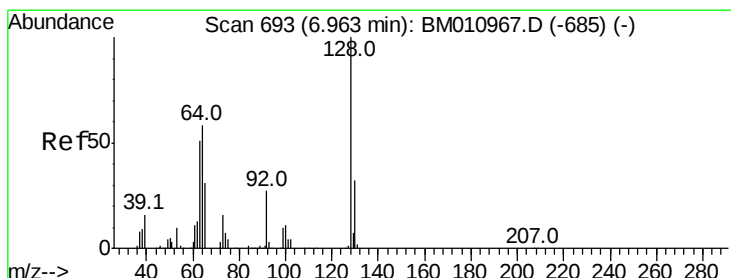
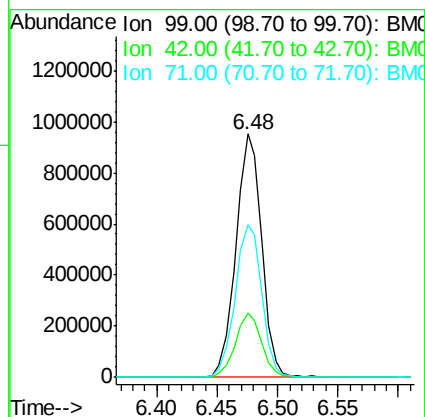
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#8

2-Chlorophenol

Concen: 40.314 ng

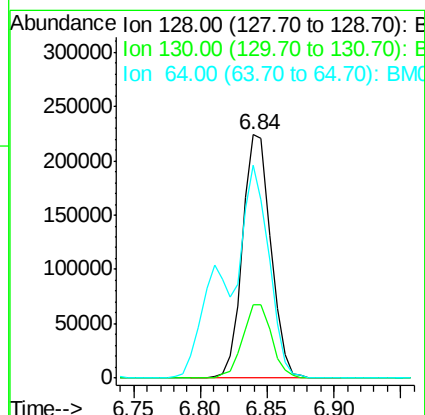
RT: 6.84 min Scan# 689

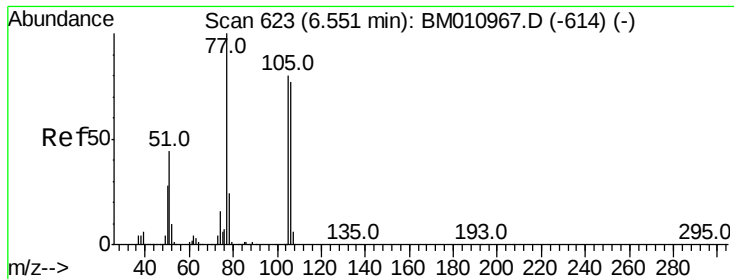
Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion	128	Resp	328731
Ion	Ratio	Lower	Upper
128	100		
130	30.4	12.0	52.0
64	87.7	24.9	64.9#





#9

Benzaldehyde

Concen: 43.113 ng

RT: 6.43 min Scan# 619

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

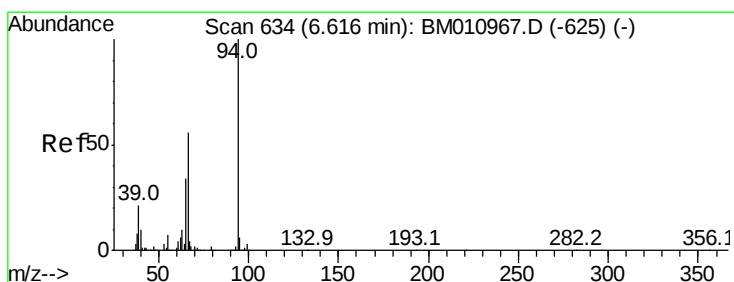
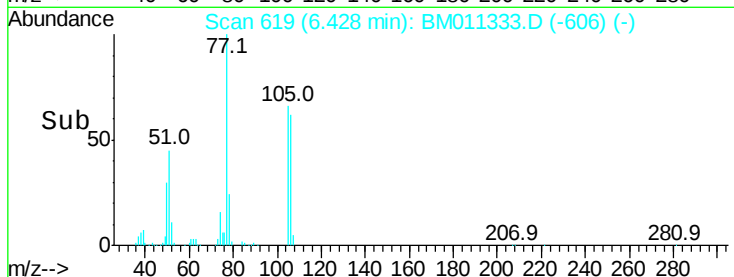
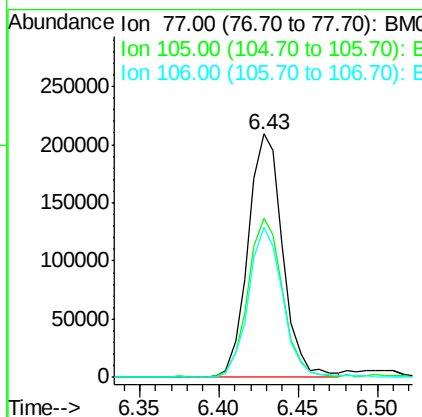
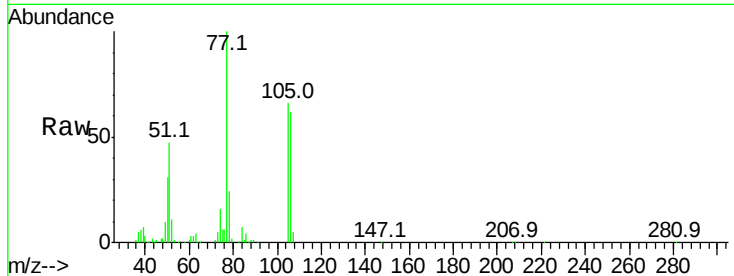
ClientSampleId :

HR-06-081817MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	65.5	78.8	118.8#	
106	61.7	73.7	113.7#	

Manual Integrations
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#10

Phenol

Concen: 39.261 ng

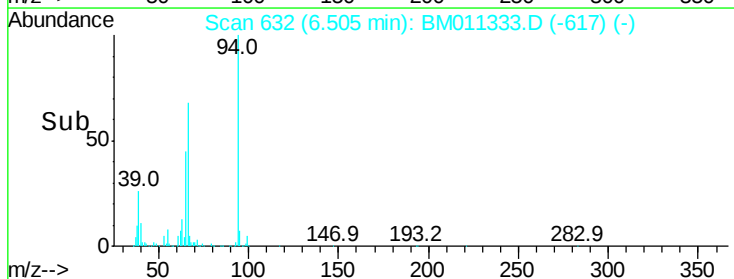
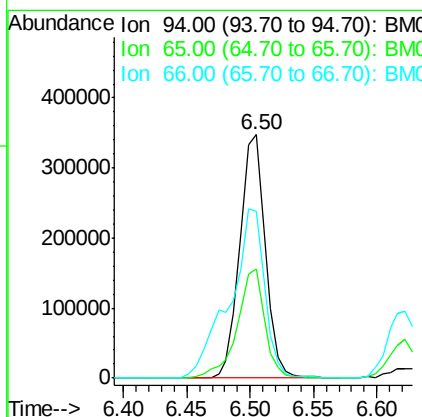
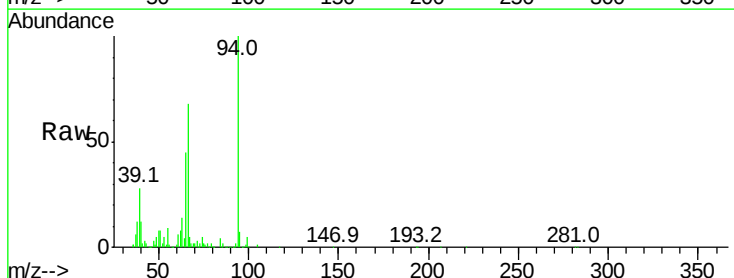
RT: 6.50 min Scan# 632

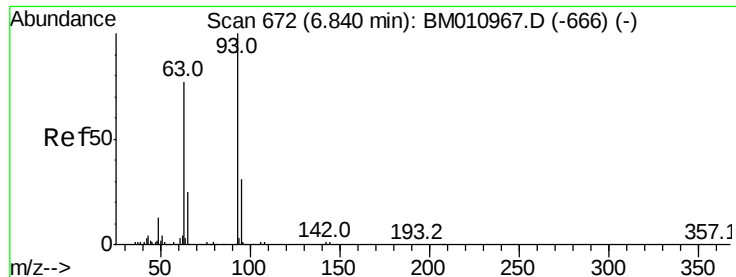
Delta R.T. -0.01 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	44.8	18.8	58.8	
66	68.3	39.9	79.9	





#11

bis(2-Chloroethyl)ether

Concen: 45.064 ng

RT: 6.72 min Scan# 669

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

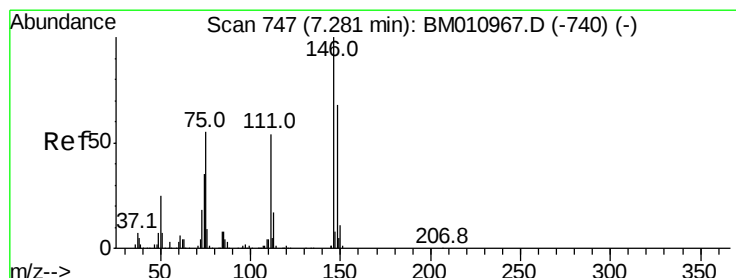
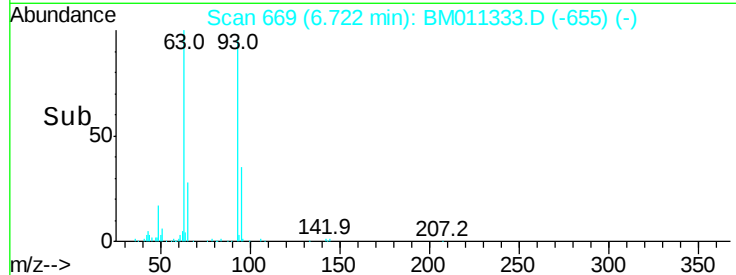
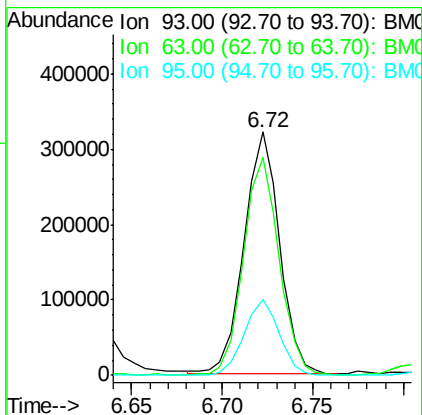
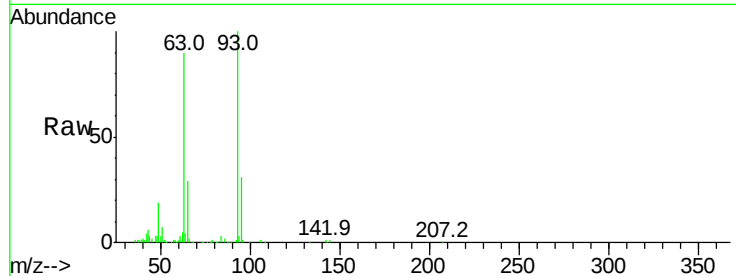
ClientSampleId :

HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	49.5	89.5#
95	31.3	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 38.041 ng

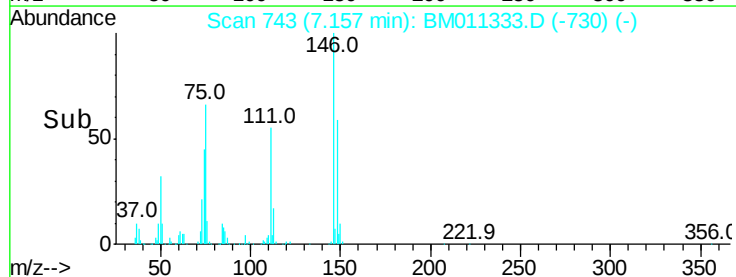
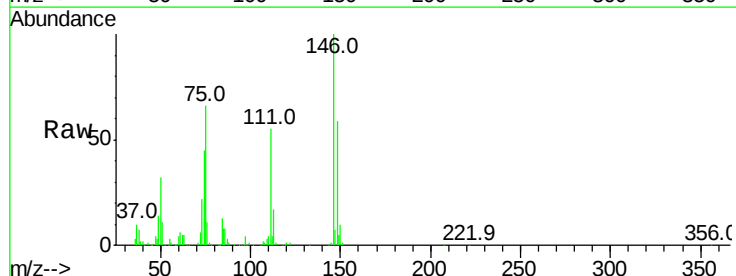
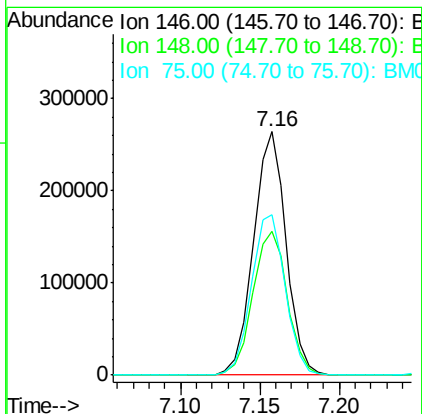
RT: 7.16 min Scan# 743

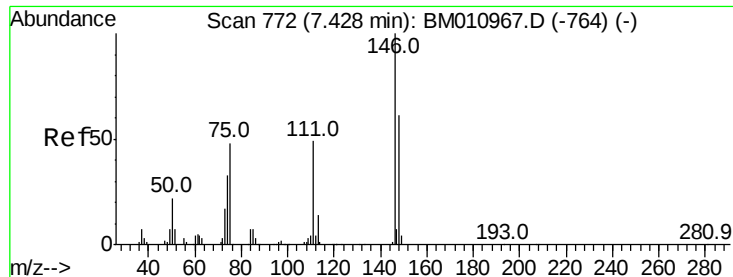
Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.3	50.9	76.3
75	65.9	21.4	32.2#





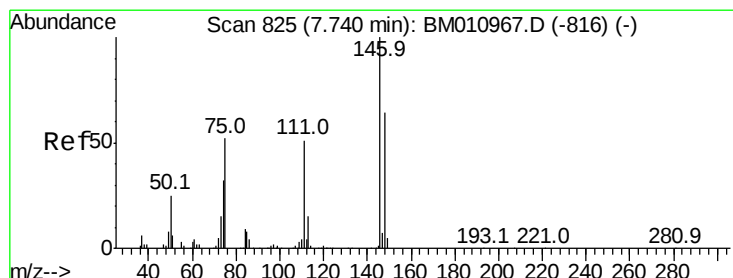
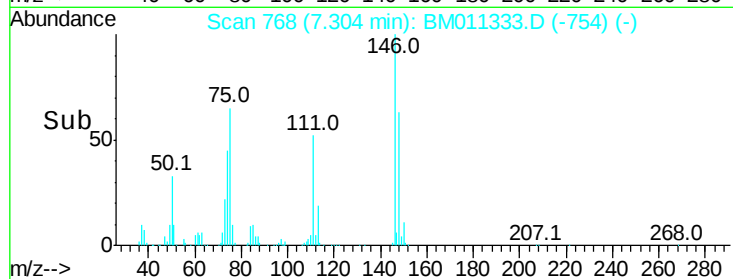
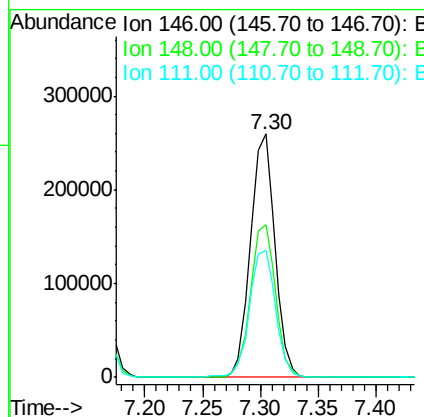
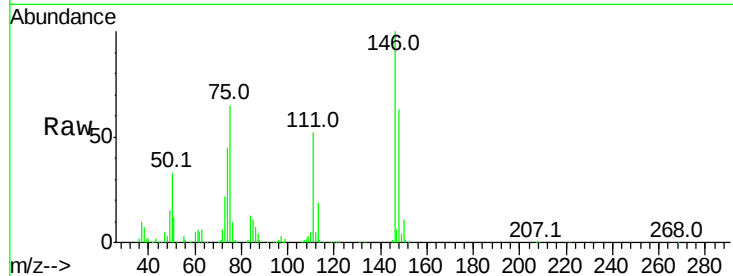
#13
 1,4-Dichlorobenzene
 Concen: 37.588 ng
 RT: 7.30 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.9	77.9
111	52.3	29.2	43.8

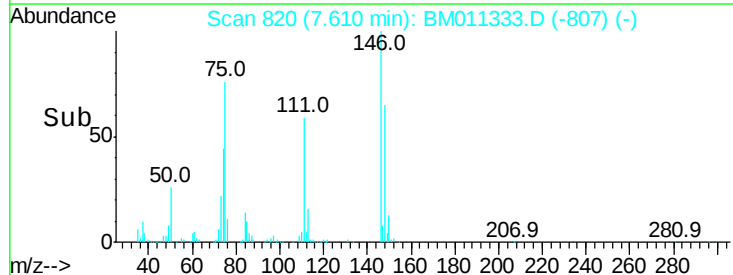
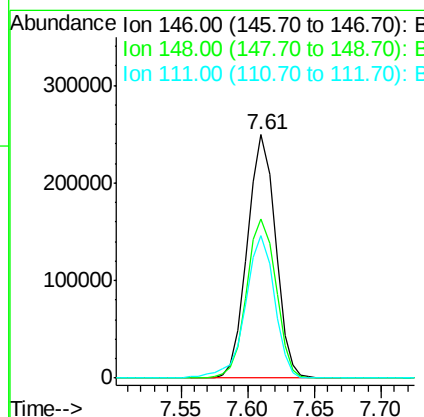
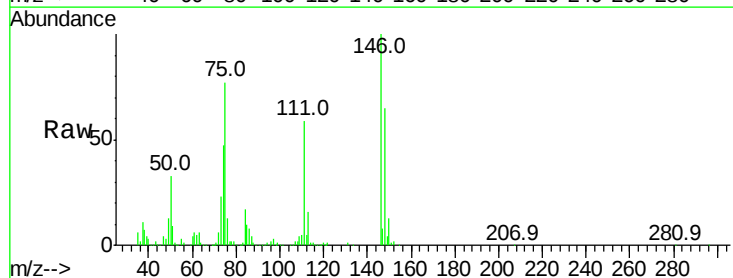
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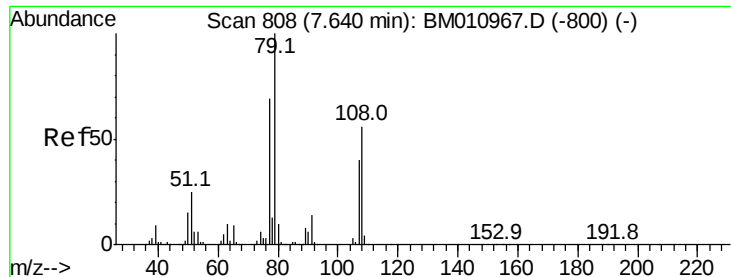
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#14
 1,2-Dichlorobenzene
 Concen: 37.277 ng
 RT: 7.61 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
111	58.7	30.6	45.8





#15

Benzyl Alcohol

Concen: 50.681 ng

RT: 7.52 min Scan# 805

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

Tot Ion: 79 Resp: 554819

Ion Ratio Lower Upper

79 100

108 43.8 65.0 97.4#

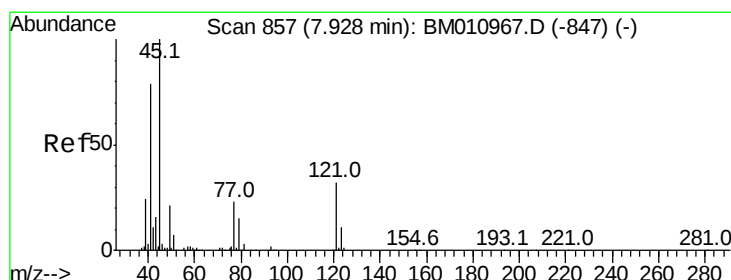
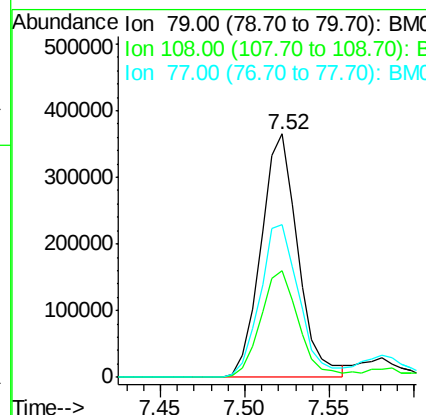
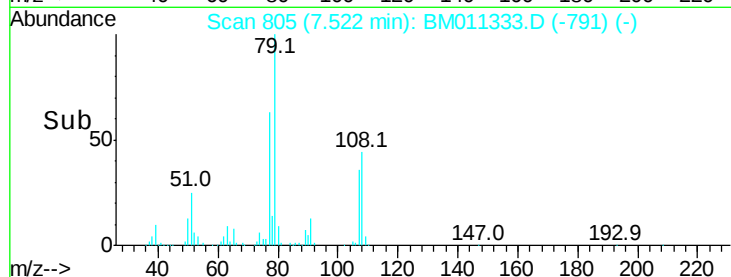
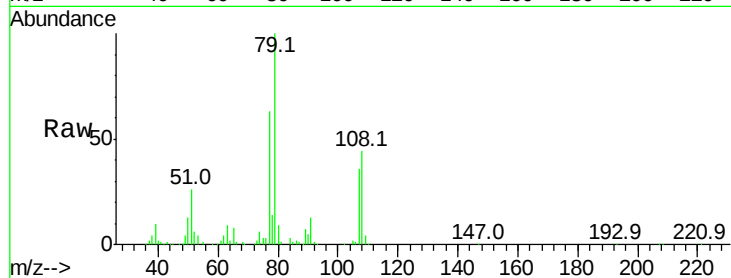
77 62.8 53.0 79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 53.690 ng

RT: 7.80 min Scan# 853

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

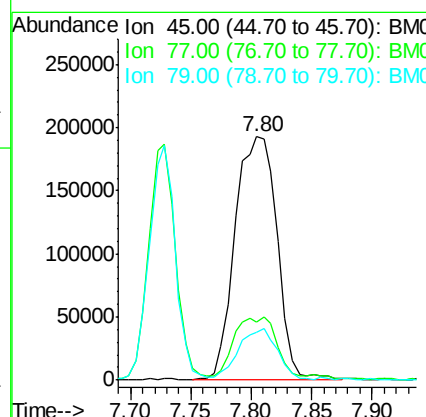
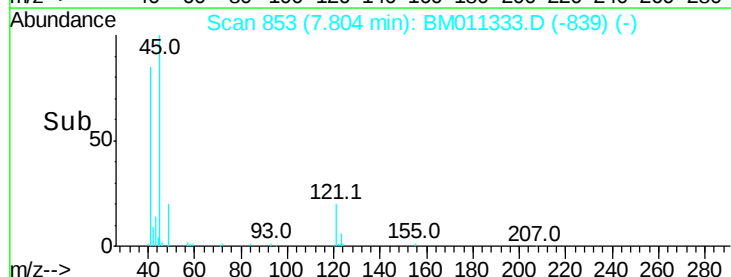
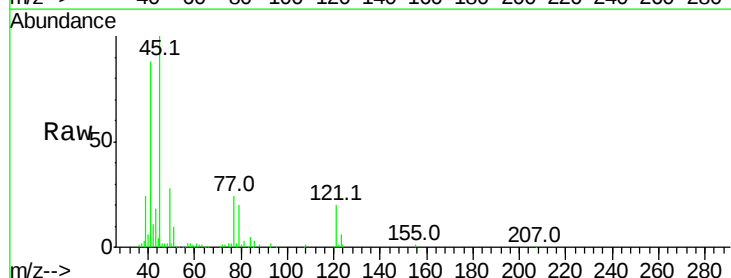
Tgt Ion: 45 Resp: 466591

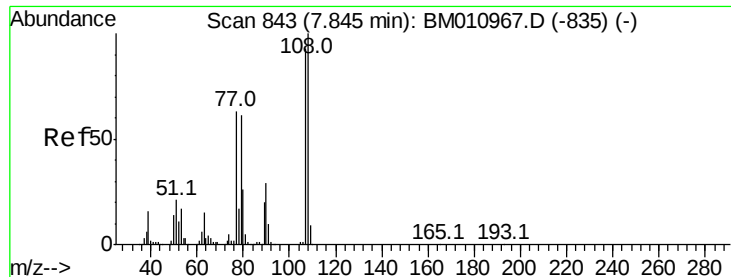
Ion Ratio Lower Upper

45 100

77 24.0 0.0 35.2

79 19.8 0.0 32.0





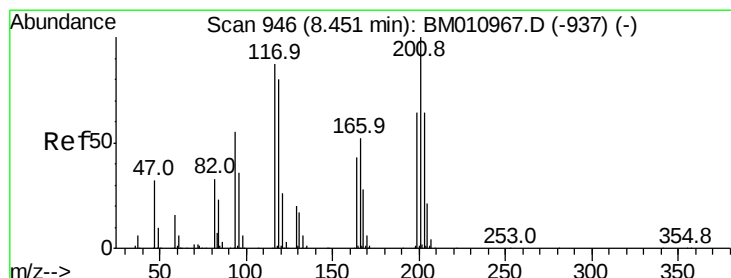
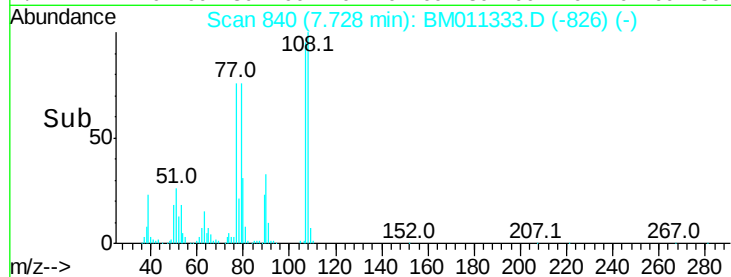
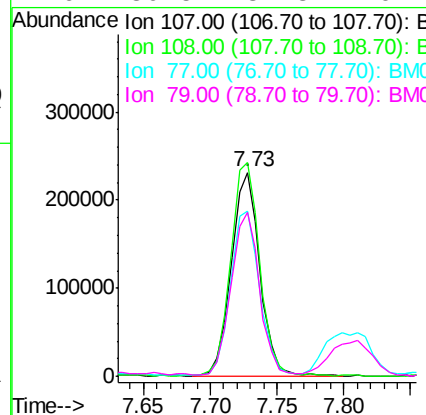
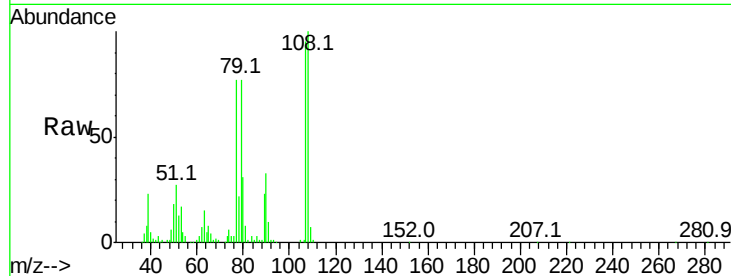
#17
2-Methylphenol
Concen: 43.800 ng
RT: 7.73 min Scan# 840
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.8	89.8	134.8	
77	80.8	32.6	48.8#	
79	80.5	32.8	49.2#	

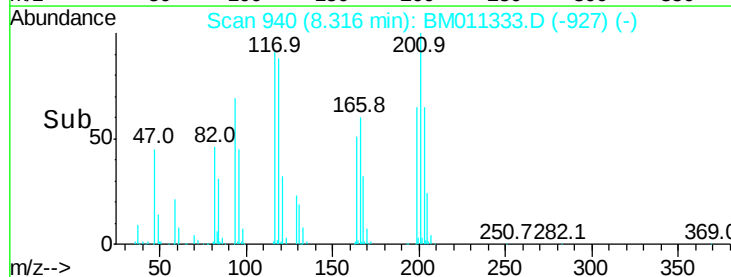
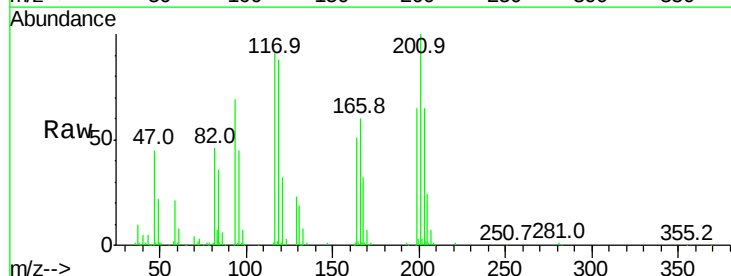
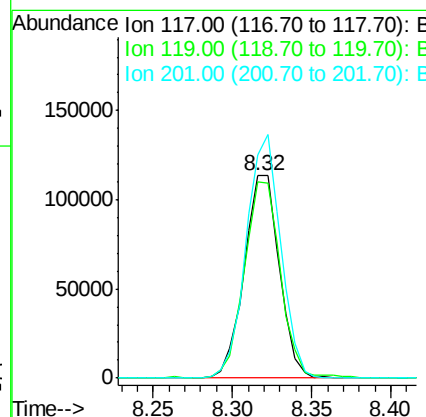
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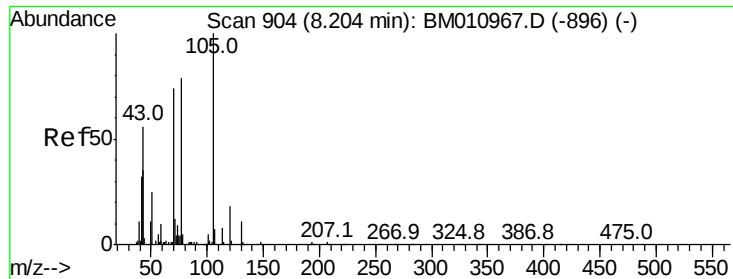
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#18
Hexachloroethane
Concen: 39.421 ng
RT: 8.32 min Scan# 940
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	79.2	118.8	
201	110.3	69.8	104.6#	





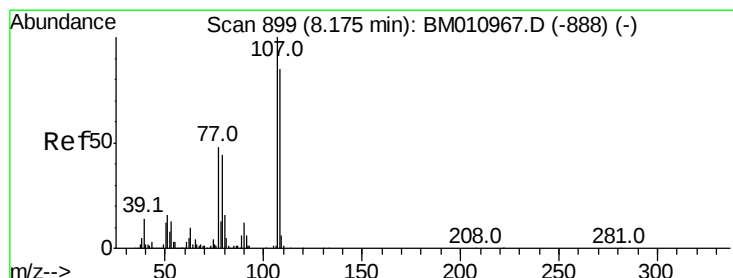
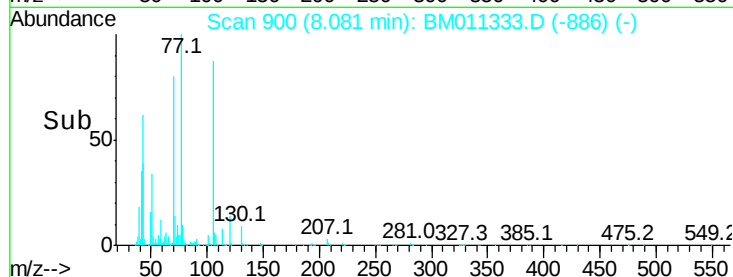
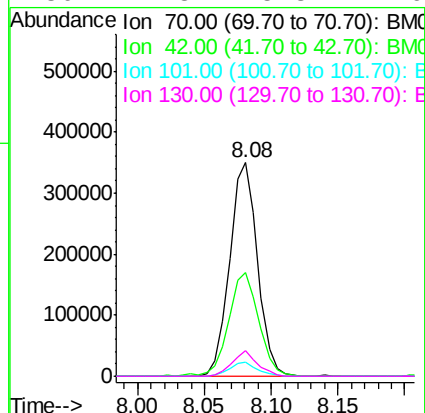
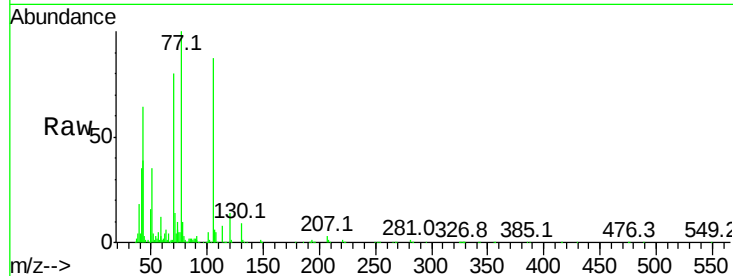
#19
n-Nitroso-di-n-propylamine
Concen: 52.687 ng
RT: 8.08 min Scan# 900
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.4	44.5	66.7		
101	6.7	7.4	11.2#		
130	11.8	15.3	22.9#		

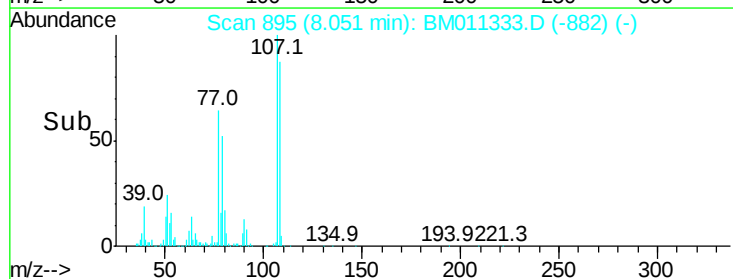
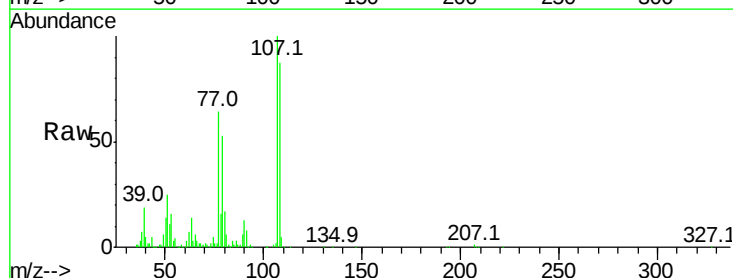
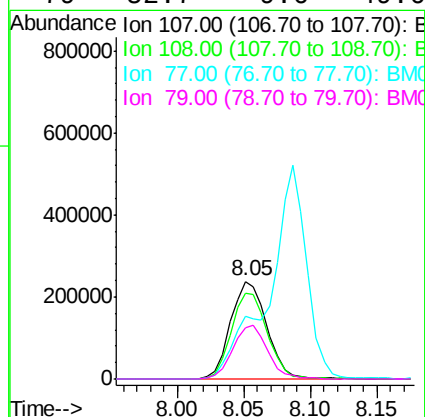
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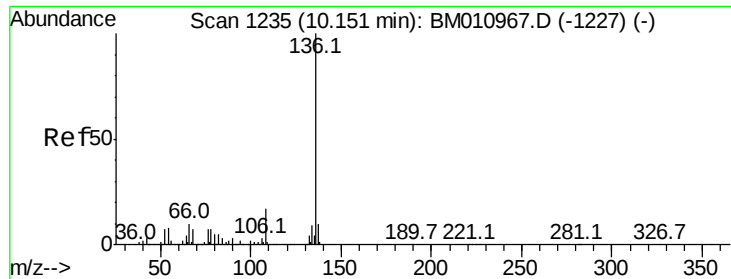
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#20
3+4-Methylphenols
Concen: 40.712 ng
RT: 8.05 min Scan# 895
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.4	73.2	113.2		
77	64.1	10.7	50.7#		
79	52.7	9.6	49.6#		





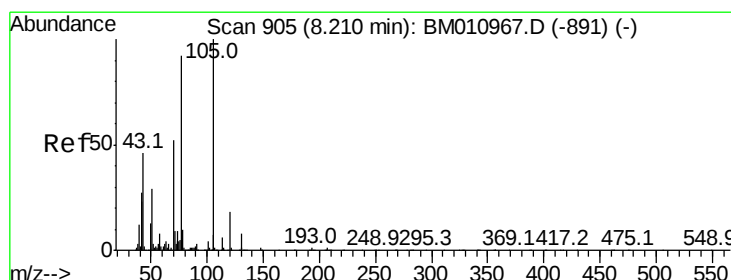
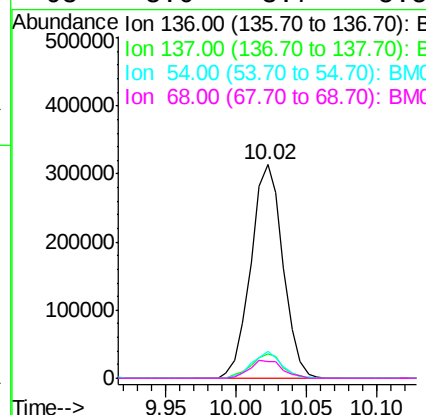
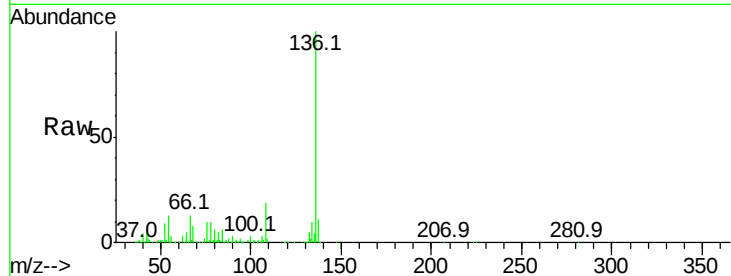
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.7	13.1	
54	12.6	4.6	6.8#	
68	8.0	3.7	5.5#	

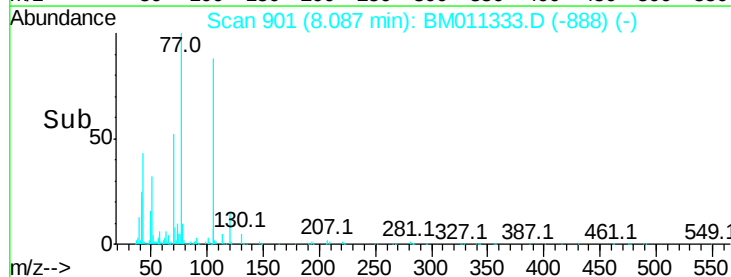
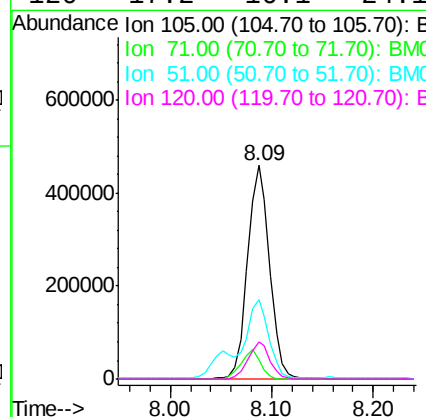
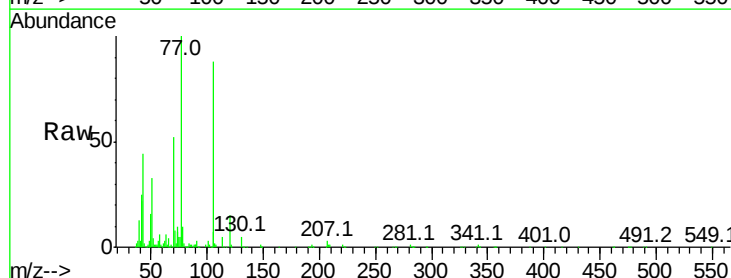
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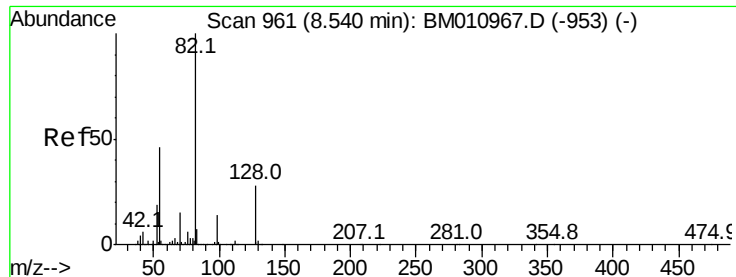
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#22
Acetophenone
Concen: 46.159 ng
RT: 8.09 min Scan# 901
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.9	0.6	1.0#	
51	37.3	21.6	32.4#	
120	17.2	16.1	24.1	





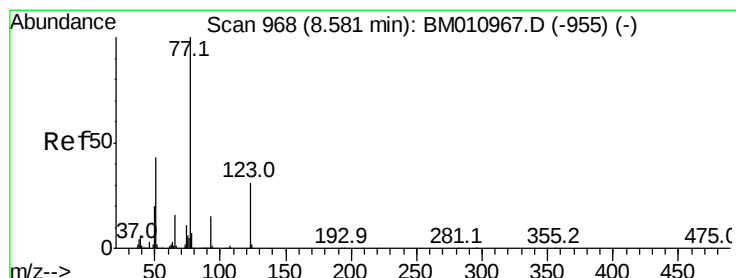
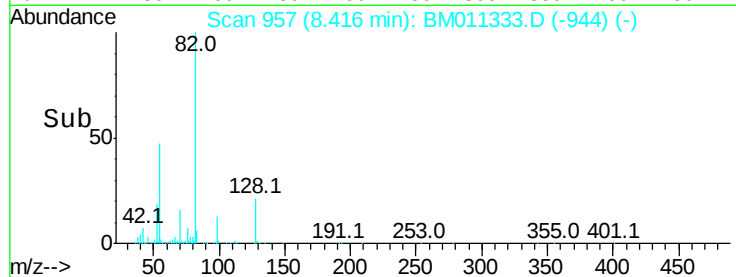
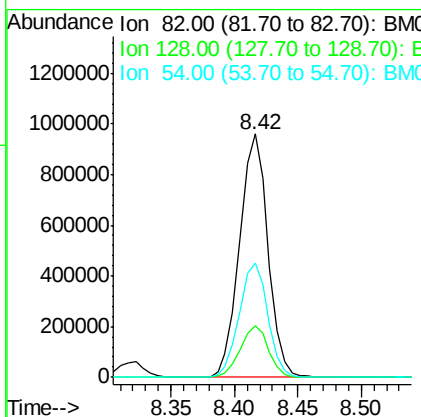
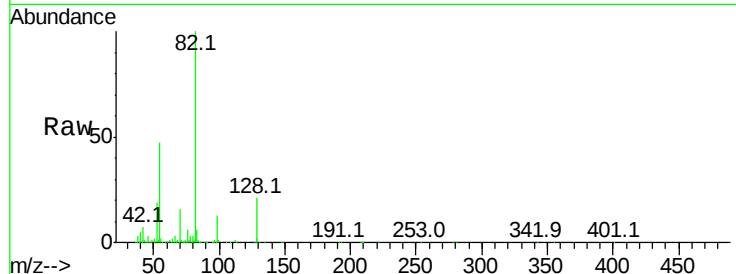
#23
 Nitrobenzene-d5
 Concen: 111.734 ng
 RT: 8.42 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Tot Ion: 82 Resp: 1491654
 Ion Ratio Lower Upper
 82 100
 128 21.0 32.8 49.2#
 54 46.7 40.6 60.8

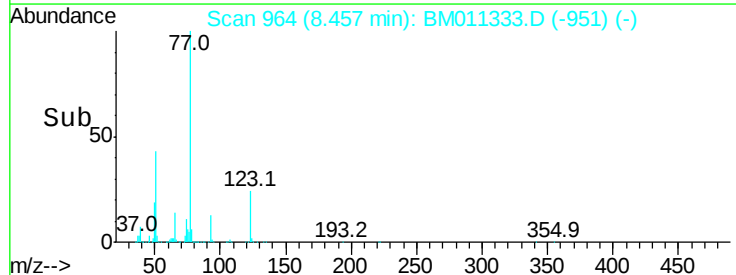
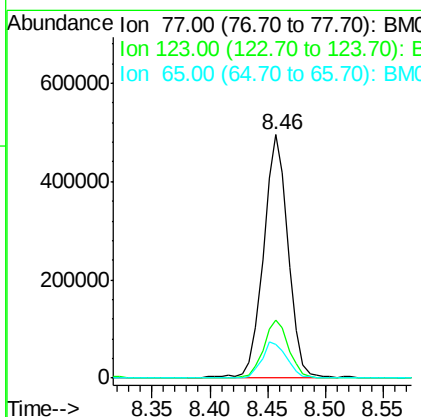
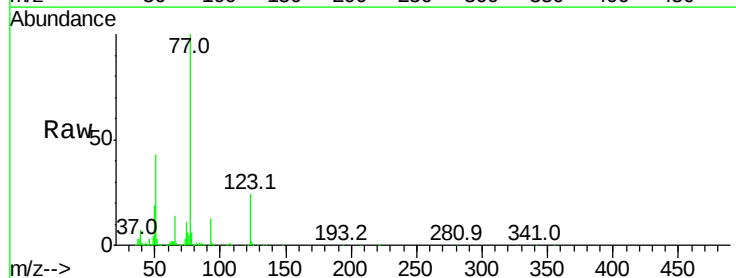
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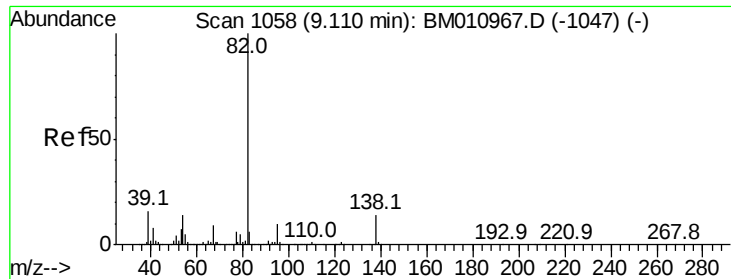
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#24
 Nitrobenzene
 Concen: 53.356 ng
 RT: 8.46 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion: 77 Resp: 738119
 Ion Ratio Lower Upper
 77 100
 123 23.8 32.6 49.0#
 65 13.7 10.9 16.3





#25

Isophorone

Concen: 53.382 ng

RT: 8.98 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

Tot Ion: 82 Resp: 1188223

Ion Ratio Lower Upper

82 100

95 8.8 5.8 8.6#

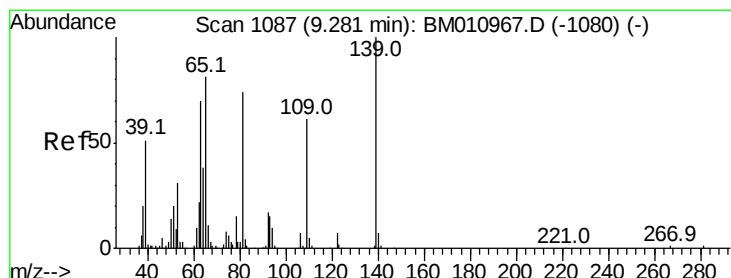
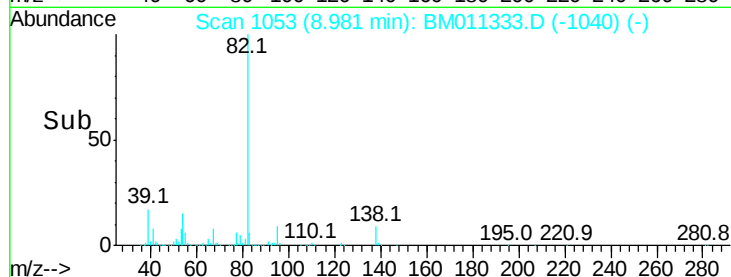
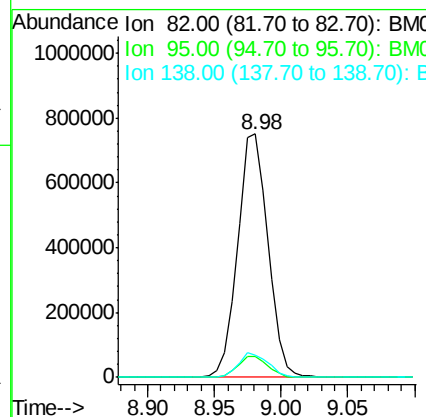
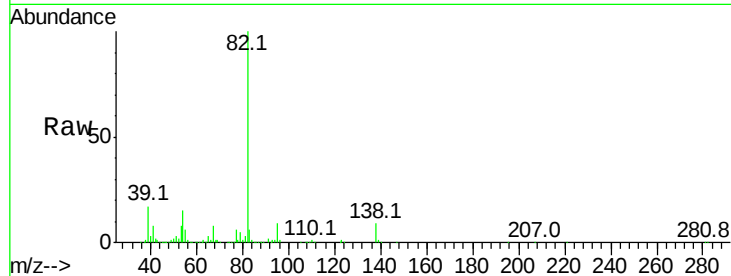
138 9.3 16.3 24.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.446 ng

RT: 9.16 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

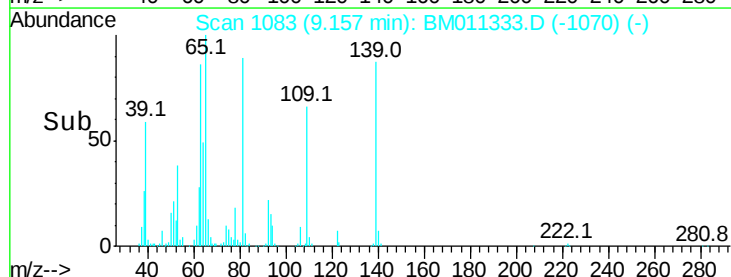
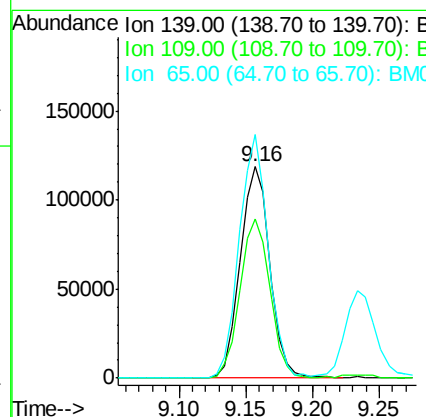
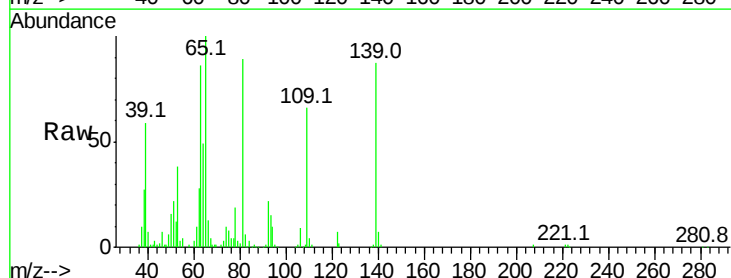
Tgt Ion: 139 Resp: 182434

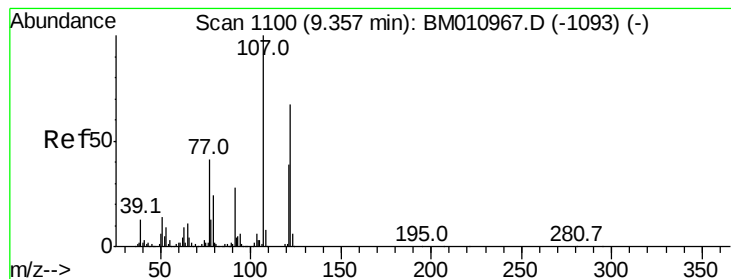
Ion Ratio Lower Upper

139 100

109 75.7 20.1 30.1#

65 115.3 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 42.767 ng

RT: 9.23 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

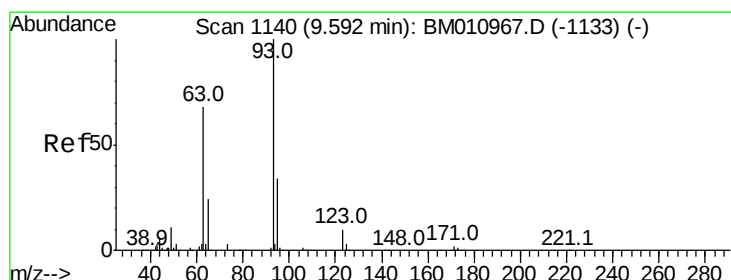
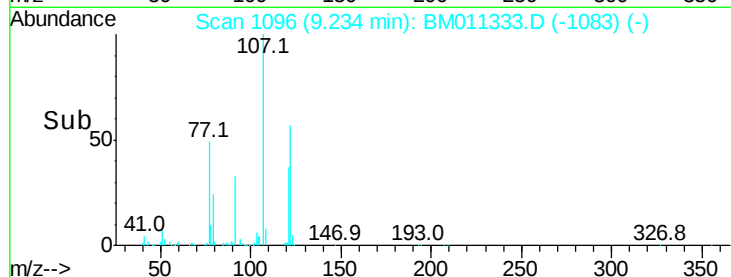
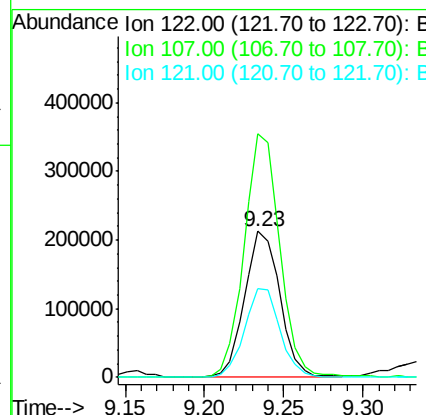
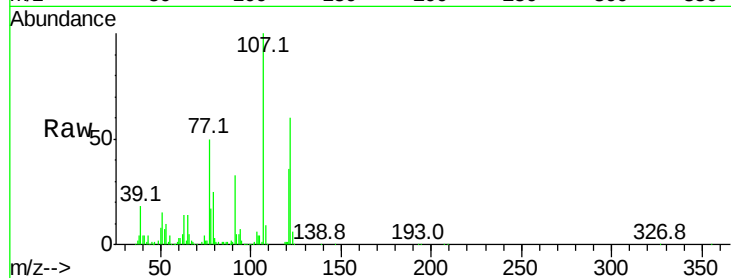
ClientSampleId :

HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	167.1	84.7	127.1#
121	60.9	46.6	69.8

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#28

bis(2-Chloroethoxy)methane

Concen: 48.784 ng

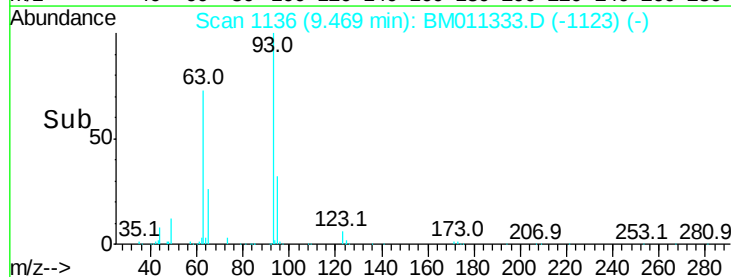
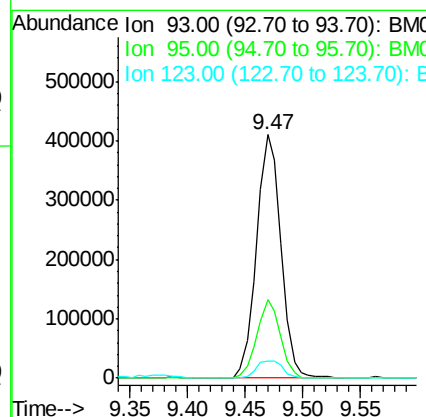
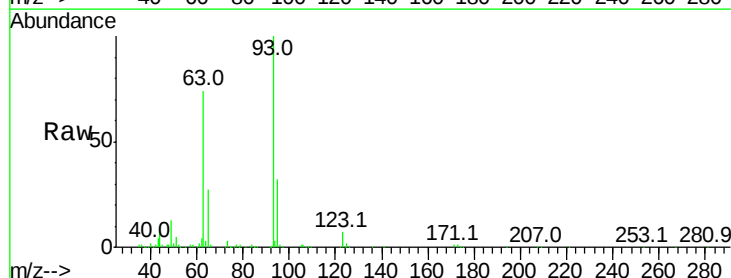
RT: 9.47 min Scan# 1136

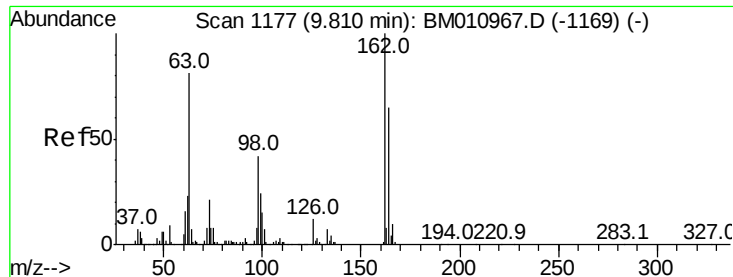
Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	7.0	8.6	13.0#





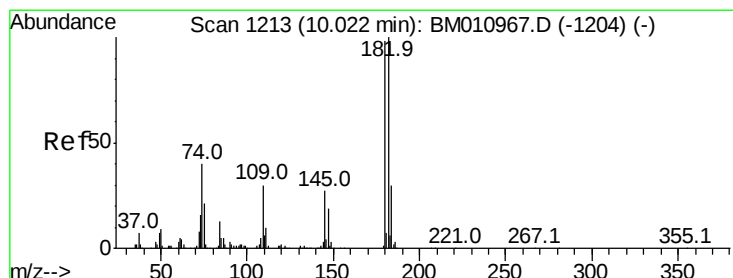
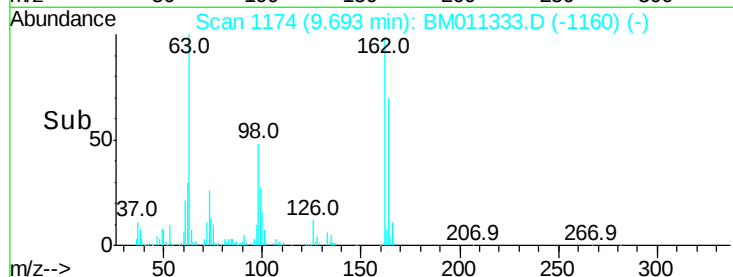
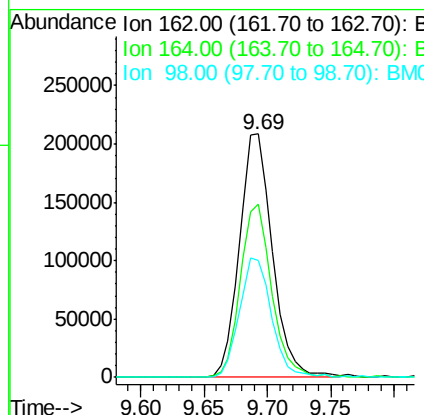
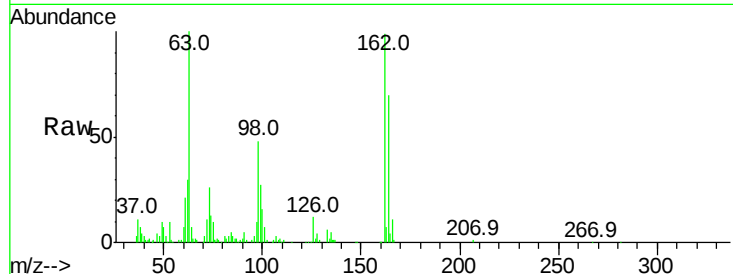
#29
 2,4-Dichlorophenol
 Concen: 43.179 ng
 RT: 9.69 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	375973		
164	71.0		42.8	82.8
98	47.9		14.5	54.5

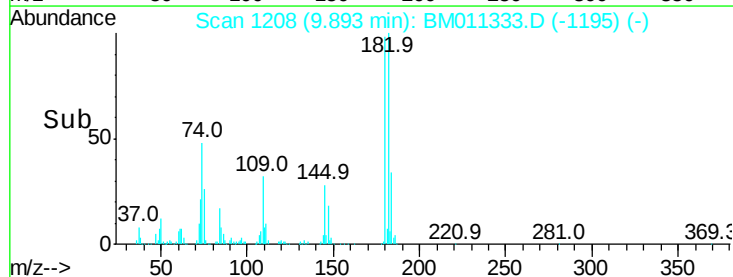
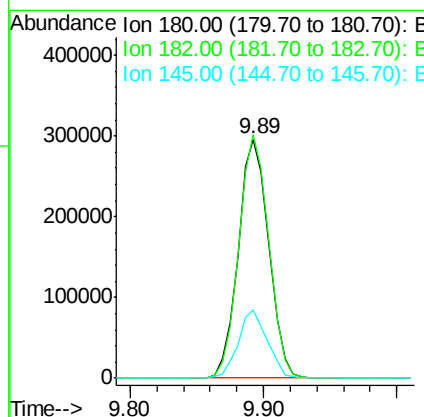
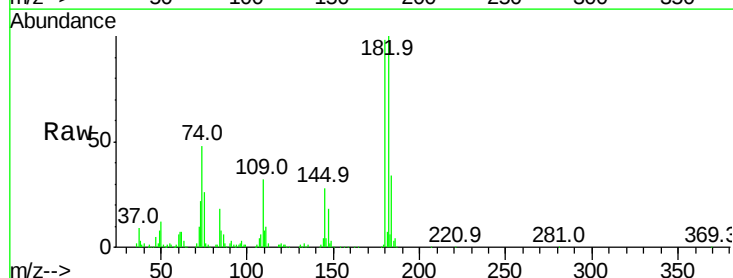
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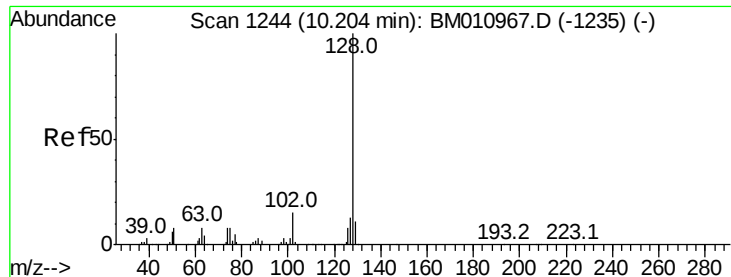
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.312 ng
 RT: 9.89 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	466302		
182	101.8		77.6	116.4
145	28.6		23.4	35.2





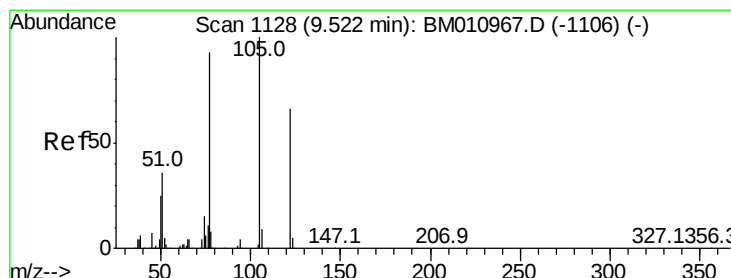
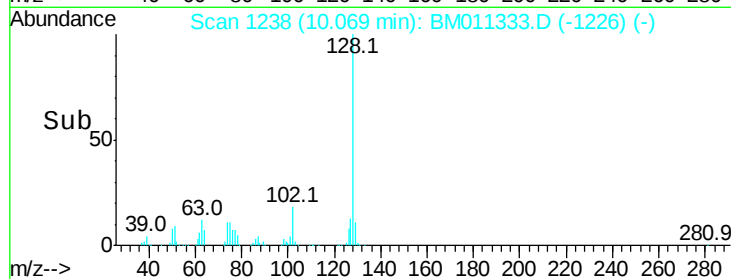
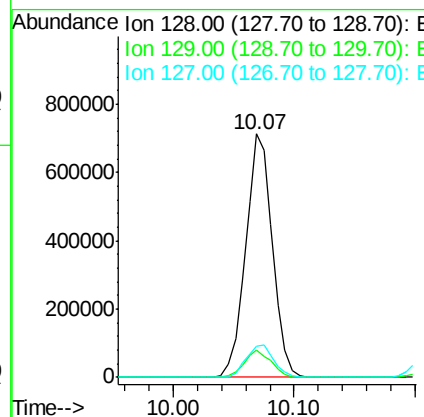
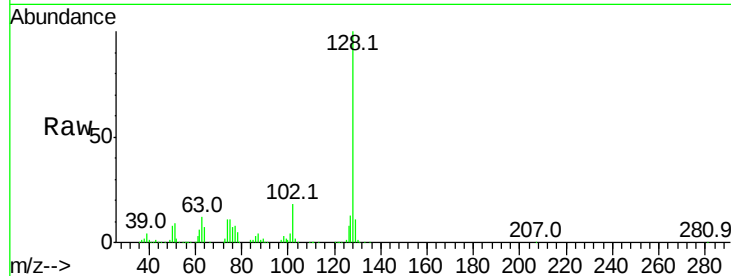
#31
Naphthalene
Concen: 43.587 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.03 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.8	10.4	15.6

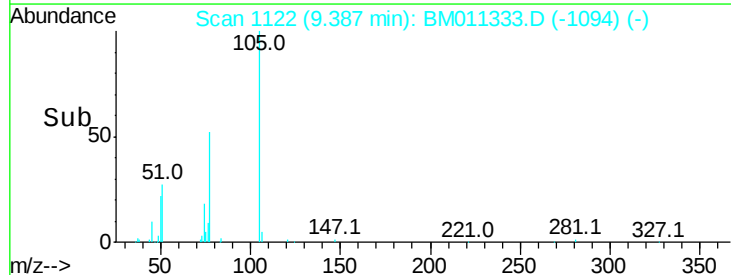
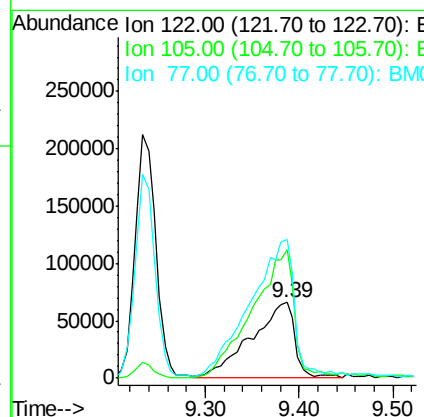
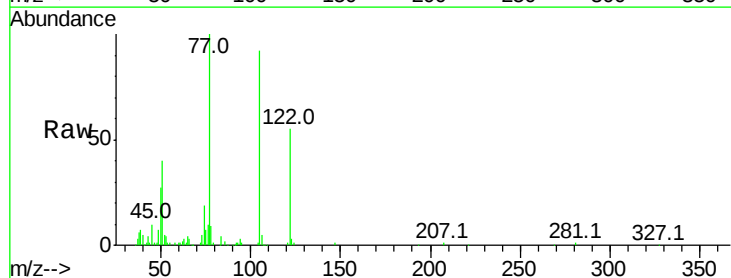
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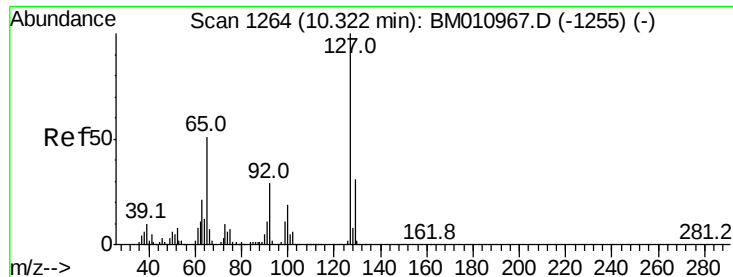
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#32
Benzoic acid
Concen: 33.470 ng
RT: 9.39 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	169.4	99.9	139.9#
77	183.5	73.7	113.7#





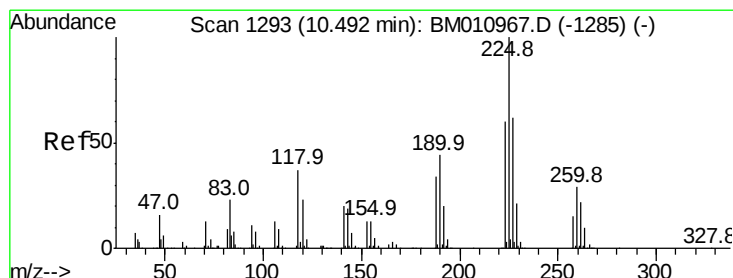
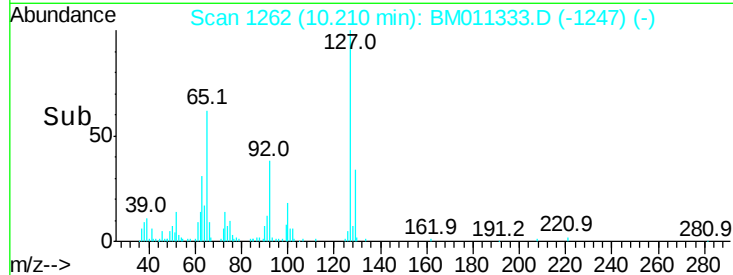
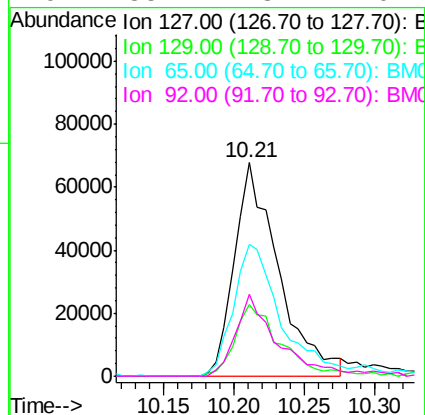
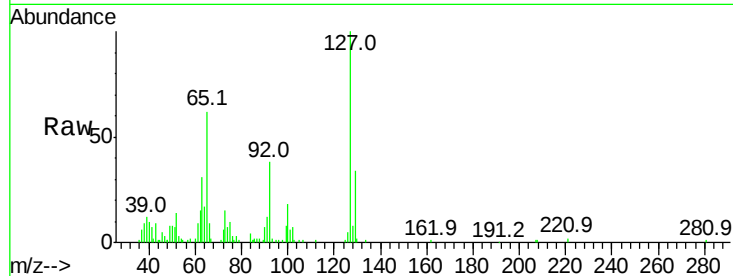
#33
4-Chloroaniline
Concen: 14.754 ng
RT: 10.21 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampled :
HR-06-081817MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.7	25.3	37.9	
65	61.7	17.6	26.4	
92	38.2	13.1	19.7	

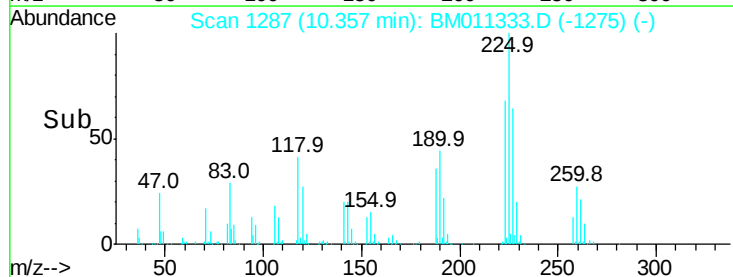
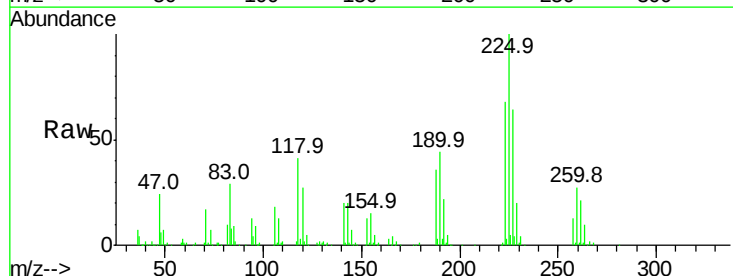
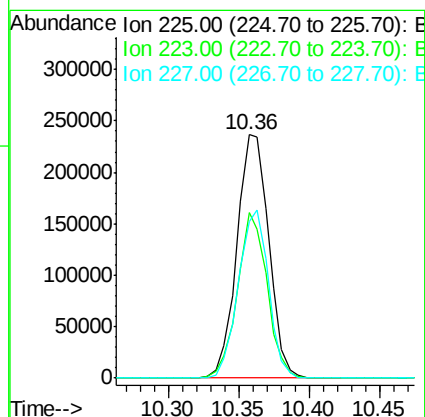
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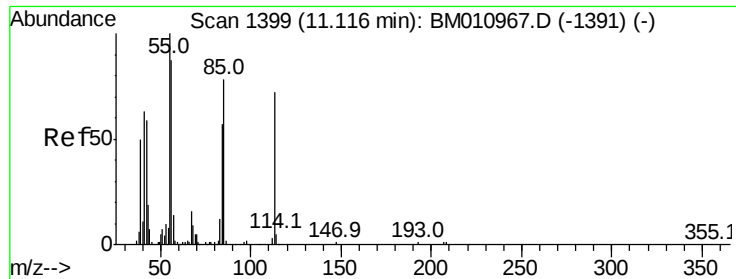
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#34
Hexachlorobutadiene
Concen: 43.870 ng
RT: 10.36 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	68.3	47.9	71.9	
227	64.3	50.1	75.1	





#35

Caprolactam

Concen: 35.509 ng/mL

RT: 11.00 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

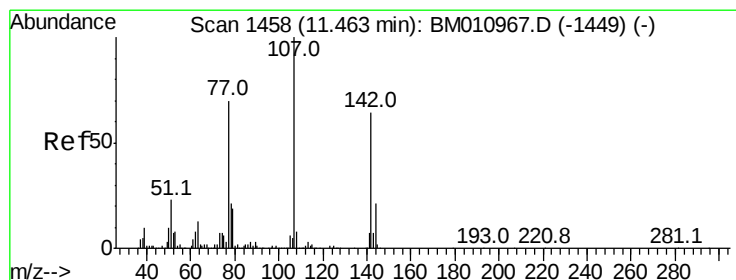
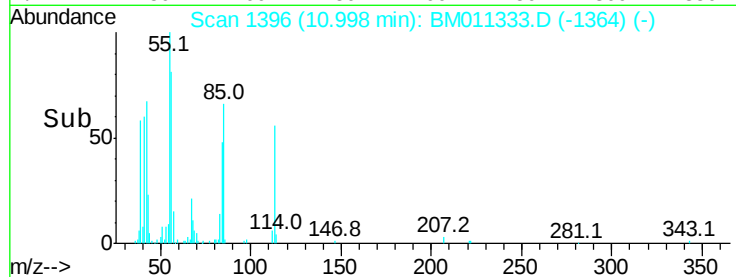
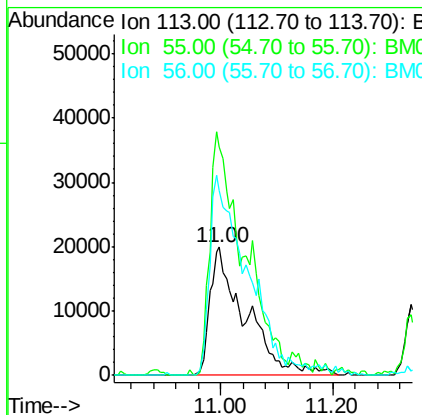
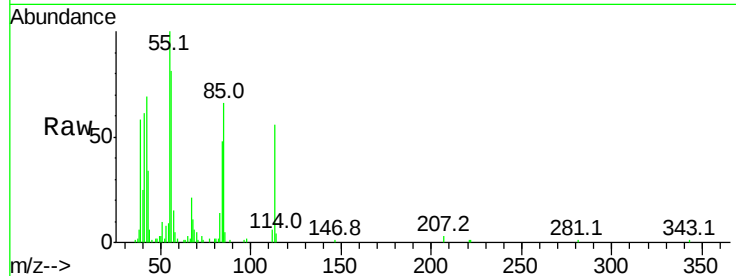
ClientSampleId :

HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.6	145.9	185.9
56	144.7	101.0	141.0

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#36

4-Chloro-3-methylphenol

Concen: 43.602 ng/mL

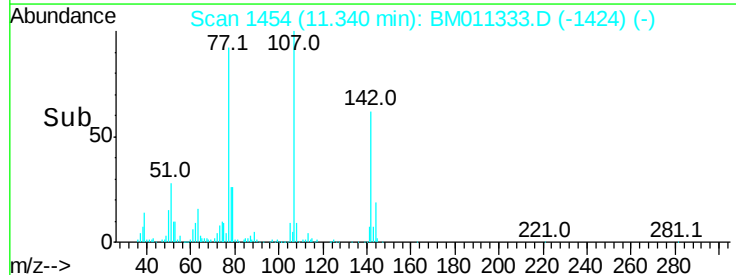
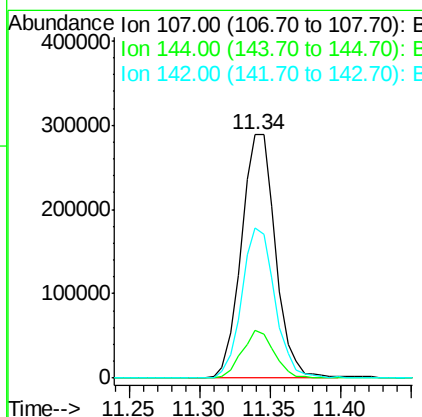
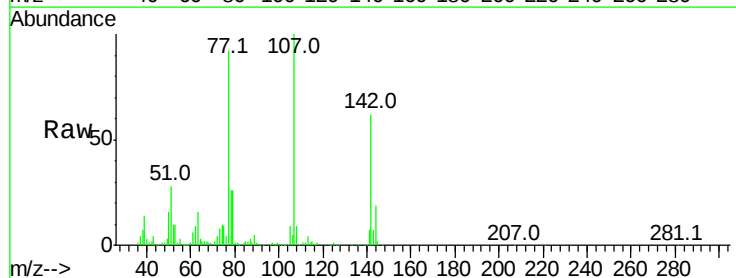
RT: 11.34 min Scan# 1454

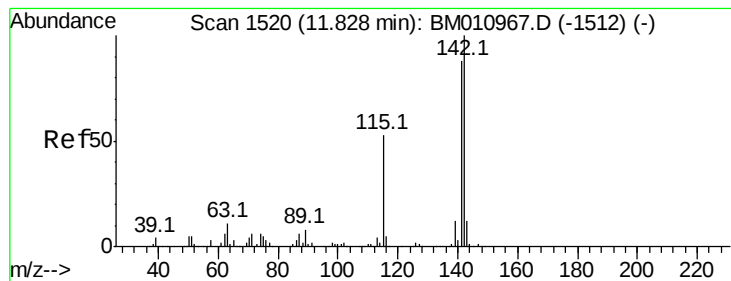
Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	19.5	23.3	34.9
142	61.9	72.6	109.0





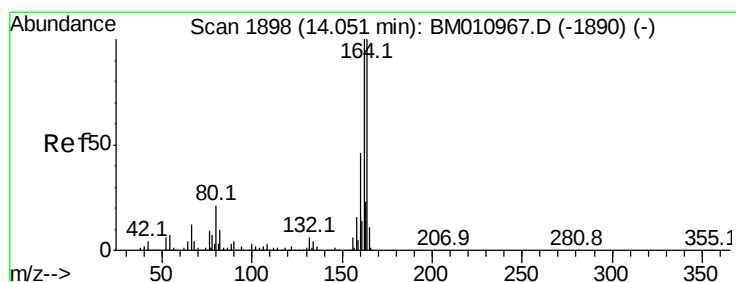
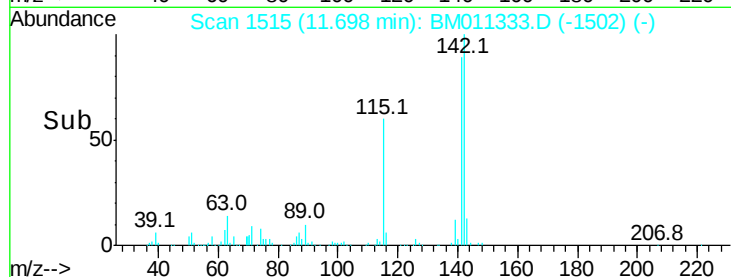
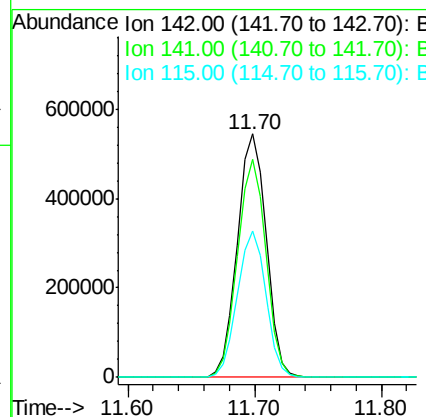
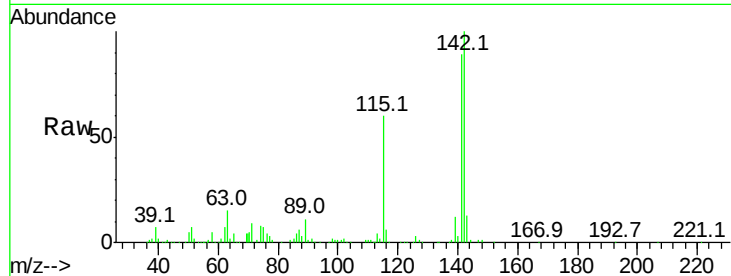
#37
2-Methylnaphthalene
Concen: 46.468 ng
RT: 11.70 min Scan# 1515
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	60.1	25.4	38.0

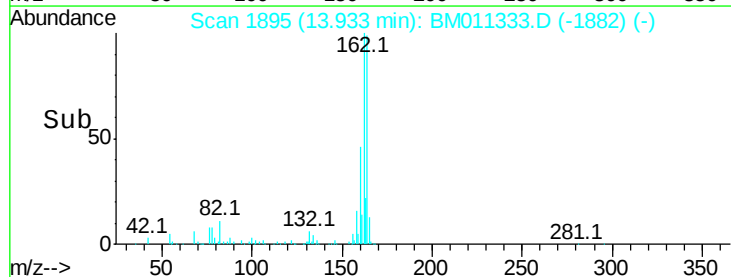
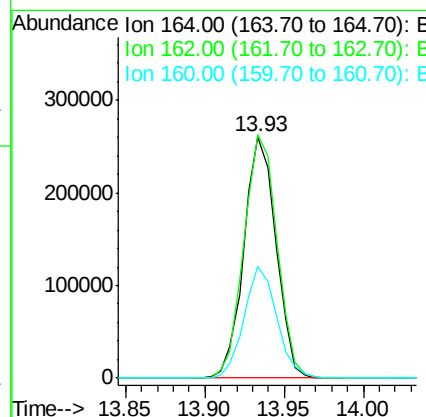
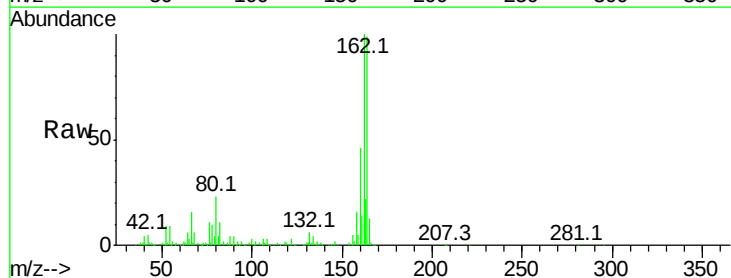
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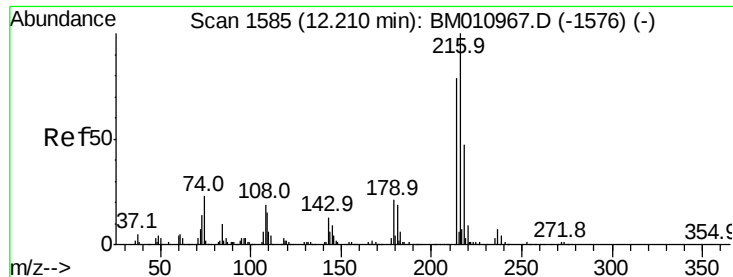
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.93 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.4	123.6
160	46.3	35.8	53.6





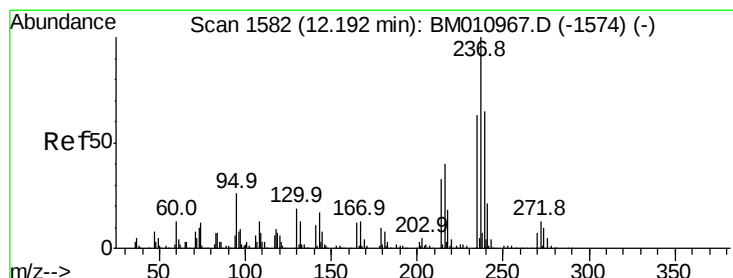
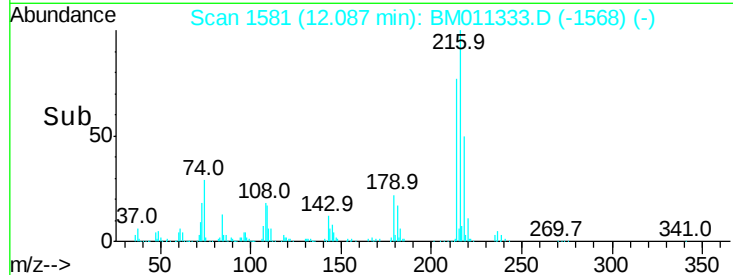
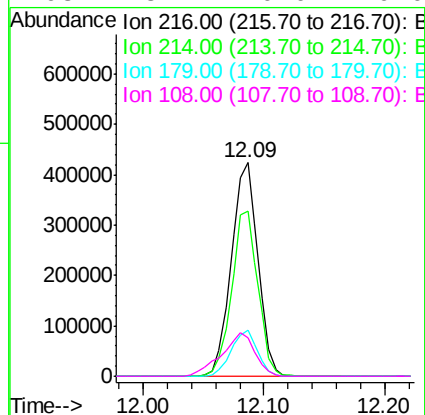
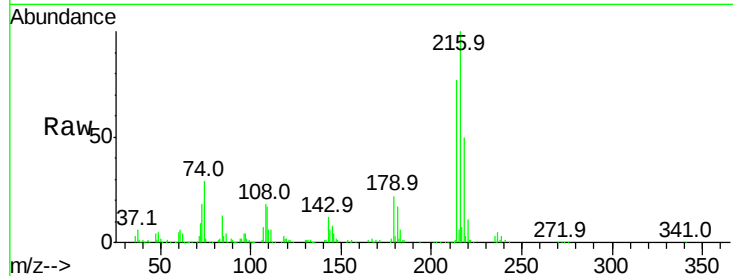
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.235 ng
 RT: 12.09 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	647026		
214	76.3	0.0	0.0	0.0#
179	21.1	0.0	0.0	0.0#
108	25.4	0.0	0.0	0.0#

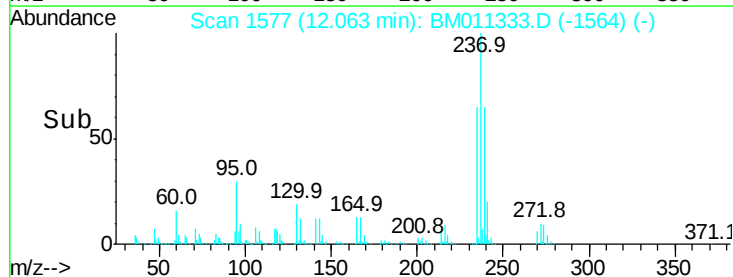
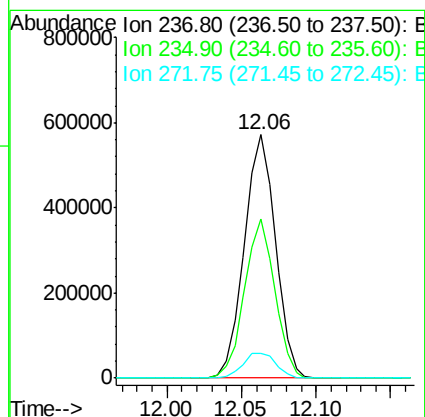
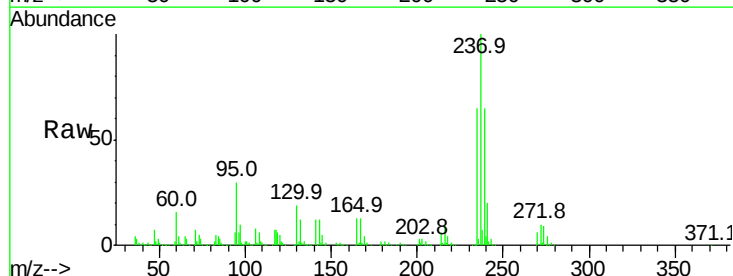
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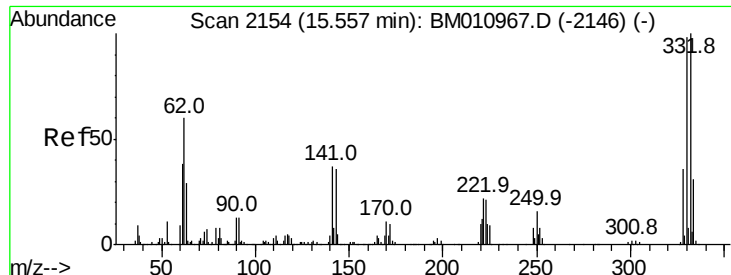
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#40
 Hexachlorocyclopentadiene
 Concen: 90.284 ng
 RT: 12.06 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	825476		
235	65.5	42.0	82.0	
272	10.4	0.0	33.4	





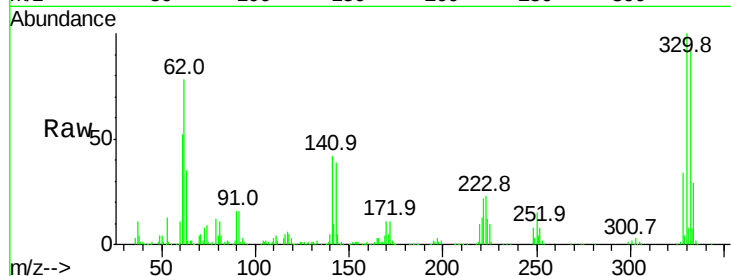
#41
 2,4,6-Tribromophenol
 Concen: 137.779 ng
 RT: 15.45 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

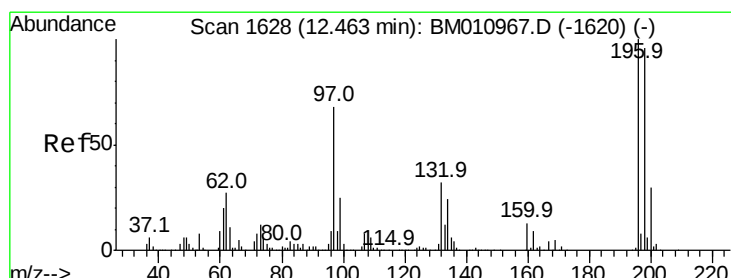
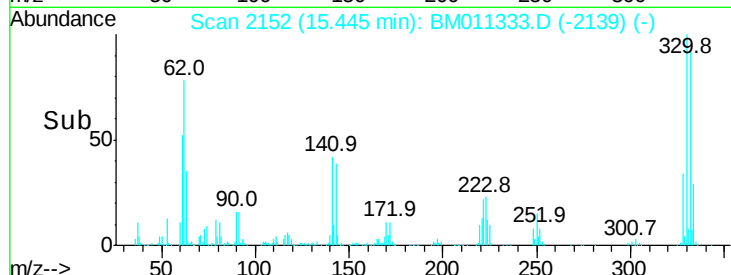
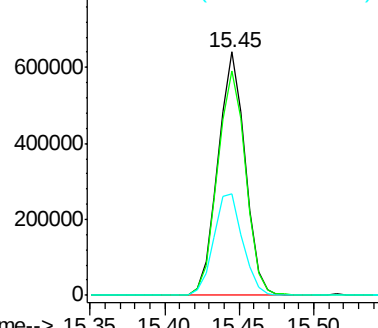
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	0.0	0.0	0.0
141	45.0	0.0	0.0	0.0

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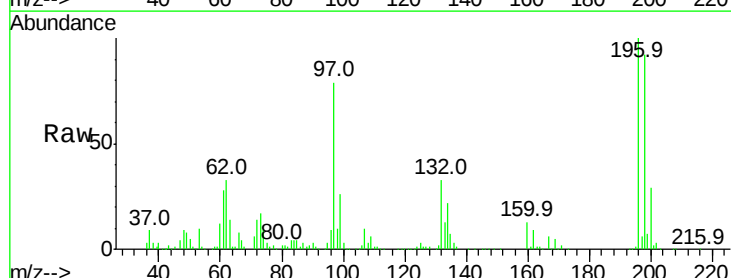


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

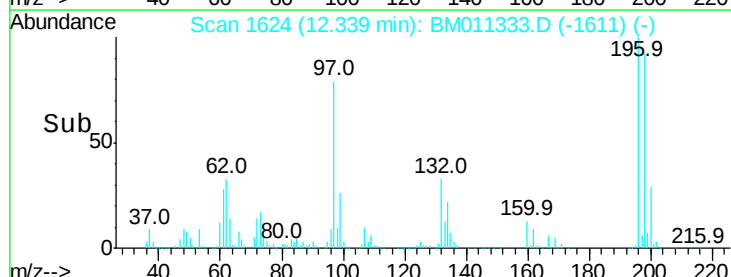
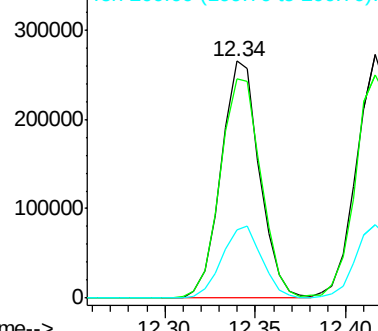


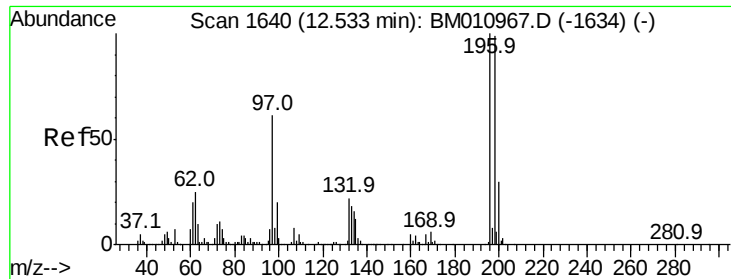
#42
 2,4,6-Trichlorophenol
 Concen: 41.204 ng
 RT: 12.34 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.3	76.3	114.5	
200	28.8	25.6	38.4	



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





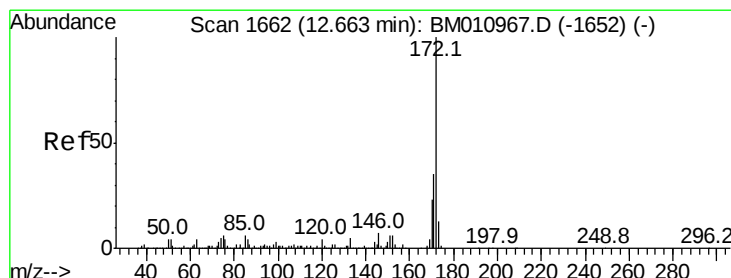
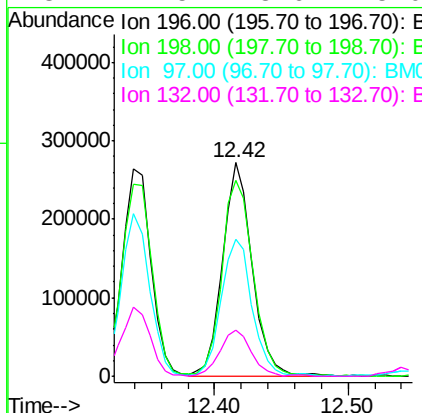
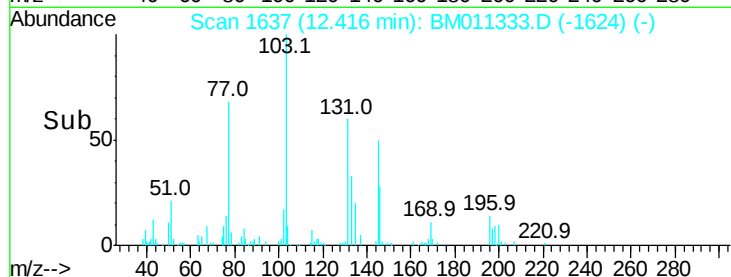
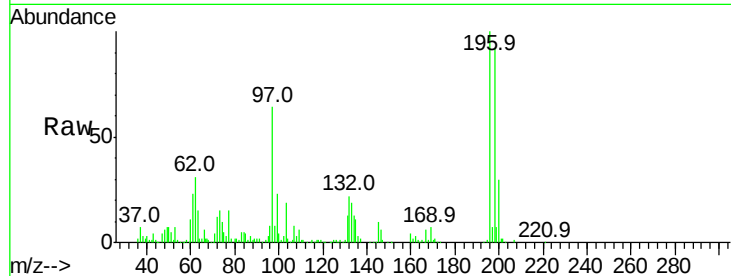
#43
 2,4,5-Trichlorophenol
 Concen: 43.159 ng
 RT: 12.42 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	422171		
198	91.5	79.4	119.0	
97	64.2	26.8	40.2#	
132	21.5	18.6	28.0	

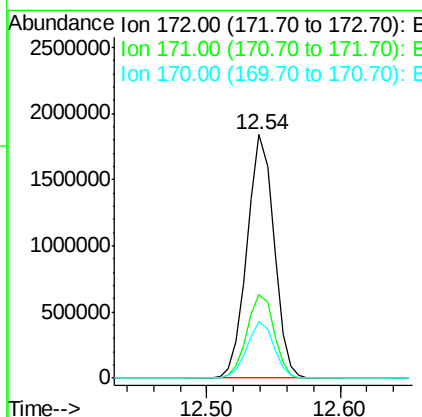
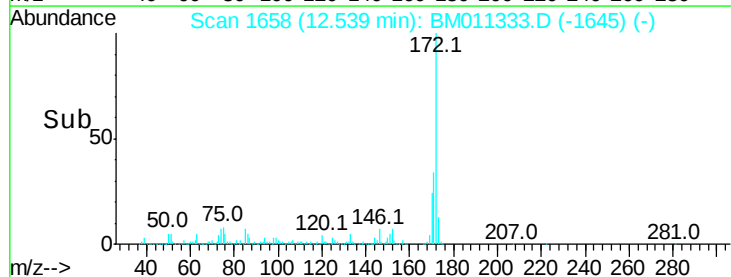
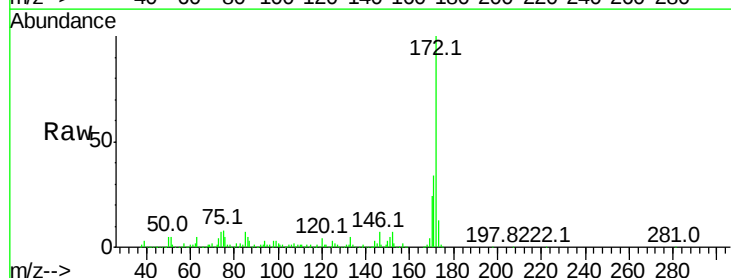
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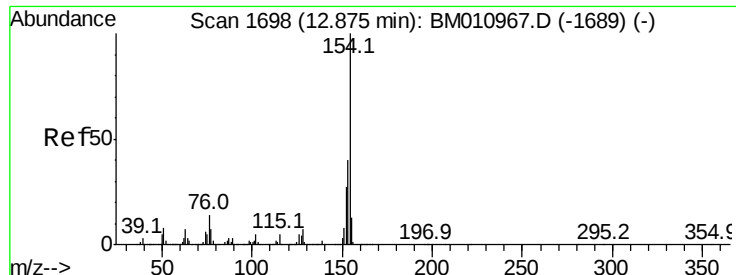
Sohil
 8/23/2017 7:21:32 PM



#44
 2-Fluorobiphenyl
 Concen: 87.752 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2555475		
171	34.3	28.5	42.7	
170	23.5	18.8	28.2	





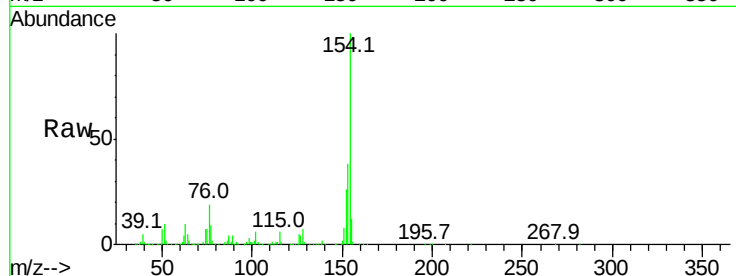
#45
 1,1'-Biphenyl
 Concen: 38.402 ng
 RT: 12.75 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

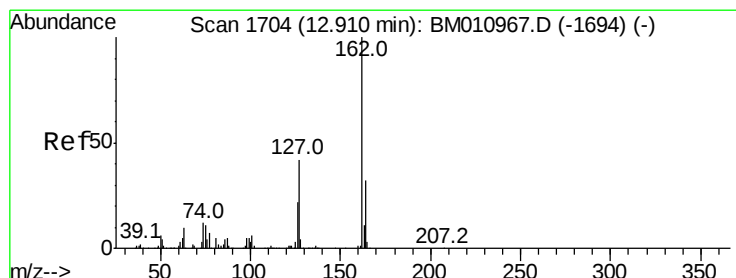
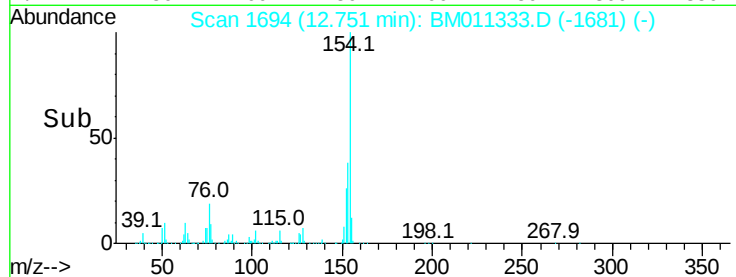
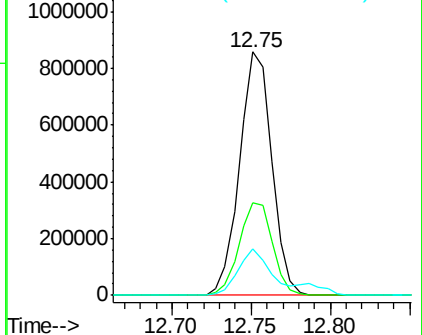
Tot Ion	154	Resp	1212729
Ion	Ratio	Lower	Upper
154	100		
153	37.8	20.7	60.7
76	19.0	0.0	30.9

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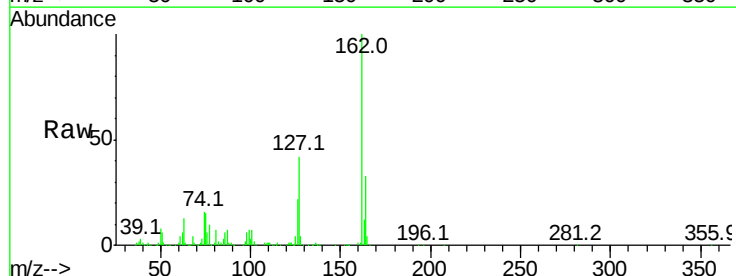


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

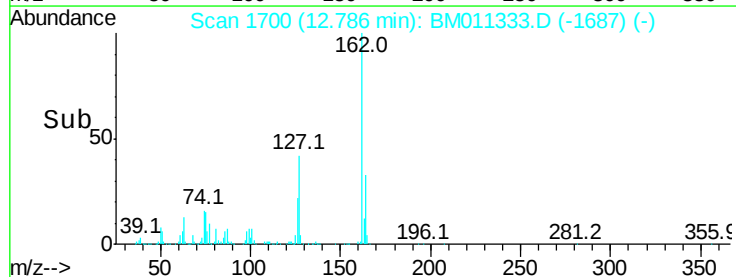
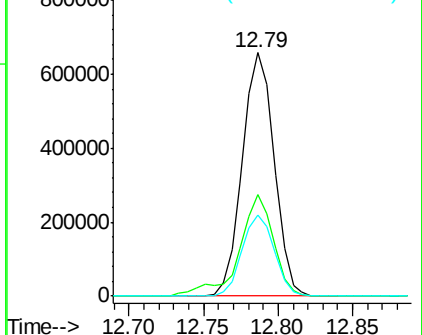


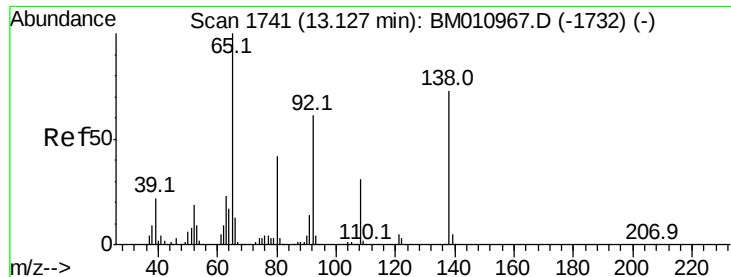
#46
 2-Chloronaphthalene
 Concen: 41.776 ng
 RT: 12.79 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	162	Resp	972042
Ion	Ratio	Lower	Upper
162	100		
127	41.9	26.9	40.3#
164	33.2	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





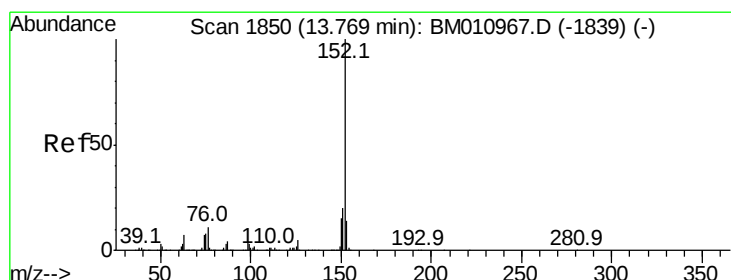
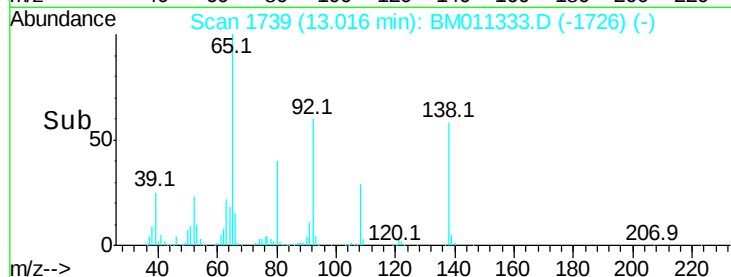
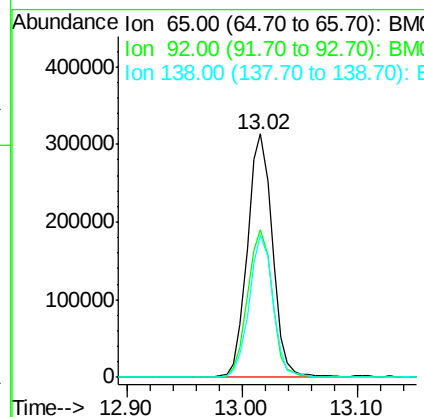
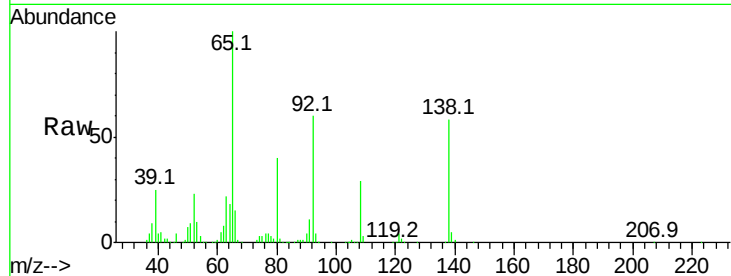
#47
2-Nitroaniline
Concen: 57.615 ng
RT: 13.02 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.4	59.1	88.7
138	58.3	93.9	140.9

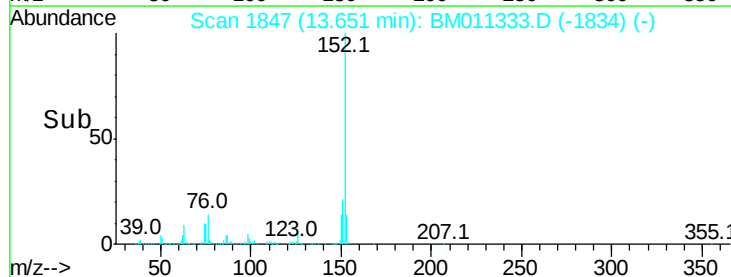
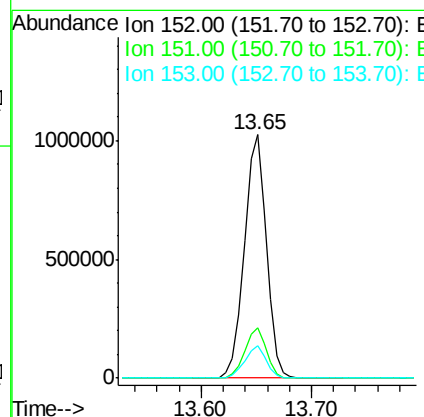
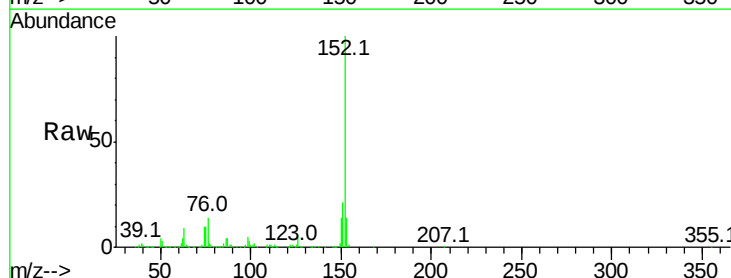
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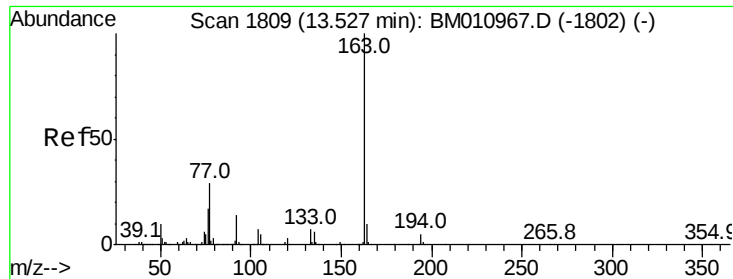
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#48
Acenaphthylene
Concen: 41.445 ng
RT: 13.65 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	13.6	10.6	16.0





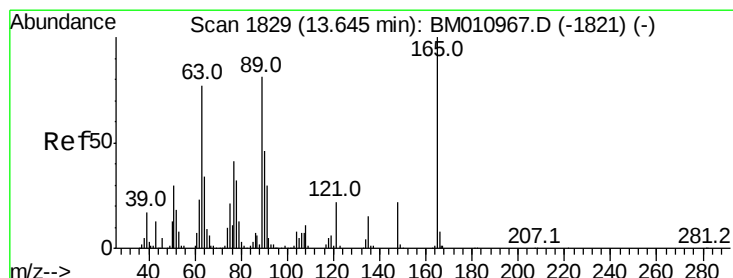
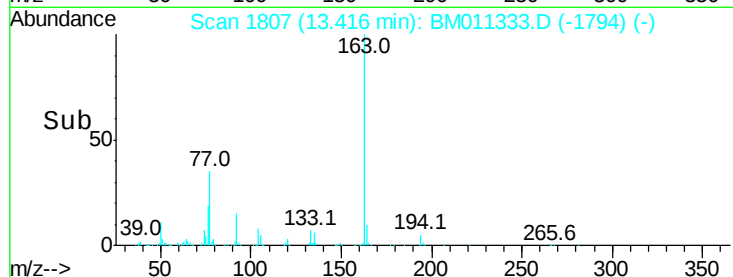
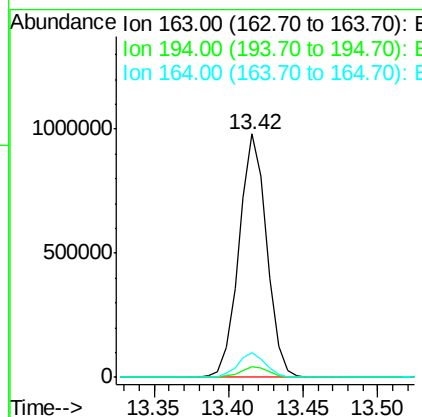
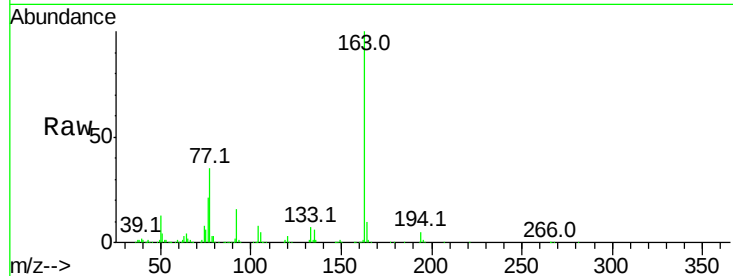
#49
Dimethylphthalate
Concen: 40.409 ng
RT: 13.42 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	10.1	8.2	12.2

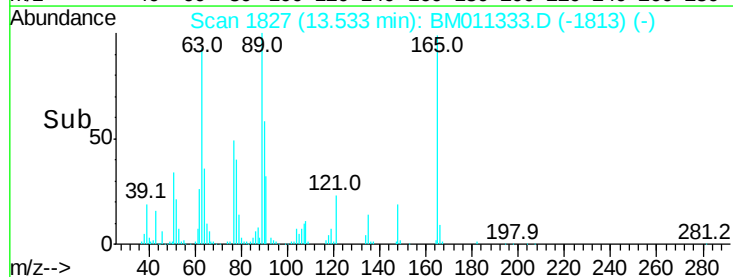
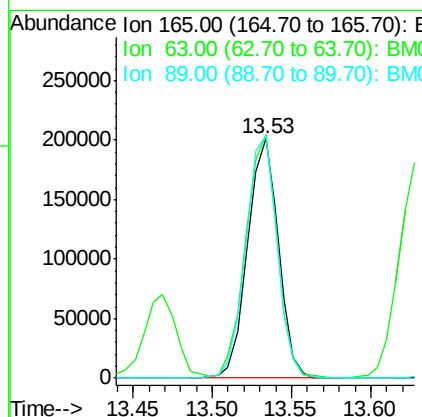
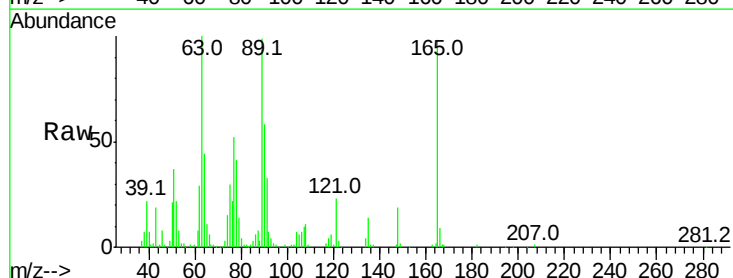
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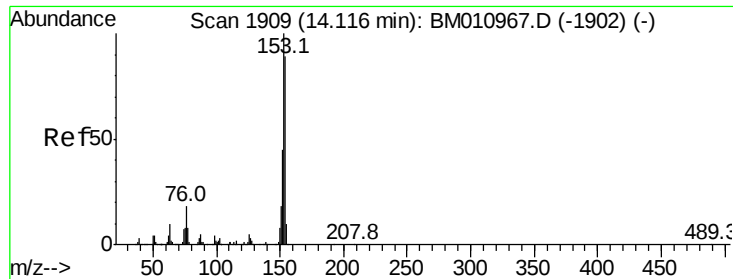
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#50
2,6-Dinitrotoluene
Concen: 42.939 ng
RT: 13.53 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	101.8	44.1	66.1#
89	101.0	44.3	66.5#





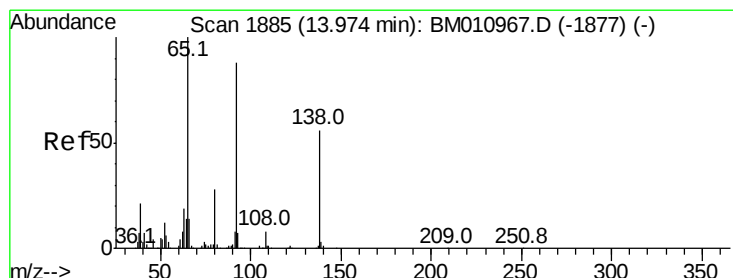
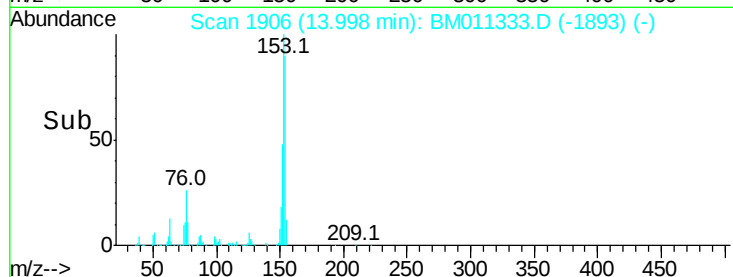
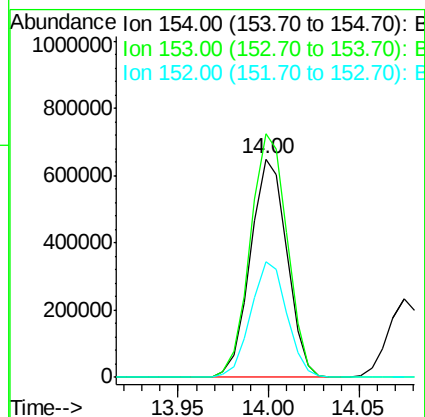
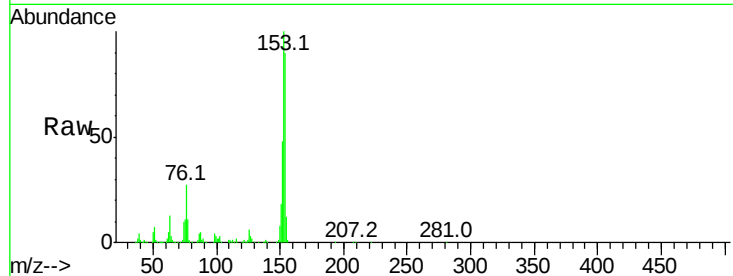
#51
Acenaphthene
Concen: 42.439 ng
RT: 14.00 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.0	135.0
152	53.1	42.6	63.8

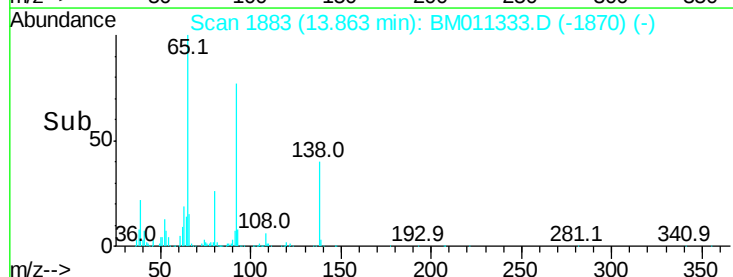
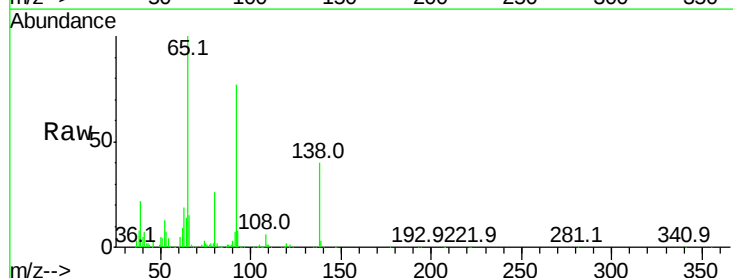
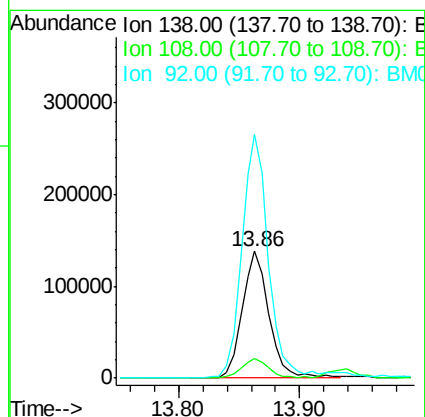
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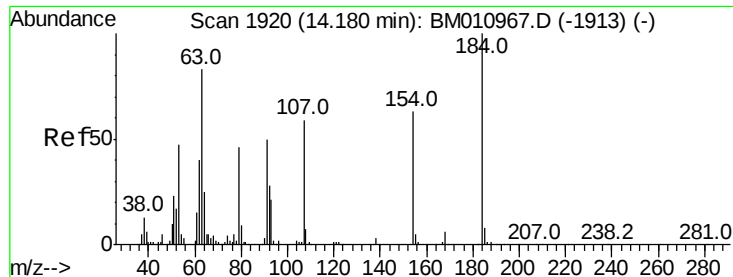
Sohil
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#52
3-Nitroaniline
Concen: 38.888 ng
RT: 13.86 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
138	100		
108	15.5	7.3	10.9#
92	192.4	76.6	114.8#





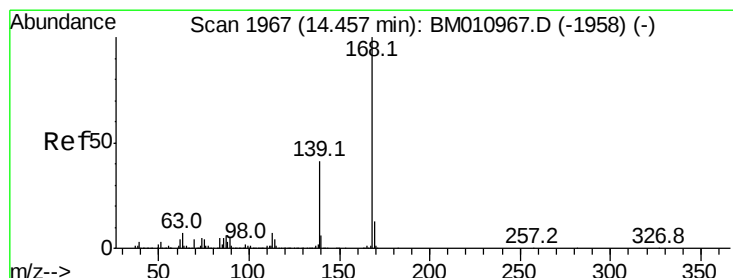
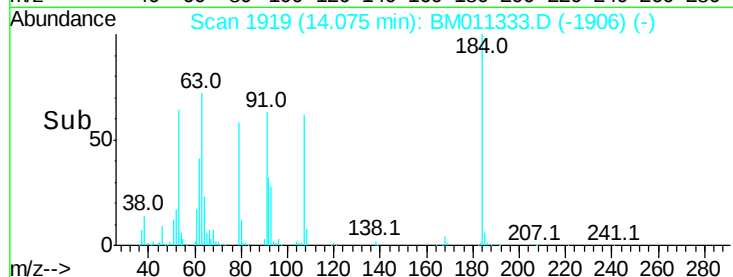
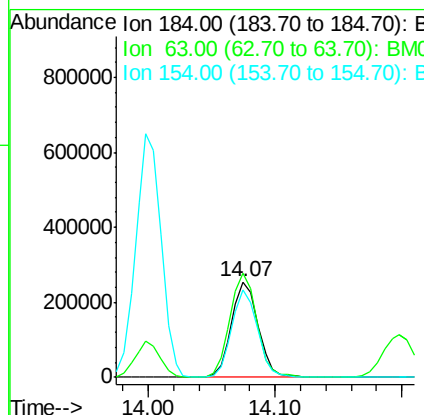
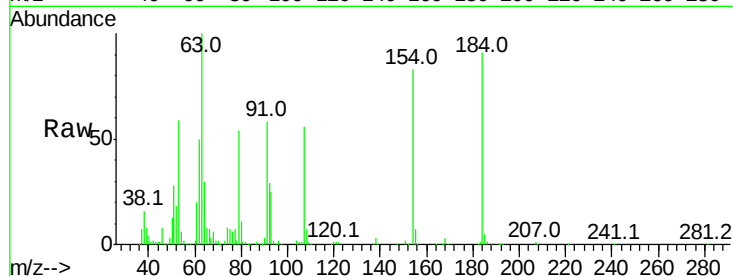
#53
2,4-Dinitrophenol
Concen: 82.758 ng
RT: 14.07 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	371592		
63	109.5	69.2	103.8#	
154	91.0	53.3	79.9#	

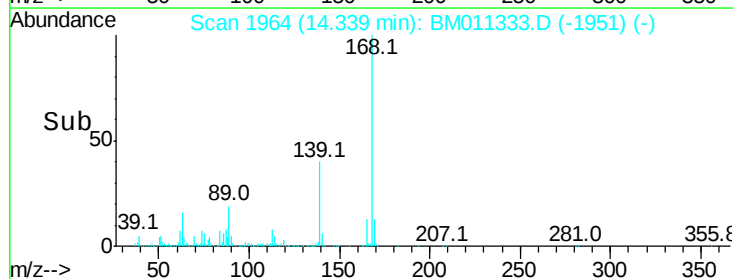
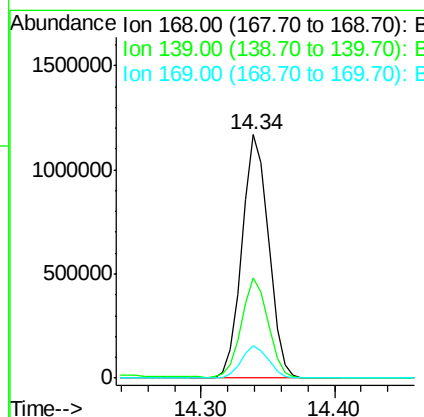
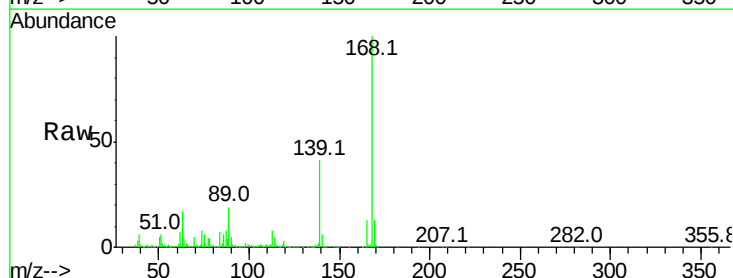
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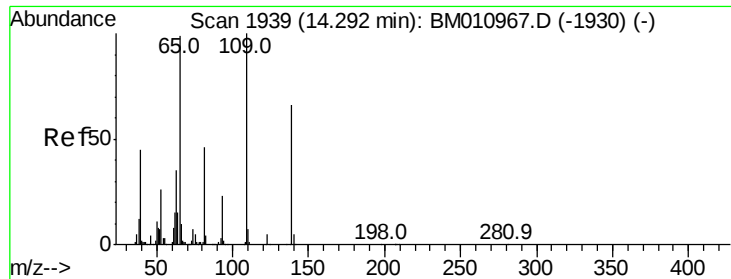
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#54
Dibenzofuran
Concen: 46.197 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1609432		
139	41.2	27.3	40.9#	
169	13.1	10.6	16.0	





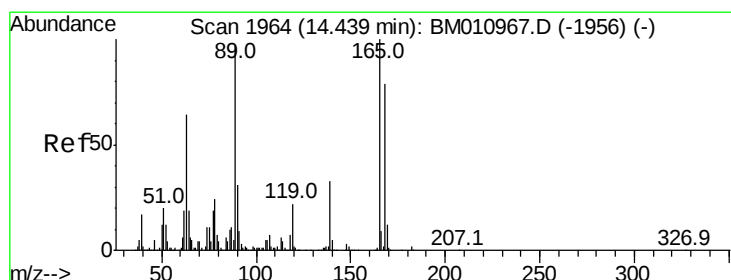
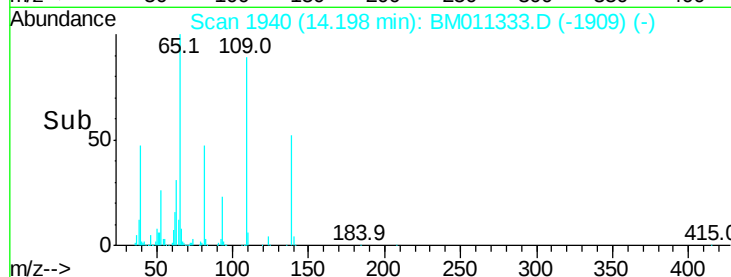
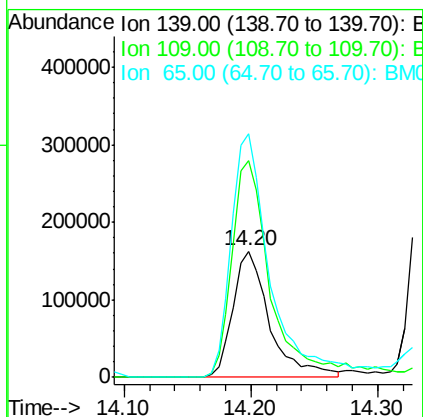
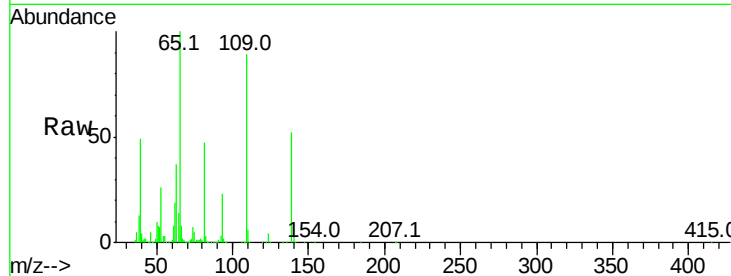
#55
4-Nitrophenol
Concen: 68.143 ng
RT: 14.20 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	171.3	130.0	170.0#	
65	192.9	130.0	170.0#	

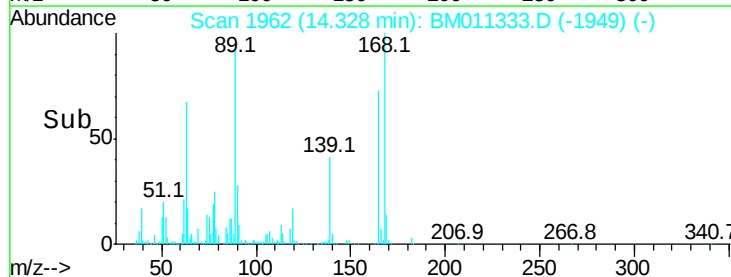
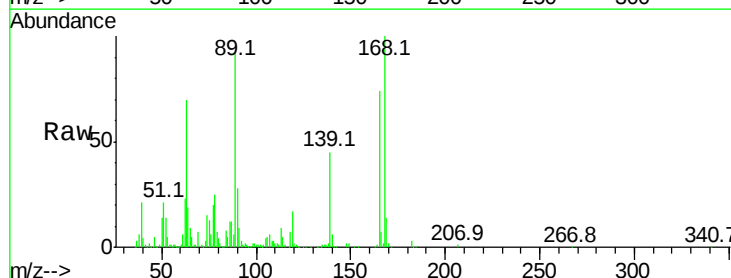
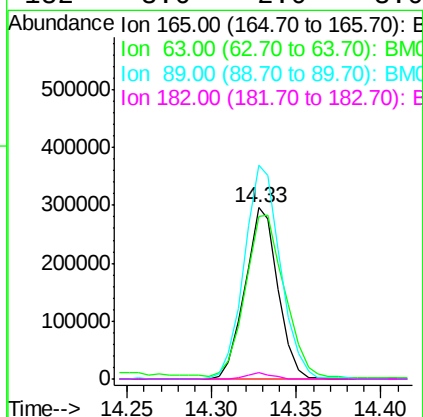
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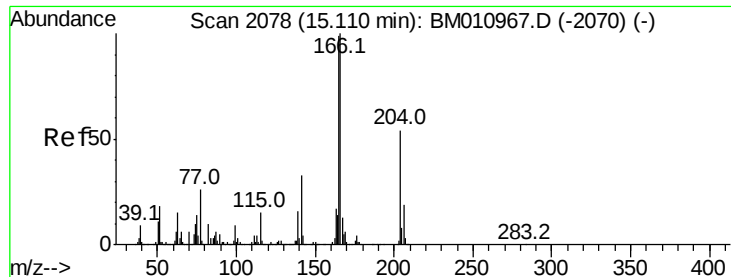
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.092 ng
RT: 14.33 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	95.4	52.4	78.6#	
89	124.9	72.4	108.6#	
182	3.6	2.0	3.0#	





#57
Fluorene
 Concen: 43.191 ng
 RT: 15.00 min Scan# 2076
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

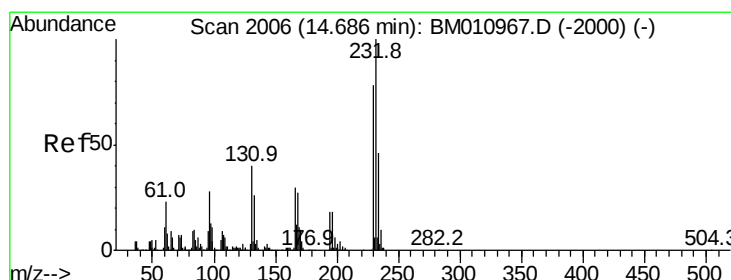
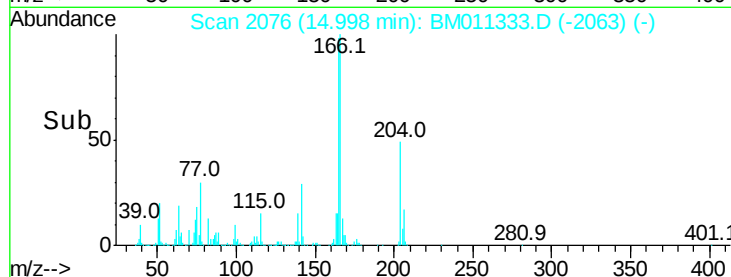
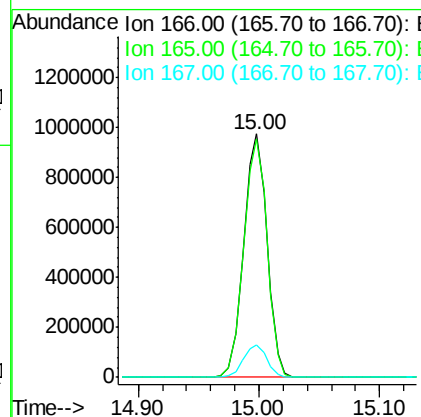
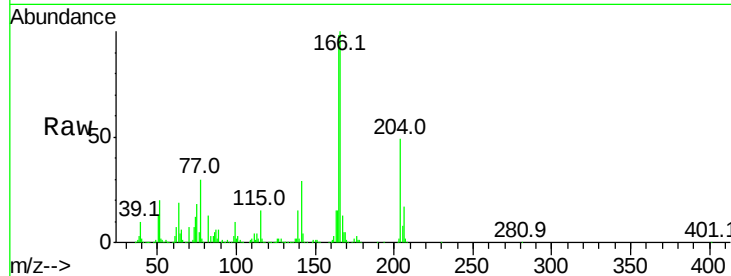
Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Tot Ion:166 Resp: 1310076

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.4
167	13.1	10.3	15.5

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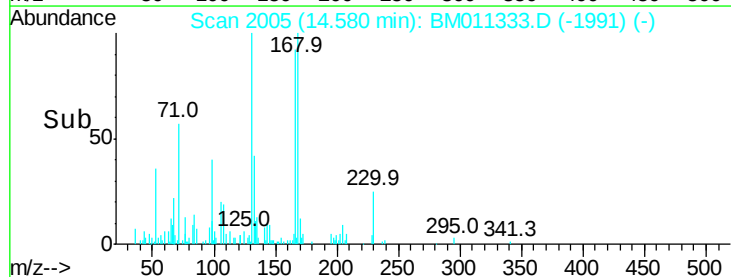
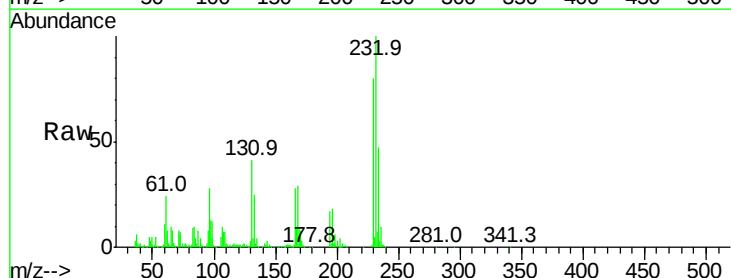
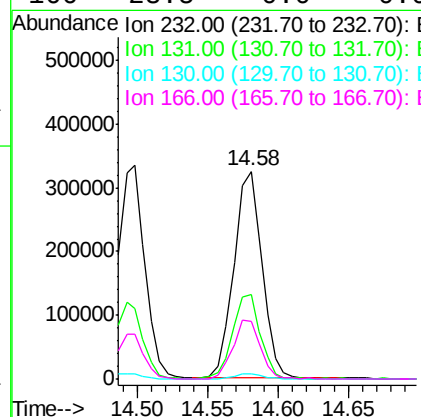
Sohil
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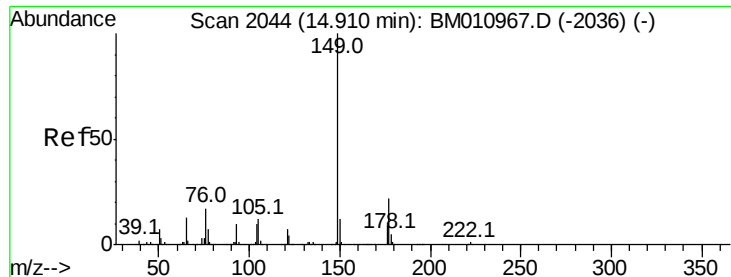


#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.032 ng
 RT: 14.58 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion:232 Resp: 449549

Ion	Ratio	Lower	Upper
232	100		
131	40.0	0.0	0.0#
130	2.7	0.0	0.0#
166	28.5	0.0	0.0#





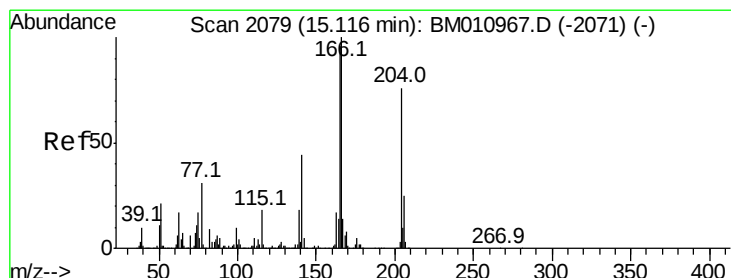
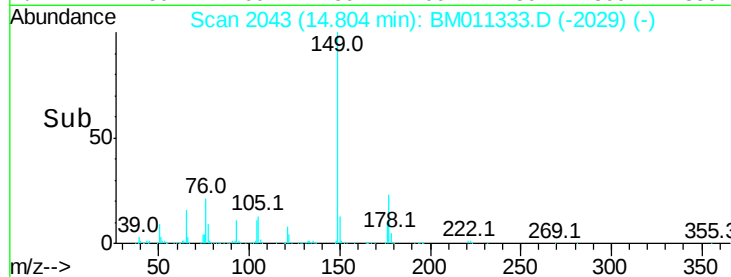
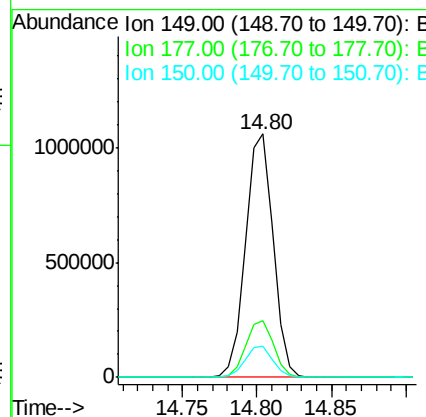
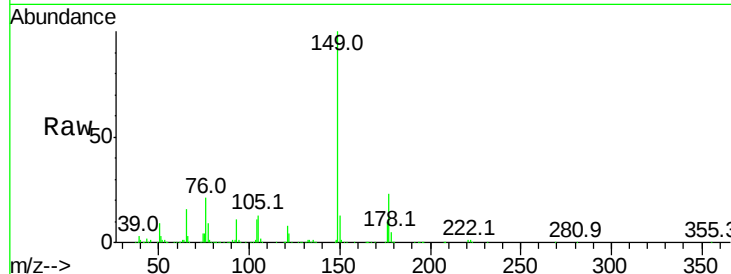
#59
Diethylphthalate
Concen: 42.439 ng
RT: 14.80 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.7	9.8	14.8

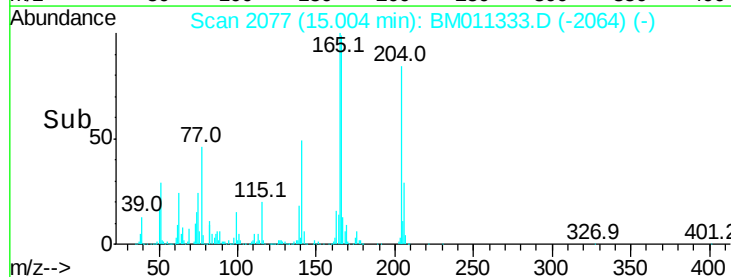
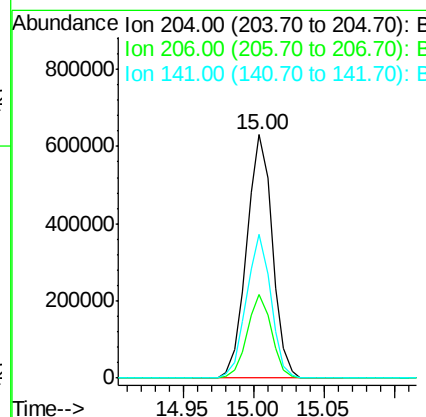
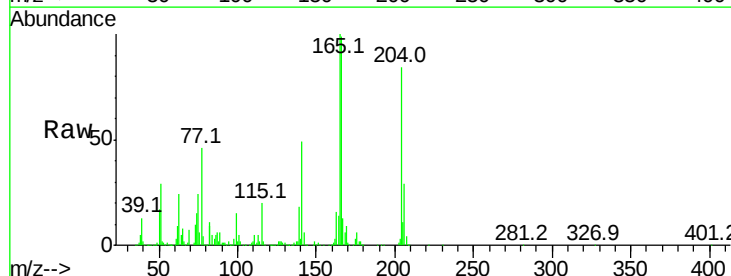
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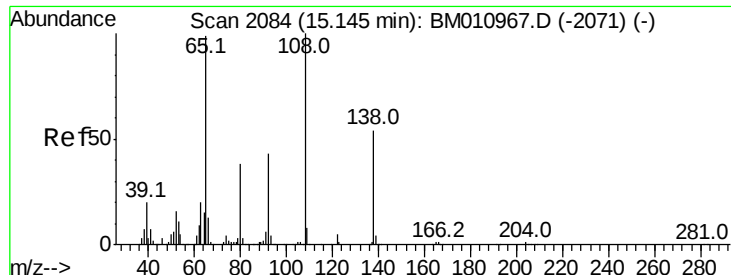
Sohil
8/23/2017 7:21:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.804 ng
RT: 15.00 min Scan# 2077
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.6	39.8
141	58.8	45.2	67.8





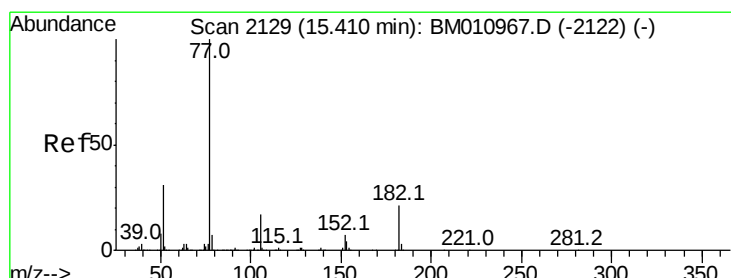
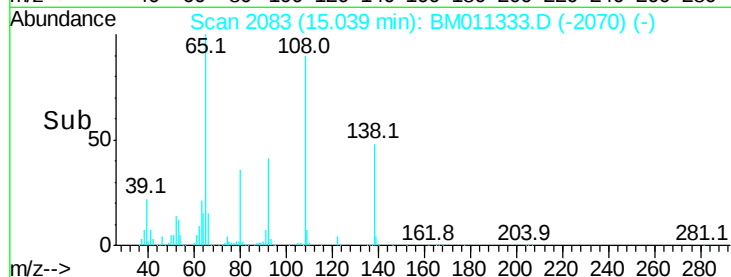
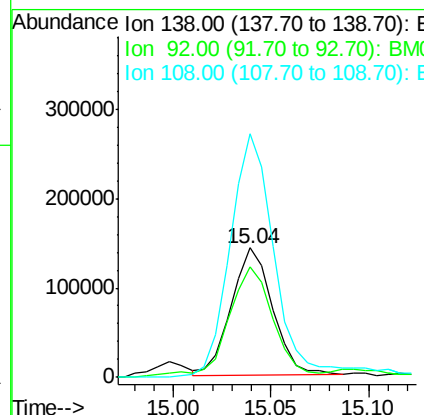
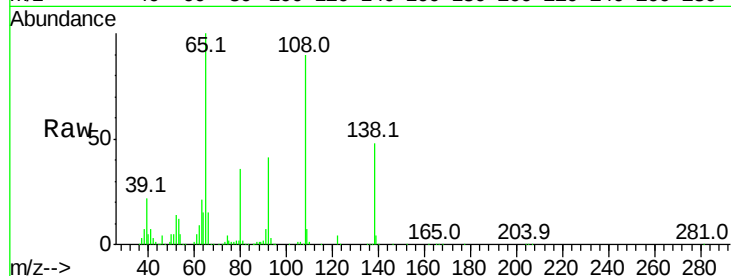
#61
4-Nitroaniline
Concen: 36.148 ng
RT: 15.04 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	85.3	16.7	56.7#
108	188.3	37.6	77.6#

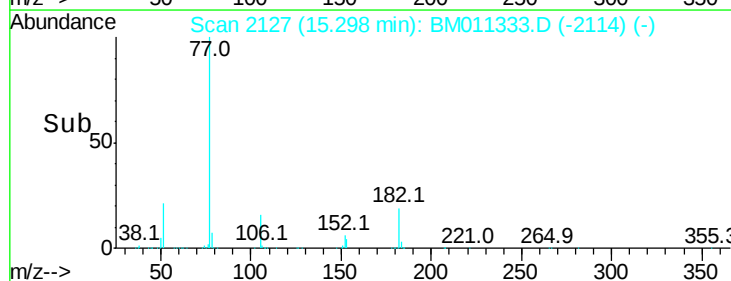
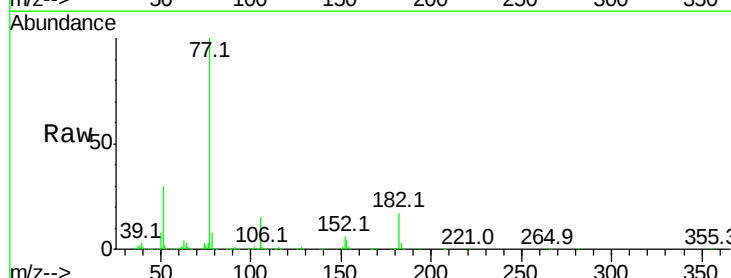
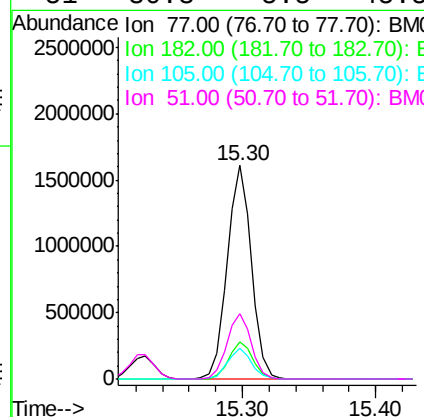
Manual Integrations
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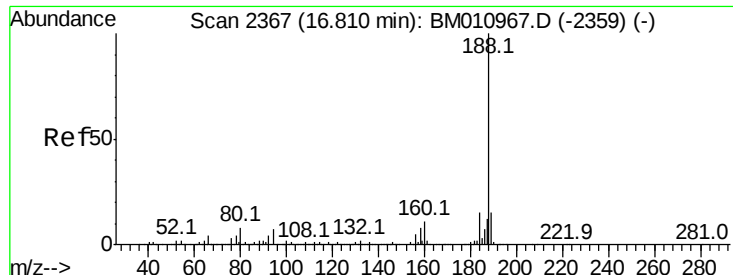
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#62
Azobenzene
Concen: 59.812 ng
RT: 15.30 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.5	6.5	46.5
105	14.6	3.8	43.8
51	30.3	5.5	45.5





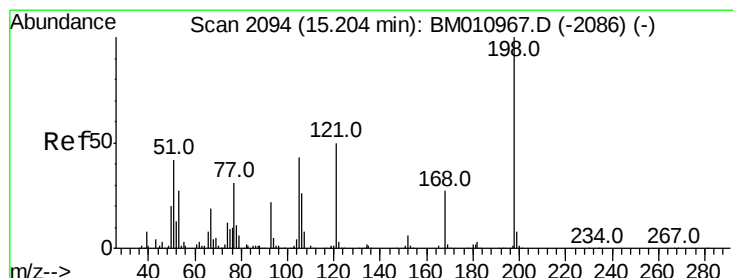
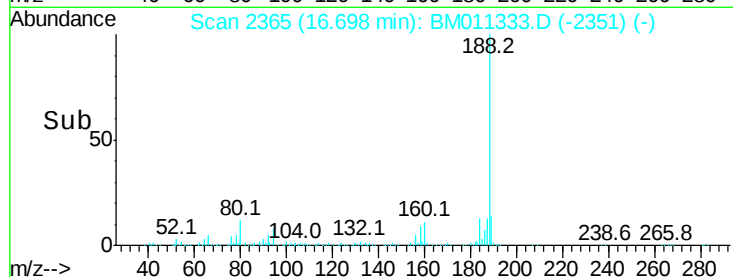
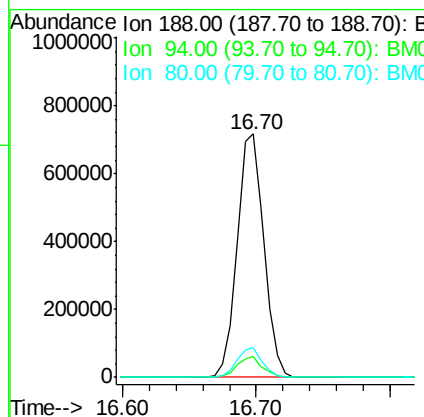
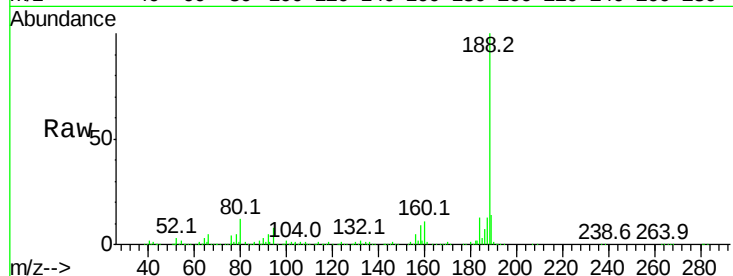
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	8.7	13.1#
80	12.0	9.3	13.9

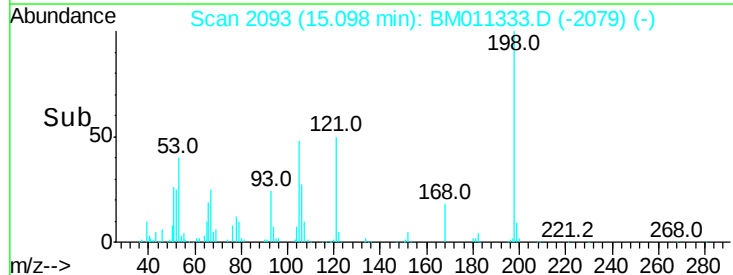
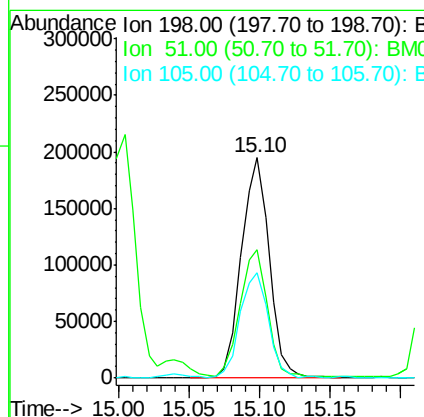
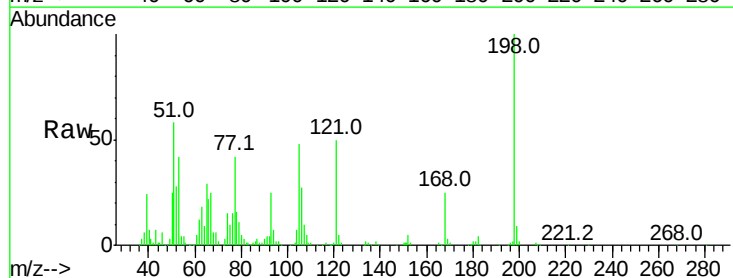
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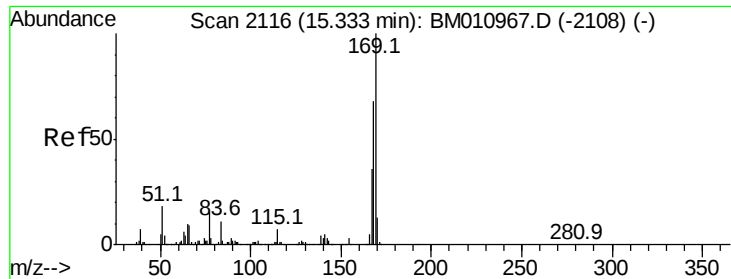
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.181 ng
RT: 15.10 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	58.3	28.8	68.8
105	47.8	30.5	70.5





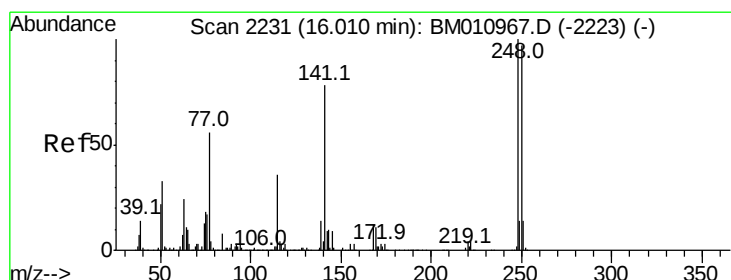
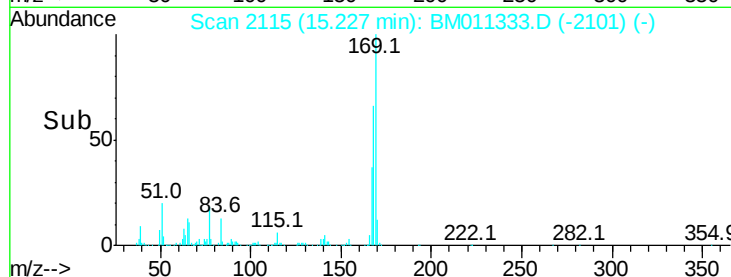
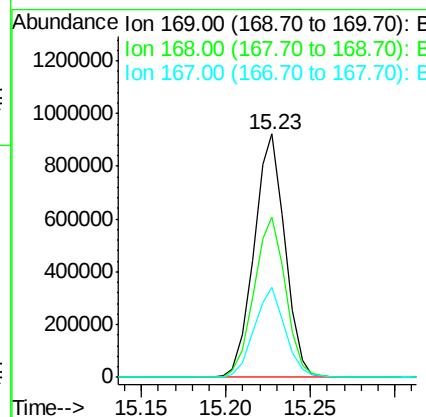
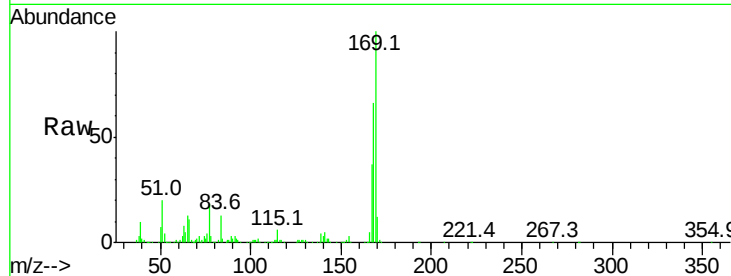
#65
n-Nitrosodiphenylamine
Concen: 41.279 ng
RT: 15.23 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.9	80.9
167	36.8	28.9	43.3

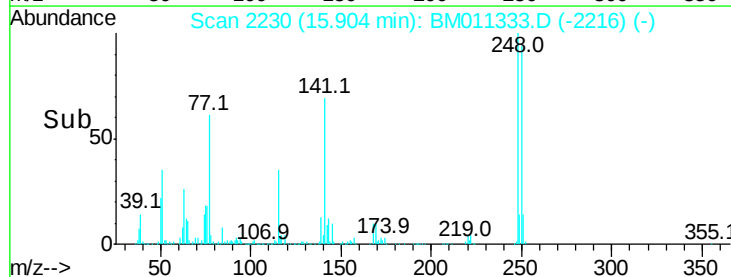
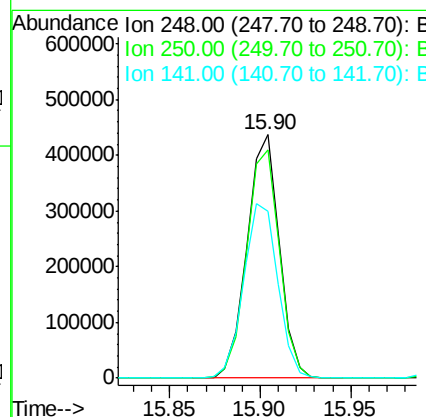
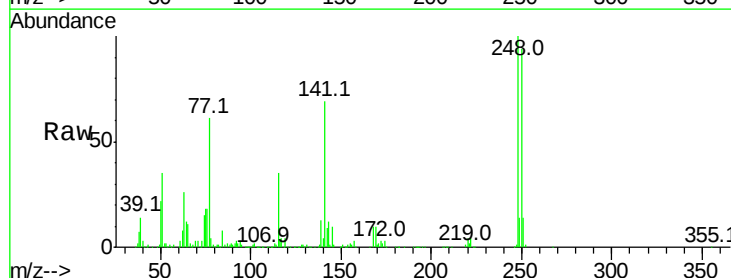
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#66
4-Bromophenyl-phenylether
Concen: 42.321 ng
RT: 15.90 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.6	77.4	116.0
141	68.6	45.2	67.8





#67

Hexachlorobenzene

Concen: 38.101 ng

RT: 16.00 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

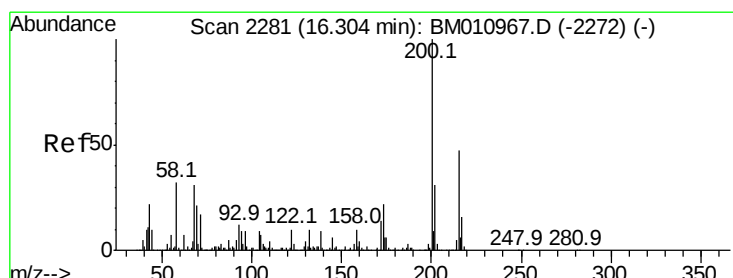
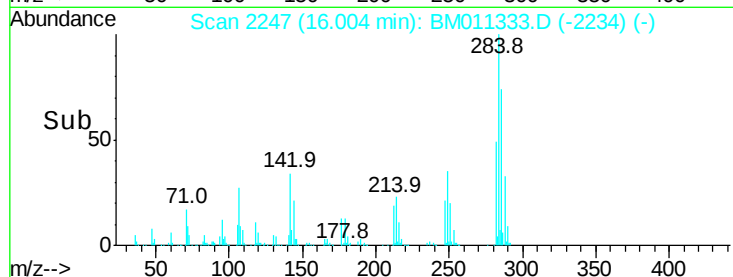
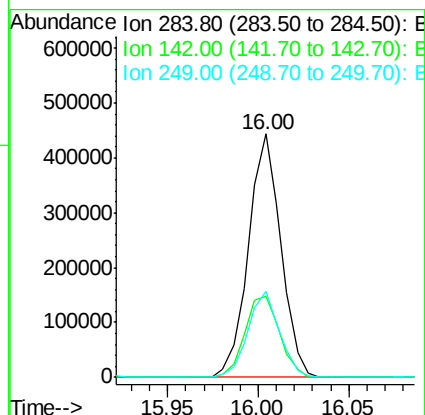
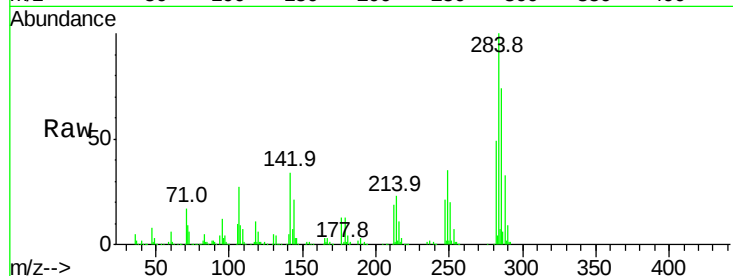
ClientSampleId :

HR-06-081817MSD

Tot Ion:	284	Resp:	549811
Ion Ratio		Lower	Upper
284	100		
142	33.5	20.4	30.6#
249	35.4	23.8	35.6

Manual Integrations
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#68

Atrazine

Concen: 44.200 ng

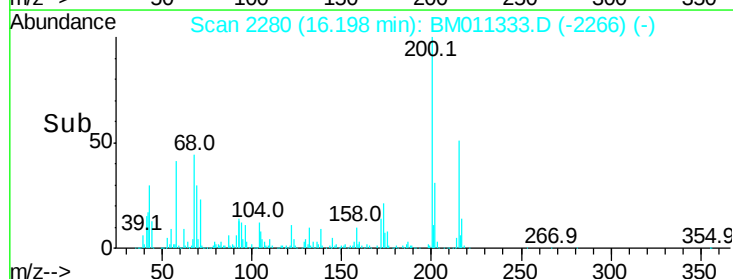
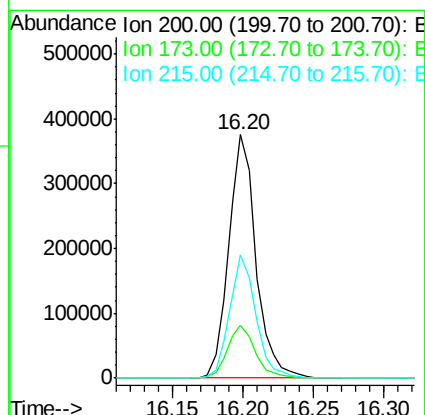
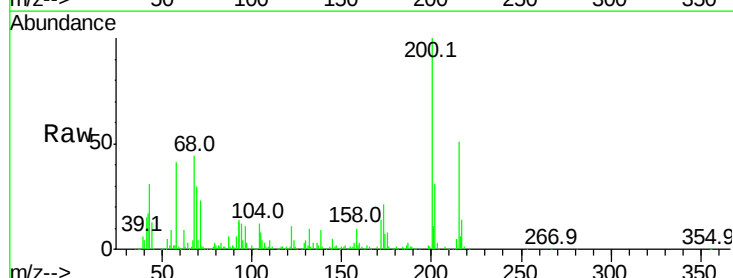
RT: 16.20 min Scan# 2280

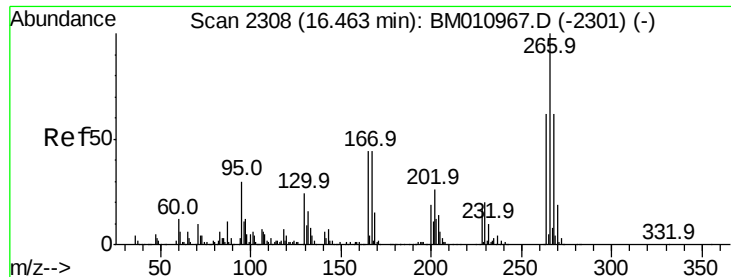
Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion:	200	Resp:	503555
Ion Ratio		Lower	Upper
200	100		
173	21.5	4.8	44.8
215	50.7	26.9	66.9





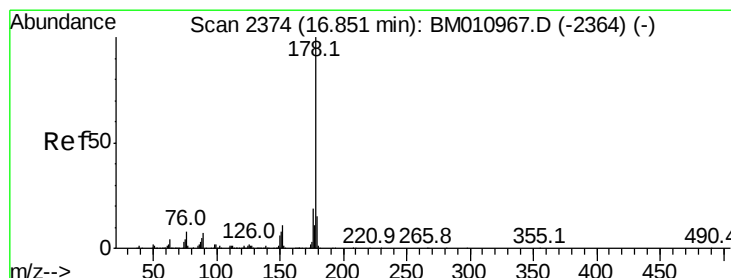
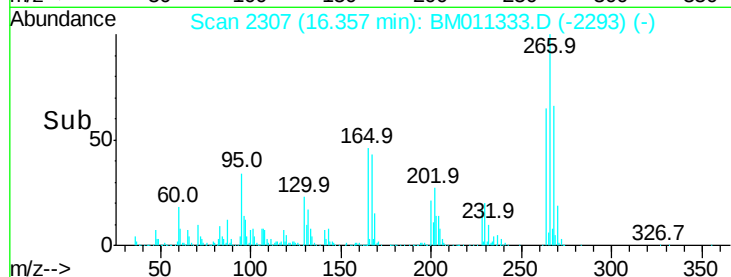
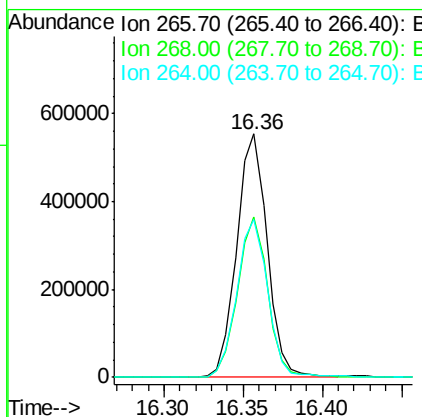
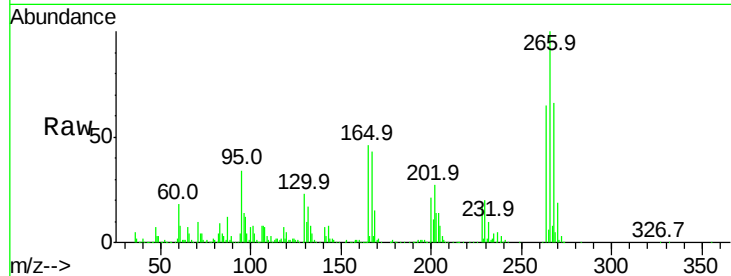
#69
 Pentachlorophenol
 Concen: 80.836 ng
 RT: 16.36 min Scan# 2307
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Tot Ion:	266	Resp:	740570
Ion Ratio		Lower	Upper
266	100		
268	66.1	52.0	78.0
264	64.9	49.0	73.4

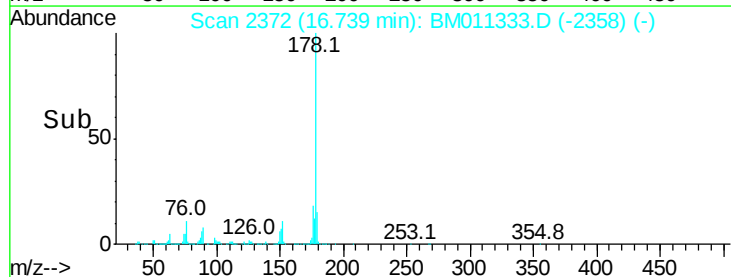
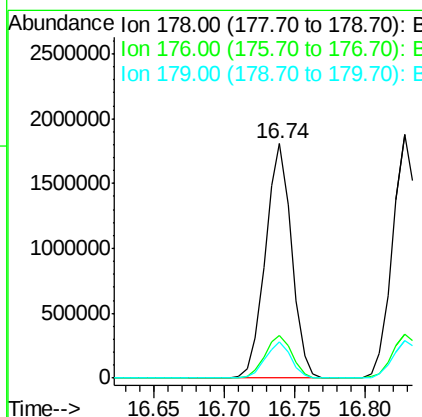
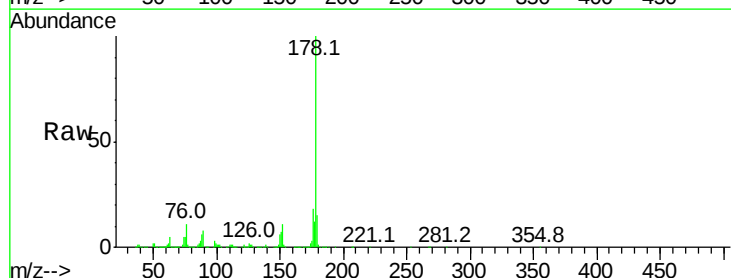
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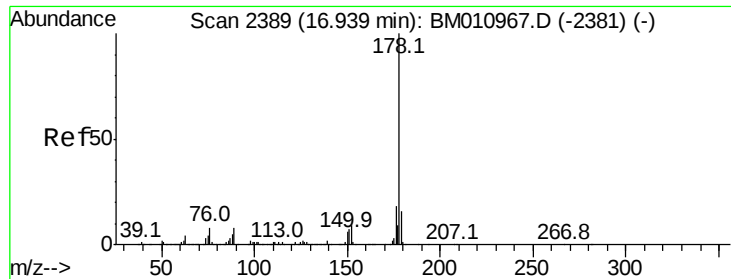
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#70
 Phenanthrene
 Concen: 45.315 ng
 RT: 16.74 min Scan# 2372
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion:	178	Resp:	2357052
Ion Ratio		Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.3	12.1	18.1





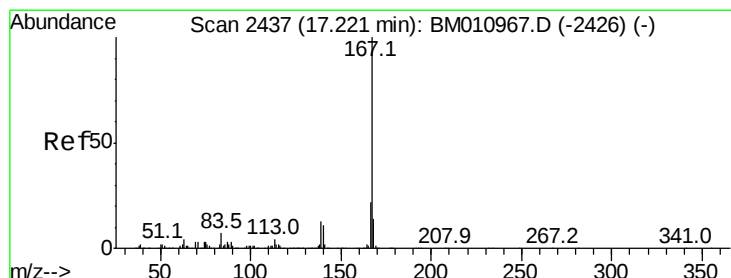
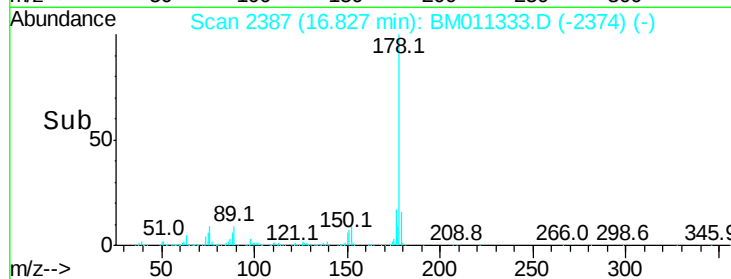
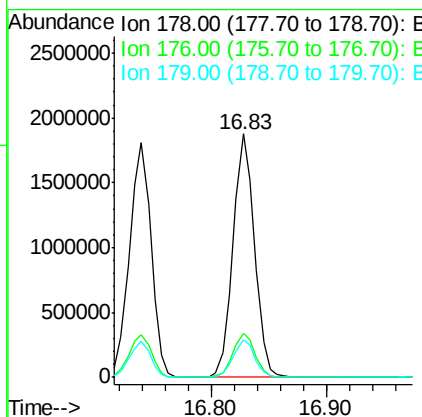
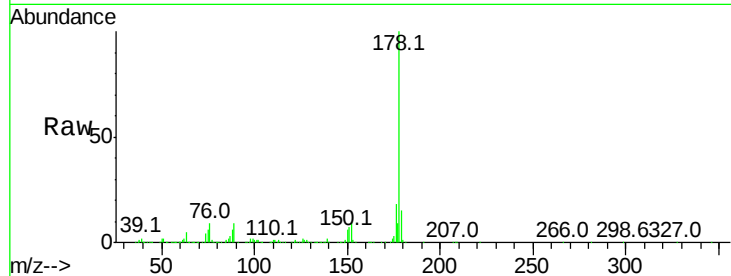
#71
 Anthracene
 Concen: 46.515 ng
 RT: 16.83 min Scan# 2387
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.2	12.6	19.0

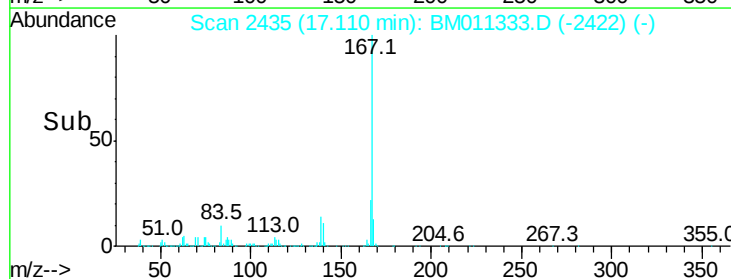
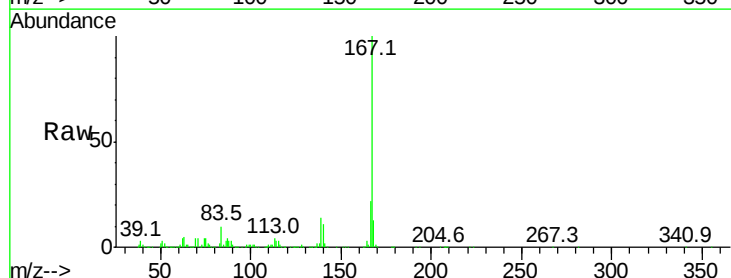
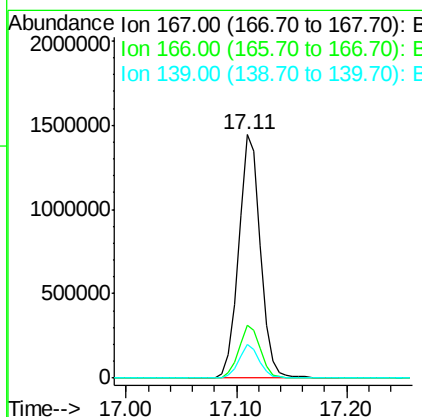
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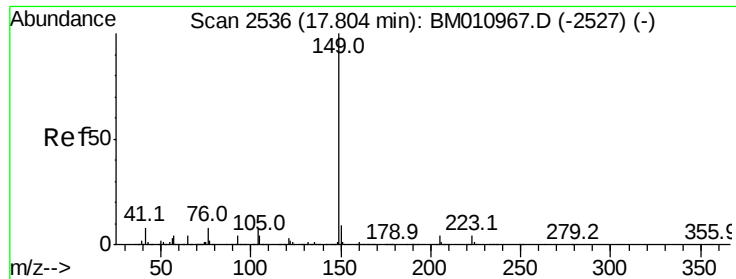
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#72
 Carbazole
 Concen: 44.095 ng
 RT: 17.11 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.7	10.8	16.2





#73

Di-n-butylphthalate

Concen: 43.281 ng

RT: 17.70 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

Tot Ion:149 Resp: 2391094

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

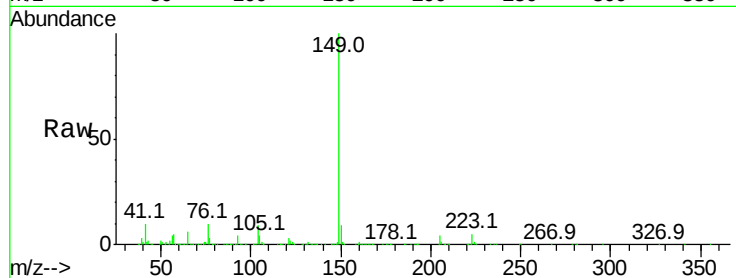
104 8.9 3.7 5.5#

Manual Integrations

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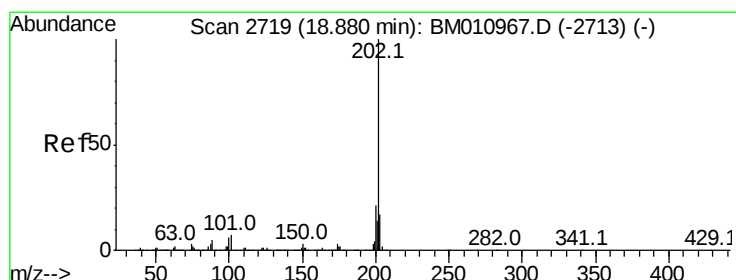
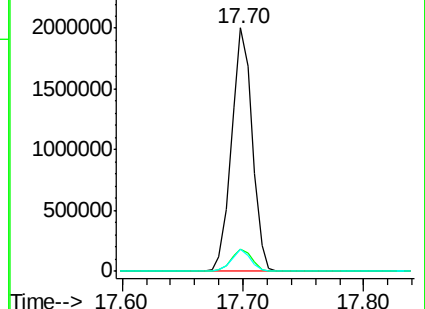
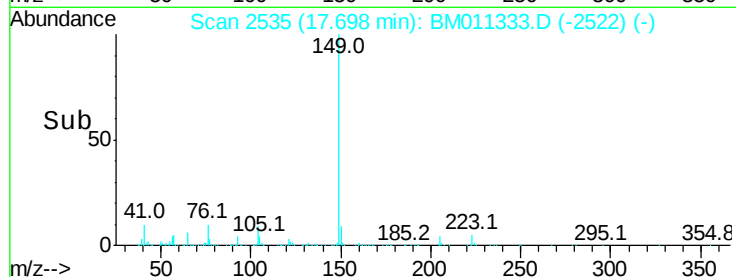
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.418 ng

RT: 18.77 min Scan# 2718

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

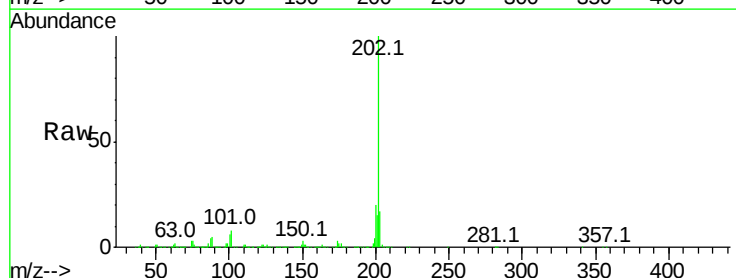
Tgt Ion:202 Resp: 3185411

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.7

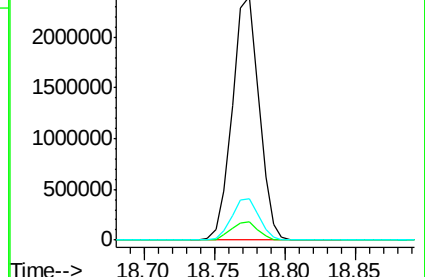
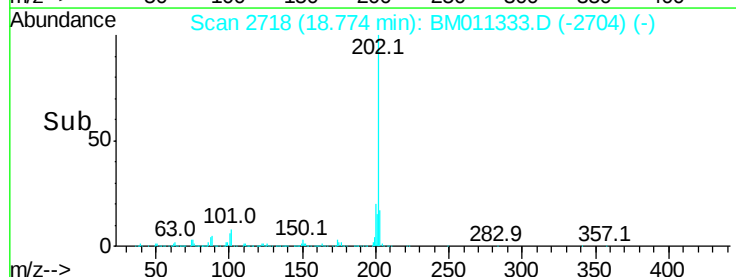
203 16.8 0.0 37.2

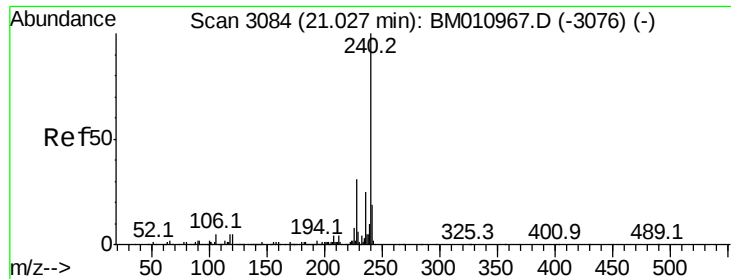


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

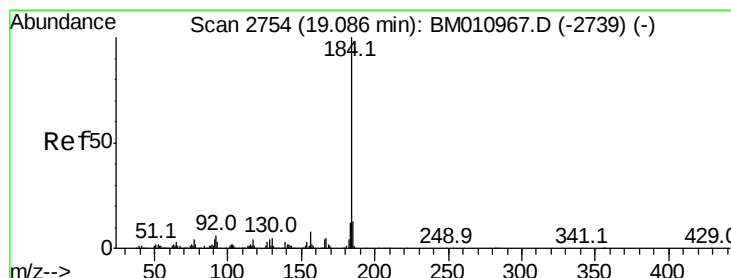
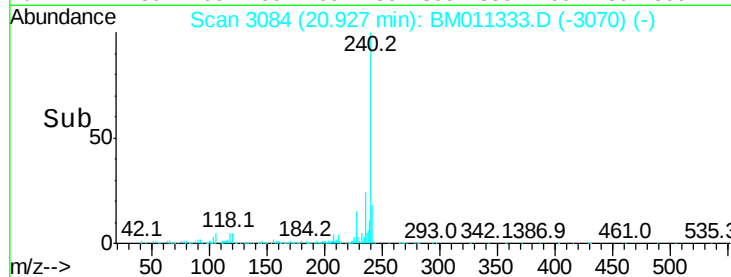
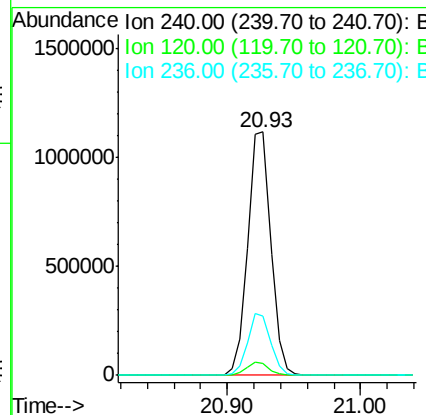
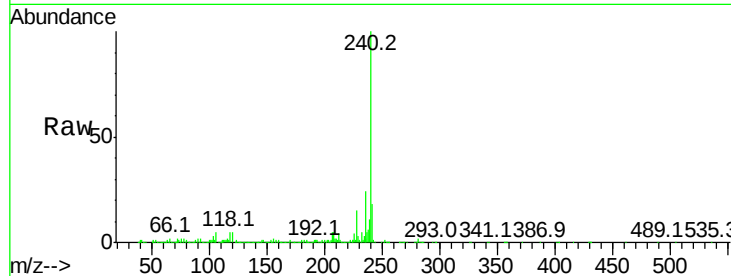
ClientSampleId :

HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	24.2	20.0	30.0

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#76

Benzidine

Concen: 24.427 ng

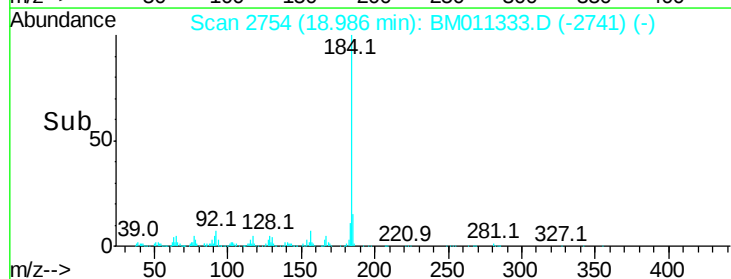
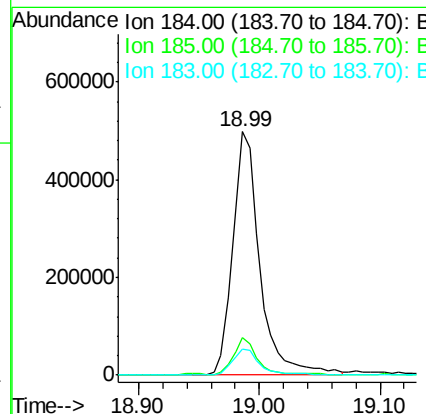
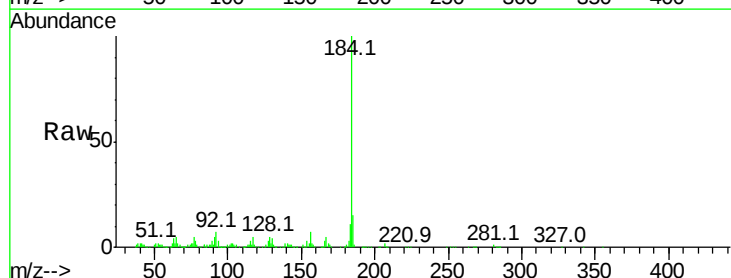
RT: 18.99 min Scan# 2754

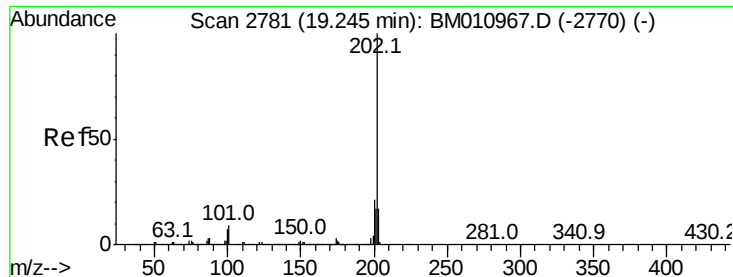
Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.3	16.9
183	10.7	8.9	13.3





#77

Pvrene

Concen: 41.567 ng

RT: 19.14 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

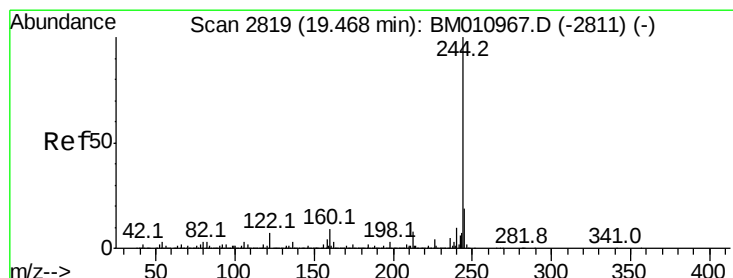
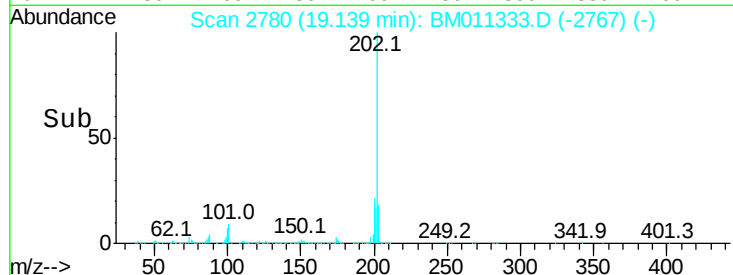
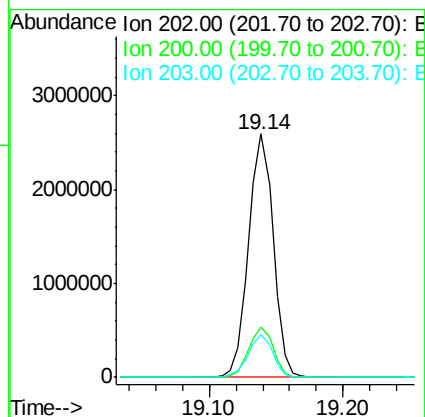
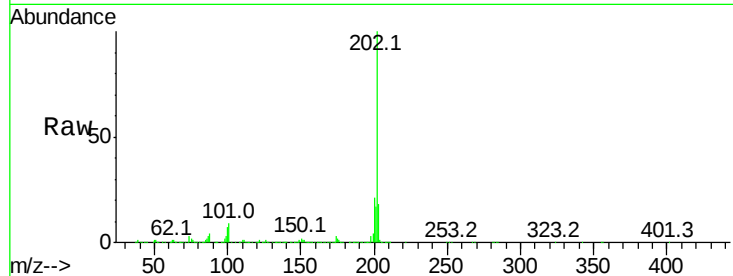
ClientSampleId :

HR-06-081817MSD

Tot Ion:	202	Resp:	3294454
Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.5	14.1	21.1

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#78

Terphenyl-d14

Concen: 74.637 ng

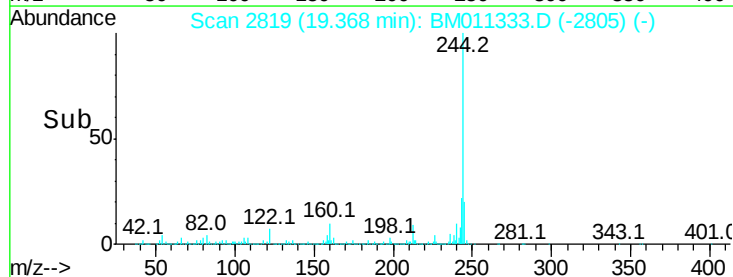
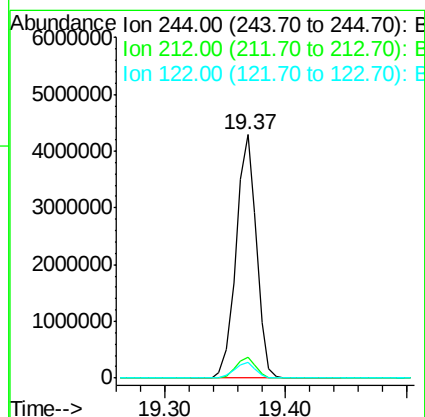
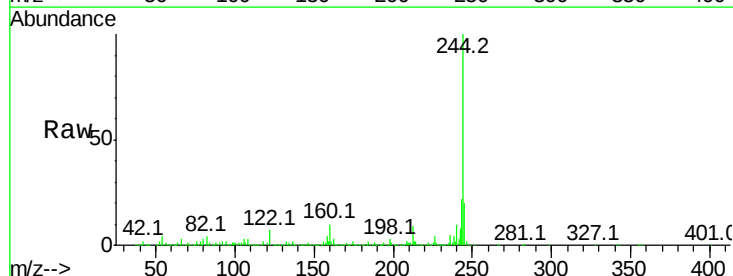
RT: 19.37 min Scan# 2819

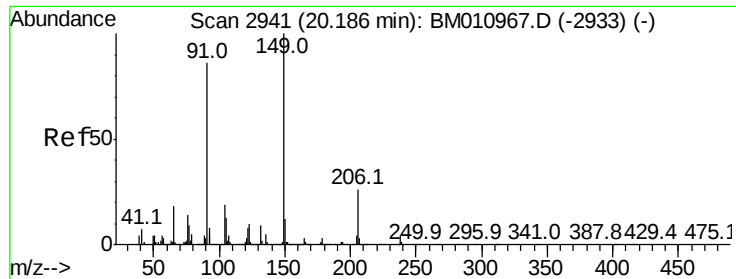
Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion:	244	Resp:	5025838
Ion	Ratio	Lower	Upper
244	100		
212	8.8	4.9	7.3#
122	6.6	6.2	9.4





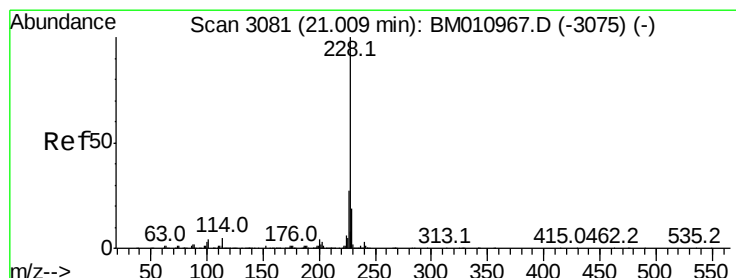
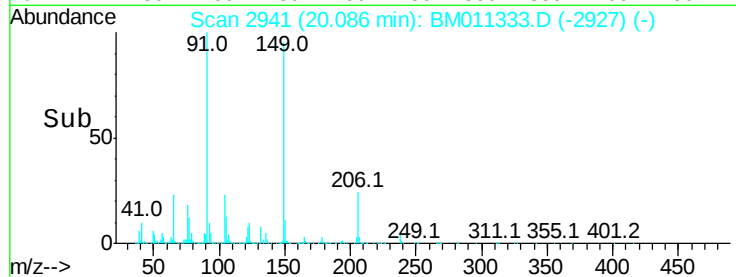
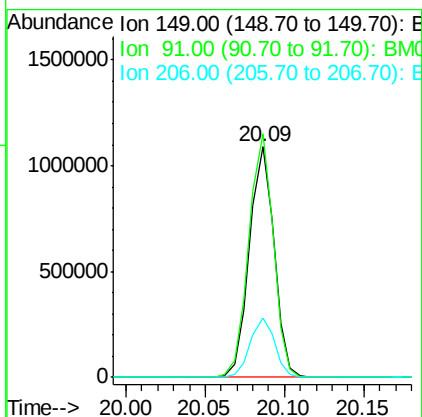
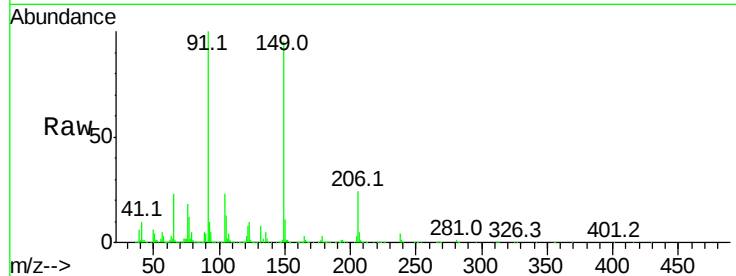
#79
Butylbenzylphthalate
Concen: 42.021 ng
RT: 20.09 min Scan# 2941
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	105.6	50.1	75.1#
206	25.5	16.2	24.2#

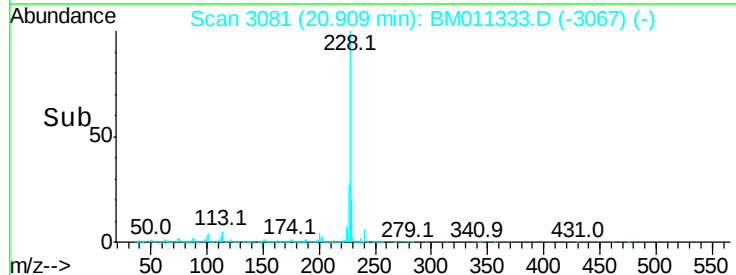
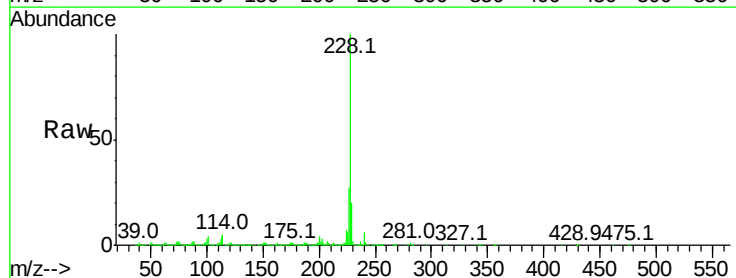
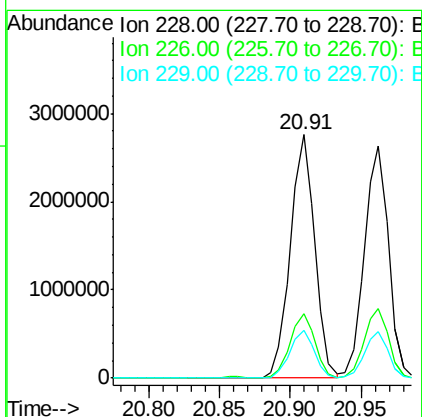
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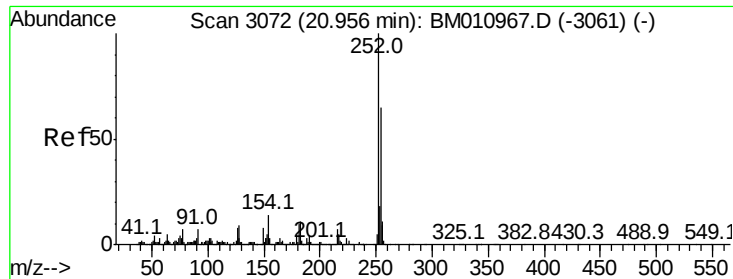
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#80
Benzo(a)anthracene
Concen: 43.367 ng
RT: 20.91 min Scan# 3081
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.7	32.5
229	19.8	16.0	24.0





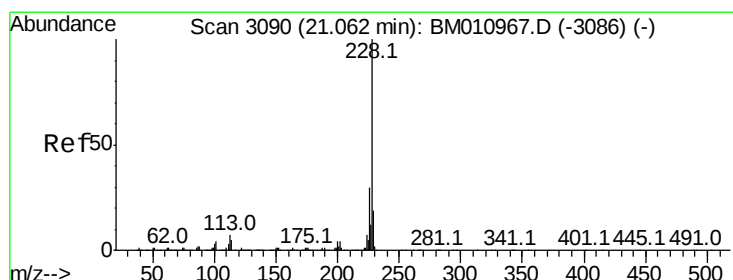
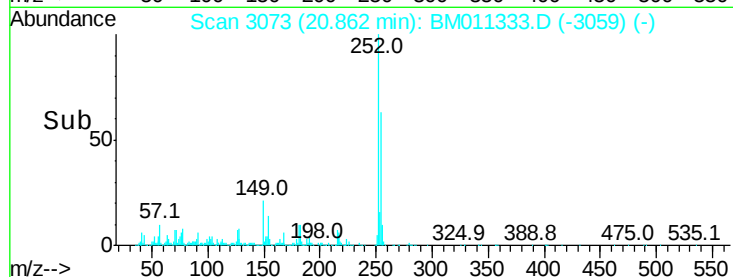
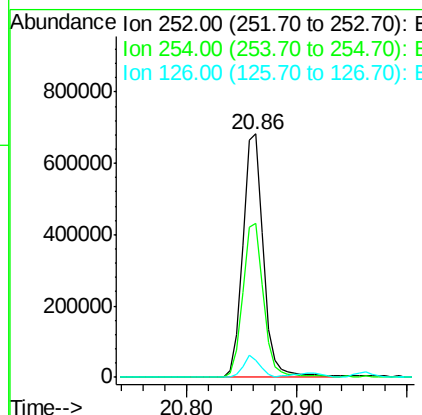
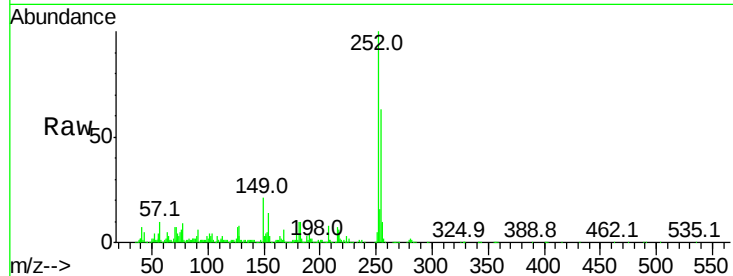
#81
 3,3'-Dichlorobenzidine
 Concen: 30.046 ng
 RT: 20.86 min Scan# 3073
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.9	77.9
126	7.0	9.8	14.8

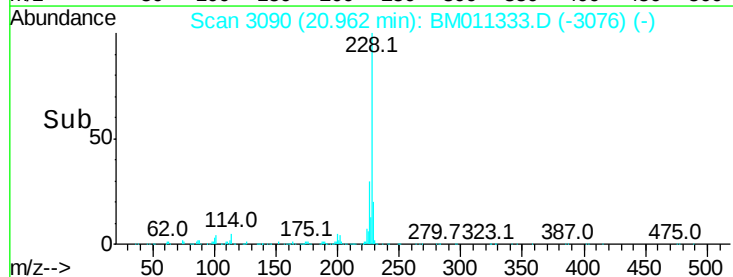
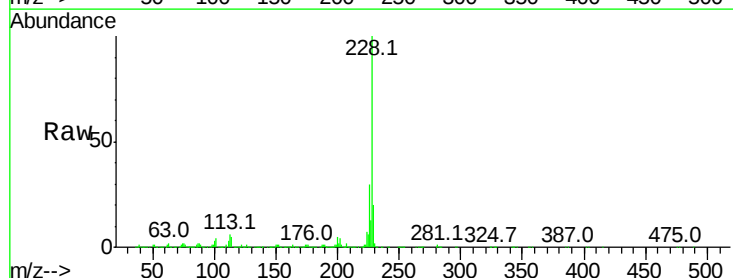
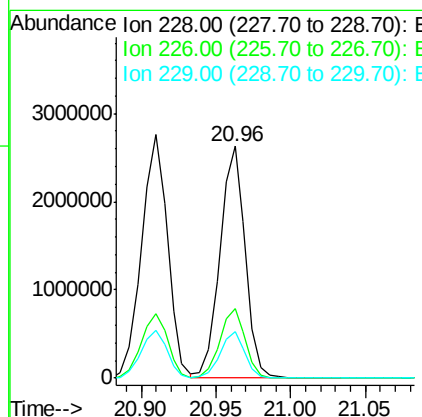
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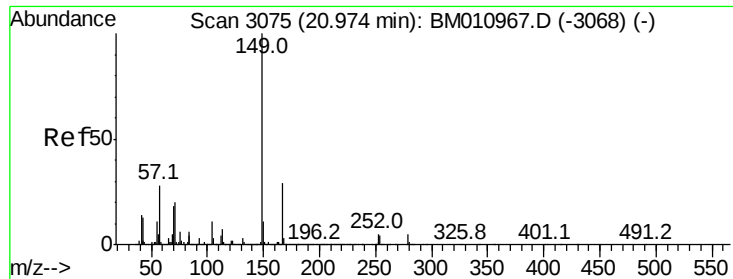
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#82
 Chrysene
 Concen: 42.593 ng
 RT: 20.96 min Scan# 3090
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.9	15.5	23.3





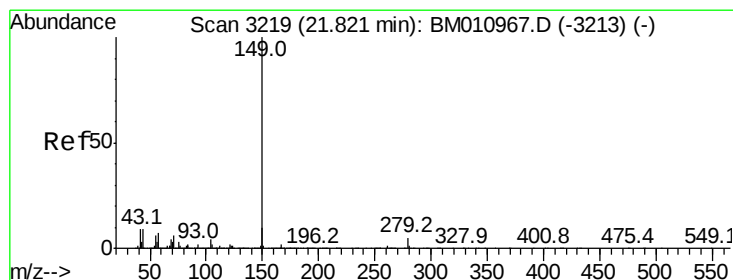
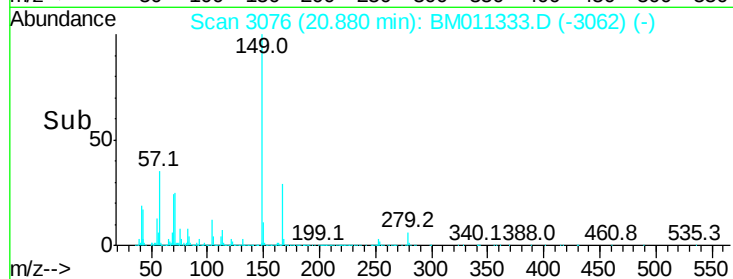
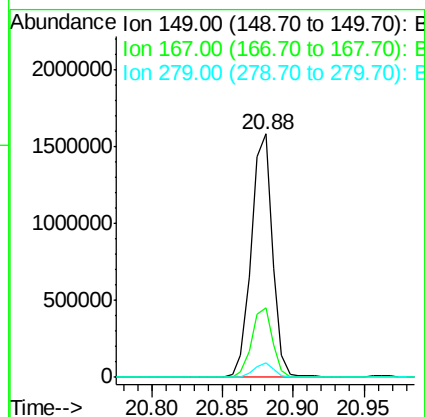
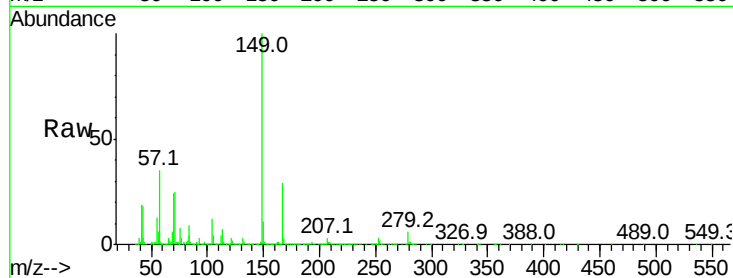
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.396 ng
 RT: 20.88 min Scan# 3076
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Tot Ion:149 Resp: 1674882
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.4 33.6
 279 6.0 3.4 5.0#

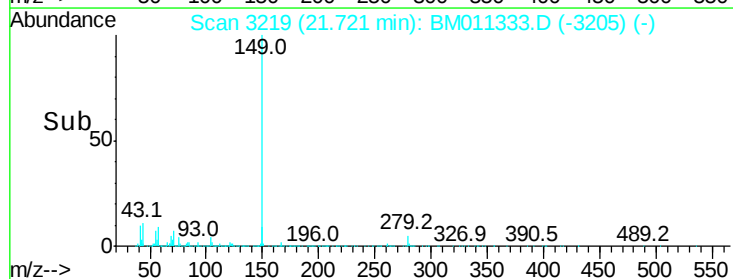
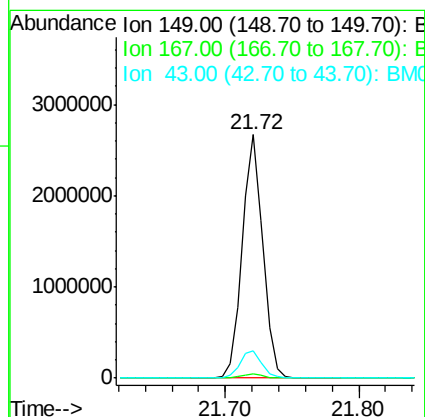
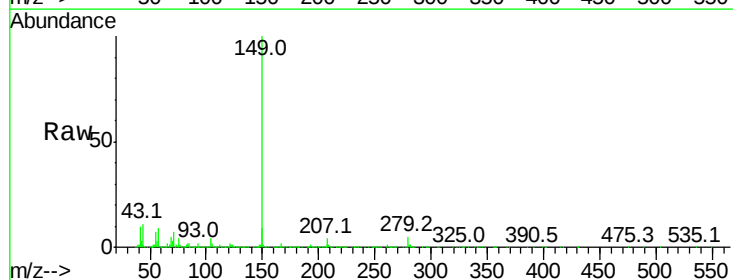
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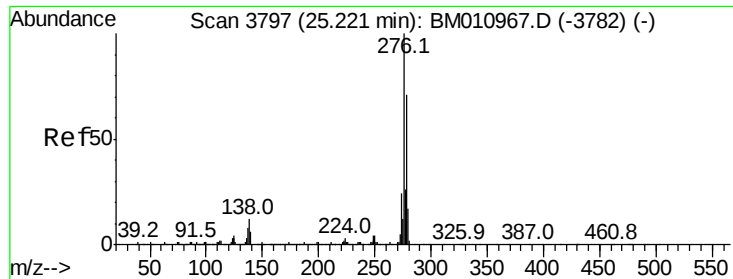
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#84
 Di-n-octyl phthalate
 Concen: 42.068 ng
 RT: 21.72 min Scan# 3219
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion:149 Resp: 2830832
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 11.8 7.3 10.9#





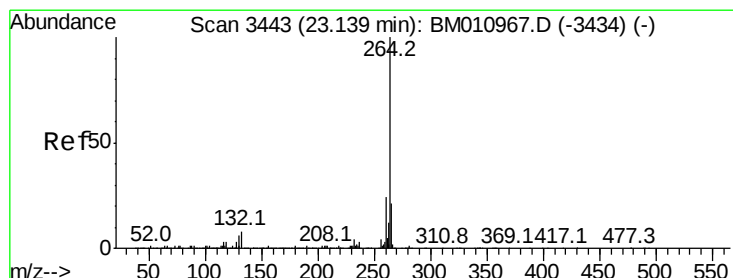
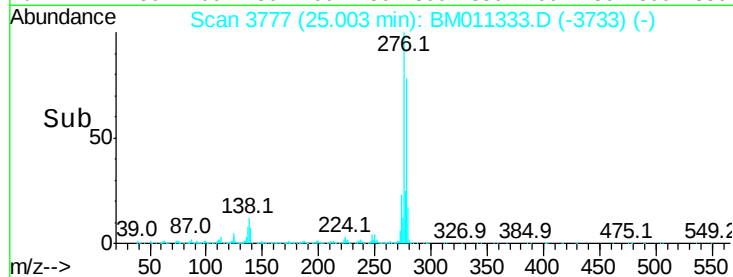
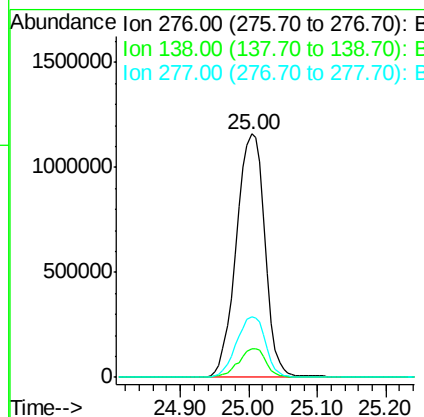
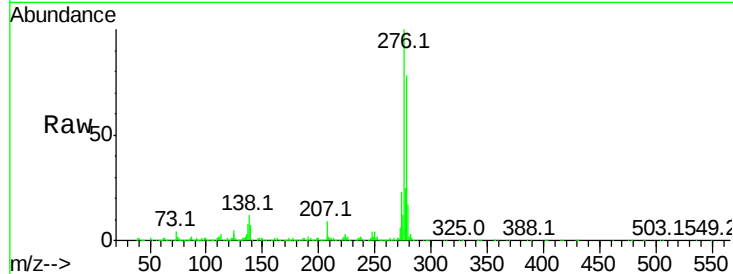
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.576 ng
RT: 25.00 min Scan# 3777
Delta R.T. -0.04 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.4	12.0	18.0#
277	25.4	20.0	30.0

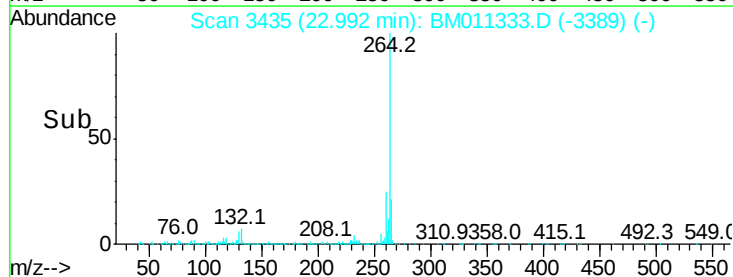
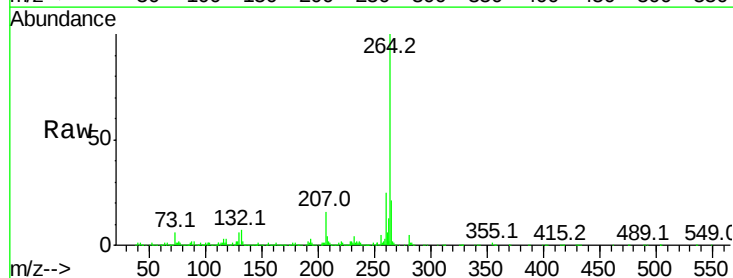
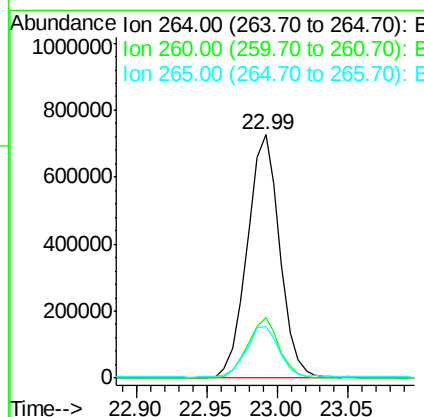
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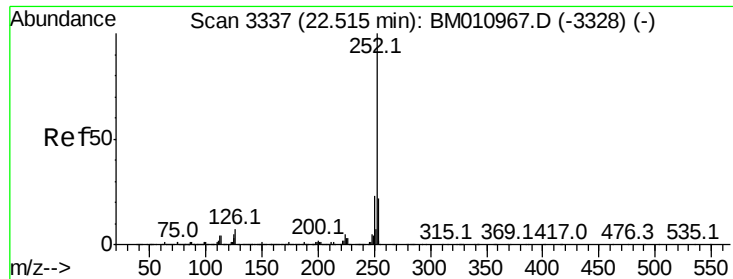
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#86
Perylene-d12
Concen: 20.000 ng
RT: 22.99 min Scan# 3435
Delta R.T. -0.03 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 44.057 ng

RT: 22.39 min Scan# 3332

Delta R.T. -0.03 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

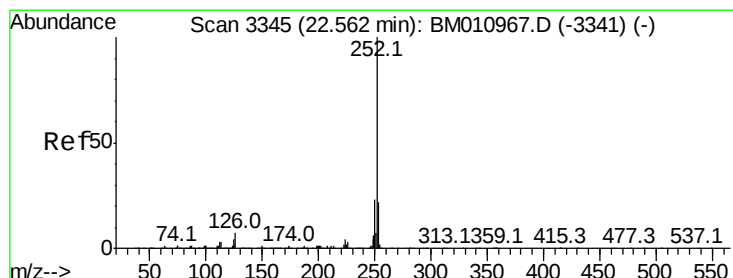
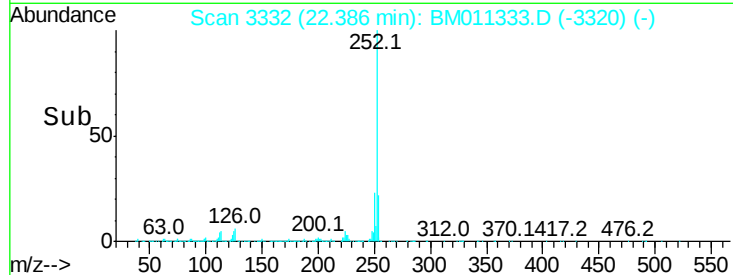
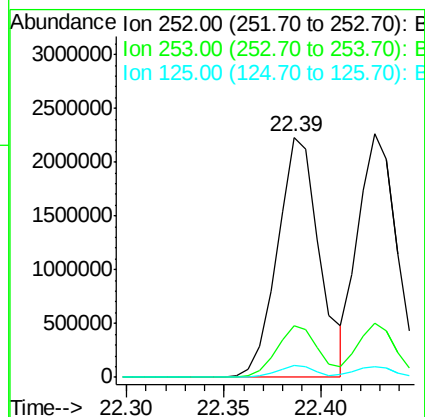
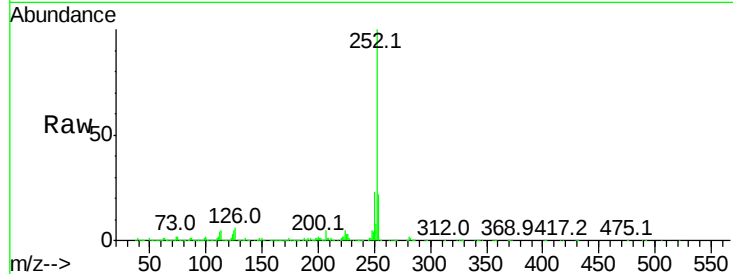
Instrument :
BNA_M

ClientSampleId :
HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	5.0	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 42.643 ng

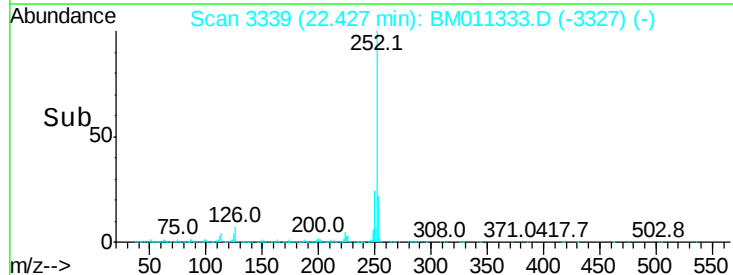
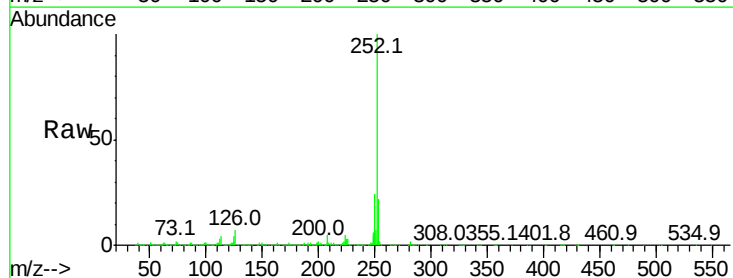
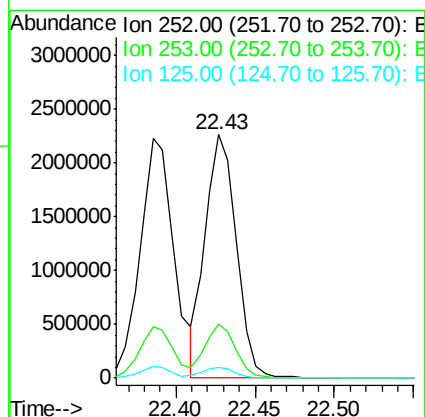
RT: 22.43 min Scan# 3339

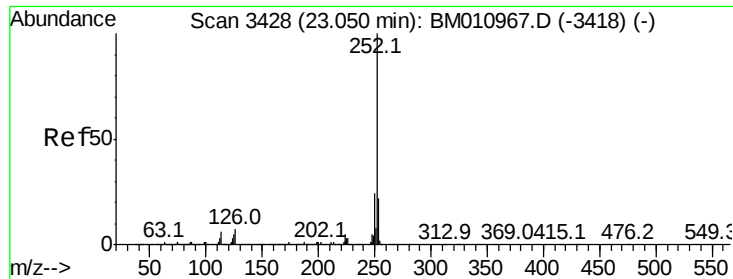
Delta R.T. -0.03 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	4.4	8.1	12.1





#89

Benzo(a)pyrene

Concen: 44.875 ng

RT: 22.90 min Scan# 3420

Delta R.T. -0.03 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

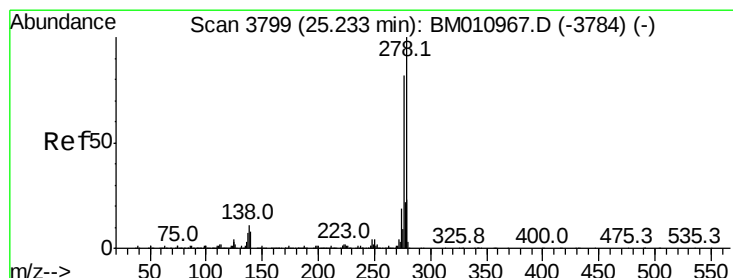
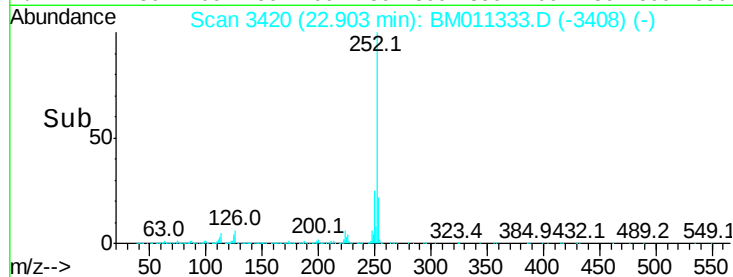
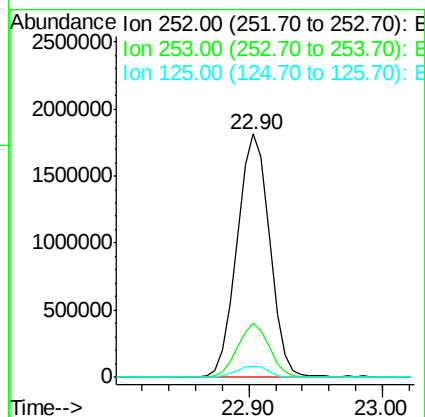
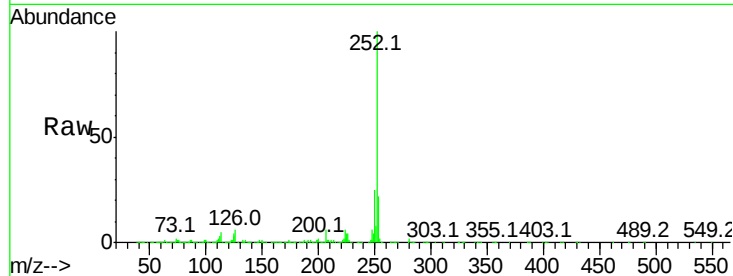
ClientSampleId :

HR-06-081817MSD

Tot Ion:	252	Resp:	3066564
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	4.4	7.4	11.2

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#90

Dibenzo(a,h)anthracene

Concen: 43.821 ng

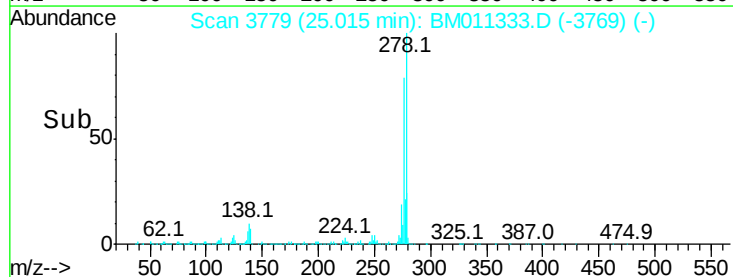
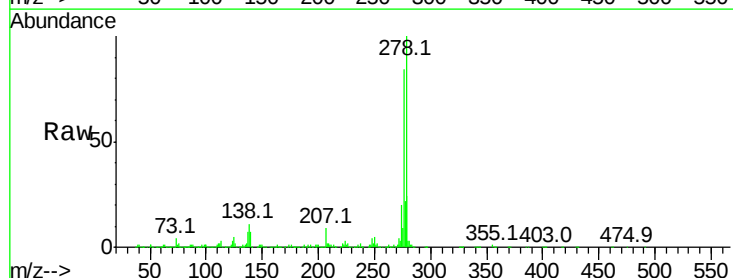
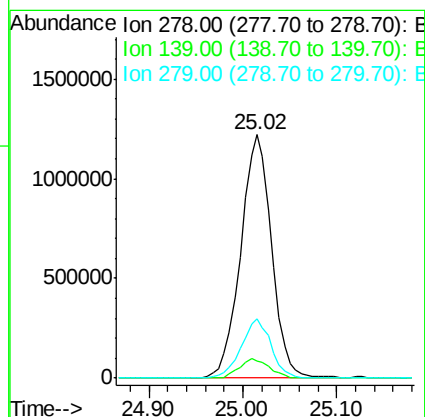
RT: 25.02 min Scan# 3779

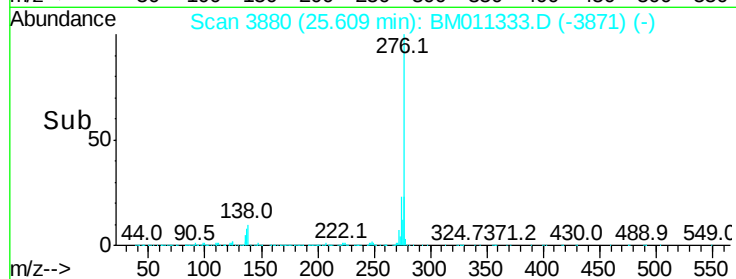
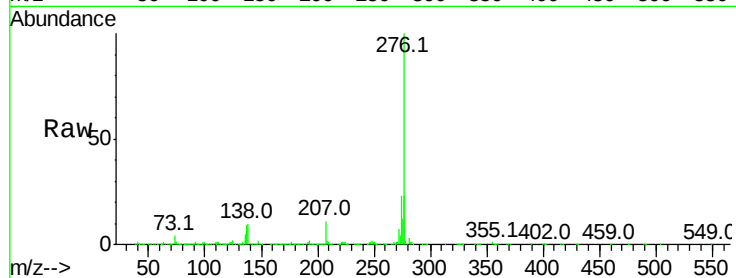
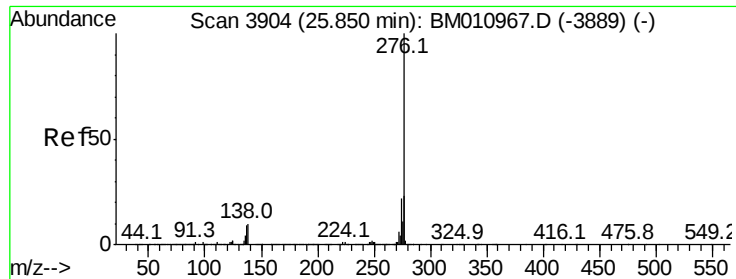
Delta R.T. -0.04 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion:	278	Resp:	2776037
Ion Ratio	Lower	Upper	
278	100		
139	7.0	13.4	20.0
279	24.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 45.228 ng

RT: 25.61 min Scan# 3880

Delta R.T. -0.05 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

Tot Ion:276 Resp: 2813505

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 9.6 19.0 28.6#

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